

GM SMALL BLOCK V-8

| Devi H | Volume | Occilia | Shaft | Screw-in | Provision For | Anti-Cavitation | Associated | Tube Dia. | Pan D | - |
|-------------|-----------|------------------|-------------|-------------|-----------------------|-----------------|--------------|------------|------------------|----------|
| Part No. | Increase | Coatings | Support | valve Plug | Bolt-on Screen | Grooves | Screen No. | (Inches) | Min - | |
| 10550 | 25% | Mag Phosphate | | | | | 55-S | 5/8 | 7" | 7-1/8" |
| | | | | | | | 55-S1 | 5/8 | 6-7/8" | |
| | | | | | | | 55-S2 | 5/8 | 7-3/4" | |
| | | | | | | | 55-\$3 | 5/8 | 7" | 7-1/8" |
| | | | | | | | 210S | 5/8 | | 9-7/8" |
| | | | | | | | 220\$ | 5/8 | 7-1/2" | 7-5/8" |
| 10551 | 25% | Mag Phosphate | | | | | 155S | 3/4 | | 7-3/8" |
| | | | | | | | 211S | 3/4 | 9-7/8" | |
| | | | | | | | 213S | 3/4 | 8-1/8" | 8-1/4" |
| | | | | | | | 221\$ | 3/4 | 7-3/8" | 7-1/2" |
| | | | | | | | 243S | 3/4 | 7-1/2" | 7-1/2" |
| | | | | | | | 244S | 3/4 | 7-1/2" | 7-5/8" |
| | | | | | | | 245S | 3/4 | 9-7/8" | 10" |
| | | | | | | | 251S | 3/4 | | 7-5/8" |
| | | | | | | | 258S | 3/4 | 8" | 8-1/8" |
| | | | | | | | 259S | 3/4 | - | |
| 10552 | 10% | Mag Phosphate | Х | Х | Х | | 155\$ | 3/4 | | 7-1/2" |
| 10552C | 10% | Mag Phosphate | X | X | X | Х | 211\$ | 3/4 | 9-7/8" | |
| 105555 | 25% | Mag Phosphate | X | X | X | ^ | 213\$ | 3/4 | | 8-3/4" |
| 10555C | 25% | Mag Phosphate | X | X | X | Х | 2215 | 3/4 | 7-5/8" | |
| 103330 | 2J /0 | May i nospitate | X | X | X | X | 243\$ | 3/4 | | 7-5/8" |
| | | | | | | | 2433 244S | | 7-5/8 | |
| | | | | | | | | 3/4 | | |
| | | | | | | | 245S | 3/4 | 10" | 10-1/8" |
| | | | | | | | 251S | 3/4 | 7-5/8" | |
| | | | | | | | 258S | 3/4 | | 8-3/8" |
| | | | | | | | 259S | 3/4 | | 9-3/4" |
| | | | | | | | 12557 | 3/4 | 6-3/4" | |
| | | | | | | | 12558 | 3/4 | 7-1/4" | |
| | | | | | | | 12559 | 3/4 | 8" | 8-1/4"* |
| | | | | | | | 12564 | 3/4 | 6-7/8" | |
| | | | | | | | 12566 | 3/4 | 7-3/8" | 7-1/2"** |
| 10553 | 0% | Mag Phosphate | | | | | 55-S | 5/8 | 6-3/4" | 6-7/8" |
| | | | | | | | 55-S1 | 5/8 | 6-5/8" | 6-3/4" |
| | | | | | | | 55-S2 | 5/8 | 7-1/2" | 7-5/8" |
| | | | | | | | 55-\$3 | 5/8 | | 6-7/8" |
| | | | | | | | 210S | 5/8 | | 9-3/8" |
| | | | | | | | 2205 | 5/8 | | 7-3/8" |
| 10554 | 0% | Mag Phosphate | | | | | 155\$ | 3/4 | 6-7/8" | |
| | 0 /0 | and a noophato | | | | | 211\$ | 3/4 | | 9-1/2" |
| | | | | | | | 2135 | 3/4 | | 7-3/4" |
| | | | | | | | 2133 | 3/4 | | 7-1/4" |
| | | | | | | | 243\$ | 3/4 3/4 | 7" | 7-1/4 |
| | | | | | | | 2435 244S | 3/4 3/4 | | 7-1/4" |
| | | | | | | | 2445 245S | | | 9-1/2" |
| | | | | | | | 2455 251S | 3/4 | 9-3/8 6-7/8" | |
| | | | | | | | | 3/4 | | |
| | | | | | | | 258S | 3/4 | | 7-5/8" |
| 10550 35000 | 050/ | | N/ | ¥ | NI / A | | 259S | 3/4 | 8-7/8" | |
| 10550-750SS | 25% | Hardcoat Anodize | X | X | N/A | | N/A | N/A | N/A | N/A |
| 10055-750SS | 0% | Hardcoat Anodize | X | X | N/A | | N/A | N/A | N/A | N/A |
| 10550-825SS | 25% | Hardcoat Anodize | Х | Х | N/A | | N/A | N/A | N/A | N/A |
| 10055-825SS | 0% | Hardcoat Anodize | Х | Х | N/A | | N/A | N/A | N/A | N/A |
| 10550-700CT | 25% | Hardcoat Anodize | Х | Х | N/A | | N/A | N/A | N/A | N/A |
| | | | | | N/A | | NI/A | NI/A | | INI/A |
| 10055-700CT | 0% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |
| 10990 | | Mag Phosphate | Х | Х | | Х | 241S | 3/4 | 8-3/8" | 8-1/2" |
| | 0% | | X X X | X X X | | Х | 241S 305S | | 8-3/8" | |
| 10990 | 0% 25% | Mag Phosphate | Х | Х | N/A | Х | 241S | 3/4 | 8-3/8" 7-1/2" | 8-1/2" |

*Bolt-On Stock Type Pan **Bolt-On Circle Track Pan

NOTE: SCREEN TO PAN CLEARANCE DISTANCE CAN VARY DUE TO PAN GASKET THICKNESS



PERFORMANCE OIL PUMPS

NOTE: MINIMUM 3/8" TO 1/2" SCREEN TO PAN CLEARANCE

PONTIAC V-8

| Part No. | Volume Increase | Coatings | Shaft Support | Screw-in Valve Plug | Bolt-on Screen | Anti-Cavitation Grooves | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|---------------|------------------|------------------------|-------------------|----------------------------|-----------------------------|-------------------------------|
| 10540 | 0% | Mag Phosphate | | Х | | | 54-DS | 3/4 |
| 10541 | 0% | Mag Phosphate | | Х | | | 54-DS | 3/4 |

Do not use the 54-DS screen with an OEM replacement pump.

GM GEN III & IV 4.8L, 5.3L • LS1 & LS6 5.7L • LS2 6.0L • LS3 6.2L

| Part No. | Volume Increase | Coatings | Shaft Support | Screw-in Valve Plug | Bolt-on Screen | Anti-Cavitation Grooves | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|------------------|------------------|------------------------|-------------------|----------------------------|-----------------------------|-------------------------------|
| 10295** | 0% | Hardcoat Anodize | | Х | Х | | 303S | 7/8 |
| | | | | | | | 304S | 7/8 |
| 10296** | 18% | Hardcoat Anodize | | Х | Х | | 303S | 7/8 |
| | | | | | | | 304S | 7/8 |

** 303S - Corvette applications, 304S Camaro applications only.

GM GEN IV LS4 5.3L • L92 VORTEC 6.2L V-8

| Part No. | Volume Increase | Coatings | Shaft Support | Screw-in Valve Plug | Bolt-on Screen | Anti-Cavitation Grooves | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|------------------|------------------|------------------------|-------------------|----------------------------|-----------------------------|-------------------------------|
| 10355 | 0%* | Hardcoat Anodize | | Х | Х | | 324S | 7/8 |

*33% more volume than the 10295

GM BIG BLOCK V-8

| | Volume | | Shaft | Screw-in Valve | Provision For | Anti- Cavitation | Associated | Inlet Dia. | Pan D | - |
|--------------|----------|------------------|---------|-------------------|-----------------------|---------------------|------------|------------|--------|--------|
| Part No. | Increase | Coatings | Support | Plug | Bolt-on Screen | Grooves | Screen No. | (Inches) | Min - | Max |
| 10770 | 25% | Mag Phosphate | | | | | 77-S1 | 3/4 | 7-1/2" | 7-5/8" |
| 10774 | 0% | Mag Phosphate | | | | | 241S | 3/4 | 8-7/8" | 9" |
| 10775 | 0% | Mag Phosphate | Х | Х | | | 305S | 3/4 | 7-7/8" | 8" |
| 10778 | 25% | Mag Phosphate | Х | Х | | | 353S | 3/4 | 9" | 9-1/8" |
| 10778C | 25% | Mag Phosphate | Х | Х | | Х | 307S | 3/4 | 9-5/8" | 9-3/4" |
| 10070-800SS | 25% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |
| 10077-800SS | 0% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |
| 10070-900SS | 25% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |
| 10077-900SS | 0% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |
| 10070-1000SS | 25% | Hardcoat Anodize | Х | Х | | | N/A | N/A | N/A | N/A |

FORD 260 • 289 • 302

| Part No. | Volume Increase | Coatings | CNC Machined | Screw-in Valve Plug | Extended Drive Shaft | Doweled Cover | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|---------------|-----------------|---------------------------|----------------------------|------------------|--------------------------------|----------------------------------|
| 10687 | 0% | Mag Phosphate | Х | Х | Х | Х | 68-S | 5/8 |
| 10688 | 25% | Mag Phosphate | Х | Х | Х | Х | 68-S3 | 5/8 |
| | | | | | | | 68-S4 | 5/8 |
| | | | | | | | 68-\$5 | 5/8 |

FORD 351W

| Part No. | Volume Increase | Coatings | CNC Machined | Screw-in Valve Plug | Extended Drive Shaft | Doweled Cover | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|---------------|-----------------|---------------------------|----------------------------|------------------|--------------------------------|----------------------------------|
| 10832 | 0% | Mag Phosphate | Х | Х | Х | Х | 83-5 | 5/8 |
| 10833 | 25% | Mag Phosphate | Х | Х | Х | Х | 83-\$1 | 5/8 |

NOTE: SCREEN TO PAN CLEARANCE DISTANCE CAN VARY DUE TO PAN GASKET THICKNESS

PERFORMANCE OIL PUMPS

NOTE: MINIMUM 3/8" TO 1/2" SCREEN TO PAN CLEARANCE



FORD 4.6 & 5.4L Modular

| Part No. | Volume Increase | Coatings | Screw-in Valve Plug | Provision For Bolt-on Screen | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|-------------------|---------------------------|------------------------------------|--------------------------------|----------------------------------|
| 10176 | 0% | Hardcoat Anodized | Х | Х | | 13/16 |
| 10227 | 8%** | Hardcoat Anodized | Х | Х | 335S | 15/16 |
| 10340 | 0% | Hardcoat Anodized | Х | Х | | 15/16 |

** 8% Additional volume when used in the 4.6-X SOHC application / standard volume when used in the 4.6 DOHC Cobra application.

CHRYSLER 2.0L

| Part No. | Volume Increase | Coatings | Screw-in Valve Plug | Provision For Bolt-on Screen | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|---------------|---------------------------|------------------------------------|--------------------------------|----------------------------------|
| 10190 | 20% | Mag Phosphate | Х | Х | 262S | 3/4 |
| | | | | | 330S | 3/4 |
| | | | | | 331\$ | 3/4 |

CHRYSLER 5.7L & 6.1L HEMI

| Part No. | Volume Increase | Coatings | Screw-in Valve Plug | Provision For Bolt-on Screen | Associated Screen Number | Screen Inlet Dia. (Inches) |
|----------|--------------------|------------------|---------------------------|------------------------------------|--------------------------------|----------------------------------|
| 10342 | 0% | Hardcoat Anodize | Х | Х | 331\$ | 1.0 |

PERFORMANCE OIL PUMP GUIDE

GM S.B. PERFORMANCE OIL PUMP LINE

10550

High volume performance upgrade for M-55HV. 25% increase in volume over stock oil pump. The 10550 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel quide. Built with billet steel gears. Uses 5/8" press in screen.

10551

High volume performance upgrade for M155HV. 25% increase in volume over stock oil pump. The 10551 housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Includes intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

10552

High volume performance oil pump. 10% increase in volume over stock oil pump. The 10552 is manufactured with the drive and idler shafts extended to allow for additional support in the cover eliminating dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. Screw in plug retains relief valve spring instead of pin. Relief hole in cover uses screw in plug instead of pressed cup plug. All bolts are self locking socket heads, with the wrench supplied. The housing and cover are CNC machined and phosphate coated. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. The lower pressure spring is included to reduce pressure if desired. Melling Patent No. 5,810,571

10552C (Anti-Cavitation)

High volume performance oil pump. 10% increase in volume over stock oil pump. Same as the 10552 with the addition of grooves machined in the body and cover. The grooves reduce cavitation effects in high RPM applications. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. Using this oil pump will reduce pressure at idle. The 10552C uses the high pressure spring only. Racing Applications Only.







10553

High pressure performance upgrade for M-55 & M-55A. Standard volume oil pump. The 10553 housing and cover are CNC machined and phosphate coated. Manufactured with pink spring installed for higher pressure (M-55A). To change pump to lower pressure (M-55) install the supplied yellow spring. Includes intermediate shaft with steel guide. Built with billet steel gears. The 10553 uses a 5/8" press in screen.

10554

Performance upgrade for M155. Standard volume oil pump. The 10554 housing and cover are CNC machined and manganese phosphate coated. Manufactured with pink spring installed for higher pressure. To change pump to lower pressure install the supplied yellow spring. Includes intermediate shaft with steel guide. Built with billet steel gears. The 10554 uses a 3/4" press in screen.

10555

High Volume performance upgrade for the 10550 oil pump. 25% increase in volume over stock oil pump. The 10555 is manufactured with the drive and idler shafts extended to allow for additional support in the cover eliminating dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. Screw in plug retains relief valve spring instead of pin. Relief hole in cover uses screw in plug instead of pressed cup plug. All bolts are self locking socket heads, with the wrench supplied. The housing and cover are CNC machined and manganese phosphate coated. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. The lower pressure spring is included to reduce pressure if desired.

Melling Patent No. 5,810,571

10555C (Anti-Cavitation)

High volume performance upgrade for the 10550 oil pump. 25% increase in volume over stock oil pump. Same as the 10555 with the addition of grooves machined in the body and cover. The grooves reduce cavitation effects in high RPM applications. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses both 3/4" bolt on or press in screen. Using this oil pump will reduce pressure at idle. The 10555C uses the high pressure spring only. **Racing Applications Only.**

Melling Patent No. 5,810,571

10990

High volume performance upgrade for the M-99HV-S. Increase in volume of 25% over stock oil pump. The 10990 is a Big Block style oil pump made to fit the Small Block applications. The drive and idler shafts have been extended to allow for additional support in the cover. Additional support eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. The relief valve has a screw-in plug instead of a pin. The housing and cover are CNC machined and phosphate coated. An additional spring, the original stock replacement is supplied which will reduce bypass pressure if needed. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

Melling Patent No. 5,810,571

10990C (Anti-Cavitation)

High volume performance upgrade for the M-99HV-S. Increase in volume of 25% over stock oil pump. The same as the 10990 except with the addition of grooves machined in the housing and cover. The grooves reduce cavitation effects in high RPM applications. Using this oil pump will reduce pressure at idle. Includes 12550 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen. **Racing applications only**.

Melling Patent No. 5,810,571





GM S.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS

10055-750SS

Aluminum billet standard volume oil pump for street & strip applications with 7-1/2" deep pans. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & standard volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571

10050-750SS

Aluminum billet high volume oil pump for street & strip applications with 7-1/2" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat. & high volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571







Aluminum billet standard volume oil pump for street & strip applications with 8-1/4" deep pans. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat. & standard volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571





Aluminum billet high volume oil pump for street & strip applications with 8-1/4" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571





GM S.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR CIRCLE TRACK APPLICATIONS

10055-700CT

Aluminum billet standard volume oil pump for circle track racing applications with 7" deep pans. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & standardvolume billet steel gears. The drive shaft is manufactured from chrome -moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body, offset for circle track racing and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571



10050-700CT

Aluminum billet high volume oil pump for circle track racing applications with 7" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears The drive shaft is manufactured from chrome-moly steel. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body, offset for circle track racing and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12550 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571



OLDSMOBILE PERFORMANCE OIL PUMP LINE

M-22FHV

High volume upgrade of the M-22F oil pump. 20% increase in volume over stock oil pump. The M-22FHV is manufactured with both a 3/4" bolt on type flange and a 5/8" chamfered hole allowing for the use of both bolt on or press in type screen. For use with Oldsmobile 260, 307, 350, 400, 403, 425 & 455 engines.



PONTIAC V8 PERFORMANCE OIL PUMP LINE

10540

Stock pressure performance upgrade for the M-54D-S. The housing is CNC machined and phosphate coated. Built with billet steel gears. Includes 3/4" diameter oil pickup screen.

10541

High pressure performance upgrade for the M-54F. 30% increase in pressure over the 10540 oil pump. The housing is CNC machined and phosphate coated. Built with billet steel gears. Includes 3/4" diameter oil pickup screen.

GM GEN III & IV 4.8L-5.3L-5.7L-6.0L • LS3 6.2L PERFORMANCE OIL PUMP LINE

10295

High pressure performance upgrade for M295. Stock volume, 10% increase in pressure over M295 oil pump. The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.



High volume performance upgrade for M295. 18% increase in volume over M295 and 10295 oil pump. The cast aluminum housing is CNC machined and hardcoat anodized. The cast iron cover is CNC machined and phosphate coated. The relief valve features a screw in valve plug with the optional lower stock spring supplied. Uses stock bolt on screen.

GM GEN GEN IV, LS4 5.3L & L92 VORTEC 6.2L PERFORMANCE OIL PUMP LINE

10355

Stock volume performance upgrade for M355. Standard volume for LS4 5.3L & L92 6.2L engines. 33% increase in volume over the 10295. The 10355 features a hard coat anodized body with a cast iron phosphate coated cover. The relief valve features a screw in valve plug with the optional lower stock pressure spring supplied. Uses stock bolt on screen.

GM B.B. PERFORMANCE OIL PUMP LINE

10770

High volume performance upgrade for M-77HV. 25% increase in volume over stock pump. The housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Built with billet steel gears. Includes intermediate shaft with steel guide. Uses 3/4" press in screen.

10774

Standard volume performance upgrade for M-77. The housing and cover are CNC machined and phosphate coated. The lower pressure spring is included to reduce pressure if desired. Built with billet steel gears. Includes intermediate shaft with steel guide. Uses 3/4" press in screen.









MMMMMM

10778

High volume performance upgrade for the 10770. Increase in volume of 25% over stock oil pump. The drive shaft has been manufactured from chrome-moly steel. The drive and idler shafts have been extended to allow for additional support in the cover. Additional support eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of the shaft bores. The relief valve has a screw-in plug instead of a pin. The housing and cover are CNC machined and phosphate coated. An additional spring, the original stock replacement is supplied which will reduce bypass pressure if needed. Includes 12770 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen.

Melling Patent No. 5,810,571

10778C (Anti-Cavitation)

High volume performance upgrade for the 10770. Increase in volume of 25% over stock oil pump. The same as the 10778 except with the addition of grooves machined in the housing and cover. The grooves reduce cavitation effects in high RPM applications. Using this oil pump will reduce pressure at idle. Includes 12770 chrome moly intermediate shaft with steel guide. Built with billet steel gears. Uses 3/4" press in screen. **Racing applications only.**

Melling Patent No. 5,810,571



GM B.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS

10077-800SS

Aluminum billet standard volume oil pump for street & strip applications with 8" deep pans. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft and stud kit and +10# and - 10# relief springs.

Melling Patent No. 5,810,571



10070-800SS

Aluminum billet high volume oil pump for street & strip applications with 8" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft and stud kit and +10# and - 10# relief springs.

Melling Patent No. 5,810,571

GM B.B. ALUMINUM BILLET PERFORMANCE OIL PUMP LINE FOR STREET & STRIP APPLICATIONS

10077-900SS

Aluminum billet standard volume oil pump for street & strip applications with 9" deep pans. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & billetsteel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and -10# relief springs.

Melling Patent No. 5,810,571



10070-900SS

Aluminum billet high volume oil pump for street & strip applications with 9" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and - 10# relief springs.

Melling Patent No. 5,810,571



10070-1000SS

Aluminum billet high volume oil pump for street & strip applications with 10" deep pans. 25% increase in volume over stock oil pump. Pump features a lightweight billet 6061-T6 aluminum housing & cover with a protective anodized hardcoat & high volume billet steel gears. The chrome-moly drive shaft has been extended. Pump shafts have been extended into the cover for support. The pickup screen has been integrated into the pump body and features a stainless steel wire mesh. This pump has multiple pressure settings and is CNC manufactured to exacting tolerances and surface finishes. The supercharged inlet allows for improved performance at high RPM's. Includes 12770 chrome moly intermediate shaft, stud kit and +10# and - 10# relief springs. Ideal for Marine applications.

Melling Patent No. 5,810,571



CHRYSLER PERFORMANCE OIL PUMP LINE

M-63HV

High volume upgrade of the M-63. 25% increased volume over stock pump. Larger volume body and gerotor set provide higher volume than the original stock oil pump.



CHRYSLER PERFORMANCE OIL PUMP LINE



M-63HP

High pressure, standard volume upgrade of the M-63. Increased oil pressure. Provides higher oil pressure than the stock oil pump.



M-72HV

High volume upgrade of the M-72. 25% increased volume over stock pump. Larger volume body and gerotor set provide higher volume than the original stock oil pump.

CHRYSLER 2.0L PERFORMANCE OIL PUMP



10190

High volume performance upgrade of the M190. 20% increased volume over stock pump. The pump is supplied with a gerotor designed to provide 20% increased oil volume than the original Chrysler design. The pump design has been improved by separating the inlet oil from the by-passed oil. In addition pump materials have been changed to improve performance and durability.

CHRYSLER 5.7L & 6.1L PERFORMANCE OIL PUMPS



Standard volume performance upgrade of the M342. The 10342 features a hardcoat anodized body with a cast iron phosphate coated cover for improved pump performance and durability. Adjustable by-pass pressure using optional springs. The cup plugs have been replaced with threaded fittings. Uses 1-1/8" bolt on screen.

FORD 260 • 289 • 302 PERFORMANCE OIL PUMP LINE



Standard volume performance upgrade for M-68. Gerotor set assembled to an extended drive shaft that allows for additional support in the cover. Supporting the drive shaft in both the housing and cover eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of shaft bores. The housing and cover are CNC machined and phosphate coated for wear and rust prevention. The relief valve has a pressure adjustable screw-in plug instead of a cup plug. Works with the original bolt-on pickup screen assemblies. Uses 5/8" bolt on screen.

Melling Patent No. 5,810,571

10688

High volume performance upgrade for M-68-HV. The same features as the 10687 but the gerotor displaces 25% more volume of oil than the 10687. Uses 5/8" bolt on screen.

Melling Patent No. 5,810,571



FORD 351W PERFORMANCE OIL PUMP LINE

10832

Standard volume performance upgrade for M-83. Gerotor set assembled to an extended drive shaft that allows for additional support in the cover. Supporting the drive shaft in both the housing and cover eliminates dynamic shaft deflection at increased RPM levels. The cover is doweled to the pump housing to assure alignment of shaft bores. The housing and cover are CNC machined and phosphate coated for wear and rust prevention. The relief valve has a pressure adjustable screw-in plug instead of a cup plug.Works with the original 5/8" bolt-on pickup screen assemblies.

Melling Patent No. 5,810,571

10833

High volume performance upgrade for M-83. The same features as the 10832 but the gerotor displaces 25% more volume of oil than the 10832. Uses 5/8" bolt on screen.

Melling Patent No. 5,810,571

FORD 351C • 351M • 400M ENGINES PERFORMANCE OIL PUMP LINE

M-84AHV

High volume upgrade for M-84A. 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Uses 5/8" threaded screen.

FORD FE ENGINES PERFORMANCE OIL PUMP LINE

M-57HV

High Volume upgrade for M-57. 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Uses 5/8" bolt on screen.

M-57HP

High pressure upgrade for M-57. Provides higher pressure than the original stock oil pump. Uses 5/8" bolt on screen. NOTE: for use in blocks with by-pass spring in the block.

FORD 429•460 ENGINES PERFORMANCE OIL PUMP LINE

M-84BHV-S

High volume upgrade for M-84B. 25% increased volume over stock pump. Larger volume body and gerotor provide higher volume than the original stock oil pump. Includes screen for use in 8-1/4" front sump pans.











M-84DHV

High volume upgrade for M-84D. 25% increased volume over stock pump. For rear sump applications only.



M-84EHV-S

High volume oil pump. For use in 8-5/8" front sump pans. Oil pickup screen is included.



FORD 428CJ ENGINES PERFORMANCE OIL PUMP LINE

M-84EHV-S & M-84BHV-S

High volume oil pump. The M-84EHV-S for use in 8-5/8" front sump pans, and the M-84BHV-S for use in 8-1/4" front sump pans. Oil pickup screen is included.



10176

Standard volume performance upgrade for the M176. For use with the 4.6-X SOHC Mustang GT. Supplied with chrome-moly billet steel rotors. The 10176 also features an anodized hard coated body and a phosphate coated cover. Uses 13/16" diameter pickup screen.

FORD 4.6L & 5.4L MODULAR ENGINES



10227

Standard volume performance upgrade for the M227. For use with the 4.6L DOHC Cobra Mustang. Also may be used in the 4.6L, vin X SOHC Mustang as a 8% High volume oil pump. Supplied with chrome-moly billet steel rotors. The 10227 also features an anodized hard coated body and a phosphate coated cover. Uses 15/16" diameter 335S oil pickup screen.



High pressure, standard volume performance upgrade for the M340. The 10340 features an anodized hard coated body and a phosphate coated cover. The relief valve has a pressure adjustable screw-in plug instead of a cup plug. Uses 15/16" diameter pickup screen.



PERFORMANCE - AMERICAN MOTORS & JEEP

| Line No. | Part Title | Part No. | | | Description | | | | |
|-------------|----------------------------------|-----------------|--|---------------------------|----------------------|-----------------------|-----------------------|--|--|
| 1 | 4.8 (290) ENG - 1968-69 - V8 - 3 | | BASSADOF | | | MBLER. R | EBEL) | | |
| | Torque Camshaft | | | | | | - | | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation | | |
| | HYD. IMPROVES LOW-MID. | MTA-1 | 204 214 | 280 289 | .449 .473 | 105 115 | 110 | | |
| | PERF. CHECK FOR COIL BIND. | | 201 211 | 200 200 | | 100 110 | 110 | | |
| | USE [VS-280] SPRING W/ | | | | | | | | |
| | INSTALLED HGT. OF 1.82. | | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1200-4700. | | | | | | | | |
| | Mechanical Flat Tappet Lifters | 299984 | USE WITH | CAST IRON | CAMSHAF | Г | | | |
| | Hydraulic Flat Tappet Lifters | 290114 | | | | | | | |
| | Valve Locks | 473004 | 2 GROOV | ES | | | | | |
| | Valve Spring with Hydraulic | VS-280 | | FA-1 CAMSH | | | OF 1.82. | | |
| | Lifters | | | | | | | | |
| | | 466434 | | | | | | | |
| | Valve Spring Retainers | 475144 | | MOLY - USE | WITH [4664 | 34] SPRING | as | | |
| 2 | 5.0 (304) OHV ENG - 1970-79 - | V8 - 3.750 Bore | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | IMPROVES LOW-MID. PERF. | MTA-1 | 204 214 | 280 289 | .449 .473 | 105 115 | 110 | | |
| | CHECK FOR COIL BIND. USE | | | | | | | | |
| | [VS-280] SPRING W/INSTALLED | | | | | | | | |
| | HGT. OF 1.82. CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTA-1 | | CLASS I HY | | | ~- | | |
| | | | | BLE. IMPRO | | | | | |
| | | | | NOT CALIFC CAM, 16-[JB | | | | | |
| | | | | ECK FOR CO | | | | | |
| | | | | D HGT. OF 1 | | 5E [V3-200] | | | |
| | Mechanical Flat Tappet Lifters | 299984 | | I CAST IRON | | Г | | | |
| | Hydraulic Flat Tappet Lifters | 290114 | 002000 | | | | | | |
| | Valve Locks | 473004 | 2 GROOV | ES | | | | | |
| | Valve Spring with Hydraulic | VS-280 | | TA-1 CAMSH | AFT INSTAL | LED HGT. | OF 1.82. | | |
| | Lifters | | (MACHINI | NG MAY BE | REQUIRED) | | | | |
| | | 466434 | USE W/ 47 | 75144 RETAI | NERS | | | | |
| | Valve Spring Retainers | 475144 | CHROME | MOLY - USE | WITH [4664 | 34] SPRINC | S | | |
| | Chrome Moly Push Rods | 500314 | HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARI | | | | | | |
| | | | LENGTH. 5/16" DIA. STANDARD LENGTH- HEAT | | | | | | |
| | | | TREATED FOR GUIDE PLATES. MAX. SPRING | | | | | | |
| | | | PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD | | | | | | |
| | | 501004 | | | | | | | |
| | | | | ONE PIECE | | | DIA. | | |
| | | | | D LENGTH - | | | | | |
| | | | | ATES (ONE F | | RUCTION |) MAX. | | |
| | | | SPRING P | RESSURE 5 | 00 LBS. | | | | |

PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)

| Line | | | | | | | | | |
|------|--|-----------------|--|----------------------------|----------------------|-----------------------|-----------------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 3 | 5.6 (343) ENG - 1967-69 - V8 - 4 | 1.080 Bore | | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | IMPROVES LOW-MID. PERF. | MTA-1 | 204 214 | 280 289 | .449 .473 | 105 115 | 110 | | |
| | CHECK FOR COIL BIND. USE | | | | | | | | |
| | [VS-280] SPRING W/INSTALLED | | | | | | | | |
| | HGT. OF 1.82. CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | | |
| | Mechanical Flat Tappet Lifters | 299984 | USE WITH | I CAST IRON | I CAMSHAF | Т | | | |
| | Hydraulic Flat Tappet Lifters | 290114 | | | | | | | |
| | Valve Locks | 473004 | 2 GROOVE | | | | | | |
| | Valve Spring with Hydraulic | VS-280 | USE W/MTA-1 CAMSHAFT INSTALLED HGT. OF 1. | | | | | | |
| | Lifters | | (MACHINING MAY BE REQUIRED) | | | | | | |
| | | 466434 | USE W/ 475144 RETAINERS CHROME MOLY - USE WITH [466434] SPRINGS | | | | | | |
| | Valve Spring Retainers | 475144 | | | | | | | |
| 4 | 5.9 (360) OHV ENG - 1970-78 - | V8 - 4.080 Bore | 1 | 1 | 1 | 1 | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | IMPROVES LOW-MID. PERF. | MTA-1 | 204 214 | 280 289 | .449 .473 | 105 115 | 110 | | |
| | CHECK FOR COIL BIND. USE | | | | | | | | |
| | [VS-280] SPRING W/INSTALLED | | | | | | | | |
| | HGT. OF 1.82. CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTA-1 | 1071-1077 | CLASS I HY | | | | | |
| | Torque Cam Enter Kit | | | BLE. IMPRO | | | SE | | |
| | | | | | | | | | |
| | | | | CAM, 16-[JB | | | | | |
| | | | | · · · | - | | SPRING W/ | | |
| | | | | D HGT. OF 1 | | | | | |
| | Mechanical Flat Tappet Lifters | 299984 | USE WITH | CAST IRON | I CAMSHAF | Т | | | |
| | Hydraulic Flat Tappet Lifters | 290114 | | | | | | | |
| | Valve Locks | 473004 | 2 GROOVE | | | | | | |
| | Valve Spring with Hydraulic | VS-280 | | I [MTA-1] CA | | | OF 1.82 | | |
| | Lifters | | · · | NG MAY BE | , | | | | |
| | | 466434 | | '5144 RETAI | | | | | |
| | Valve Spring Retainers | 475144 | | MOLY - USE | - | - | | | |
| | Chrome Moly Push Rods | 500314 | HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH- HEAT | | | | | | |
| | | | | | | | | | |
| | | | TREATED FOR GUIDE PLATES. MAX. SPRING | | | | | | |
| | | 501004 | PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES. ONE PIECE | | | | | | |
| | | 501004 | | | | | | | |
| | | | | ICTION. 5/16 D LENGTH - | | | 5/10 DIA. | | |
| | | | | ATES (ONE F | | |) MAX | | |
| | | | | RESSURE 5 | | | | | |
| | | | | HESSURE S | | | | | |

PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)

| • | Part Title | Part No. | | | Description | | | |
|---|---|-----------------|---|--------------|-------------|------------|--------------|--|
| | 6.4 (390) ENG - 1968-70 - V8 - 4 | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | IMPROVES LOW-MID. PERF. | MTA-1 | | | | | 110 | |
| | CHECK FOR COIL BIND. USE | | | | | | | |
| | [VS-280] SPRING W/INSTALLED | | | | | | | |
| | HGT. OF 1.82. CLASS I. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | |
| Ī | Mechanical Flat Tappet Lifters | 299984 | USE WITH | CAST IRON | CAMSHAF | Г | • | |
| Ī | Hydraulic Flat Tappet Lifters | 290114 | | | | | | |
| | Valve Locks | 473004 | 2 GROOVE | ES | | | | |
| | Valve Spring with Hydraulic | VS-280 | USE W/MT | A-1 CAMSH | AFT INSTAL | LED HGT. O | DF 1.82 | |
| | Lifters | | (MACHINII | NG MAY BE | REQUIRED) | | | |
| | | 466434 | 204 214 280 289 .449 .473 105 115 110 USE WITH CAST IRON CAMSHAFT | | | | | |
| | Valve Spring Retainers | 475144 | CHROME | MOLY - USE | WITH [4664 | 34] SPRING | iS | |
| | Chrome Moly Push Rods | 500314 | 1970-1970 HEAT TREATED FOR GUID | | | | LATES. 5/16" | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | 501004 | (MACHINING MAY BE REQUIRED) USE W/ 475144 RETAINERS CHROME MOLY - USE WITH [466434] SPRINGS 1970-1970 HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD LENGTH 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 1970-1970 HEAT TREATED FOR GUIDE PLATES. 5/16". ONE PIECE CONSTRUCTION. STANDARD LENGTH 5/10 DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. Degrees Degrees | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. | | | | | |
| | | | | RESSURE 5 | 00 LBS. | | | |
| | 6.6 (401) OHV ENG - 1971-76 - | V8 - 4.170 Bore | 1 | | | | 1 | |
| | Torque Camshaft | | | | | | | |
| | | | | | | | Separatio | |
| | | | | | | | 110 | |
| | IMPROVES LOW-MID. PERF. | MTA-1 | 204 214 | 280 289 | .449 .473 | 105 115 | 110 | |
| | CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED | | | | | | | |
| | HGT. OF 1.82. CLASS I. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | |
| ŀ | Torque Cam Lifter Kit | CL-MTA-1 | GUIDEPLATES (ONE PIECE CONSTRUCTION) MA SPRING PRESSURE 500 LBS. Bore Inches Degrees Degrees | | | | | |
| | | - | | | | | | |
| | | | | | | • • • | | |
| | | | CAM, 16-[J | IB-2011] LIF | TERS & 4OZ | MELL LUB | E. CHECK | |
| | | | FOR COIL | BIND. USE | [VS-280] SP | RING W/INS | TALLED | |
| | | | HGT. OF 1 | .82. | | | | |
| | Mechanical Flat Tappet Lifters | 299984 | USE WITH | CAST IRON | I CAMSHAF | Г | | |
| ļ | Hydraulic Flat Tappet Lifters | 290114 | | | | | | |
| | Valve Locks | 473004 | 2 GROOVE | | | | | |
| ſ | Valve Spring with Hydraulic | VS-280 | USE W/MT | A-1 CAMSH | AFT INSTAL | LED HGT. C | DF 1.82 | |
| | Lifters | | | | , | | | |
| | | 466434 | (MACHINING MAY BE REQUIRED) USE W/ 475144 RETAINERS | | | | | |
| | | | CHROME MOLY - USE WITH [466434] SPRINGS | | | | | |
| | Valve Spring Retainers | 475144 | | | | 34] SPRING | ŝS | |

PERFORMANCE - AMERICAN MOTORS & JEEP (Continued)

| Line | | | | | | | | | | | |
|------|-------------------------------|-----------------|--|--|--|--|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | | | | | |
| 6 | 6.6 (401) OHV ENG - 1971-76 - | V8 - 4.170 Bore | | | | | | | | | |
| | Chrome Moly Push Rods | 500314 | HEAT TREATED FOR GUIDE PLATES. 5/16" STANDARD | | | | | | | | |
| | | | LENGTH 5/16" DIA. STANDARD LENGTH- HEAT | | | | | | | | |
| | | | TREATED FOR GUIDE PLATES. MAX. SPRING | | | | | | | | |
| | | | PRESSURE 350 LBS. | | | | | | | | |
| | | 501004 | HEAT TREATED FOR GUIDE PLATES. ONE PIECE | | | | | | | | |
| | | | CONSTRUCTION. 5/16" STANDARD LENGTH 5/16" DIA. | | | | | | | | |
| | | | STANDARD LENGTH - HEAT TREATED FOR | | | | | | | | |
| | | | GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. | | | | | | | | |
| | | | SPRING PRESSURE 500 LBS. | | | | | | | | |

PERFORMANCE - BUICK

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|---|--------------|---|---------------------------------------|----------------------|-----------------------|-----------------------|--|
| 1 | 3.0-E (181) ENG - 1982-85 - V6 | - 3.800 Bore | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | HYD. IMPROVES MID RANGE PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 1200-4700. | MTB-1 | 204 214 | 280 290 | .449 .473 | 112 112 | 112 | |
| | HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 800-4500. | MTB-2 | 194 204 | 272 280 | .424 .449 | 109 119 | 114 | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTB-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. | | | | | |
| | | CL-MTB-2 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380) NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-2] CAM, 12-[JB-969] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. | | | | | |
| | Hydraulic Flat Tappet Lifters | 299694 | USE FACT | ORY SETTI | | | | |
| | | 299704 | | P UP, SET A BLE VALVE ⁻ | AT ZERO LAS TRAIN | SH; MUST B | E USED W/ | |
| | Valve Locks | 476104 | | | | | | |
| | Continued on Next Page | | | | | | | |

PERFORMANCE - BUICK (Continued)

| Part Title | Part No. | | | Description | | | | |
|--|-----------------|---|---|--|---|--|--|--|
| 3.0-E (181) ENG - 1982-85 - V6 | | 1 | | | | | | |
| Valve Spring with Hydraulic Lifters | VS-380 | STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED) | | | | | | |
| Chrome Moly Push Rods | 500574 | CAMSHAFTS (MACHINING MAY BE REQUID HEAT TREATED FOR GUIDE PLATES MAX. PRESSURE 350 LBS. 1982-1984 NOTE: DO NOT USE DAMPER IN SEAMLESS SOLID ROLLER CHAIN, CAST IF SPROCKET & MULTIPLE KEYWAY CRANK (S) 00 Bore (231-A ENG 1977-87, 231-G ENG 197 83, 231-9 ENG 1984-85) Degrees Degrees .050" dur ADV. Dur Valve lift Lobe cnt Int. Exh. Int. Exh. Int. Exh. Int. Exh. 104 214 280 290 .449 .473 112 112 114 204 214 280 290 .449 .449 .473 112 112 114 204 2050" dur ADV. Dur Valve lift Lobe cnt Int. Exh. Int. Exh. 1194 204 272 280 .424 .449 109 115 .500" dur ADV. Dur Valve lift Lobe cnt Int. Exh. Int. Exh. Int. Exh. | | | | PRING | | |
| 3pc Set | 40404 | SEAMLES | S SOLID RO | LLER CHAIN | AY BE REQUIRED) PLATES MAX. SPRING TE DAMPER INCLUDES CHAIN, CAST IRON CAM WAY CRANK SPROCKET 1-G ENG 1978, 231-2 es Degrees Degrees lift Lobe cntr. Separation xh. Int. Exh. 473 112 112 112 449 109 119 114 449 109 119 114 es Degrees Degrees lift Lobe cntr. Separation xh. Int. Exh. 542 107 117 112 EAK-IN LUBRICANT. O PREVENT SCORING NE START UP. 40Z ER COMPATIBLE. F. USE (VS-380). NOT | | | |
| · · · | | Bore (231-A | ENG 1977 | | | | | |
| ENG 1978-79, 231-3 ENG 1978- | 87, 231-8 1983, | 231-9 ENG | i 1984-85) | | | | | |
| Torque Camshaft | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| HYD. IMPROVES MID-RANGE PERF. CHECK FOR COIL BIND. | MTB-1 | | | | | 112 | | |
| USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 1200-4700. | | | | | | | | |
| D. IMPROVES LOW-MID RF. CHECK FOR COIL BIND. E [VS-380] SPRING W/ STALLED HGT. OF 1.72. ASS I. NOT CALIFORNIA MPLIANT. NOT COMPUTER MPATIBLE. POWER RANGE 0-4500. | MTB-2 | 194 204 | 272 280 | .424 .449 | 109 119 | 114 | | |
| Camshafts Using Hydraulic Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | 21300 | | | | | 112 | | |
| Mell Lube | M-10012 | PLATES W | /EAR SURF/ ING DURIN | ACES TO PF | REVENT SC | ORING | | |
| Torque Cam Lifter Kit | CL-MTB-1 | IMPROVES CALIFORN CAM, 12-[, FOR COIL HGT. OF 1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. | | | | | |
| | CL-MTB-2 | CLASS I H IMPROVE CALIFORN CAM, 12-[J | YD. NOT CO S LOW-MID IIA COMPLI/ IB-969] LIFT | PERF. USE ANT. KIT INC ERS & 40Z I | (VS-380). N CLUDES 1-[N MELL LUBE | OT MTB-2] . CHECK | | |
| | | HGT. OF 1 | .72. | | | intr. Separation intr. Separation intr. 12 112 12 112 19 114 19 114 intr. Separation intr. Sepa | | |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|---|------------------|--|-------------------------|-------------|------------|-----------------------|--|
| 2 | | | | | | | | |
| - | | | • | | 07,201 0 | | 2012 | |
| | Hydraulic Flat Tappet Lifters | 299704 | ANTI-PUM | P UP, SET A | | SH; MUST B | E USED W/ | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-380 | 30 Bore (231-A ENG 1977-87, 231-G ENG 1978, 231-2 83, 231-9 ENG 1984-85) ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED WADJUSTABLE VALVE TRAIN STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED) MAXIMUM SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. NOTE: DO NOT USE DAMPER WITH THIS SET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET Bore Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. 204 214 280 290 .449 .473 112 112 112 112 112 114 Int. Exh. Int. Exh. Int. 204 214 280 290 .424 .449 109 119 114 Int. Exh. Int. Exh. Int. ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] | | | | | |
| | Chrome Moly Push Rods | 500574 | 33, 231-9 ENG 1984-85) ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W. ADJUSTABLE VALVE TRAIN STOCK REPLACEMENT. USE WITH [MTB-1] & [MTB-2] CAMSHAFTS (MACHINING MAY BE REQUIRED) MAXIMUM SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. NOTE: DO NOT USE DAMPER WITH THIS SET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET OFE Degrees Inches Degrees Degrees Degrees Degrees Degrees Degrees Degrees 0.424 272 280 A49 109 119 114 PROKET SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT | | | | | |
| | 3pc Set | 40404 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | |
| 3 | 4.1-4 (252) OHV ENG - 1980-84 | - V6 - 3.97 Bore | • | | | | | |
| | Torque Camshaft | | | Degrees ADV. Dur | | | Degrees Separation | |
| | HYD. IMPROVES MID-RANGE | MTB-1 | - | | | | 112 | |
| | PERF. CHECK FOR COIL BIND. USE (VS-380) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 1200-4700. | | | | | | | |
| | HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | MTB-2 | 194 204 | 272 280 | .424 .449 | 109 119 | 114 | |
| | 800-4500. | | | | | | | |
| | Mell Lube | M-10012 | PLATES W AND GALL | /EAR SURF/ ING DURIN | ACES TO PF | REVENT SCO | ORING | |
| | Torque Cam Lifter Kit | CL-MTB-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES MID-RANGE PERF. USE (VS-380). NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTB-1] CAM, 12-[JB-969] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED | | | | | |
| | | CL-MTB-2 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). NOT | | | | | |
| | Hydraulic Flat Tappet Lifters | 299694 | | ORY SETTI | NG | | | |
| | | 299704 | ANTI-PUM | | AT ZERO LA | SH; MUST B | E USED W/ | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-380 | | | NT. USE WIT | | | |
| | Continued on Next Page | | | | | | | |

| Part Title | Part No. | Description |
|-------------------------|-----------------------|---|
| 4.1-4 (252) OHV ENG - | | |
| Chrome Moly Push Rods | 500574 | MAXIMUM SPRING PRESSURE 350 LBS. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. |
| 3pc Set | 40404 | NOTE: DO NOT USE A DAMPER WITH THIS SET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| 4.4-J (267) ENG - 1981- | 82 - V8 - 3.50 Bore | |
| Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEAR ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. |
| | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEAR ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. |
| 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDE SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER) BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. |
| | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDI SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER) BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZ WASHER |
| 5.0-G,H,U (305) ENG - 1 | 977-87 - V8 - 3.736 B | ore |
| Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEAR ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. |
| | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEAR ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. |

PERFORMANCE - BUICK (Continued)

| Line | | | , , , , , , , , , , , , , , , , , , , |
|------|--------------------------------|------------------|---|
| No. | Part Title | Part No. | Description |
| 5 | 5.0-G,H,U (305) ENG - 1977-87 | - V8 - 3.736 Bor | e |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| 6 | 5.7-L (350) ENG - 1977-79 - V8 | - 4.000 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| 7 | 350 B,H,J,X ENG - 1972-81 - 8 | Cyl 3.800 Bore | 9 |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| | 3pc Set | 40210 | INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |

PERFORMANCE - CHEVROLET CARS & TRUCKS

| e | Part Title | Part No. | | | Description | | | | | |
|---|---|---------------|---|---|--------------|------------|-----------------------|--|--|--|
| | 173 ENG - 1980-89 - V6 - 89 MM | | | | | | | | | |
| | Torque Camshaft | | | 5 | | | _ | | | |
| | loique damanan | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Degrees Separation | | | |
| | | | - | Int. Exh. | Int. Exh. | | | | | |
| | HYD. USE (VS-380). CLASS I. | MTC-5 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | | |
| | POWER RANGE 1000-4800. | | | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 290954 | Degrees .050" dur Degrees ADV. Dur Inches Valve lift Degrees Lobe cntr. D Se Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. Se 204 214 278 288 .421 .443 107 117 Int. Stock REPLACEMENT. USE W/ [MTC-5] CAMSH USE FACTORY SETTING STOCK REPLACEMENT. USE W/ [MTC-5] CAMSH INSTALLED HGT. OF 1.72 (MACHINING MAY BE REQUIRED) 3/4 INCH OUTLET HI VOL PUMP (20% ADDL VOL OIL). CHECK FOR PAN AND CRANK CLEARANCE Degrees Degrees .050" dur Degrees ADV. Dur Degrees Valve lift Degrees Lobe cntr. D Int. Exh. Int. Exh. Int. Exh. Int. Exh. Se D 204 214 278 288 .421 .443 107 117 Se EXCLUDES VIN D, M USE FACTORY SETTING STOCK REPLACEMENT. USE W/ [MTC-5] CAMSH INSTALLED HGT. OF 1.72; EXCLUDES VIN D,M MACHINING MAY BE REQUIRED) 3/4" OUTLET HI VOL PUMP (20% ADDL VOL OF O CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | | |
| | | VS-380 | | | | | | | | |
| | Lifters | | | | .72 (IVIACHI | | 3E | | | |
| | Oil Pump | M134HV | 3/4 INCH 0 | OUTLET HI V | OL PUMP (2 | 20% ADDL V | OL OF | | | |
| | | | | | | | | | | |
| | LiftersINSTALLED HGT. OF 1.72 (MACHINING MAY BE REQUIRED)Oil PumpM134HV3/4 INCH OUTLET HI VOL PUMP (20% ADDL VOL OF OIL). CHECK FOR PAN AND CRANK CLEARANCE.189 ENG - 1990-94 - V6 - 3.504 BoreDegrees DegreesDegrees ADV. DurDegrees Valve liftDegrees Lobe cntr.Degrees SeparationHYD. USE (VS-380). (EXCLUDES VIN D, M.) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4800.MTC-5Degrees 204 214Int. Exh.Int. Exh.Int. Exh.Hydraulic Flat Tappet Lifters290954EXCLUDES VIN D, M USE FACTORY SETTING STOCK REPLACEMENT. USE W/ [MTC-5] CAMSHAFT; INSTALLED HGT. OF 1.72; EXCLUDES VIN D, M | | | | | | | | | |
| | Torque Camshaft | | | | | | | | | |
| | | | | | | | Separation | | | |
| | | | - | | | | | | | |
| | | MTC-5 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | 200054 | EXCLUDES VIN D. M USE FACTORY SETTING | | | | | | | |
| | | | STOCK REPLACEMENT. USE W/ [MTC-5] CAMSI | | | | | | | |
| | | V 3-300 | | | | | | | | |
| | Litters | | | | | | VI | | | |
| | Oil Pump | M134HV | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| | | 101104110 | | | • | | /i OIL). | | | |
| | 200 ENG - 1978-79 - V6 - 3.50 E | Bore INCLUDES | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | |
| | Mell Lube | M-10012 | T | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | | | |
| | | | PLATES W | EAR SURF | ACES TO PF | REVENT SC | ORING | | | |
| | | | AND GALL | ING DURIN | G ENGINE S | TART UP. 4 | OZ | | | |
| | | | CONTAINE | ER. | | | | | | |
| | Gear Drive Set | 48400 | NOISY - IN | ICLUDES 86 | 20 CARBUR | IZED STEE | L GEARS, | | | |
| | | | ROLLER C | AM BUTTO | N, LOCK PL | ATE AND BO | DLTS. | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | CLAIMER AN | ID RACING | ENGINES | | | |
| | | | | | | | 0=100 | | | |
| | | 48400Q | | | | | | | | |
| | | | | | , | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | ENGINES | | | |
| | 3pc Set | 48500T-9 | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | • | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | BEARINGS. | | THEOS | | | |

| | | | | REVROLE | I CARS & | TRUCKS (| Continued) | |
|-------------|---|----------------|--|--|--------------------------------------|--|-----------------------------|--|
| Line No. | Part Title | Part No. | | | Description | | | |
| 3 | 200 ENG - 1978-79 - V6 - 3.50 E | Bore INCLUDES | TRUCKS | | | | | |
| | 3pc Set | 48500W-9 | TRACK, H SEAMLES BILLET ST | OT ROD ANI S DOUBLE F EEL CAM SI | D CLAIMER ROLLER CHA PROCKET & | ENGINES. I AIN (.250" R 9 KEYWAY | NCLUDES OLLER), CRANK | |
| 4 | 229 ENG - 1980-1984 - V6 - 3.7 | 36 Bore INCLUD | DES TRUCH | (S | | | | |
| | Mell Lube | M-10012 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDE SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER) BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZ WASHER JDES TRUCKS ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. NOISY - INCLUDES 8620 CARBURIZED STEEL GEAR: ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEAR: ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEAR: ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINE UP TO 6,500 RPM. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDE SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER) BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDE SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER) BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZ WASHER ZA, NOVA) Degrees Degrees Degrees 240 250 282 290 .521 .104 108 <th>ORING</th> | | | ORING | | |
| | Gear Drive Set | 48400 | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER DES TRUCKS ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER A, NOVA) | | | | | |
| | | 48400Q | B TRUCKS RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER DES TRUCKS ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER A , NOVA) Degrees Degrees Degrees | | | | DLTS. R CODED D FOR | |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS | | | | | |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE | | | | | |
| 5 | 262 ENG - 1975-76 - 8 Cyl 3.6 | 7 Bore (MONZA | , NOVA) | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Degrees Separation | |
| | OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 | |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200. | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 | |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 | |
| | Continued on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--------------------------------|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 5 | 262 ENG - 1975-76 - 8 Cyl 3.6 | | | | Description | | |
| | Camshafts Using Mechanical | | - | | | | |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | OEM #3965754. CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | | | | | | |
| | OEM #3863151. CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | OEM #3896962. CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | 00005 | 004 004 | 004 004 | 105 105 | 110 110 | 110 |
| | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | 00001 | 000 000 | 000 000 | 400 400 | 100 110 | 100 |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 5 | 262 ENG - 1975-76 - 8 Cyl 3.6 | | NOVA) | | Becomption | | |
| | Camshafts Using Hydraulic Flat | | | 5 | | 5 | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Ocparation |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | 22000 | 221 201 | 200 001 | . 100 . 100 | 107 117 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| - | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| - | 3300-6700. CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | 22460 | 240 240 | 302 302 | .506 .506 | 100 112 | 109 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| - | Camshafts Using Hydraulic | | Derrees | Desiran | lashaa | Deswaaa | Deersee |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparation |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| - | 1500-5000 FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | 22231 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300 | | | | | | |
| | Continued on Next Page | | | | | | |

| e | Part Title | Part No. | Description | | | | | | |
|---|--|-----------------------|--|--|--------------------------------|----------------------------------|-----------------------|--|--|
| | 262 ENG - 1975-76 - 8 Cyl 3.6 | | | | Becomption | | | | |
| - | Camshafts Using Hydraulic | | | | | | | | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Degrees Separation | | |
| | | | | | | | | | |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 | | |
| | 2500-6000. | | | | | | | | |
| | Mell Lube | M-10012 | PLATES W AND GALL | /EAR SURF/ ING DURIN | ACES TO PF | PREVENT SCORING START UP. 40Z | | | |
| | Mechanical Flat Tappet Lifters | JB-992 | STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM | | | | | | |
| Ī | Hydraulic Flat Tappet Lifters | 298174 | USE FACT | ORY SETTI | NG | | | | |
| | | 298184 | | | | SH; MUST E | E USED W/ | | |
| | Hydraulic Roller Lifters | JB-2079 | Degrees .050" dur Degrees ADV. Dur Inches Valve lift Degrees Lobe cntr. Degrees Separation Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. 234 238 296 300 .538 .546 107 117 112 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. STOCK TYPE REPLACEMENT LIFTER, SPECIAL | | | | | | |
| | Hydraulic Retro-fit Roller Lifters | SB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER | | | | | | |
| F | Valve Locks | 476104 | | | | .07], [22200] | , [22000] | | |
| ŀ | Valve Spring with Mechanical | 466114 | | | | 5]. [22400] & | [22450] | | |
| | Lifters | | HARDENED 11/32" STEM OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. INNER- USE WITH [22410], [22400] & [22450] CAMS- | | | | | | |
| - | | 466274 | A, NOVA) Degrees .050° dur Degrees ADV. Dur Inches Valve lift Degrees Lobe cntr. Degrees Separa Int. Exh. Int. Exh. Int. Exh. Int. Exh. Int. Exh. 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 234 238 296 300 .538 .546 107 117 112 235 CONTAINER. STOCK TPPE REPLACEMENT LIFTER RETRO-FIT ROLLER CONTAINER. STOCK TPPE REPLACEMENT USE WITH ROLL | | | | | | |
| ſ | | 466364 | CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. 1.260 O.D. | | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-380 | [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. | | | | | | |
| | | VS-739 | STOCK RE [22401] CA | EPLACEMEN | ASM HEIGH | IT OF 1.72- | | | |
| | | 466204 | USE WITH | [22303], [22 | 305] & [2240 | 01] CAMS- N | OTE: ASM | | |
| | | 466354 | USE WITH (22213), (2 | MTC-1, (22 2203), (2232 | 110), (22115 20), (22301) (|), (22200), (2 CAMSHAFT: | 22210), S. NOTE: | | |
| L | Rocker Arms | 498404 | | | | | | | |
| - | Rocker Arm Stud | MRDS-2920 MRDS-941 | 2.560 OVE | | , | | | | |
| - | Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEA TREATED FOR GUIDE PLATES. MAX. SPRING | | | | | | |
| | | 500614 | TREATED | FOR GUIDE | | | | | |
| | | 500674 | LBS. | STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM USE FACTORY SETTING ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED 1 ADJUSTABLE VALVE TRAIN STOCK TYPE REPLACEMENT LIFTER RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398] HARDENED 11/32" STEM OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. 1.260 O.D. STOCK REPLACEMENT. USE WITH [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASI HEIGHT OF 1.72- MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (2203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (2203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (2203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED LONG SLOT 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX N 2.560 OVERALL LENGTH, 3/8" DIAMETER WITH HEX N 2.560 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. EXC. ROLLER 5/16" DIA. MAX. SPRING PRESSURE 350 LBS. EXC | | | | | |
| | | 501004 | TREATED | FOR GUIDE | PLATES (OI | NE PIECE | | | |
| L | | | 00100110 | | | LOOUNE | 550 LDO. | | |

| Line No. | Part Title | Part No. | Description | | | | | |
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| 5 | 262 ENG - 1975-76 - 8 Cyl 3.0 | | A, NOVA) | | | | | |
| | Chrome Moly Push Rods | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT | | | | | |
| | - | | TREATED FOR GUIDE PLATES. (ONE PIECE | | | | | |
| | | | CONSTRUCTION) | | | | | |
| | | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT | | | | | |
| | | | TREATED FOR GUIDE PLATES. (ONE PIECE | | | | | |
| | | MGP1004 CONSTRUCTION) 5/16" THICK-MUST BE USED WITH SCREW ARM STUDS. (FLAT) | | | | | | |
| | Guide Plates | TREATED FOR GUIDE PLATES. (ONE PLONSTRUCTION) MGP1004 5/16" THICK-MUST BE USED WITH SCREARM STUDS. (FLAT) MGP1014 3/8" THICK-MUST BE USED WITH SCREARM STUDS. (FLAT) | | | | | | |
| | | MCD1014 | | | | | | |
| | | ARM STUDS. (FLAT) MGP1014 3/8" THICK-MUST BE USED WITH SCREW-IN ROC ARM STUDS. (FLAT) MGP1024 3/8" THICK- MUST BE USED WITH SCREW-IN ROC ARM STUDS. (RAISED) | | | | | | |
| | | MGP1024 | | | | | | |
| | | | | | | | | |
| | | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER | | | | | |
| | | | ARM STUDS. (RAISED) | | | | | |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, | | | | | |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. | | | | | |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED | | | | | |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR | | | | | |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES | | | | | |
| | | 404000 | | | | | | |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, | | | | | |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED | | | | | |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR | | | | | |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES | | | | | |
| | | | UP TO 6,500 RPM. | | | | | |
| | 3pc Set | 40201 | EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES | | | | | |
| | | | DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET | | | | | |
| | | | & MULTIPLE KEYWAY CRANK SPROCKET. | | | | | |
| | | 40400 | EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES | | | | | |
| | | | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON | | | | | |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | |
| | | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | | |
| | | 405001-9 | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES | | | | | |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), | | | | | |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS | | | | | |
| | | | FIT ROLLER THRUST BEARINGS. | | | | | |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | | |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES | | | | | |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE | | | | | |
| | | | WASHER | | | | | |
| | | 40520 | EXCLUDING ROLLER CAM ENGINES, RACING | | | | | |
| | | | APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC | | | | | |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & | | | | | |
| | | | 9-MULTIPLE KEYWAY CRANK SPROCKET | | | | | |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN | | | | | |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN | | | | | |
| | | | AND CRANK CLEARANCE. | | | | | |
| | Continued on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | Description | | | | | |
|-------------|-------------------------------|-------------|---|--|--|--|--|--|
| 5 | 262 ENG - 1975-76 - 8 Cyl 3.6 | | · · · · | | | | | |
| | Oil Pump | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR | | | | | |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES | | | | | |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT | | | | | |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK | | | | | |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN | | | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN | | | | | |
| | | | AND CRANK CLEARANCE. | | | | | |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN | | | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN | | | | | |
| | | 10055 7000T | AND CRANK CLEARANCE. (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | | | |
| | | 10055-700CT | MULTIPLE PRESSURE SETTINGS, ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS, SCREW IN VALVE, OFFSET SCREEN FOR | | | | | |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES | | | | | |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT | | | | | |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK | | | | | |
| | | | RACING. | | | | | |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN | | | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. | | | | | |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN | | | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. | | | | | |
| | | 10550 | EXC CHEVY II HI VOLUME PUMP (25% ADDL VOL OF | | | | | |
| | | | OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT | | | | | |
| | | | W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. | | | | | |
| | Continued on Next Page | | CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | Continued on Next Page | | | | | | | |

| Line | | PERFURI | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | | | |
|------|------------------------|----------|---|--|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | | | |
| 5 | | | | | | | | | |
| | Oil Pump | 10551 | EXC CHEVY II - 19MM INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| - | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. | | | | | | |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. | | | | | | |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | Continued on Next Page | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | Continued on Next Page | | | | | | | | |

| Line No. | Part Title | Part No. | Description | | | | | | |
|-------------|---|----------|---|----------------------|-------------|----------------------|------------|--|--|
| 5 | 262 ENG - 1975-76 - 8 Cyl 3.6 | | | | | | | | |
| | Oil Pump | 10990C | <u>, , , , , , , , , , , , , , , , , , , </u> | PPLICATION | NS ONLY. (N | IELLING PA | TENT | | |
| | | | | | • | | | | |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR | | | | | | |
| | | | | . RELIEF VA | | | | | |
| | | | | 6 [12550] CH | | | | | |
| | | | | TH STEEL G | | | | | |
| | | | | 6. CHECK FC | | | | | |
| | Oil Pump Screen | 12557 | | SCREEN. US | | | | | |
| | On rump Screen | 12001 | | EARANCE B | | | | | |
| | | | | 3/16 TO 1/4" | | | | | |
| | | | | FIT YOUR AI | | | | | |
| | | | FOR 1055 | | | . DOLT ON | OUNEEN | | |
| | | 12558 | | | SE WITH 7 1 | /2" DEEP ST | OCK TYPE | | |
| | | 12000 | | E: CLEARA | | | | | |
| | | | - | LOWS 3/16 | - | - | - | | |
| | | | | CUSTOM F | | | - | | |
| | | 12559 | | SCREEN, US | | | | | |
| | | | | E: CLEARA | | | | | |
| | | | HOLES AL | LOWS 3/16 | TO 1/4" ADJ | USTMENT (| JP OR | | |
| | | | DOWN TO | CUSTOM F | IT YOUR AP | PLICATION | | | |
| | | 12564 | BOLT ON | SCREEN. US | SE WITH 7" | DEEP OVAL | TRACK | | |
| | | | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: | | | | | | |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | 12566 | | | | | | | |
| | | | PAN. NOT | E: MESH IS | TO THE RIG | HT. NOTE: | | | |
| | | | CLEARAN | CE BETWEE | IN THE BOL | TS AND TH | E HOLES | | |
| | | | ALLOWS 3 | 3/16" TO 1/4" | ADJUSTME | ENT UP OR I | DOWN TO | | |
| | | | | FIT YOUR A | | | | | |
| | Oil Pump Drive Shaft | 12550 | | IANCE TYPE | | | | | |
| | | | | H (150,000 F | , | | | | |
| | | | | D SHAFT RE | | IICH LOCKS | ONTO | | |
| | | | THE OIL P | UMP DRIVE | SHAFT | | | | |
| 6 | 262 ENG - 1985-04 - V6 - 4.0 Bo | ore | | | | 1 | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | EXC ROLLER LIFTERS. CLASS I. | 22113 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE IDLE-4500. | | | | | | | | |
| | Camshafts Using Hydraulic Roller Lifters | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | 1087 1004 CLASS L NOT | 22128 | Int. Exh. | Int. Exh. 273 277 | Int. Exh. | Int. Exh. 107 117 | 112 | | |
| | 1987-1994 CLASS I. NOT | 22120 | 210 214 | 213 211 | .478 .487 | | 112 | | |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1500-5000. | | 174 USE FACTORY SETTING | | | | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | | | | | | |
| | | 298184 | | P UP, SET A | | SH: MUST F | E USED W/ | | |
| | | | | BLE VALVE | | , | | | |
| | Hydraulic Roller Lifters | JB-2079 | | PE REPLAC | | TER | | | |
| | Valve Locks | 476104 | | (0 | | | | | |
| | Continued on Next Page | | | | | | | | |
| | · | 1 | I | | | | | | |

| Line | | | RMANCE - CHEVROLET CARS & TRUCKS (Continued) |
|----------|--|----------|---|
| No. 6 | Part Title 262 ENG - 1985-04 - V6 - 4.0 | Part No. | Description |
| 0 | | | |
| | Valve Spring with Hydraulic Lifters | 466354 | USE WITH (22113) CAMSHAFT, MACHINING MAY BE REQUIRED |
| | Chrome Moly Push Rods | 500314 | EXC. ROLLER CAM. 5/16" DIA. STANDARD LENGTH- |
| | | | HEAT TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500614 | EXC. ROLLER CAM. 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | 500674 | PRESSURE 350 LBS. EXC. ROLLER CAM. 3/8" DIA. MAX. SPRING PRESSURE |
| | | 500074 | 350 LBS. |
| | | 501004 | EXC. ROLLER CAM. 5/16" DIA. STANDARD LENGTH - |
| | | | HEAT TREATED FOR GUIDEPLATES (ONE PIECE |
| | | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. |
| | | 501024 | EXC. ROLLER CAM. 5/16" DIA. + .150 O/S LENGTH - |
| | | | HEAT TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | | 501034 | EXC. ROLLER CAM. 5/16" DIA. + .200 O/S LENGTH - |
| | | | HEAT TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | Gear Drive Set | 48400 | 1985-1986 NOISY - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. INCLUDES TRUCKS VIN CODES N,Z. |
| | | 48400Q | 1985-1986 QUIET - INCLUDES 8620 CARBURIZED STEEL |
| | | 404000 | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | | UP TO 6,500 RPM. INCLUDES TRUCKS VIN CODES N,Z |
| | | 48450 | 1987-1993 INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAMBUTTON, LOCK PLATE AND |
| | | | BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN |
| | | | HOLE INSERTS. RECOMMENDED FOR STREET AND |
| | | | STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 |
| | 2no Cot | 40201 | RPM. INCLUDES TRUCKS VIN CODES B,Z 1985-1985 EXC STOCK ROLLER CAM ENGS, INCLUDES |
| | 3pc Set | 40201 | TRUCKS INCLUDES DOUBLE ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. |
| | | 40400 | EXC STOCK ROLLER CAM ENGS. INCLUDES TRUCKS |
| | | | NON RACING APPLICATIONS ONLY INCLUDES DOUBLE |
| | | | SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| | | 48500T-9 | 1985-1986 TRUCKS ONLY VIN CODES N,Z. |
| | | | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | Continued on Next Page | | FIT ROLLER THRUST BEARINGS. |
| | Continued on Next Page | | |

| Line No. | Part Title | Description | |
|-------------|---------------------------------|-------------|--|
| 6 | 262 ENG - 1985-04 - V6 - 4.0 Bo | Part No. | Description |
| 0 | 3pc Set | 48500T-9 | 1985-1993 CARS ONLY VIN CODE Z. RECOMMENDED |
| | | 400001 0 | FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD |
| | | | AND CLAIMER ENGINES. INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER |
| | | | THRUST BEARINGS. |
| | | 48500W-9 | 1985-1993 CARS ONLY VIN CODE Z. RECOMMENDED |
| | | | FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD |
| | | | AND CLAIMER ENGINES. INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| | | 48500W-9 | 1985-1986 TRUCKS ONLY VIN CODES N.Z. |
| | | | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | 40520 | EXC. ROLLER CAM - INCLUDES TRUCKS RACING |
| | | 10020 | APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & |
| | | | 9-MULTIPLE KEYWAY CRANK SPROCKET |
| - | Oil Pump | M-99HV-S | MAY REQUIRE CUTTING PAN BAFFLES. HI VOL PUMP- |
| | | | MORE VOL AND PRESSURE THAN STOCK PUMP. |
| | | | INCLUDES SCREEN. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10550 | HI VOLUME PUMP (25% ADDL VOL OF OIL) - |
| | | | FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ |
| | | | STEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK |
| | | 10551 | |
| | | 10551 | HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ |
| | | | STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK |
| | | | FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |
| 7 | 265 ENG - 1955-57 - 8 Cyl 3.7 | '5 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | Continued on Neut Deve | | FIT ROLLER THRUST BEARINGS. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | | Description | | | | |
|-------------|--|------------------|-----------------------------------|---|--------------------------------------|--|-----------------------------|--|
| NO. | 265 ENG - 1955-57 - 8 Cyl 3.7 | | 1 | | | | | |
| | 3pc Set | 48500W-9 | TRACK, H SEAMLES BILLET ST | ENDED FOR OT ROD ANI S DOUBLE F EEL CAM SI T WITH +4% | D CLAIMER ROLLER CHA PROCKET & | ENGINES. I AIN (.250" R 9 KEYWAY | NCLUDES OLLER), CRANK | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | 50 Bore (INC. EL | . CAMINO, | CABALLEI | RO) | | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation | |
| | OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 | |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200. | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 | |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 | |
| | OEM # 3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 | |
| | OEM # 3965754 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600. | С-400-Р | Int. Exh. 223 223 | Int. Exh. 290 290 | .447 .447 | 110 118 | 114 | |
| | Continued on Next Page | | | | | | | |

| Line | | • | | | | | |
|------|--|-----------------|-----------|-----------|-------------|------------|------------|
| No. | Part Title | Part No. | | | Description | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | 0 Bore (INC. EL | CAMINO, | CABALLE | RO) | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | USE ONLY IN 1987 & OLDER S.B. | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | 101.001 | 070 070 | 000 404 | 101 101 | 101 |
| | USE ONLY IN 1987 & OLDER S.B. | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | | | | | | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | CHEVY ENG EQUIPPED WITH | 22114 | 200 200 | 200 200 | .420 .420 | 100 110 | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1400-4900. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1250-4750. | | | | | | |
| | OEM# 3863151. CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | | | | | | Continued) |
|------|--|-----------------|-----------|-----------|-------------|------------|------------|
| No. | Part Title | Part No. | | | Description | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | 0 Bore (INC. EL | CAMINO, | CABALLEI | RO) | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 440 |
| | USE ONLY IN 1987 & OLDER S.B. | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT CALIFORNIA | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | OEM# 3896962 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | 00015 | 010 010 | 005 005 | 400 400 | 100 110 | 110 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | 004 004 | 000 000 | 400 400 | 107 100 | 100 |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | Dent Title | Davit Na | | | Deceriation | | |
|------|---|-----------------|------------------------|-----------------------|-------------------------|-------------------------|------------|
| No. | Part Title | Part No. | | | Description | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | D Bore (INC. EL | CAMINO, | | RU) | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 00000 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | 22303 | 204 244 | 505 515 | .400 .500 | 107 117 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-III Roller Lillers | | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separation |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16]; | 22135 | 200 214 | 205 274 | .470 .490 | 100 110 | 112 |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16]; | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16]; | | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPETIANT: NOT COMPOTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16]; | ====== | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
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| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | | | |
|----------|---|------------------|---|---------------------|---------------------------|-----------------------|-------------------------|--|--|
| No. 8 | Part Title 267 ENG - 1979-82 - 8 Cyl 3.5 | Part No. | | | | | | | |
| 0 | Camshafts Using Hydraulic | | | | , | | | | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 | | |
| | ROLLER LIFTER [SB817RF16];. | | | | | | | | |
| | CLASS III. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 2500-6000. | | | | | | | | |
| | Mell Lube | M-10012 | | | ND BREAK- | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORIN AND GALLING DURING ENGINE START UP. 40Z | | | | | | |
| | | | | | a Engline a | IANI UF. 4 | 02 | | |
| | Torque Cam Lifter Kit | CL-MTC-1 | | | MPUTER C | | : | | |
| | | | | | PERF. USE | | | | |
| | | | | | ENGINES. | • • | | | |
| | | | | | UDES 1-[M] | | | | |
| | | | | | - | - / | | | |
| | | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 | | | | | | |
| | Mechanical Flat Tappet Lifters | JB-992 | USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM | | | | | | |
| | | | DESIGNED | D METERINO | SYSTEM | | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | | | | | | |
| | | 298184 | | SH; MUST BE USED W/ | | | | | |
| | | | ADJUSTABLE VALVE TRAIN STOCK TYPE REPLACEMENT LIFTER RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLL CAMSHAFTS [22135], [22136], [22237], [22238], [223 | | | | | | |
| | Hydraulic Roller Lifters | JB-2079 | | | | | | | |
| | Hydraulic Retro-fit Roller Lifters | SB817RF16 | | | | | | | |
| | Wakaa Laaba | 470404 | 11/32" STE | 237], [22238] | , [22398] | | | | |
| | Valve Locks Valve Spring with Mechanical | 476104 466114 | | | | 1101 [00/15] | 10], [22415], [22400] & | | |
| | Lifters | 400114 | | | NING MAY E | | | | |
| | Liners | | 0.D. | | | | LD 1.430 | | |
| | | 466274 | | INNER- USI | E WITH [224 | 10]. [22400] | & [22450] | | |
| | | | | | AY BE REQI | | | | |
| | | 466364 | 1.260 O.D. | | | | | | |
| | Valve Spring with Hydraulic | VS-380 | STOCK RE | PLACEMEN | IT. USE WIT | H [MTC-1], [| 22107], | | |
| | Lifters | | [22108], [2 | 2109], [2211 | 4] & [22215] | CAMS- NOT | E: ASM. | | |
| | | | | | HINING MA | | , | | |
| | | VS-739 | | | IT. USE WIT | | 22305] & | | |
| | | | | | ASM HEIGH | | | | |
| | | | | | REQUIRED (| | | | |
| | | 466204 | | | 305] & [2240 HINING MA | - | | | |
| | | 466354 | | | 2110), (2211 | | | | |
| | | 400334 | | | 20), (22301) (| | | | |
| | | | | <i>,,</i> , , | - MACHININ | | | | |
| | Rocker Arms | 498404 | LONG SLC | | | 0 | | | |
| | Rocker Arm Stud | MRDS-2920 | | | TH, 3/8" DIA | METER WIT | H HEX NUT | | |
| | | MRDS-941 | | | TH, 7/16" DI | | | | |
| | | | NUT | | | | | | |
| | Chrome Moly Push Rods | 500314 | | | LENGTH HE | | | | |
| | | | | | ROLLER 5/1 | | | | |
| | | | | | TED FOR G | JIDE PLATE | S. MAX. | | |
| | | | SPRING P | RESSURE 3 | 50 LBS. | | | | |
| | Continued on Next Page | | | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|---|
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | | |
| | Chrome Moly Push Rods | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | ····· | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 |
| | | | LBS. |
| | | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT |
| | | | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. |
| | | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | 501004 | |
| | | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | Guide Flates | MGP 1004 | ARM STUDS. (FLAT) |
| | | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | 40.4000 | |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | | UP TO 6,500 RPM. |
| | 3pc Set | 40201 | EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | • | | DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET |
| | | | & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40400 | EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | | | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 40500 | EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | Continued on Next Page | | |
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| | [| PERFOR | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | |
|-------------|---|--------------|---|--|--|--|
| Line No. | Part Title | Part No. | Description | | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.50 Bore (INC. EL CAMINO, CABALLERO) | | | | | |
| | 3pc Set | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES | | | |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), | | | |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE | | | |
| | | | WASHER | | | |
| | | 40520 | EXCLUDING ROLLER CAM ENGINES - RACING | | | |
| | | | APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC | | | |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & | | | |
| | Oil Rump | M-99HV-S | 9-MULTIPLE KEYWAY CRANK SPROCKET HI VOL PUMP- MORE VOL AND PRESSURE THAN | | | |
| | Oil Pump | INI-990V-5 | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN | | | |
| | | | AND CRANK CLEARANCE. | | | |
| | | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | |
| | | 10000 / 0001 | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR | | | |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES | | | |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT | | | |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK | | | |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN | | | |
| | | | AND CRANK CLEARANCE. | | | |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. | | | |
| | | 10000 02000 | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN | | | |
| | | | AND CRANK CLEARANCE. | | | |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS, SCREW IN VALVE, OFFSET SCREEN FOR | | | |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES | | | |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT | | | |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK | | | |
| | | | RACING. | | | |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | Continued on Next Page | | | | | |

| Line | | | | | | |
|------|-------------------------------|-------------|--|--|--|--|
| No. | Part Title | Part No. | | | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3.5 | • | | | | |
| | Oil Pump | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | |
| | | 40550 | MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF | | | |
| | | | OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT | | | |
| | | | W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. | | | |
| | | 10551 | | | | |
| | | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% | | | |
| | | | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" | | | |
| | | | DIAMETER SCREEN. CHECK FOR PAN AND CRANK | | | |
| | | | CLEARANCE. | | | |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% | | | |
| | | 10332 | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; | | | |
| | | | SHAFTS EXTENDED INTO COVER FOR SUPPORT. | | | |
| | | | RELIEF VALVE SPRING HAS SCREW IN PLUG. | | | |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE | | | |
| | | | SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR | | | |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. | | | |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT | | | |
| | | | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) | | | |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO | | | |
| | | | COVER FOR SUPPORT. REFIEF VALVE SPRING HAS | | | |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY | | | |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS | | | |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR | | | |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. | | | |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME | | | |
| | | | VERSION OF THE 10550 PUMP. | | | |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME | | | |
| | | | VERSION OF THE 10551 PUMP. | | | |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% | | | |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS | | | |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF | | | |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES | | | |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH | | | |
| | | | STEEL GUIDE. EITHER A BOLT ON OR PRESS IN | | | |
| | | | SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR | | | |
| | | | PAN AND CRANK CLEARANCE. | | | |
| | Continued on Next Page | | | | | |

| | | PERFOR | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | |
|-------------|------------------------------|------------------|---|--|--|--|
| Line No. | Part Title | Part No. | Description | | | |
| 8 | 267 ENG - 1979-82 - 8 Cyl 3. | 50 Bore (INC. EL | C. EL CAMINO, CABALLERO) | | | |
| | Oil Pump | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) | | | |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS | | | |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS | | | |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. | | | |
| | | 10990 | CHECK FOR PAN AND CRANK CLEARANCE. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% | | | |
| | | | ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN AND CRANK | | | |
| | | 400000 | | | | |
| | | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR | | | |
| | | | SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. | | | |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | Oil Pump Screen | 12557 | BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP. | | | |
| | | 12558 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. | | | |
| | | 12559 | BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. | | | |
| | | 12564 | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO | | | |
| | | 12566 | CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK | | | |
| | | | PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. | | | |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | | | Description | | |
| | Torque Camshaft | | Degrees | Degrade | Inches | Degrees | Degrees |
| | | | .050" dur | Degrees ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Coparation |
| | HYD. IMPROVES LOW-MID. | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 |
| | PERF. CHECK FOR COIL BIND. | | - | | | - | |
| | USE [VS-380] SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.72. USE | | | | | | |
| | ONLY WITH CARBURETTED | | | | | | |
| | ENGINES. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3927140 CLASS IV. NOT | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| · | POWER RANGE 3700-7300. CLASS IV. NOT CALIFORNIA | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | COMPLIANT. NOT COMPUTER | 22402 | 240 250 | 202 290 | .521 .521 | 104 100 | 100 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | COMPLIANT. NOT COMPUTER | - | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| | OEM #3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | OEM #3965754. CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | | | | | | |
| · | Camshafts Using Hydraulic Flat | | | - | | - | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Coparation |
| | CLASS II. NOT CALIFORNIA | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | | | | | | Continued) |
|------|---|----------|----------------------|----------------------|------------------------|-----------------------|-----------------------|
| No. | Part Title | Part No. | | | Description | | |
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | 7/8 Bore | 1 | 1 | 1 | 1 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH | 22108 | Int. Exh. 184 194 | Int. Exh. 260 270 | Int. Exh. .367 .398 | Int. Exh. 104 104 | 104 |
| | CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900. | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000. | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750. | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600. | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800. | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | Continued on Next Page | | | | | | |

| No. | Part Title | Part No. | | | Description | | |
|-----|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | | | | | |
| | Camshafts Using Hydraulic Flat | | Destrates | Deswaaa | Inches | Deerroop | Desires |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | USE ONLY IN 1987 & OLDER S.B. | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | 22210 | 211 211 | 207 207 | | 107 117 | 112 |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| - | 1700-5300. | 00000 | 000 001 | 004 007 | 400 400 | 100 114 | 110 |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| - | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | 22233 | | 500 500 | | 107 103 | 100 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | | | |
| - | CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | - | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| Ī | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| - | 2500-6000. | | | | 400 400 | | |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| - | 2200-5700. CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22305 | 234 244 | 303 313 | .400 .500 | 107 117 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| - | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | 200 200 | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| ŀ | Continued on Next Page | | | | | | |

| e | Part Title | Part No. | | | Description | | |
|---|--|----------|----------------------|--------------------------|---------------------------------------|-----------------------|-----------------------|
| | 283 ENG - 1957-67 - 8 Cyl 3 7 | | | | 2000011011011 | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6700. | 22401 | Int. Exh. 244 254 | Int. Exh. 313 328 | Int. Exh. .508 .533 | Int. Exh. 107 117 | 112 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3300-6800. | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500 | 22135 | Int. Exh. 206 214 | Int. Exh. 265 274 | Int. Exh. .470 .490 | Int. Exh. 108 116 | 112 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000 | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200 | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300 | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | Mell Lube | M-10012 | PLATES W | /EAR SURF/ ING DURING | ND BREAK- ACES TO PF G ENGINE S | REVENT SC | ORING |

| Line | | | | | | |
|------|------------------------------------|-----------|---|--|--|--|
| No. | Part Title | Part No. | Description | | | |
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | | | | |
| | Torque Cam Lifter Kit | CL-MTC-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. | | | |
| | | | IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY | | | |
| | | | WITH CARBURETTED ENGINES. NOT CALIFORNIA | | | |
| | | | COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] | | | |
| | | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. | | | |
| | | 18.000 | USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 | | | |
| | Mechanical Flat Tappet Lifters | JB-992 | STOCK TYPE REPLACEMENT LIFTER, SPECIAL | | | |
| | | | DESIGNED METERING SYSTEM | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | | | |
| | | 298184 | ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ | | | |
| | I hadroadia Dallan Liffana | IB 0070 | | | | |
| | Hydraulic Roller Lifters | JB-2079 | | | | |
| | Hydraulic Retro-fit Roller Lifters | SB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER | | | |
| | Valve Locks | 476104 | CAMSHAFTS [22135], [22136], [22237], [22238], [22398] HARDENED 11/32" STEM | | | |
| | Valve Spring with Mechanical | 466114 | 1957-1967 OUTER- USE WITH [22410], [22415], [22400] & | | | |
| | Lifters | 400114 | [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 | | | |
| | Litters | | 0.D. | | | |
| | | 466274 | 1957-1967 INNER- USE WITH [22410], [22400] & [22450] | | | |
| | | 400274 | CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. | | | |
| | | 466364 | 1.260 O.D. | | | |
| | Valve Spring with Hydraulic | VS-380 | STOCK REPLACEMENT. USE WITH [MTC-1], [22111], | | | |
| | Lifters | V-500 | [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: | | | |
| - | Enters | | ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED) | | | |
| | | VS-739 | STOCK REPLACEMENT. USE WITH [22303], [22305] & | | | |
| | | 10.00 | [22401] CAMS - NOTE: ASM HEIGHT OF | | | |
| | | | 1.72-MACHINING MAY BE REQUIRED. CHROME | | | |
| | | | VANADIUM | | | |
| | | 466204 | USE WITH [22303], [22305] & [22401] CAMS - NOTE: ASM | | | |
| | | | HEIGHT OF 1.72-MACHINING MAY BE REQUIRED. | | | |
| | | 466354 | USE WITH MTC-1, (22110), (22115), (22200), (22210), | | | |
| | | | (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: | | | |
| | | | ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED. | | | |
| | Rocker Arms | 498404 | LONG SLOT | | | |
| | Rocker Arm Stud | MRDS-2920 | 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT | | | |
| | | MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX | | | |
| | | | NUT | | | |
| | Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT | | | |
| | | | TREATED FOR GUIDE PLATES. MAX. SPRING | | | |
| | | 500044 | PRESSURE 350 LBS. | | | |
| | | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING | | | |
| | | | PRESSURE 350 LBS. | | | |
| | | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 | | | |
| | | 500074 | LBS. | | | |
| | | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT | | | |
| | | 501007 | TREATED FOR GUIDEPLATES (ONE PIECE | | | |
| | | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. | | | |
| | | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT | | | |
| | | JUIUET | TREATED FOR GUIDE PLATES. (ONE PIECE | | | |
| | | | CONSTRUCTION) | | | |
| | Continued on Next Page | | , | | | |
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| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|---|
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | Description |
| 3 | Chrome Moly Push Rods | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | on one moly rush hous | 501054 | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48400 | 1967-1967 NOISY - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | | ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY. |
| | | 48400 | 1959-1967 NOISY - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. TRUCKS ONLY. |
| | | 48400Q | 1959-1967 QUIET - INCLUDES 8620 CARBURIZED STEEL |
| | | 404000 | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS, RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | | ENGINES UP TO 6,500 RPM. TRUCKS ONLY. |
| | | 48400Q | 1967-1967 QUIET - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | | ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY. |
| | 3pc Set | 40201 | 1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | TRUCKS ONLY INCLUDES DOUBLE ROLLER CHAIN, |
| | | | CAST IRON CAM SPROCKET & MULTIPLE KEYWAY |
| | | | |
| | | 40201 | 1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. |
| | | | CAR APPLICATIONS ONLY. INCLUDES DOUBLE |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40400 | 1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. |
| | | 10100 | CAR APPLICATIONS ONLY. INCLUDES DOUBLE |
| | | | SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| | | 40400 | 1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | TRUCKS ONLY INCLUDES DOUBLE SEAMLESS SOLID |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET & |
| | | | MULTIPLE KEYWAY CRANK SPROCKET |
| | | 40500 | 1959-1967 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | TRUCKS ONLY INCLUDES SINGLE SEAMLESS SOLID |
| | | | ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|--|
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | Description |
| 9 | 3pc Set | 40500 | 1967-1967 EXCLUDES STOCK ROLLER CAM ENGINES. |
| | Spc Set | 40300 | CAR APPLICATIONS ONLY. INCLUDES SINGLE |
| | | | SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), |
| | | | CAST IRON CAM SPROCKET & MULTIPLE KEYWAY |
| | | | CRANK SPROCKET. |
| | | 48500T-9 | 1967-1967 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | CAR APPLICATIONS ONLY. INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER |
| | | | THRUST BEARINGS. |
| | | 48500T-9 | 1959-1967 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | TRUCKS ONLY INCLUDES SEAMLESS DOUBLE ROLLER |
| | | | CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET |
| | | | & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM |
| | | 48500W-9 | ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. 1959-1967 RECOMMENDED FOR STREET AND STRIP, |
| | | 4050077-9 | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | TRUCKS ONLY INCLUDES SEAMLESS DOUBLE ROLLER |
| | | | CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET |
| | | | & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM |
| - | | | ADJUSTMENT. BRONZE WASHER |
| | | 48500W-9 | 1967-1967 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | CAR APPLICATIONS ONLY INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| | | 40520 | 1967-1967 RACING APPLICATIONS ONLY. EXCLUDES |
| | | | STOCK ROLLER CAM ENGINES. CAR APPLICATIONS |
| | | | ONLY. INCLUDES 3/8" HY-VO TEC CHAIN, CAM |
| | | | SPROCKET WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET |
| | | 40520 | 1959-1967 RACING APPLICATIONS ONLY. EXCLUDING |
| | | 40320 | STOCK ROLLER CAM ENGINES. TRUCKS ONLY |
| | | | INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET |
| | | | WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY |
| | | | CRANK SPROCKET |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | TAGING, OFLOCT OF LAN AND CHAINE CLEARANCE. |
| | Continued on Next Fage | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | |
|------|--------------------------------------|-------------|---|--|--|--|
| No. | Part Title | Part No. | Description | | | |
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7/8 Bore | | | | | |
| | Oil Pump | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK RACING. | | | |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | Continued on Neut Dese | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | Continued on Next Page | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|--|
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | Description |
| 5 | Oil Pump | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% |
| | | 10332 | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; |
| | | | SHAFTS EXTENDED INTO COVER FOR SUPPORT. |
| | | | RELIEF VALVE SPRING HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. REFIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME |
| | | | VERSION OF THE 10550 PUMP. |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME |
| | | | VERSION OF THE 10551 PUMP. |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH |
| | | | STEEL GUIDE. EITHER A BOLT ON OR PRESS IN |
| | | | SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR |
| | | 405550 | PAN AND CRANK CLEARANCE. |
| | | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES, EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN |
| | | | PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES |
| | | | STOCK SPRING. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION |
| | | | GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line | PERFORMANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | | | | |
|--|---|-----------------|---|---|-----------------------------------|---|-----------------------|--|
| No. | Part Title | Part No. | | | Description | | | |
| 9 | 283 ENG - 1957-67 - 8 Cyl 3 7 | | | | | | | |
| | Oil Pump Screen | 12557 | NOTE: CLI ALLOWS 3 | SCREEN. US EARANCE B 3/16 TO 1/4" FIT YOUR AI 5 PUMP. | ETWEEN TH ADJUSTME | HE BOLTS A NT UP OR D | ND HOLES OWN TO | |
| | | 12558 | PAN. NOT HOLES AL | | NCE BETWE TO 1/4" ADJ | EEN THE BO | | |
| 12559 BOLT ON SCREEN. USE WITH 8" DE PAN. NOTE: CLEARANCE BETWEE HOLES ALLOWS 3/16 TO 1/4" ADJUS DOWN TO CUSTOM FIT YOUR APP | | | | | | H 8" DEEP STOCK TYPE TWEEN THE BOLTS AND ADJUSTMENT UP OR | | |
| | | 12564 | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. | | | | | |
| | | 12566 | | | | | | |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | |
| 10 | 292 ENG - 1964-72 - V6 | | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | FULL RACE CAM. | CCR-9 | | 276 268 | | | 0 | |
| | Mell Lube | M-10012 | PLATES W AND GALL CONTAINE | | ACES TO PF | REVENT SC | ORING | |
| 11 | 4.8-A,C,V (293) ENG - 1999-11 | - 8 Cyl 3.78 Bo | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Oil Pump | 10295 | COATING. SCREEN. | D VOLUME. SCREW IN | VALVE. USE | ES 7/8" BOL | T ON | |
| | | 10296 | VALVE. US OPTIONAL | E 18%. PRC SES 7/8" BO L HI PRESSU NK CLEARAI | LT ON SCRE JRE SPRINC | EEN. INCLU | DES | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|------------------------------------|-----------------------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | | | | | | |
| | Torque Camshaft | | | | , | _ | |
| | l'orque oumsnure | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Coparation |
| | HYD. IMPROVES LOW-MID. | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 |
| | PERF. CHECK FOR COIL BIND. | | 201 211 | 270 200 | | 107 117 | |
| | USE [VS-380] SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.72. USE | | | | | | |
| | ONLY WITH CARBURETTED | | | | | | |
| | ENGINES. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3927140 CLASS IV. NOT | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3700-7300. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 2700-6200. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | COMPLIANT. NOT COMPUTER | 22404 | 200 200 | 290 290 | .000 .000 | 99 111 | 105 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| · | OEM # 3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | OEM # 3965754 CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 0 (00 D | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 2100-5600. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | CHEVY ENG EQUIPPED WITH | 22101 | 200 200 | 200 200 | .+00 .+00 | 107 113 | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| 1 | Continued on Next Page | | | | | | |

| Line | | | | | | | Continued) |
|------|---|---------------|-----------------------------------|----------------------------------|-----------------------------------|------------------------------------|-----------------------|
| No. | Part Title | Part No. | | | Description | | |
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | Bore (SPECIAL | ENGINE F | OR CAMA | RO) | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1400-4900. | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1500-5000. | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1250-4750. | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | OEM# 3863151. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600. | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | USE ONLY IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 CID V8. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | OEM# 3896962 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5800. | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | | | | | | |
| 12 | Camshafts Using Hydraulic Flat | | | | , | _ | _ |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | USE ONLY IN 1987 & OLDER S.B. | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | USE ONLY IN 1987 & OLDER S.B. | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | CHEVY ENG EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | 0 | | 207 207 | | 100 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | 400 400 | | |
| | CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | 22200 | | | | 112 112 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | 00005 | 004 044 | 000.010 | 400 500 | 107 117 | 110 |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | 200 200 | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
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| Line No. | Part Title | Part No. | Description | | | | |
|-------------|---|----------|---------------------------------------|---------------------|----------------------|-----------------------|-----------------------|
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | | · · · · · · · · · · · · · · · · · · · | | | | |
| | Camshafts Using Hydraulic Flat | | | | , | D | D |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Ocparation |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | 22-101 | | 010 020 | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | 22150 | 210 200 | 204 010 | .+70 .+00 | 100 114 | 110 |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | | 00000 | 015 015 | 004 004 | 470 470 | 100 114 | 110 |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS III. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Mell Lube | M-10012 | - | SSEMBLY A | | | |
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| | Continued on Next Page | | | _1 (. | | | |
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| Part Title | Part No. | Description |
|------------------------------------|-----------|--|
| 302 ENG - 1967-69 - 8 Cyl. 4.00 | | |
| Torque Cam Lifter Kit | CL-MTC-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. |
| | | IMPROVES LOW-MID. PERF. USE (VS-380). USE ONLY |
| | | WITH CARBURETTED ENGINES. NOT CALIFORNIA |
| | | COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] |
| | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. |
| | | USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 |
| Mechanical Flat Tappet Lifters | JB-992 | STOCK TYPE REPLACEMENT LIFTER, SPECIAL |
| | | DESIGNED METERING SYSTEM |
| Hydraulic Flat Tappet Lifters | 298174 | USE FACTORY SETTING |
| | 298184 | ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ |
| | | ADJUSTABLE VALVE TRAIN |
| Hydraulic Roller Lifters | JB-2079 | STOCK TYPE REPLACEMENT LIFTER |
| Hydraulic Retro-fit Roller Lifters | SB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER |
| | | CAMSHAFTS [22135], [22136], [22237], [22238], [22398] |
| Valve Locks | 476104 | HARDENED 11/32" STEM |
| Valve Spring with Mechanical | 466114 | 1967-1969 OUTER- USE WITH [22410], [22415], [22400] & |
| Lifters | | [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 |
| | | O.D. |
| | 466274 | 1967-1969 INNER- USE WITH [22410], [22400] & [22450] |
| | | CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. |
| | 466364 | 1.260 O.D. |
| Valve Spring with Hydraulic | VS-380 | STOCK REPLACEMENT. USE WITH [MTC-1], [22111], |
| Lifters | | [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: |
| | 10 700 | ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED) |
| | VS-739 | STOCK REPLACEMENT. USE WITH [22303], [22305] & |
| | | [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- |
| | 400004 | MACHINING MAY BE REQUIRED CHROME VANADIUM USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM |
| | 466204 | HEIGHT OF 1.72- MACHINING MAY BE REQUIRED |
| | 466354 | USE WITH MTC-1, (22110), (22115), (22200), (22210), |
| | 400334 | (22213), (22203), (2230), (22301) CAMSHAFTS. NOTE: |
| | | ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED. |
| Rocker Arms | 498404 | LONG SLOT |
| Rocker Arm Stud | MRDS-2920 | 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT |
| | MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX |
| | | NUT |
| Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT |
| | | TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 |
| | | LBS. |
| | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT |
| | | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. |
| | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | CONSTRUCTION) |
| | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | CONSTRUCTION) |
| Continued on Next Page | 1 | |

| Line | | | RMANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | |
|------|------------------------|----------|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | |
| 12 | | | | | | | |
| | Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER | | | | |
| | | NODIAL | | | | | |
| | | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER | | | | |
| | | MGP1024 | ARM STUDS. (FLAT) 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER | | | | |
| | | MGP 1024 | ARM STUDS. (RAISED) | | | | |
| | | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER | | | | |
| | | Mai 1004 | ARM STUDS. (RAISED) | | | | |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, | | | | |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. | | | | |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED | | | | |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR | | | | |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES | | | | |
| | | | UP TO 6,500 RPM. | | | | |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, | | | | |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. | | | | |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED | | | | |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR | | | | |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES | | | | |
| | | | UP TO 6,500 RPM. | | | | |
| | 3pc Set | 40201 | EXCLUDES STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET | | | | |
| | | | & MULTIPLE KEYWAY CRANK SPROCKET. | | | | |
| - | | 40400 | EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES | | | | |
| | | 40400 | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON | | | | |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | |
| | | | SPROCKET | | | | |
| | | 40500 | EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES | | | | |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" | | | | |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE | | | | |
| | | | KEYWAY CRANK SPROCKET. | | | | |
| | | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES | | | | |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), | | | | |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS | | | | |
| | | 48500W-9 | FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | |
| | | 4050079 | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES | | | | |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), | | | | |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE | | | | |
| | | | WASHER | | | | |
| | | 40520 | EXCLUDES STOCK ROLLER CAM ENGINES. RACING | | | | |
| | | | APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC | | | | |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & | | | | |
| | | | 9-MULTIPLE KEYWAY CRANK SPROCKET | | | | |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN | | | | |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN | | | | |
| | | | AND CRANK CLEARANCE. | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|---------------------------------|-------------|--|
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | | • |
| | Oil Pump | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF |
| | | | OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT |
| | | | W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |
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| Line | | FERFORI | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|---------------------------------|---------------|---|
| No. | Part Title | Part No. | Description |
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | Bore (SPECIAL | , |
| | Oil Pump | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | 10552C | SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | 100020 | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description | | | | | |
|-------------|---------------------------------|----------------|--|-----------|--------------|--------------------------------|------------|--|
| 12 | 302 ENG - 1967-69 - 8 Cyl. 4.00 | | | | | | | |
| | Oil Pump | 10990C | | | NS ONLY. (M | | TENT | |
| | | 105500 | | | E PUMP (25% | | | |
| | | | , | | | | , | |
| | | | | | LVE HAS S | | | |
| | | | | | ROME MOL | - | | |
| | | | | | UIDE. HAS | | | |
| | | | - | | OR PAN AND | - | - | |
| | Oil Pump Screen | 12557 | | | SE W/7" DEE | | | |
| | On Fullip Screen | 12557 | | | ETWEEN TH | | | |
| | | | | | | | | |
| | | | ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DO CUSTOM FIT YOUR APPLICATION. BOLT ON S FOR 10555 PUMP. | | | | | |
| | | | | | | | | |
| | | 12558 | | | SE WITH 7 1 | | | |
| | | 12556 | | | | | | |
| | | | - | - | TO 1/4" ADJ | - | - | |
| | | | | | IT YOUR AP | | - | |
| | | 12559 | | | SE WITH 8" I | | | |
| | | 12559 | | | NCE BETWE | | | |
| | | | | | TO 1/4" ADJ | | | |
| | | | | | | | - | |
| | | 12564 | | | | PPLICATION. DEEP OVAL TRACK | | |
| | | 12304 | | HT. NOTE: | | | | |
| | | | - | | | TS AND THE HOLES | | |
| | | | | | | | | |
| | | | | | | | DOWN TO | |
| | | 12566 | CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK | | | | | |
| | | 12300 | | | TO THE RIG | | AL THACK | |
| | | | - | | EN THE BOL | - | | |
| | | | - | - | | - | | |
| | | | | | PPLICATION | | | |
| | Oil Pump Drive Shaft | 12550 | | | | | | |
| | On Pump Drive Shart | 12550 | | | PSI) CHROM | | | |
| | | | | • | TAINER WH | | | |
| | | | _ | UMP DRIVE | | | ONIO | |
| 10 | | | | | SHALL | | | |
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | 4 Bore (INCLUL | | (5) | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | 1982-1987 HYD. IMPROVES | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 | |
| | LOW-MID. PERF. CHECK FOR | | | | | | | |
| | COIL BIND. USE [VS-380] | | | | | | | |
| | SPRING W/INSTALLED HGT. OF | | | | | | | |
| | 1.72. USE ONLY WITH | | | | | | | |
| | CARBURETTED ENGINES. | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1000-4500. | | | | | | | |
| | Continued on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | | DES TRUCH | | • | | |
| | Camshafts Using Mechanical | | | | linghag | Desman | Deerroop |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1982-1987 OEM #3927140 CLASS | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | IV. NOT CALIFORNIA | 22100 | 207 270 | 001 020 | | 100 110 | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2700-6200. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3700-7300. | | | | | | |
| | 1982-1987 OEM #3849346 CLASS | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | IV. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3600-7200. | | | | | | |
| | 1982-1987 OEM #3965754. | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CLASS IV. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3600-7200. | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tapper Liners | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | C-400-P | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 114 |
| | 1982-1987 CLASS II. NOT | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 2100-5600. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | OLDER S.B. CHEVY ENG | 22107 | 200 200 | 200 200 | .400 .400 | 107 115 | 110 |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | | | | Description | | |
| 13 | | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1982-1987 USE ONLY IN 1987 & | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | 000 404 | | |
| | 1987-1993 CLASS I. NOT | 22111 | 194 204 | 270 278 | .398 .421 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | OLDER S.B. CHEVY ENG | 22114 | 200 200 | 200 200 | .+20 .+20 | 100 110 | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1400-4900. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | | | | | | | |
| | CARBURETTED 267-350 CID V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1250-4750. 1982-1987 OEM# 3863151. | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CLASS II. NOT CALIFORNIA | 22200 | 223 223 | 290 290 | .447 .447 | 110 110 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 1700-5200. | | | | | | |
| | Continued on Next Page | | | | | | |
| | Communed on Moxer age | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------------|-----------|-----------|-------------|------------|------------|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | 4 Bore (INCLUE | DES TRUCH | (S) | | | |
| | Camshafts Using Hydraulic Flat | • | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1982-1987 OEM# 3896962 CLASS | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | II. NOT CALIFORNIA | - | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5000. | | | | | | |
| | 1982-1987 CLASS II. NOT | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5300. | | | 004 007 | 400 400 | | |
| | 1982-1987 CLASS II. NOT | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5700. | | 004 004 | 000 000 | 400 400 | 107 100 | 100 |
| | 1982-1987 CLASS II. NOT | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| · | POWER RANGE 2200-5800. | 00004 | 224 220 | 202 201 | 190 196 | 107 113 | 110 |
| | 1982-1987 CLASS II. NOT CALIFORNIA COMPLIANT. NOT | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5500. | | | | | | |
| | 1982-1987 CLASS II. NOT | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | CALIFORNIA COMPLIANT. NOT | 0 | | | .100 .400 | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | Continued on Next Page | | | | | | |
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| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------------|-----------|-----------|-------------|------------|------------|
| | | | | | Description | | |
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | 4 DORE (INCLUL | | (3) | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | rapper Liners | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 00005 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 |
| | 1982-1987 CLASS III. NOT | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2700-6200. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 22320 | 230 230 | 304 304 | .433 .433 | 112 110 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | 22.101 | 211 201 | 010 020 | .000 .000 | 107 117 | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3300-6700. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1987-1993 CLASS I. NOT | 22129 | 198 210 | 273 288 | .434 .462 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4500. | | | | | | |
| | 1987-1993 CLASS I. NOT | 22131 | 207 214 | 271 280 | .410 .427 | 117 117 | 117 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | 1987-1987 305 ONLY. CLASS I. | 22221 | 197 206 | 261 276 | .433 .450 | 105 114 | 109 |
| | NOT CALIFORNIA COMPLIANT. | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4500. 1987-1993 CLASS II. NOT | 22298 | 000 000 | 007 007 | 470 501 | 109 119 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 22290 | 222 232 | 297 307 | .478 .501 | 109 119 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5500. | | | | | | |
| · | 1987-1993 CLASS III. NOT | 22397 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | 22007 | 201 200 | 200 000 | .000 .010 | 107 117 | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6200. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTERS [SB817RF16] | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500 | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | | | |
|-------------|--|-----------|-----------|------------|---------------------------|------------|------------|--|--|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | | DES TRUCI | | • | | | | |
| | Camshafts Using Hydraulic | · · · | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 | | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1500-5000 | | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 | | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | | |
| | AND [SB079RF16] CLASS II. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1700-5200 | | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 | | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | | |
| | AND [SB079RF16] CLASS II. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1700-5300 | 00000 | 004 000 | 000.000 | 500 540 | 107 117 | 112 | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 | | |
| | ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS III. | | | | | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | Y AND BREAK-IN LUBRICANT. | | | | |
| | | | | | ACES TO PF | | | | |
| | | | _ | | G ENGINE S | | | | |
| | | | CONTAINE | ER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTC-1 | 1982-1987 | CLASS I HY | D. NOT COI | MPUTER | | | |
| | | | COMPATIE | BLE. IMPRO | VES LOW-M | ID PERF. U | SE | | |
| | | | | | VITH CARBL | | | | |
| | | | | | MPLIANT. KI | | | | |
| | | | | - | ERS & 4OZ I | | | | |
| | | | | | [VS-380] SPI | RING W/INS | TALLED | | |
| | | | HGT. OF 1 | | | | | | |
| | Mechanical Flat Tappet Lifters | JB-992 | | | PE REPLACE | | ⊏H, | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | | ORY SETTING | | | | |
| | nyuraune nat rappet Linters | 298184 | | | P UP, SET A | | SH: MUST | | |
| | | 200104 | | | | | | | |
| | Hydraulic Roller Lifters | JB-2079 | | | PE REPLACE | | ER | | |
| | Hydraulic Retro-fit Roller Lifters | SB079RF16 | | | LIFTER FO | | | | |
| | • | | | | 22135], [221 | | | | |
| | | | [22398] | • | | | | | |
| | | SB817RF16 | 1976-1985 | RETRO-FIT | LIFTER FO | R USE W/ R | ETRO-FIT | | |
| | | | ROLLER C | AMSHAFTS | [22238], [22 | 398] | | | |
| | Valve Locks | 476104 | 1982-1987 | HARDENED |) 11/32" STE | М | | | |
| | Valve Spring with Mechanical | 466114 | | | SE WITH [224 | | | | |
| | Lifters | | | MS- MACHI | NING MAY E | BE REQUIRE | ED 1.430 | | |
| | | | O.D. | | | | | | |
| | Continued on Next Page | | | | | | | | |

| e | Part Title | Part No. | Description |
|---|--------------------------------|-------------|---|
| } | 305 ENG - 1976-93 - 8 Cyl 3 | | |
| | Valve Spring with Mechanical | 466274 | 1982-1987 INNER- USE WITH [22410], [22400] & [22450] |
| | Lifters | | CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. |
| F | | 466364 | 1982-1987 1.260 O.D. |
| ľ | Valve Spring with Hydraulic | VS-380 | 1982-1987 STOCK REPLACEMENT. USE WITH [MTC-1], |
| | Lifters | | [22111], [22107], [22108], [22109], [22114] & [22215] |
| | | | CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY |
| | | | BE REQUIRED) |
| | | VS-739 | 1982-1987 STOCK REPLACEMENT. USE WITH [22303], |
| | | | [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- |
| ļ | | | MACHINING MAY BE REQUIRED CHROME VANADIUM |
| | | 466204 | 1982-1987 USE WITH [22303], [22305] & [22401] CAMS- |
| | | | NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE |
| ļ | | | |
| | | 466354 | 1982-1987 USE WITH MTC-1, (22110), (22115), (22200), |
| | | | (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. |
| | | | NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE |
| + | Deeker Arme | 498404 | REQUIRED. 1982-1987 LONG SLOT |
| ┝ | Rocker Arms Rocker Arm Stud | MRDS-2920 | 1982-1987 2.325 OVERALL LENGTH, 3/8" DIAMETER |
| | | MIND 3-2920 | WITH HEX NUT |
| ╞ | | MRDS-941 | 1982-1987 2.560 OVERALL LENGTH, 7/16" DIAMETER |
| | | | WITH HEX NUT |
| F | Chrome Moly Push Rods | 500314 | 1982-1987 EXC. ROLLER 5/16" DIA. STANDARD |
| | 2 | | LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. |
| | | | SPRING PRESSURE 350 LBS. |
| Γ | | 500614 | 1982-1987 EXC. ROLLER 5/16" DIA. + .100 O/S |
| | | | LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. |
| | | | SPRING PRESSURE 350 LBS. |
| | | 500674 | 1982-1987 EXC. ROLLER 3/8" DIA. MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 501004 | 1982-1987 EXC. ROLLER 5/16" DIA. STANDARD LENGTH |
| | | | - HEAT TREATED FOR GUIDEPLATES (ONE PIECE |
| - | | 501004 | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. 1982-1987 EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - |
| | | 501024 | HEAT TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| F | | 501034 | 1982-1987 EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH · |
| | | 001004 | HEAT TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| F | Guide Plates | MGP1004 | 1982-1987 5/16" THICK-MUST BE USED WITH |
| | | | SCREW-IN ROCKER ARM STUDS. (FLAT) |
| Ī | | MGP1014 | 1982-1987 3/8" THICK-MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS. (FLAT) |
| | | MGP1024 | 1982-1987 3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS. (RAISED) |
| | | MGP1034 | 1982-1987 5/16" THICK- MUST BE USED WITH |
| ļ | | | SCREW-IN ROCKER ARM STUDS. (RAISED) |
| | Gear Drive Set | 48400 | 1984-1988 NOISY - INCLUDES 8620 CARBURIZED STEE |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. CAR APPLICATIONS ONLY |
| | | | |

| Line | | | RMANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|---------------------------|------------------|---|
| No. | Part Title | Part No. | Description |
| 13 | 305 ENG - 1976-93 - 8 Cyl | 3.74 Bore (INCLU | IDES TRUCKS) |
| | Gear Drive Set | 48400 | 1976-1993 NOISY - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | | ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY |
| | | 48400Q | 1976-1993 QUIET - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | | ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY |
| | | 48400Q | 1984-1988 QUIET - INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND |
| | | | BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR |
| | | | CODED DOWEL PIN HOLE INSERTS. RECOMMENDED |
| | | | FOR STREET AND STRIP, CLAIMER AND RACING |
| | | 40450 | ENGINES UP TO 6,500 RPM. CAR APPLICATIONS ONLY. |
| | | 48450 | 1987-1993 INCLUDES 8620 CARBURIZED STEEL |
| | | | GEARS, ROLLER CAMBUTTON, LOCK PLATE AND |
| | | | BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN |
| | | | HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 |
| | | | RPM. CAR APPLICATIONS ONLY |
| | 3pc Set | 40201 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, |
| | Spc Sec | 40201 | CARS AND TRUCKS INCLUDES DOUBLE ROLLER |
| | | | CHAIN, CAST IRON CAM SPROCKET & MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. |
| | | 40400 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, |
| | | 10100 | CARS AND TRUCKS INCLUDES DOUBLE SEAMLESS |
| | | | SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & |
| | | | MULTIPLE KEYWAY CRANK SPROCKET |
| | | 40500 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES, |
| | | | CARS AND TRUCKS INCLUDES SINGLE SEAMLESS |
| | | | SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. EXC. VIN E |
| | | | AND CA EMISSIONS. INCLUDES SEAMLESS DOUBLE |
| | | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ |
| | | | -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST |
| | | | BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. EXCLUDES |
| | | | VIN E AND CA EMISSIONS INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|--|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | | |
| | 3pc Set | 40520 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | Spc Sec | 40320 | RACING APPLICATIONS ONLY. CARS AND TRUCKS |
| | | | INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET |
| | | | WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY |
| | | | CRANK SPROCKET |
| | Oil Pump | M-99HV-S | 1982-1987 HI VOL PUMP- MORE VOL AND PRESSURE |
| | | | THAN STOCK PUMP. INCLUDES SCREEN. CHECK FOR |
| | | | PAN AND CRANK CLEARANCE. |
| | | 10050-700CT | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET |
| | | | SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE |
| | | | TRACK RACING. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10050-750SS | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN |
| | | | FOR 7.5" PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | | STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-825SS | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | 10030-02333 | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET, HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN |
| | | | FOR 8.25" PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | | STREET AND STRIP. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10055-700CT | 1982-1987 (MELLING PATENT 5,810,571) STANDARD |
| | | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET |
| | | | SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE |
| | | 10055-750SS | TRACK RACING. 1982-1987 (MELLING PATENT 5,810,571) STANDARD |
| | | 10055-75055 | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS, SCREW IN VALVE, SCREEN |
| | | | FOR 8.25" PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | | STREET AND STRIP. |
| | Continued on Next Page | | |
| | | 1 | 1 |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|---------------|---|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | 4 Bore (INCLU | · · · · |
| | Oil Pump | 10055-825SS | 1982-1987 (MELLING PATENT 5,810,571) STANDARD |
| | | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN |
| | | | FOR 7.5" PAN INTEGRATED INTO PUMP BODY. |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | | STREET AND STRIP. |
| | | 10550 | 1982-1987 EXC CHEVY II HI VOLUME PUMP (25% ADDL |
| | | | VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S |
| | | | SHAFT W/STEEL GUIDE. USES 5/8" DIAMETER |
| | | | SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10551 | 1982-1987 EXC CHEVY II - 19MM INLET HI VOLUME |
| | | | PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL |
| | | | GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/ |
| | | | 4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | 10552 | PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL |
| | | | GEARS; SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT. RELIEF VALVE SPRING HAS SCREW IN |
| | | | PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A |
| | | | BOLT ON OR PRESS IN SCREEN CAN BE USED WITH |
| | | | THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552C | 1982-1987 RACING APPLICATIONS ONLY. (MELLING |
| | | | PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL |
| | | | OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. REFIEF |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH |
| | | | STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. |
| | | | EITHER A BOLT ON OR PRESS IN SCREEN CAN BE |
| | | | USED WITH THIS PUMP. CHECK FOR PAN AND CRANK |
| | | | |
| | | 10553 | 1982-1987 FEATURES STEEL GEARS; STANDARD |
| | | 40554 | VOLUME VERSION OF THE 10550 PUMP. |
| | | 10554 | 1982-1987 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. |
| | | 10555 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | 10555 | PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL |
| | | | GEARS; SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT. RELIEF VALVE SPRING HAS SCREW IN |
| | | | PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A |
| | | | BOLT ON OR PRESS IN SCREEN CAN BE USED WITH |
| | | | THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|--|
| 13 | 305 ENG - 1976-93 - 8 Cyl 3.7 | | |
| | Oil Pump | 10555C | 1982-1987 RACING APPLICATIONS ONLY. (MELLING |
| | | | PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL |
| | | | OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH |
| | | | STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. |
| | | | EITHER A BOLT ON OR PRESS IN SCREEN CAN BE |
| | | | USED WITH THIS PUMP. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10990 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME |
| | | | PUMP (25% ADDL VOLUME) FEATURES: SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF |
| | | | VALVE HAS SCREW IN PLUG. INCLUDES [12550] |
| | | | CHROME MOLY INTERMEDIATE SHAFT WITH STEEL |
| | | | GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10990C | 1982-1987 RACING APPLICATIONS ONLY. (MELLING |
| | | | PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL |
| | | | OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER |
| | | | FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION |
| | 011 0 | 40557 | GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Screen | 12557 | 1982-1987 BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS |
| | | | AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON |
| | | | SCREEN FOR 10555 PUMP. |
| | | 12558 | 1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP |
| | | 12000 | STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE |
| | | | BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT |
| | | | UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12559 | 1982-1987 BOLT ON SCREEN. USE WITH 8" DEEP |
| | | | STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE |
| | | | BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT |
| | | | UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12564 | 1982-1987 BOLT ON SCREEN. USE WITH 7" DEEP OVAL |
| | | | TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES |
| | | | ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | 40500 | CUSTOM FIT YOUR APPLICATION. |
| | | 12566 | 1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP |
| | | | OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE |
| | | | |
| | | | HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR |
| | Oil Rump Drive Sheft | 12550 | DOWN TO CUSTOM FIT YOUR APPLICATION. 1982-1987 PERFORMANCE TYPE INTERMEDIATE |
| | Oil Pump Drive Shaft | 12550 | |
| | | | SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS |
| | | | ONTO THE OIL PUMP DRIVE SHAFT |
| | | | |

| F F C C F C C C C C C C C C C C C C C C | 307 ENG - 1968-73 - 8 Cyl 3 7 Forque Camshaft HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. JSE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPLIANT. NOT COMPUTER COMPLIANT. NOT COMPUTER COMPLIANT. NOT COMPUTER COMPATIBLE. | /8 Bore (INCLU MTC-1 22400 | Degrees .050" dur Int. Exh. 204 214 Degrees .050" dur | | Description Inches Valve lift Int. Exh. .421 .444 | Degrees Lobe cntr. Int. Exh. 107 117 | Degrees Separation 112 |
|---|--|----------------------------------|--|--|---|---|------------------------------|
| T F U U U U U U C C C C C C C C C C C C C | Forque Camshaft HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. JSE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE DNLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | MTC-1 | Degrees .050" dur Int. Exh. 204 214 Degrees .050" dur | Degrees ADV. Dur Int. Exh. 278 288 Degrees | Valve lift Int. Exh. .421 .444 | Lobe cntr. Int. Exh. 107 117 | Separation 112 |
| F L C E C C F F C C C C C C C C C C C C C C | PERF. CHECK FOR COIL BIND. JSE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE DNLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | | .050" dur Int. Exh. 204 214 Degrees .050" dur | ADV. Dur Int. Exh. 278 288 Degrees | Valve lift Int. Exh. .421 .444 | Lobe cntr. Int. Exh. 107 117 | Separation 112 |
| F U E C C F C C C C C C C C C C C C C C C C | PERF. CHECK FOR COIL BIND. JSE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE DNLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | | 204 214 Degrees .050" dur | 278 288 Degrees | .421 .444 | 107 117 | |
| F U U E C C F C C C C C C C C C C C C C C C C | PERF. CHECK FOR COIL BIND. JSE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE DNLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | | Degrees .050" dur | Degrees | | | |
| L | USE [VS-380] SPRING W/ NSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Decree | Decret |
| | NSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Decree | Decret |
| C E C F F C C F C C C C C C C C C C C C | ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Decree | Decret |
| E () () () () () () () () () () () () () | ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Desires | Decus |
| C F C F C C C C C C C C C C C C C C C C | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Desires | Decus |
| C F C F C C C C C C C C C C C C C C C C | COMPUTER COMPATIBLE. POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Desires | Deguard |
| F C F C C | POWER RANGE 1000-4500. Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Desman | Desire |
| C F C | Camshafts Using Mechanical Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Desman | Desire |
| F | Flat Tappet Lifters DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | .050" dur | Degrees | Inches | Deswaaa | Deerses |
| | DEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT | 22400 | | | | Degrees | Degrees |
| C | CALIFORNIA COMPLIANT. NOT | 22400 | | | Valve lift | Lobe cntr. | Separation |
| C | CALIFORNIA COMPLIANT. NOT | 22400 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | | | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | | | | | | | |
| | POWER RANGE 3700-7300. CLASS IV. NOT CALIFORNIA | 00400 | 040.050 | 282 290 | | 104 108 | 106 |
| | COMPLIANT. NOT COMPUTER | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | COMPLIANT. NOT COMPUTER | 22404 | 200 200 | 200 200 | .000 .000 | 00 111 | 100 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| | DEM #3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| 0 | CALIFORNIA COMPLIANT. NOT | | | | | | |
| 0 | COMPUTER COMPATIBLE. | | | | | | |
| F | POWER RANGE 3600-7200. | | | | | | |
| 0 | DEM #3965754. CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| 0 | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| Т | Гарреt Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA | С-400-Р | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | 00407 | | 000.000 | 400 400 | 107 110 | 110 |
| | JSE ONLY IN 1987 & OLDER S.B. | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | | | | | | | |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPLIANT: NOT COMPUTER | | | | | | |
| | 1000-4500. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | | DES TRUC | | | | |
| | Camshafts Using Hydraulic Flat | | | - | | 5 | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | USE ONLY IN 1987 & OLDER S.B. | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | CHEVY ENG EQUIPPED WITH | 22100 | 104 104 | 200 210 | .007 .000 | 104 104 | 104 |
| | CARBURETTED 267-350 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1400-4900. | 00115 | 000.010 | 000,000 | 405 455 | | 110 |
| | USE ONLY IN 1987 AND OLDER | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1500-5000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | 200 200 | | 107 117 | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1250-4750. | | | | | | |
| | OEM# 3863151. CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | 00010 | 004 004 | 001 007 | 450 105 | | |
| | OEM# 3896962 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7/8 Bore (INCLUDES TRUCKS) | | | | | | |
| | Camshafts Using Hydraulic Flat | | | | lun alt | Dearrait | Deers |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | USE ONLY IN 1987 AND OLDER | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | 0 | | 207 207 | | 100 110 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | 22234 | 224 230 | 203 291 | .400 .400 | 107 113 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | 004 004 | 000.004 | 400 400 | 107 117 | 440 |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | | - | | - | | |
|------|---|----------------|----------------------|----------------------|------------------------|----------------------|------------|
| No. | Part Title | Part No. | | | Description | | |
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | 78 Bore (INCLU | | - | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees | Inches | Degrees | Degrees |
| | rapper Linters | | | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 00401 | Int. Exh. | Int. Exh. 313 328 | Int. Exh. .508 .533 | Int. Exh. 107 117 | 112 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22401 | 244 254 | 313 320 | .508 .533 | 107 117 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | 22100 | 210 210 | 002 002 | | 100 112 | 100 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 1700-5200 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | 22230 | 215 215 | 204 204 | .470 .470 | 100 114 | 110 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS III. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Mell Lube | M-10012 | | | ND BREAK- | | |
| | | | _ | | ACES TO PF | | |
| | | | | | G ENGINE S | TART UP. 4 | OZ |
| | | | CONTAINE | ER. | | | |
| | Continued on Next Page | | | | | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|------------------------------------|---------------------------------------|---|
| No. | Part Title | Part No. | Description |
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | · · · · · · · · · · · · · · · · · · · | , |
| | Torque Cam Lifter Kit | CL-MTC-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID. PERF. USE (VS-380). USE ONLY |
| | | | WITH CARBURETTED ENGINES. NOT CALIFORNIA |
| | | | COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] |
| | | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. |
| | Machania al Elet Tana et l'Atana | | USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 |
| | Mechanical Flat Tappet Lifters | JB-992 | STOCK TYPE REPLACEMENT LIFTER, SPECIAL DESIGNED METERING SYSTEM |
| | Hydraulic Flat Tappet Lifters | 298174 | USE FACTORY SETTING |
| | · · · | 298184 | ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ |
| | | | ADJUSTABLE VALVE TRAIN |
| | Hydraulic Roller Lifters | JB-2079 | STOCK TYPE REPLACEMENT LIFTER |
| | Hydraulic Retro-fit Roller Lifters | SB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER |
| | | | CAMSHAFTS [22135], [22136], [22237], [22238], [22398] |
| | Valve Locks | 476104 | HARDENED 11/32" STEM |
| | Valve Spring with Mechanical | 466114 | OUTER- USE WITH [22410], [22415], [22400] & [22450] |
| | Lifters | | CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. |
| | | 466274 | INNER- USE WITH [22410], [22400] & [22450] CAMS- |
| | | | MACHINING MAY BE REQUIRED 1.080 O.D. |
| | | 466364 | |
| | Valve Spring with Hydraulic | VS-380 | STOCK REPLACEMENT. USE WITH [MTC-1], [22111], |
| | Lifters | | [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: |
| | | VS-739 | ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED) STOCK REPLACEMENT. USE WITH [22303], [22305] & |
| | | V3-739 | [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- |
| | | | MACHINING MAY BE REQUIRED CHROME VANADIUM |
| | | 466204 | USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM |
| | | 400204 | HEIGHT OF 1.72- MACHINING MAY BE REQUIRED |
| | | 466354 | USE WITH MTC-1, (22110), (22115), (22200), (22210), |
| | | | (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: |
| | | | ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED. |
| | Rocker Arms | 498404 | LONG SLOT |
| | Rocker Arm Stud | MRDS-2920 | 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT |
| | | MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT |
| | Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT |
| | Chrome Moly Fush hous | 500314 | TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 |
| | | | LBS. |
| | | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT |
| | | | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. |
| | | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-----------|---|
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | | |
| | Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. CAR APPLICATIONS ONLY |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, |
| | | 404000 | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | | TO 6,500 RPM. |
| | | 48450 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/ |
| | | | 5 COLOR CODED DOWEL PIN HOLE INSERTS. |
| | | | RECOMMENDED FOR STREET AND STRIP, CLAIMER |
| | | | AND RACING ENGINES UP TO 6,500 RPM. TRUCK |
| | | | APPLICATIONS ONLY |
| | 3pc Set | 40201 | EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | | | |
| - | | 40400 | & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | | 40400 | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| - | | 40500 | EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. |
| | | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | 48500W-9 | FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | 4050070-5 | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| ł | | 40520 | EXCLUDING STOCK ROLLER CAM ENGINES. RACING |
| | | | APPLICATIONS ONLY. INCLUDES 3/8" HY-VO TEC |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & |
| | | | 9-MULTIPLE KEYWAY CRANK SPROCKET |
| ĺ | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-----------------------------|-------------|--|
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 | | |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS, SCREW IN VALVE, OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF |
| | | | OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT |
| | | | W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|--|
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | | · · · · |
| | Oil Pump | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% |
| | | | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; |
| | | | INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" |
| | | | DIAMETER SCREEN. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% |
| | | | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; |
| | | | SHAFTS EXTENDED INTO COVER FOR SUPPORT. |
| | | | RELIEF VALVE SPRING HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. REFIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME |
| | | 10554 | VERSION OF THE 10550 PUMP. |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | 10555 | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH |
| | | | STEEL GUIDE. EITHER A BOLT ON OR PRESS IN |
| | | | SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR |
| | | | PAN AND CRANK CLEARANCE. |
| | | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | 40000 | |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES |
| | | | STOCK SPRING. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | Continued on Next Page | | |
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| Line | | PENFUN | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|---------------------------------|----------------|---|
| No. | Part Title | Part No. | Description |
| 14 | 307 ENG - 1968-73 - 8 Cyl 3 7 | /8 Bore (INCLU | DES TRUCKS) |
| | Oil Pump | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Screen | 12557 | BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP. |
| | | 12558 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12559 | BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12564 | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12566 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT |
| 15 | 5.3-T,Z (325) ENG - 1999-07 - 8 | Cyl 3.78 Bore | GEN III LM7, L59 |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| | Oil Pump | 10295 | STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. |
| | | 10296 | HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING. CHECK FOR PAN AND CRANK CLEARANCE. |
| 16 | 5.3-O,J,3 (325) OHV ENG - 200 | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|---------------|--|---|--|--|--------------------------------|
| 16 | 5.3-O,J,3 (325) OHV ENG - 200 | | Bore GEN I | | | | |
| | Oil Pump | 10355 | (AVALANC (33% ADD) VOLUME (HARDCOA COATED (| CHE, SUBUR L VOL OF O GEN IV APPI T ANODIZE COVER, ADJ _ SPRING. C | BAN) VIN 3 IL) GEN III A ∟ICATIONS. D BODY, CA USTABLE P | PPLICATIOI FEATURES \ST IRON PI RESSURE \ | NS. STD : HOSPHATE W/ |
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | 0 Bore (INCLU | DES TRUCH | KS 1962-68 |) | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/ INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | OEM #3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200. | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | OEM #3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | OEM #3965754. CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2100-5600. | С-400-Р | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | | | | | |
| | Camshafts Using Hydraulic Flat | | | | Í | | 1 |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | USE ONLY IN 1987 AND OLDER | 00107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | | 22107 | 208 208 | 260 260 | .406 .406 | 107 113 | 110 |
| | S.B. CHEVY ENG EQUIPPED WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATBLE. | | | | | | |
| | POWER RANGE 1000-4500. USE ONLY IN 1987 AND OLDER | 22109 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | | 22108 | 164 194 | 260 270 | .307 .396 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 00100 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | 00111 | 104 004 | 070 070 | 000 401 | 107 117 | 112 |
| | USE IN 1987-95 S.B. CHEVY | 22111 | 194 204 | 270 278 | .398 .421 | 107 117 | 112 |
| | ENG. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 00114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | S.B. CHEVY ENG EQUIPPED | 22114 | 208 208 | 260 260 | .420 .420 | 106 116 | |
| | | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1400-4900. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | 22115 | 203 210 | 203 200 | .400 .400 | 107 117 | 112 |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1500-5000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | 107 217 | 200 200 | | | 112 |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1250-4750. | | | | | | |
| | Continued on Next Page | | | | | | |
| | Commund on Noxer age | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|------------------------|-------------------------|------------|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | | | | | |
| | Camshafts Using Hydraulic Flat | | | | | | 1 |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches | Degrees | Degrees |
| | | | Int. Exh. | Int. Exh. | Valve lift | Lobe cntr. Int. Exh. | Separation |
| | | 00000 | 223 223 | 290 290 | Int. Exh. .447 .447 | 110 118 | 114 |
| | OEM# 3863151. CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | 22203 | 214 224 | 200 290 | .444 .400 | 107 117 | 112 |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | OEM# 3896962 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | - | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | 00004 | 004 000 | 000.001 | 400 400 | 107 110 | 110 |
| | CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. CLASS II. NOT CALIFORNIA | 00025 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22235 | 224 224 | 224 224 | .405 .405 | 112 112 | 112 |
| | COMPLIANT: NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | Continued on Next Page | | | | | | |
| | Communication report rage | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|------------------------|-----------------------|-------------------------|-------------------------|-----------------------|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | | | | | |
| | Camshafts Using Hydraulic Flat | | | | - | _ | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | 22320 | 230 230 | 304 304 | .455 .455 | 112 110 | 114 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-III Roller Lillers | | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separation |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | 22135 | 200 214 | 205 274 | .470 .490 | 100 110 | 112 |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | | 00007 | 015 004 | 004 000 | 470 400 | 100 110 | 110 |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT CALIFORNIA | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 | | | | | | |
| | Continued on Next Page | | | | | | |
| | | 1 | I | | I | I | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|-----------|--|---|----------------------|-----------------------|----------------------------------|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | | | | | |
| | - | | | | | | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER {SB817RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5300 | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [SB817RF16] CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING | | | | |
| | | | CONTAINE | | | | |
| | Torque Cam Lifter Kit | CL-MTC-1 | CLASSIH | YD. NOT CO | MPUTER C | OMPATIBLE | |
| | | | IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. | | | | DRNIA 16-[JB-817] IL BIND. |
| | Mechanical Flat Tappet Lifters | JB-992 | USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 STOCK TYPE REPLACEMENT LIFTER, SPECIAL | | | | |
| | meenamear rat rapper Enters | 00-332 | DESIGNED METERING SYSTEM | | | | |
| · | Hydraulic Flat Tappet Lifters | 298174 | USE FACTORY SETTING ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN | | | | |
| | | 298184 | | | | | E USED W/ |
| | Hydraulic Roller Lifters | JB-2079 | STOCK TY | PE REPLAC | EMENT LIF | TER | |
| | Hydraulic Retro-fit Roller Lifters | SB817RF16 | | T LIFTER FO TS [22135], | | | |
| | Valve Locks | 476104 | HARDENE | D 11/32" ST | EM | | |
| | Valve Spring with Mechanical Lifters | 466114 | | OUTER- US AMS- MACHI | - | | |
| | | 466274 | CAMS- MA | INNER- US | - | | |
| | | 466364 | 1.260 O.D. | | | | |
| | Valve Spring with Hydraulic Lifters | VS-380 | [22107], [2 | EPLACEMEN 2108], [2210 GHT OF 1.72 | 9], [22114], [| 22215] CAM | S- NOTE: |
| | | VS-739 | ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED) STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM | | | 22305] & | |
| | | 466204 | HEIGHT O | I [22303], [22 F 1.72- MAC | HINING MA | Y BE REQU | IRED |
| | | 466354 | (22213), (2 | I MTC-1, (22 2203), (2232 iHT OF 1.72 | 20), (22301) (| CAMSHAFT | S. NOTE: |
| | Rocker Arms | 498404 | LONG SLC | | | | |
| | Rocker Arm Stud | MRDS-2920 | | RALL LENG | TH, 3/8" DIA | METER WIT | H HEX NUT |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|---------------------------|----------|--|
| 17 | 327 ENG - 1962-69 - 8 Cyl | | |
| | Rocker Arm Stud | MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX |
| | | | NUT |
| | Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT |
| | | | TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 |
| | | 504004 | |
| | | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT |
| | | | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | 501024 | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | | 501024 | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | | 001004 | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | | CONSTRUCTION) |
| | Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (FLAT) |
| | | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| _ | | | ARM STUDS. (FLAT) |
| | | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | | TO 6,500 RPM. |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER AND RACING ENGINES |
| | | | UP TO 6,500 RPM. |
| | 3pc Set | 40201 | EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES |
| | | | DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET |
| | | 40400 | & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40400 | EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 40500 | EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|---|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | |
| <i>'</i> | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | 400001 0 | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | 40520 | EXCLUDING STOCK ROLLER CAM ENGINES. RACING |
| | | | APPLICATIONS ONLY INCLUDES 3/8" HY-VO TEC |
| | | | CHAIN, CAM SPROCKET WITH LIGHTENING HOLES & |
| | | | 9-MULTIPLE KEYWAY CRANK SPROCKET |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | 10050-62555 | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS, SCREW IN VALVE, SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. |
| | Continued on Next Page | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | |
|------|---|-------------|--|--|--|--|
| No. | Part Title | Part No. | Description | | | |
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.00 Bore (INCLUDES TRUCKS 1962-68) | | | | | |
| | Oil Pump | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. | | | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE | | | |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME | | | |
| | | | MOLY I/S SHAFT. STREET AND STRIP. | | | |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF | | | |
| | | 10550 | OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT | | | |
| | | | W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. | | | |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% | | | |
| | | | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; | | | |
| | | | INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" | | | |
| | | | DIAMETER SCREEN. CHECK FOR PAN AND CRANK | | | |
| | | | CLEARANCE. | | | |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% | | | |
| | | | ADDL VOL OF OIL) - FEATURES: STEEL GEARS; | | | |
| | | | SHAFTS EXTENDED INTO COVER FOR SUPPORT. | | | |
| | | | RELIEF VALVE SPRING HAS SCREW IN PLUG. | | | |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE | | | |
| | | | SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR | | | |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. | | | |
| | | 40000 | CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT | | | |
| | | | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO | | | |
| | | | COVER FOR SUPPORT. REFIEF VALVE SPRING HAS | | | |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY | | | |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS | | | |
| | | | ANTI-CAVITATION GROOVES, EITHER A BOLT ON OR | | | |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. | | | |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | | 10553 | FEATURES STEEL GEARS; STANDARD VOLUME | | | |
| | | | VERSION OF THE 10550 PUMP. | | | |
| | | 10554 | FEATURES STEEL GEARS; STANDARD VOLUME | | | |
| | | | VERSION OF THE 10551 PUMP. | | | |
| | | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% | | | |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS | | | |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF | | | |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES | | | |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH | | | |
| | | | STEEL GUIDE. EITHER A BOLT ON OR PRESS IN | | | |
| | | | SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR | | | |
| | Continued on Next Page | | PAN AND CRANK CLEARANCE. | | | |
| | Continued on Next Page | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|---|
| 17 | 327 ENG - 1962-69 - 8 Cyl 4.0 | | |
| | Oil Pump | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN |
| | | | PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES |
| | | | STOCK SPRING. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION |
| | | | GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Screen | 12557 | BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. |
| | | | NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES |
| | | | ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | | CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN |
| | | | FOR 10555 PUMP. |
| | | 12558 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE |
| | | | PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND |
| | | | HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12559 | BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE |
| | | | PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND |
| | | | HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR |
| | | 10504 | DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK |
| | | 12564 | PAN. NOTE: MESH IS TO THE RIGHT. NOTE: |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES |
| | | | ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | | CUSTOM FIT YOUR APPLICATION. |
| | | 12566 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK |
| | | 12300 | PAN. NOTE: MESH IS TO THE RIGHT. NOTE: |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES |
| | | | ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | | CUSTOM FIT YOUR APPLICATION. |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | 12000 | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |
| | 1 | 1 | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | | | | | | |
| 10 | Torque Camshaft | | | | | _ | _ |
| | Torque Gamanan | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | 1967-1987 HYD. IMPROVES | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 |
| | LOW-MID. PERF. CHECK FOR | | 201 211 | 2/0/200 | | 107 117 | |
| | COIL BIND. USE [VS-380] | | | | | | |
| | SPRING W/INSTALLED HGT. OF | | | | | | |
| | 1.72. USE ONLY WITH | | | | | | |
| | CARBURETTED ENGINES. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3927140 CLASS IV. NOT | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3700-7300. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | COMPLIANT. NOT COMPUTER | 22.102 | 210 200 | 202 200 | .021 .021 | 101 100 | 100 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| | OEM #3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | | | | | | |
| | OEM #3965754 CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | 22430 | 202 210 | 003 010 | .012 .000 | 100 110 | 112 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA | С-400-Р | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPLIANT. NOT | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | Continued on Next Page | | | | | | |
| | | | | | I | | |

| Line | Devit Title | Part No. | | | Description | | |
|-----------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| No. 18 | Part Title 350 ENG - 1967-02 - 8 Cyl 4.0 | | | | Description | | |
| 10 | Camshafts Using Hydraulic Flat | | | | | _ | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | USE ONLY IN 1987 AND OLDER | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | 22100 | 104 194 | 200 270 | .507 .550 | 104 104 | 104 |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | USE IN 1987-95 S.B. CHEVY | 22111 | 194 204 | 270 278 | .398 .421 | 107 117 | 112 |
| | ENG. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| · | IDLE-4000. USE ONLY IN 1987 AND OLDER | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | S.B. CHEVY ENG EQUIPPED | 22114 | 200 200 | 200 200 | .420 .420 | 100 110 | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1400-4900. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1500-5000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1250-4750. | | | | | | |
| | OEM# 3863151 CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | 200 200 | | 110 110 | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | Continued on Next Page | | | | | | |
| | ~ | 1 | 1 | | I | L | |

| Line | | | | | I OANO Q | | Continued) |
|------|---|---------------|-----------|-----------|-------------|------------|------------|
| No. | Part Title | Part No. | | | Description | | |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | 0 Bore (INCLU | DES TRUCH | (S) GAS E | NGINE | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | USE ONLY IN 1987 AND OLDER | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | | | | | | |
| | OEM# 3896962 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 22210 | 224 224 | 231 207 | .430 .400 | 114 114 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | - | | - | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | 0 | | 207 207 | | 100 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. CLASS II. NOT CALIFORNIA | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT COMPUTER | 22234 | 224 230 | 203 291 | .400 .400 | 107 113 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| | 1967-1987 CLASS II. NOT | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | D. 1 7'11 | | | | D | | |
|------|---|----------------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| No. | Part Title | Part No. | | | Description | | |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | U Bore (INCLUL | JES TRUCK | (S) GAS EI | NGINE | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | _ | | | - | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | 22320 | 230 230 | 304 304 | .405 .405 | 112 110 | 114 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Deserves | Desmost | la chi c c | Desman | Desire |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparation |
| | 1987-1994 CLASS I. NOT | 22129 | 198 210 | 273 288 | .434 .462 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4500. | | | | | | |
| | 1987-1994 CLASS I. NOT | 22131 | 207 214 | 271 280 | .410 .427 | 117 117 | 117 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. 1987-1994 CLASS I. NOT | 22221 | 197 206 | 261 276 | .433 .450 | 105 114 | 109 |
| | CALIFORNIA COMPLIANT. NOT | | 197 200 | 201 270 | .435 .450 | 105 114 | 109 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4500. | | | | | | |
| | 1987-1998 FOR ENGINE | 22280 | 220 224 | 283 287 | .495 .502 | 107 113 | 110 |
| | ORGINALLY EQUIPPED W/ | | | | | | |
| | ROLLER CAM. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5200. 1987-1999 CLASS II. NOT | 22298 | 222 232 | 297 307 | .478 .501 | 109 119 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 22230 | 222 232 | 231 301 | .470 .301 | 109 119 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5500. | | | | | | |
| | 1987-1994 CLASS III. NOT | 22397 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6200. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | | | | | | Continued) | |
|------|---|---------------|------------------------|-----------|---------------------------|---------------|------------|--|
| No. | Part Title | Part No. | | | Description | | | |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | 0 Bore (INCLU | DES TRUCKS) GAS ENGINE | | | | | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| F | POWER RANGE 1000-4500 | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1500-5000 | | | | | | | |
| | 1967-1987 FOR USE WITH | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 | |
| | RETRO-FIT ROLLER LIFTERS | | | | | | | |
| | [SB817RF16] AND [SB079RF16] | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1700-5200 | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | |
| | AND [SB079RF16] CLASS II. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1700-5300 | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 | |
| | ROLLER LIFTERS [SB817RF16] | | | | | | | |
| | AND [SB079RF16] CLASS III. | | | | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | |
| - | POWER RANGE 2500-6000. | | | | | | <u> </u> | |
| | Mell Lube | M-10012 | | | ND BREAK- | | | |
| | | | | | ACES TO PF | | | |
| | | | | | G ENGINE S | TART UP. 4 | 0Z | |
| F | Towning Open Lifton Kit | CL-MTC-1 | CONTAINE | | D. NOT CO | | | |
| | Torque Cam Lifter Kit | CL-INITC-1 | | | VES LOW-M | | о г | |
| | | | | | | | | |
| | | | | | VITH CARBL MPLIANT. KI | | | |
| | | | | | | | | |
| | | | | - | | | | |
| | | | | | [VS-380] SPI | | TALLED | |
| F | Machanical Elet Tonnat Liftere | | HGT. OF 1 | | | | A1 | |
| | Mechanical Flat Tappet Lifters | JB-992 | | | EMENT LIF | IEN, SPEUI | AL | |
| ŀ | Hudroulio Elet Tennet Liftere | 200174 | | | | | | |
| ŀ | Hydraulic Flat Tappet Lifters | 298174 | | ORY SETTI | NG AT ZERO LAS | | | |
| | | 298184 | | BLE VALVE | | 511, IVIUST E | | |
| - | Hydraulic Roller Lifters | JB-2079 | | | | TED | | |
| 1 | | | | | | 1111 | | |

| Part Title | Part No. | Description |
|------------------------------------|-----------------|---|
| 350 ENG - 1967-02 - 8 Cyl 4 | .00 Bore (INCLU | DES TRUCKS) GAS ENGINE |
| Hydraulic Retro-fit Roller Lifters | SB079RF16 | 1986-2002 RETRO-FIT LIFTER FOR USE W/ RETRO-F |
| | | ROLLER CAMSHAFTS [22135], [22136], [22237], [2223 |
| | | [22398] |
| | SB817RF16 | 1967-1985 RETRO-FIT LIFTER FOR USE W/ RETRO-F |
| | | ROLLER CAMSHAFTS [22135], [22136], [22237], [2223 |
| | | [22398] |
| Valve Locks | 476104 | HARDENED 11/32" STEM |
| Valve Spring with Mechanical | 466114 | 1967-2002 OUTER- USE WITH [22410], [22400] & [224 |
| Lifters | 400114 | CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. |
| Enters | 466274 | 1967-2002 INNER- USE WITH [22410], [22400] & [2245 |
| | 400214 | CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. |
| | 466364 | 1.260 O.D. |
| Valve Spring with Hydraulic | VS-380 | STOCK REPLACEMENT. USE WITH [MTC-1], [22111], |
| | VS-360 | |
| Lifters | | [22107], [22108], [22109], [22114], [22215] CAMS- NOT |
| | | ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIP |
| | VS-739 | STOCK REPLACEMENT. USE WITH [22303], [22305] & |
| | | [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- |
| | | MACHINING MAY BE REQUIRED CHROME VANADIU |
| | 466204 | USE WITH [22303], [22305] & [22401] CAMS- NOTE: A |
| | | HEIGHT OF 1.72- MACHINING MAY BE REQUIRED |
| | 466354 | USE WITH [MTC-1], [22110], [22115], [22200], [22210], |
| | | [22213], [22203], [22320] & [22301] CAMSHAFTS. NOT |
| | | ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIF |
| Rocker Arms | 498404 | LONG SLOT |
| Rocker Arm Stud | MRDS-2920 | 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX |
| | MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX |
| | | NUT |
| Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT |
| | | TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 35 |
| | 000014 | LBS. |
| | 501004 | ED3. EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEA |
| | 501004 | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS |
| | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | 501024 | |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | |
| | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | CONSTRUCTION) |
| Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCK |
| | | ARM STUDS. (FLAT) |
| | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKE |
| | | ARM STUDS. (FLAT) |
| | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCK |
| | | ARM STUDS. (RAISED) |
| | MGP1034 | 5/16" THICK- MUST BE USED WITH SCREW-IN ROCK |
| | | ARM STUDS. (RAISED) |
| | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | |
|------|--|----------|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.00 Bore (INCLUDES TRUCKS) GAS ENGINE | | | | | | |
| | Gear Drive Set | 48400 | 1967-1988 NOISY - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. VIN CODE 8 1982-86 ONLY. CAR APPLICATIONS ONLY. | | | | |
| | | 48400 | 1969-1996 NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY | | | | |
| | | 48400Q | 1969-1996 QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM. TRUCK APPLICATIONS ONLY | | | | |
| | | 48400Q | 1967-1988 QUIET - 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED W/5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER, RACING ENGINES TO 6,500 RPM. VIN 8 82-86 ONLY. CAR APPLICATIONS ONLY. | | | | |
| | | 48450 | 1987-1992 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS, ADJUSTED W/5 COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. CARS AND TRUCK APPLICATIONS | | | | |
| | 3pc Set | 40201 | 1967-1992 EXCLUDES STOCK ROLLER CAM ENGINES INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. | | | | |
| | | 40400 | 1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | |
| | | 40500 | 1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES. INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. | | | | |
| | Continued on Next Page | 48500T-9 | 1967-1988 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. VIN 8 1982-86 ONLY. CAR APPLICATIONS ONLY. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|--|
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | | |
| | 3pc Set | 48500T-9 | 1969-1996 RECOMMENDED FOR STREET AND STRIP, |
| | 000 000 | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER |
| | | | THRUST BEARINGS. |
| | | 48500W-9 | 1969-1996 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | TRUCK APPLICATIONS ONLY INCLUDES SEAMLESS |
| | | | DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL |
| | | | CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH |
| | | | +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |
| | | 48500W-9 | 1967-1988 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. VIN |
| | | | 8 1982-86 ONLY. CAR APPLICATIONS ONLY. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | 40520 | 1967-1992 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | RACING APPLICATIONS ONLY INCLUDES 3/8" HY-VO |
| | | | TEC CHAIN, CAM SPROCKET WITH LIGHTENING |
| | | | HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET |
| | Oil Pump | M-99HV-S | HI VOL PUMP- MORE VOL AND PRESSURE THAN |
| | | | STOCK PUMP. INCLUDES SCREEN. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10050-750SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT, STREET AND STRIP, CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | 10050-02555 | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | Continued on Next Page | | |
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| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|-------------------------------|----------------|---|
| No. | Part Title | Part No. | Description |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | | |
| | Oil Pump | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK BACING. |
| | | 10055-750SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10550 | EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10551 | EXC. CHEVY II - 19MM INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10553 10554 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. FEATURES STEEL GEARS; STANDARD VOLUME |
| | Continued on Next Page | | VERSION OF THE 10551 PUMP. |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|--|
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | | • |
| | Oil Pump | 10555 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | 10000 | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH |
| | | | STEEL GUIDE. EITHER A BOLT ON OR PRESS IN |
| | | | SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR |
| | | | PAN AND CRANK CLEARANCE. |
| | | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE SPRING HAS |
| | | | SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS |
| | | | ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR |
| | | | PRESS IN SCREEN CAN BE USED WITH THIS PUMP. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO |
| | | | COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN |
| | | | PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES |
| | | | STOCK SPRING. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT |
| | | | 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) |
| | | | FEATURES: SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION |
| | | | GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Screen | 12557 | BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. |
| | | | NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES |
| | | | ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | | CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN |
| | | 10550 | FOR 10555 PUMP. BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE |
| | | 12558 | PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND |
| | | | HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12559 | BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE |
| | | 12555 | PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND |
| | | | HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12564 | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK |
| | | | PAN. NOTE: MESH IS TO THE RIGHT. NOTE: |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES |
| | | | ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO |
| | | | CUSTOM FIT YOUR APPLICATION. |
| | Continued on Next Page | | |
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| Line | | | | HEVHOLE | I CANS & | | Continued) |
|------|--|-----------------|--|---|---|--|--------------------------------|
| No. | Part Title | Part No. | | | Description | | |
| 18 | 350 ENG - 1967-02 - 8 Cyl 4.0 | 0 Bore (INCLUE | DES TRUCH | (S) GAS EI | NGINE | | |
| | Oil Pump Screen | 12566 | PAN. NOT CLEARAN ALLOWS 3 | SCREEN. US E: MESH IS CE BETWEE 8/16" TO 1/4" FIT YOUR AI | TO THE RIG N THE BOL ADJUSTME | HT. NOTE: TS AND THE NT UP OR I | E HOLES |
| | Oil Pump Drive Shaft | 12550 | PERFORM STRENGT IMPROVE | IANCE TYPE H (150,000 F D SHAFT RE UMP DRIVE | E INTERMED PSI) CHROM TAINER WH | DIATE SHAF E MOLY ST | EEL. |
| 19 | 5.7-G,S (350) ENG - 1997-2004 | - 8 Cyl 4.000 E | Bore LS1, L | .S6 (CARS | ONLY) | | |
| | Camshafts Using Hydraulic Roller Lifters CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22201 | Degrees .050" dur Int. Exh. 223 223 | Degrees ADV. Dur Int. Exh. 291 291 | Inches Valve lift Int. Exh. .566 .566 | Degrees Lobe cntr. Int. Exh. 110 118 | Degrees Separation 114 |
| | COMPATABLE. POWER RANGE 2000-5000. | | | | | | |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURIN(ER. | ACES TO PF | REVENT SCO | ORING |
| | Valve Spring Retainers | 475234 | CHROME | MOLY. | | | |
| | Oil Pump | 10295 | COATING. SCREEN. | D VOLUME. SCREW IN | VALVE. USE | ES 7/8" BOL | ΓON |
| | | 10296 | VALVE. US OPTIONAL AND CRAN | E 18%. PRO SES 7/8" BOI HI PRESSUNK CLEARAN | LT ON SCRE JRE SPRING NCE. | EN. INCLU | DES |
| 20 | 6.0 (364) ENG - 1999-07 - 8 Cyl | | | | | | |
| | Mell Lube | M-10012 | PLATES W AND GALL CONTAINE | | ACES TO PF G ENGINE S | REVENT SCO TART UP. 4 | oring Oz |
| | Oil Pump | 10295 | PRESSUR | S U,N ONLY E 10%. PRO SES 7/8" BOI | TECTIVE CO | DATING. SC | |
| | | 10296 | COATING. SCREEN. | S U,N ONLY SCREW IN INCLUDES ()R PAN AND | VALVE. USE OPTIONAL H | ES 7/8" BOL ⁻ II PRESSUR | r on |
| | | 10355 | HI VOLUM APPLICAT FEATURES PHOSPHA PRESSUR | (SUBURBAI E PUMP (33 IONS. STD \ S: HARDCO/ TE COATED E W/OPTION NK CLEARAI | % ADDL VO /OLUME GE AT ANODIZE) COVER, AI NAL SPRING | L OF OIL) G N IV APPLIC D BODY, C DJUSTABLE | EN III CATIONS. AST IRON |

| Line | Part Title | Dort No | | | Description | | |
|-----------|---|------------------|----------------------|-----------------------|-------------------------|----------------------|------------|
| No. 21 | 6.2-8 (378) OHV ENG - 2007 - 8 | Part No. | | | Description | 1 92 | |
| | Mell Lube | M-10012 | | SSEMBLY A | | | NT |
| | | W-10012 | | EAR SURFA | | | |
| | | | | ING DURING | | | |
| | | | CONTAINE | | | | |
| - | Oil Pump | 10355 | HI VOLUM | E PUMP (33 | % ADDL VO | L OF OIL) G | EN III |
| | | | APPLICAT | IONS. STD \ | /OLUME GE | N IV APPLIC | CATIONS. |
| | | | FEATURE | S: HARDCO | AT ANODIZE | D BODY, C | AST IRON |
| | | | PHOSPHA | TE COATED | COVER, AD | DJUSTABLE | |
| | | | PRESSUR | E W/OPTION | NAL SPRING | i. CHECK FO | OR PAN |
| | | | | NK CLEARAN | | | |
| 22 | 400 S.B. ENG - 1970-80 - 8 Cyl. | - 4 1/8 Bore (IN | CLUDES T | RUCKS) SI | MALL BLO | СК | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees |
| | | | .050" dur | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. | Separation |
| | HYD. IMPROVES LOW-MID. | MTC-1 | Int. Exh. 204 214 | 278 288 | .421 .444 | Int. Exh. 107 117 | 112 |
| | PERF. CHECK FOR COIL BIND. | | 204 214 | 270 200 | .421 .444 | 107 117 | 112 |
| | USE [VS-380] SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.72. USE | | | | | | |
| | ONLY WITH CARBURETTED | | | | | | |
| | ENGINES. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3927140 CLASS IV. NOT | 22400 | 257 270 | 304 320 | .494 .512 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| - | POWER RANGE 3700-7300. | 22402 | 040.050 | 000 000 | .521 .521 | 104 108 | 106 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| - | CLASS IV. NOT CALIFORNIA | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3700-7300. | | | | | | |
| | OEM #3849346 CLASS IV. NOT | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3600-7200. | | | | | | |
| | OEM #3965754. CLASS IV. NOT | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| ŀ | POWER RANGE 3600-7200. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | Dout No. | | | Description | | |
|------|---|------------------------------|----------------------|---------------------------------------|----------------------|-----------------------|-----------------------|
| No. | Part Title 400 S.B. ENG - 1970-80 - 8 Cyl. | Part No. - 4 1/8 Bore (IN | ICI UDES T | | Description | | |
| | Camshafts Using Hydraulic Flat | | | , , , , , , , , , , , , , , , , , , , | | | Desire |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | CLASS II. NOT CALIFORNIA | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | USE IN 1987-95 S.B. CHEVY | 22111 | 194 204 | 270 278 | .398 .421 | 107 117 | 112 |
| | ENG. CLASS I. NOT CALIFORNIA | 22111 | 104 204 | 210 210 | .000 .421 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1400-4900. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1500-5000. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 22 | 400 S.B. ENG - 1970-80 - 8 Cyl. | | | | | СК | |
| LL | Camshafts Using Hydraulic Flat | | | | | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | USE ONLY IN 1987 AND OLDER | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | 22120 | 104 214 | 200 200 | .000 .441 | 107 117 | 112 |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1250-4750. | | | | | | |
| | OEM# 3863151. CLASS II. NOT | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | OEM# 3896962 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | USE ONLY IN 1987 AND OLDER | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 | | | | | | |
| | CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | 00015 | 010 010 | 005 005 | 400 400 | 108 112 | 110 |
| | USE ONLY IN 1987 AND OLDER | 22215 | 218 218 | 295 295 | .429 .429 | 108 112 | 110 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 267-350 CID V8. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5000. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | COMPLIANT. NOT COMPUTER | 22200 | 211 211 | 207 207 | | 100 110 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5700. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22233 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5800. | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------------|------------------------|---------------------|-------------------------|-------------------------|-----------------------|
| 22 | 400 S.B. ENG - 1970-80 - 8 Cyl | | | | | CK | |
| | | 4 1/6 DOIE (IN | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees | Degrees ADV. Dur | Inches | Degrees | Degrees |
| | rapper Liners | | .050" dur Int. Exh. | Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separation |
| | CLASS II. NOT CALIFORNIA | 00004 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | COMPLIANT. NOT CALIFORNIA | 22234 | 224 230 | 203 291 | .460 .460 | 107 113 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | COMPLIANT. NOT COMPUTER | 22233 | | | .405 .405 | 112 112 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2700-6200. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6700. CLASS IV. NOT CALIFORNIA | 00400 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | COMPLIANT. NOT COMPUTER | 22460 | 240 240 | 302 302 | .506 .506 | 100 112 | 109 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Den | Den | lus al | Den | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTER [SB817RF16] | 22100 | 200 211 | 200 271 | | 100 110 | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTER [SB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000 | | | | | | |
| | Continued on Next Page | | | | | | |

| e | Part Title | Part No. | | | Description | | | |
|---|--|----------------------|--|--|---|--|--|--|
| | 400 S.B. ENG - 1970-80 - 8 Cyl | | CLUDES T | | | СК | | |
| | Camshafts Using Hydraulic | | | | | | Deserves | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation | |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 | |
| | ROLLER LIFTER [SB817RF16] | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| L | 1700-5200 | | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 | |
| | ROLLER LIFTER [SB817RF16] | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| ┝ | 1700-5300 FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 | |
| | ROLLER LIFTER [SB817RF16] | 22390 | 234 230 | 290 300 | .556 .540 | 107 117 | 112 | |
| | CLASS III. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 2500-6000. | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING | | | | | |
| | | | | AND GALLING DURING ENGINE START UP. 40Z | | | | |
| Ļ | | | CONTAINE | | | | _ | |
| | Torque Cam Lifter Kit | CL-MTC-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY | | | | | |
| | | | | | | NES. NOT CALIFORNIA | | |
| | | | | | UDES 1-[MT | | | |
| | | | | | LUBE. CHE | - | | |
| | | | | | W/INSTALL | | | |
| F | Mechanical Flat Tappet Lifters | JB-992 | | | EMENT LIF | | | |
| | | | DESIGNE | NED METERING SYSTEM | | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | ORY SETTI | | | | |
| | | 298184 | | | T ZERO LA | SH; MUST E | E USED W | |
| Ļ | | 15.0050 | | BLE VALVE | | | | |
| ┝ | Hydraulic Roller Lifters Hydraulic Retro-fit Roller Lifters | JB-2079 SB817RF16 | | | EMENT LIF | | | |
| | nyuraulic netro-lit noller Litters | 3001/11/10 | | | [22136], [222 | | | |
| F | Valve Locks | 476104 | | D 11/32" ST | | | ,[| |
| F | Valve Spring with Mechanical | 466114 | | | 2410], [22418 | 5], [22400] & | [22450] | |
| | Lifters | | CAMS- MA | CHINING M | AY BE REQU | JIRED 1.430 |) O.D. | |
| | | 466274 | INNER- US | SE WITH [22 | 410], [22400] | & [22450] C | CAMS- | |
| | | | | | REQUIRED 1 | .080 O.D. | | |
| L | | 466364 | 1.260 O.D. | | | | | |
| | | | L STOCK BE | EPLACEMEN | IT. USE WIT | | - | |
| | Valve Spring with Hydraulic | VS-380 | | 0 1 0 01 T= | | | | |
| | Valve Spring with Hydraulic Lifters | VS-380 | [22107], [2 | 2108], [2210 | | - | | |
| | | | [22107], [2 ASM. HEI0 | GHT OF 1.72 | (MACHININ | G MAY BE F | REQUIRED | |
| | | VS-380 VS-739 | [22107], [2 ASM. HEIC STOCK RE | GHT OF 1.72 EPLACEMEN | (MACHININ IT. USE WIT | G MAY BE F H [22303], [2 | REQUIRED | |
| | | | [22107], [2 ASM. HEIC STOCK RE [22401] CA | OHT OF 1.72 EPLACEMEN MS- NOTE: | (MACHININ IT. USE WIT ASM HEIGH | <u>G MAY BE F</u> H [22303], [2 T OF 1.72- | REQUIRED) 22305] & | |
| | | VS-739 | [22107], [2 ASM. HEIO STOCK RE [22401] CA MACHININ | GHT OF 1.72 EPLACEMEN MS- NOTE: IG MAY BE F | (MACHININ IT. USE WIT ASM HEIGH REQUIRED (| G MAY BE F H [22303], [2 T OF 1.72- CHROME VA | REQUIRED) 22305] & ANADIUM | |
| | | | [22107], [2 ASM. HEIO STOCK RE [22401] CA MACHININ USE WITH | GHT OF 1.72 EPLACEMEN MS- NOTE: IG MAY BE F [22303], [22 | (MACHININ IT. USE WIT ASM HEIGH | G MAY BE F H [22303], [2 T OF 1.72- CHROME VA 1] CAMS- N | REQUIRED) 22305] & ANADIUM OTE: ASM | |

| Part Title | Part No. | |
|--------------------------------|-----------------------|--|
| | | |
| Valve Spring with Hydrauli | c 466354 | USE WITH MTC-1, (22110), (22115), (22200), (2221 |
| Lifters | | (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED. |
| Deelver Arme | 400404 | LONG SLOT |
| Rocker Arms Rocker Arm Stud | 498404 MRDS-2920 | 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT |
| Rocker Arm Stud | MRDS-2920 MRDS-941 | 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX |
| | WIND3-941 | NUT |
| Chrome Moly Push Rods | 500314 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT |
| official mony rush rious | 000014 | TREATED FOR GUIDE PLATES. MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500614 | EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT |
| | | TREATED FOR GUIDE PLATES MAX. SPRING |
| | | PRESSURE 350 LBS. |
| | 500674 | EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 |
| | | LBS. |
| | 501004 | EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT |
| | | TREATED FOR GUIDEPLATES (ONE PIECE |
| | | CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. |
| | 501024 | EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | CONSTRUCTION) |
| | 501034 | EXC. ROLLER 5/16" DIA. + .200 O/S LENGTH - HEAT |
| | | TREATED FOR GUIDE PLATES. (ONE PIECE |
| | | CONSTRUCTION) |
| Guide Plates | MGP1004 | 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | ARM STUDS. (FLAT) |
| | MGP1014 | 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER |
| | | ARM STUDS. (FLAT) |
| | MGP1024 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | NODION | ARM STUDS. (RAISED) 5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | MGP1034 | ARM STUDS. (RAISED) |
| Gear Drive Set | 48400 | 1974-1980 NOISY - 8620 CARBURIZED STEEL GEARS, |
| Gear Drive Set | 40400 | ROLLER CAM BUTTON. LOCK PLATE AND BOLTS. |
| | | TIMING ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | DOWEL PIN HOLE INSERTS, RECOMMENDED FOR |
| | | STREET AND STRIP, CLAIMER, RACING ENGINES TO |
| | | 6,500 RPM. S. B. TRUCK APPLICATIONS ONLY |
| <u> </u> | 48400 | 1970-1976 NOISY - 8620 CARBURIZED STEEL GEARS, |
| | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | TIMING ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | STREET AND STRIP, CLAIMER, RACING ENGINES TO |
| | | 6,500 RPM. S. B. CAR APPLICATIONS ONLY |
| | 48400Q | 1970-1976 QUIET - 8620 CARBURIZED STEEL GEARS, |
| | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | TIMING ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| 1 | | STREET AND STRIP, CLAIMER, RACING ENGINES TO |
| | | |
| | | 6,500 RPM. S.B. CAR APPLICATIONS ONLY |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------|----------|---|
| 22 | | | ICLUDES TRUCKS) SMALL BLOCK |
| | Gear Drive Set | 48400Q | 1974-1980 QUIET - 8620 CARBURIZED STEEL GEARS, |
| | Geal Drive Set | 101000 | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | TIMING ADJUSTED W/5 OPTIONAL COLOR CODED |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED FOR |
| | | | STREET AND STRIP, CLAIMER, RACING ENGINES TO |
| | | | 6,500 RPM. S.B. TRUCK APPLICATIONS ONLY |
| | 3pc Set | 40201 | 1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES |
| | | | DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET |
| | | | & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40201 | 1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES |
| | | | DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET |
| | | | & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40400 | 1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES |
| | | | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 40400 | 1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES |
| | | | DOUBLE SEAMLESS SOLID ROLLER CHAIN, CAST IRON |
| | | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 40500 | 1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE |
| | | 40500 | KEYWAY CRANK SPROCKET. 1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | 40500 | SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES |
| | | | SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE |
| | | | KEYWAY CBANK SPROCKET. |
| | | 48500T-9 | 1970-1976 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | 1974-1980 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | SMALL BLOCK TRUCK APPLICATIONS ONLY INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------|-------------|---|
| 22 | | | ICLUDES TRUCKS) SMALL BLOCK |
| | 3pc Set | 48500W-9 | 1970-1976 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. |
| | | | SMALL BLOCK CAR APPLICATIONS ONLY INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | 40520 | 1974-1980 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK TRUCK RACING APPLICATIONS ONLY |
| | | | INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET |
| | | | WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY |
| | | | CRANK SPROCKET |
| | | 40520 | 1970-1976 EXCLUDING STOCK ROLLER CAM ENGINES. |
| | | | SMALL BLOCK CAR RACING APPLICATIONS ONLY |
| | | | INCLUDES 3/8" HY-VO TEC CHAIN, CAM SPROCKET |
| | | | WITH LIGHTENING HOLES & 9-MULTIPLE KEYWAY |
| | | | CRANK SPROCKET |
| | Oil Pump | 10050-700CT | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. OFFSET SCREEN FOR |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT |
| | | | AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | 10050-750SS | RACING. CHECK FOR PAN AND CRANK CLEARANCE. (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | 10050-75055 | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10050-825SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10055-700CT | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | |
| | | | 7." PAN INTEGRATED INTO PUMP BODY. INCLUDES |
| | | | OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE TRACK |
| | | | RACING. |
| | Continued on Next Page | | |
| | | | |

| 22 400 S.B. ENG - 1970-80 - 8 Cyl 4 1/8 Bore (INCLUDES TRUCKS) SMALL BLOCK 0il Pump 10055-7595S (MELLING PATENT 5.810,571) STANDARD VOLUME: UNLTPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTEOTIVE COATINGS. SCREEN FOR 3.25° PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS. STUD MOUNTING KIT AND CHARME MULT PLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTEOTIVE COATINGS. SCREEN FOR 3.25° PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS. STUD MOUNTING KIT AND CHARME MULT PLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTEOTIVE COATINGS. SCREEN FOR 7.5° PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS. STUD MOUNTING KIT AND CHARME MOLY US SHAFT. STREET AND STRIP. 10550 EXC. CHEVY IN VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES IS SHAFT WISTEL GUIDE. USES S60 TOMAL MOLY US SHAFT. STREET AND STRIP. 10551 EXC. CHEVY IN VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES IN SHAFT WISTEL GUIDE IN SHAFT WISTEL GUIDE. USES S60 TOMAL MARTER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5.810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFT WITHED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG INCLUDES (1256) CHARDME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. ETHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATION ON ONLY, (MELLING PATENT S.810,571) HI VOLUME PUMP (10% ADDL VOL OF OLUME PUMP (10% ADDL VOL OF OL) FEATURES: STEEL GEARS; STANDARD VOLUME VERSION OF THE LEGUIDE ENTHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH T | Line No. | Part Title | Part No. | Description |
|---|-------------|------------------------|-------------|---|
| Oil Pump 10055-750SS MELLING PATENT 5.810,571) STADADAD VOLUME MULTIPLE PRESQUES ESTINGS, ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS, SCREW IN VALVE, SCREEN FOR 8.25 PAN INTEGRATED INTO PUMP EDOY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME UNU TIPLE PRESQUES ESTINGS, ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS, SCREW IN VALVE, SCREEN FOR 7.5 PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME UNU TIPLE PRESQUES ESTINGS, ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS, SCREW IN VALVE, SCREEN FOR 7.5 PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME UNU 'IS SHAFT. STREET AND STRIP. 10550 EXC. CHEVY II HI VOLUME FUMP (26% ADD VOL OF PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II SIMM INLET HI VOLUME PUMP (25% ADD VOL OF OIL) - FFATURES: STEEL GEARS; INCLUDES IS SHAFT WSTEEL GUIDE: USES 56" DIAMETER SCREEN. OHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II SIMM INLET HI VOLUME PUMP (25% ADD VOL OF OIL) - FFATURES: STEEL GEARS; MOLUDES IS SHAFT WISTEL GUIDE. USES 34" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5.810,571) HI VOLUME PUMP (10% ADD VOL OF OIL) - FFATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES (12550) CHROME MOLY INTERMEDIATE SHAFT WISTEL GUIDE: STEEL GEARS; SHAFTS SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES (12550) CHROME MOLY INTERMEDIATE SHAFTS SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. STEEL GEARS; SHAFTS EXTEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10553 | | | | |
| MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OFTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. 10055-82555 (MELLING PATENT 5,810.571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT. SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OFTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. 10550 EXC. CHEVY II HY VOLUME PUMP (25%, ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES I/S SHAFT WISTEL GUIDE. USES 55% PIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II HY MOLUME PUMP (25%, ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES I/S SHAFT WISTELG GUIDE USES 34" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5,810,571) HI VOLUME PUMP (10%, ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES I/S SHAFT WISTELG GUIDE. SHAFT BETENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES I/S SIGL CHOWE MOLY INTERMEDIATE SHAFT WITH STEL GUIDE. SIGL STI JH VOLUME PUMP (10%, ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFT S EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [1250] CHROME MOLY INTERMEDIATE SHAFT WITH STELL GUIDE. SIGL STIPP FOR AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY. (MELLING PATENT SIGL STIPP. 10554 FEATURES STELL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STELL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. | 66 | | | - |
| COATINGS. SCREW IN VALVE. SCREEN FOR 8.25" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY IS SHAFT. STREET AND STRIP. 10055-82555 IMELLING PATENT 5.810.571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. VIEW DAY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY IS SHAFT. STREET AND STRIP. 10550 EXC. CHEVY IN H VOLUME FUMP (25% ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES IS SHAFT WISTELL GUIDE. USES 56% DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY IN 19MM INLET H VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES IS SHAFT WISTEL GUIDE. USES 3.4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 10551 EXC. CHEVY IN STELL GUIDE SUSES 3.4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 MELLING PATENT 5.810.571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STELL GEARS; INCLUDES IS 500) CHROME MOLY INTERMEDIATE SHAFT WITH STELL GUIDE. ENTER ADDL TO NO R PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY. (IMELLING PATENT S.810.571) HI VOLUME PUMP (10% ADDL VOL OF OL) FEATURES: STELL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STELL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STELL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. VERSION OF THE 10550 PUMP. T | | | | |
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| Image: State of the set of the s | | | | MOLY I/S SHAFT. STREET AND STRIP. |
| HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS, SOREW IN VALVE. SCREEN FOR JS: PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY VS SHAFT. STREET AND STRIP. 10550 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES VS SHAFT WSTEEL GUIDE. USES 5/8° DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES VS SHAFT W/STEEL GUIDE. USES 3/4° DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5.810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES [VS SHAFT W/STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. UTHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 TACING APPLICATIONS ONLY, (MELLING PATENT SHAFT WITH STEEL GUIDE. UTHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY, (MELLING PATENT SHAFT WITH STEEL GUIDE. HTHEN A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 CHABU HAS SCREEN ON TH THIS PUMP. CHECK FOR PAN AND | | | 10055-825SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY US SHAFT. STREET AND DSTRIP. 10550 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT WISTEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK FOR PAN AND CRAINK CLEARANCE. 10551 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRAINK CLEARANCE. 10552 (MELLING PATENT 5.810.571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PULG. INCLUDES I/2550/CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRAINK CLEARANCE. 10552 RACING APPLICATIONS ONLY, WELLING PATENT SAIDST) HI VOLUME PUMP (10% ADD VOL OF OIL) FEATURES; STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEL GUIDE. HAS ANT-CAVITATION GROUVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRAINK CLEARANCE. 10552 RACING APPLICATIONS ONLY, WELLING PATENT SAIDST) HI VOLUME PUMP (10% ADD VOLO FOIL) FEATURES; STEEL GEARS; STANDARD VOLUME VERSION OF THE IOSS PUMP. CHECK FOR PAN AND CRAINK CLEARANCE. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. CHECK FOR PAN AND CRAINK CLEARANCE. 10555 (MELLING PATENT 5.810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SIANDARD VOLUME VERSION OF THE 10551 PUMP. VERSION OF THE 10551 PUMP. VERSION OF THE 10551 PUMP. A | | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
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| RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY US SHAFT. STREET AND STRIP. 10550 EXC. CHEVY II HV VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES IN SHAFT WISTEEL GUIDE. USES 5/8' DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II HYMM INLET H VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES IN SHAFT WISTEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES IN SHAFT WITH STEEL GUIDE. USES 3/4" DIAMETER SCREEN CAN BE USED WITH UNGLINF SHAFT WITH STEEL GUIDE. ITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE: 10552C RACING APPLICATIONS ONLY, (MELLING PATENT SAID, 571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES INTO SONLY, (MELLING PATENT S,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES LIZESO] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10553 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25%, ADDL VOL OF ON UPERSIN SCREW IN PLUG. INCLUDES I 12 | | | | COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN |
| MOLY VS SHAFT. STREET AND STRIP. 10550 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES IS SHAFT WISTEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II HIM MILET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT WISTEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES I/S SHAFT SEXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES I/S SHAFTS EXTENDED WOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. ETHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY, (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG, INCLUDES I(12550) CHROM EMOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROVES. ETHER A BOLT ON OR PRESS IN SCREEN CAN BU USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES I 10550 (HROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. ETHER A BOLT ON OR PRESS IN SCREEN CAN BU USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| 10550 EXC. CHEVY II HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES. STEEL GEARS; INCLUDES I/S SHAFT WSTEEL GUIDE. USES 5/8* DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II 190M INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT WSTEEL GUIDE. USES 3/4* DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5.810.571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY. (MELLING PATENT 5.810,571) HI VOLUME FUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; STANDARD VOL OF OIL) FEATURES: STEEL GEARS; STANDARD VOL OF OIL) FEATURES STEEL GEARS; STANDARD WOLLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS SCREW IN PLUG. INCLUDES (12500) CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10555 IMELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12503) CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT WSTEEL GUIDE. USES 58' DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10551 EXC. CHEVY II 19MM INLET HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT WISTEEL GUIDE. USES 34" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. 10552 (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG, INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (10%. ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR PAN AND CRANK CLEARANCE. 10552 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (10%. ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG, INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10553 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10555 (MELLING PATENT 5,810,571 HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG, INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH | | | | |
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| COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE.10553FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.10554FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.10555(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) |
| SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE.10553FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP.10554FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.10555(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO |
| INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10553 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | COVER FOR SUPPORT. REFIEF VALVE SPRING HAS |
| ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 10553 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. 10554 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. 10555 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
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| VERSION OF THE 10550 PUMP.10554FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP.10555(MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | 40550 | |
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| VERSION OF THE 10551 PUMP. 10555 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | 10554 | |
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| ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | 10555 | |
| EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | 10000 | |
| VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| PAN AND CRANK CLEARANCE. | | | | |
| Continued on Next Page | | | | |
| | | Continued on Next Page | | |

| Line | | PERFUR | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|---------------------------------|------------------|---|
| No. | Part Title | Part No. | Description |
| 22 | 400 S.B. ENG - 1970-80 - 8 Cyl. | - 4 1/8 Bore (IN | CLUDES TRUCKS) SMALL BLOCK |
| | Oil Pump | 10555C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY |
| | | | INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOLUME) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10990C | RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Screen | 12557 | BOLT ON SCREEN. USE W/7" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON SCREEN FOR 10555 PUMP. |
| | | 12558 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12559 | BOLT ON SCREEN. USE WITH 8" DEEP STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12564 | BOLT ON SCREEN. USE WITH 7" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | | 12566 | BOLT ON SCREEN. USE WITH 7 1/2" DEEP OVAL TRACK PAN. NOTE: MESH IS TO THE RIGHT. NOTE: CLEARANCE BETWEEN THE BOLTS AND THE HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. |
| | Oil Pump Drive Shaft | 12550 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 23 | 396 ENG - 1965-70 - 8 Cyl 4.0 | | | | 200011911011 | | |
| 20 | Torque Camshaft | | | , | | _ | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. USE [VS-320] SPRING W/ | MTC-6 | 204 208 | 288 298 | .459 .459 | 108 116 | 112 |
| | INSTALLED HGT. OF 1.90. CAM | | | | | | |
| | LIFT INT .270 EXH .270 CLASS I. | | | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 22206 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 114 |
| | OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3200-7200. | | | | | | |
| | 1965-66 REQUIRES A 3/16" WIDE | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | X 7/16" DEEP GROOVE CUT IN | | 201 270 | OLL OLL | .000 .000 | 100 110 | 112 |
| | THE REAR BEARING JOURNAL. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 4500-8000. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS I. NOT CALIFORNIA | 22100 | 192 203 | 271 281 | .398 .430 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | CLASS I. NOT CALIFORNIA | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 700-4500. | 00004 | 014 004 | 000.000 | 500 500 | 100 110 | 110 |
| | CLASS II. NOT CALIFORNIA | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | 22214 | 214 214 | 203 203 | 503 503 | 109 119 | 11/ |
| | 1700-5200. CLASS II. NOT CALIFORNIA | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22214 | 214 214 | 293 293 310 325 | .503 .503 | 109 119 | 114 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | | | | | | |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA | | | | | | |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | | | | | | |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. CLASS III. NOT CALIFORNIA | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 23 | 396 ENG - 1965-70 - 8 Cyl 4.0 | | DES TRUC | | | | |
| | Camshafts Using Hydraulic Flat | | | - | la ale a a | Design | Desire |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparation |
| | CLASS III. NOT CALIFORNIA | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | 22000 | 221 201 | 002 000 | .020 .002 | 110 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. CLASS IV. NOT CALIFORNIA | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | 22400 | 241 240 | 303 310 | .009 .072 | 110 114 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3000-6500. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | 0.0 02. | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| ĺ | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTER [BB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | | 22226 | 224 234 | 206.000 | E07 E44 | 106 114 | 110 |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [BB817RF16] | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700 | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. |
| | | | PLATES W | EAR SURF | ACES TO PF | REVENT SC | ORING |
| | | | | | G ENGINE S | TART UP. 4 | OZ |
| | | | CONTAINE | | | | |
| | Torque Cam Lifter Kit | CL-MTC-6 | | | | | |
| | | | - | - | G W/INSTAL | | |
| | | | | | MPLIANT. KI | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | ORY SETTI | ERS & 4OZ I | | |
| | Hydraulic Flat Tappet Litters | 298174 | | | AT ZERO LAS | | |
| | | 230104 | | BLE VALVE | | | |
| | | 1 | | | | | |
| | Hydraulic Roller Lifters | JB-7003 | STOCK RF | PLACEMEN | IT TYPE HYI | D. ROLI FR | |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------------------|-----------|--|
| 23 | 396 ENG - 1965-70 - 8 Cyl 4.0 | | |
| 20 | Hydraulic Retro-fit Roller Lifters | BB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER |
| | Hydraulic Retro-IIt Roller Litters | BBOITHFID | CAMSHAFTS [22141], [22236] |
| | Valve Locks | 473004 | HARDENED 3/8" STEM 2 GROOVE |
| - | | 476104 | HARDENED 11/32" STEM |
| - | Valve Spring with Mechanical | VS-320 | USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 |
| | Lifters | | (MACHINING MAY BE REQUIRED) |
| | | VS-320 | USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88 |
| | | 466154 | 1965-1970 OUTER- USE WITH [22427] CAM- MACHINING |
| | | | MAY BE REQUIRED |
| | | 466164 | 1965-1970 INNER- USE WITH [22427] CAM- MACHINING |
| | | | MAY BE REQUIRED |
| | Valve Spring with Hydraulic | 466224 | USE WITH [22214], [22204], [22296], [22306], [22302], |
| | Lifters | | [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- |
| | | | MACHINING MAY BE REQUIRED. |
| | De alson Anna a | 466224 | USE WITH [22396] CAM- MACHINING MAY BE REQUIRED |
| - | Rocker Arms | 498684 | LONG SLOT ROCKER ARM RATIO 1.75 INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. |
| | Chrome Moly Push Rods | 500154 | SPRING PRESSURE 350 LBS. |
| | | 500164 | EXH 3/8" DIA. 9.230 LENGTH - HEAT TREATED FOR |
| | | 500104 | GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. |
| | | 500294 | INT. 7/16" DIA. 8.280 LENGTH, 7/16" DIA. MAX. SPRING |
| | | 000234 | PRESSURE 350 LBS. |
| - | | 500304 | EXH. 7/16" DIA. 9.252 LENGTH, 7/16". MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| - | Guide Plates | MGP1064 | 7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | | MGP1074 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS |
| | | 48410Q | NOISY SET INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | 404100 | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS, RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS |
| | | | QUIET SET |
| | 3pc Set | 40205 | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | CAR AND TRUCK APPLICATIONS. INCLUDES DOUBLE |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND |
| | | | TRUCK APPLICATIONS |
| | Continued on Next Page | | |

| Line | | | |
|------------------|---|-------------|---|
| | Part Title 396 ENG - 1965-70 - 8 Cyl | Part No. | Description |
| 23 | , | | , |
| No. 23 3 3 | 3pc Set | 40401 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. CAR AND TRUCK APPLICATIONS. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. |
| | | 40510 | INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. |
| | | 48510T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. |
| | | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ -4° CAM ADJUSTMENT. BRONZE WASHER |
| | Oil Pump | 10070-800SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10070-900SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | 10077-800SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|---|--|--|---|---|--|-------------------------------------|-------------------------------|
| 23 | 396 ENG - 1965-70 - 8 Cyl 4.0 | | | | Description | | |
| 20 | Oil Pump | 10077-900SS | | PATENT 5,8 | 210 571) STA | | |
| | | | MULTIPLE HEAVY DU COATINGS | PRESSURE JTY SHAFT S 5. SCREW IN TED INTO PU | E SETTINGS SUPPORT A N VALVE. SC | . ALUMINUN ND PROTEC REEN FOR | /I BILLET. CTIVE 9" PAN |
| | | | RELIEF SF | PRINGS, STU SHAFT. STR | JD MOUNTII | NG KIT AND | |
| | | 10770 | STEEL GE | IMP (25% AE ARS; INCLU STOCK 3/4" | DES I/S SH | AFT W/STEE | |
| | | 10774 FEATURES STEEL GEARS; STANDARD VOLU VERSION OF THE 10770 PUMP. | | | | | IME |
| 10778 (MELLING PATENT 5,810,571) HI VOLUME I ADDL VOL OF OIL) FEATURES: STEEL GEA EXTENDED INTO COVER FOR SUPPORT, F VALVE HAS SCREW IN PLUG. INCLUDES [CHROME MOLY INTERMEDIATE SHAFT WI GUIDE. CHECK FOR PAN AND CRANK CLE 10778C (MELLING PATENT 5,810,571) HI VOLUME I | | | | TEEL GEAR PPORT, RE CLUDES [12 SHAFT WITH | ARS; SHAFTS RELIEF [12770] /ITH STEEL | | |
| | | 10778C | ADDL VOL EXTENDE VALVE HA CHROME GUIDE. HA SPECIAL S | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAF EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRE SPECIAL SCREW IN SCREEN. RACING APPLICATION ONLY. CHECK FOR PAN AND CRANK CLEARANCE. | | | |
| | Oil Pump Drive Shaft | 12770 | STRENGT IMPROVEI | IANCE TYPE H (150,000 F D SHAFT RE UMP DRIVE | PSI) CHROM | E MOLY ST | EEL. |
| 24 | 400 B.B. ENG - 1970-1973 - 8 C | yl 4.125 Bore | (INCLUDE | S TRUCKS |) BIG BLO | СК | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1970-1971 HYD. USE [VS-320] SPRING W/INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-6 | Int. Exh. 204 208 | Int. Exh. 288 298 | Int. Exh. .459 .459 | Int. Exh. 108 116 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | 1970-1971 OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200. | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|---------------|----------------------|----------------------|----------------------|-------------------------|------------|
| 24 | 400 B.B. ENG - 1970-1973 - 8 C | yl 4.125 Bore | (INCLUDE | | | СК | |
| | Camshafts Using Mechanical | | i | | | | Degrees |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1970-1971 1965-66 REQUIRES A | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | 3/16" WIDE X 7/16" DEEP | | | | | | |
| | GROOVE CUT IN THE REAR | | | | | | |
| | BEARING JOURNAL. CLASS IV. | | | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 4500-8000. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1970-1971 CLASS I. NOT | 22100 | 192 203 | 271 281 | .398 .430 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | | | |
| | 1970-1971 CLASS I. NOT | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 700-4500. | | | | | | |
| | 1970-1971 CLASS II. NOT | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. 1970-1971 CLASS II. NOT | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | 1970-1971 CLASS II. NOT | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | CALIFORNIA COMPLIANT. NOT | 0 | | 0.0.020 | .000 .000 | 110 120 | 110 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | 1970-1971 CLASS III. NOT | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1970-1971 CLASS III. NOT | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1970-1971 CLASS IV. NOT | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic Roller Lifters | | Degrees .050" dur | Degrees | Inches Valve lift | Degrees | Degrees |
| | | | | ADV. Dur | Int. Exh. | Lobe cntr. Int. Exh. | Separation |
| | CLASS IV. NOT CALIFORNIA | 22472 | Int. Exh. 237 245 | Int. Exh. 335 329 | | 109 115 | 112 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22412 | 231 243 | <u> </u> | .626 .639 | 109 115 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Continued on Next Page | | | | | | |
| | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|------------------------------------|-----------|--|---------------------|----------------------|-----------------------|-----------------------|--|
| 24 | 400 B.B. ENG - 1970-1973 - 8 C | | (INCLUDE | | | СК | | |
| <u> </u> | Camshafts Using Hydraulic | | r` | | Í | | _ | |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Coparation | |
| | 1970-1971 CLASS IV. NOT | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 | |
| | CALIFORNIA COMPLIANT. NOT | 22400 | 241 240 | 000 010 | .000 .072 | | 112 | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 3000-6500. | | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 2600-6300. | | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | 1970-1971 FOR USE WITH | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 | |
| | RETRO-FIT ROLLER LIFTER | | | | | | | |
| | [BB817RF16] CLASS I. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1700-5200 | | | | | | | |
| | 1970-1971 FOR USE WITH | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 | |
| | RETRO-FIT ROLLER LIFTER | | | | | | | |
| | [BB817RF16] CLASS II. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 2200-5700 | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING | | | | | |
| | | | | | | | | |
| | | | | | G ENGINE S | TART UP. 4 | 02 | |
| | Torque Cam Lifter Kit | CL-MTC-6 | CONTAINE | | D. NOT CO | | | |
| | | | | | ITH [VS-320] | | \\// | |
| | | | | | 1.90. NOT CA | | / | |
| | | | | | UDES 1-[MT | | 16-[JB-817] | |
| | | | | 40Z MELL | - | o oj o <i>i</i> , | 10-[JB-81/] | |
| | Hydraulic Flat Tappet Lifters | 298174 | | | ORY SETTIN | IG | | |
| | , , | 298184 | | | P UP, SET A | | SH; MUST | |
| | | | | | | | | |
| | Hydraulic Roller Lifters | JB-7003 | 1970-1971 | STOCK RE | PLACEMEN | TYPE; HYI | D. ROLLER | |
| | Hydraulic Retro-fit Roller Lifters | BB817RF16 | | | DR USE W/ F | RETRO-FIT I | ROLLER | |
| | | | | TS [22141], | | | | |
| | Valve Locks | 473004 | | | 0 3/8" STEM | | | |
| | | 476104 | | | 0 11/32" STE | | · · · - - | |
| | Valve Spring with Mechanical | VS-320 | | - | C-6] CAMSH | | | |
| | Lifters | NO 000 | | | NING MAY B | | | |
| | | VS-320 | | USE WITH | [22100] CAM | - NOTE: AS | M. HEIGH [| |
| | | 400154 | OF 1.88 | | | | | |
| | | 466154 | | | SE WITH [224 | +∠/] ∪AIVI- IV | | |
| | | 466164 | MAY BE R 1970-1971 | | | | | |
| | Valve Spring with Hydraulic | 466224 | | | [22214], [222 | 0/11 [200061 | [22306] | |
| | Lifters | 700224 | | | S- NOTE: AS | | | |
| | | | | IG MAY BE F | | | 01 1.00- | |
| | Continued on Next Page | | | | | | | |
| | | | | | | | | |

| | | PERFURI | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|-------------|--------------------------------|---------------|---|
| Line No. | Part Title | Part No. | Description |
| 24 | 400 B.B. ENG - 1970-1973 - 8 C | yl 4.125 Bore | (INCLUDES TRUCKS) BIG BLOCK |
| | Valve Spring with Hydraulic | 466224 | 1970-1971 USE WITH [22396] CAM- MACHINING MAY BE |
| | Lifters | | REQUIRED |
| | Valve Spring Retainers | 475064 | 1970-1971 CHROME MOLY |
| | Rocker Arms | 498684 | 1970-1971 LONG SLOT ROCKER ARM RATIO 1.75 |
| | Chrome Moly Push Rods | 500154 | 1970-1971 8.280 LENGTH - HEAT TREATED FOR |
| | | | GUIDEPLATES, DRILLED, 3/8" DIAMETER MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500164 | 1970-1971 9.252 LENGTH - HEAT TREATED FOR GUIDE |
| | | | PLATES, DRILLED, 3/8" DIAMETER MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500294 | 1970-1971 8.280 LENGTH - DRILLED, 7/16" DIAMETER |
| | | | 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 |
| | | | LBS. |
| | | 500304 | 1970-1971 9.252 LENGTH - DRILLED, 7/16" DIAMETER |
| | | | 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS. |
| | Guide Plates | MGP1064 | 1970-1971 7/16" THICK- MUST BE USED WITH |
| | | | SCREW-IN ROCKER ARM STUDS. (RAISED) |
| | | MGP1074 | 1970-1971 3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS. (RAISED) |
| | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. CAR APPLICATIONS ONLY NOISY SET |
| | | 48410Q | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | 40410Q | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. CAR APPLICATIONS ONLY QUIET SET |
| | 3pc Set | 40205 | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | • | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | CAR AND TRUCK APPLICATIONS. INCLUDES DOUBLE |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND |
| | | | TRUCK APPLICATIONS |
| | | 40401 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. CAR AND TRUCK APPLICATIONS. |
| | | | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | 40540 | SPROCKET. FOR CAR AND TRUCK APPLICATIONS. |
| | | 40510 | INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & |
| | | | MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK |
| | | | ROLLER CAM ENGINES, CAR AND TRUCK |
| | | | APPLICATIONS INCLUDES SEAMLESS SINGLE SOLID |
| | | | ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR |
| | | | AND TRUCK APPLICATIONS. |
| | Continued on Next Page | | |
| | - | 1 | I |

| Part Title | Part No. | Description |
|------------------------|-------------|--|
| | | (INCLUDES TRUCKS) BIG BLOCK |
| 3pc Set | 48510T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | TRACK, HOT ROD, CLAIMER ENGINES. CAR |
| | | APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE |
| | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4 |
| | | -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST |
| | | BEARINGS. |
| | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | TRACK, HOT ROD, CLAIMER ENGINES. CAR |
| | | APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE |
| | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4 -4° CAM ADJUSTMENT. BRONZE WASHER |
| Oil Pump | 10070-800SS | 1970-1971 (MELLING PATENT 5,810,571) HI VOLUME |
| On Pump | 10070-80055 | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | PROTECTIVE COATINGS, SCREW IN VALVE, SCREEN |
| | | FOR 8" PAN INTEGRATED INTO PUMP BODY. |
| | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | STREET AND STRIP. CHECK FOR PAN AND CRANK |
| | | CLEARANCE. |
| | 10070-900SS | 1970-1971 (MELLING PATENT 5,810,571) HI VOLUME |
| | | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM |
| | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEI |
| | | FOR 9" PAN INTEGRATED INTO PUMP BODY. |
| | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK |
| | | CLEARANCE. |
| | 10077-800SS | 1970-1971 (MELLING PATENT 5,810,571) STANDARD |
| | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMIN |
| | | BILLET. HEAVY DUTY SHAFT SUPPORT AND |
| | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEM |
| | | FOR 8" PAN INTEGRATED INTO PUMP BODY. |
| | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | STREET AND STRIP. |
| | 10077-900SS | 1970-1971 (MELLING PATENT 5,810,571) STANDARD |
| | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMIN |
| | | BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEI |
| | | FOR 9" PAN INTEGRATED INTO PUMP BODY. |
| | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD |
| | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | STREET AND STRIP. |
| | 10770 | 1970-1971 HI VOL PUMP (25% ADDL VOL OF OIL) |
| | | FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ |
| | | STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN |
| | | SCREEN. |
| | 10774 | 1970-1971 FEATURES STEEL GEARS; STANDARD |
| | | VOLUME VERSION OF THE 10770 PUMP. |
| Continued on Next Page | | |

| Line | | PERFUR | | | I CARS & | | Continued) |
|------|---|----------------|--|---|--|--|---|
| No. | Part Title | Part No. | | | Description | | |
| 24 | 400 B.B. ENG - 1970-1973 - 8 C | yl 4.125 Bore | | | | | |
| | Oil Pump | 10778 | PUMP (25° GEARS; SI SUPPORT INCLUDES SHAFT WI | ADDL VOI HAFTS EXTI , RELIEF VA 5 [12770] CH | PATENT 5,8 ¹ _ OF OIL) FE ENDED INTO LVE HAS SO ROME MOL GUIDE. CHEO | ATURES: S O COVER FO CREW IN PL Y INTERME | TEEL DR .UG. DIATE |
| | | 10778C | PUMP (25° GEARS; SI SUPPORT INCLUDES SHAFT WI GROOVES RACING A CRANK CL | % ADDL VOI HAFTS EXT , RELIEF VA [12770] CH TH STEEL G . REQUIRES PPLICATION .EARANCE. | PATENT 5,8 ¹ OF OIL) FE ENDED INTO LVE HAS SO ROME MOL' GUIDE. HAS S SPECIAL S S SPECIAL S | ATURES: S O COVER FO CREW IN PL Y INTERME ANTI-CAVIT SCREW IN S HECK FOR I | TEEL DR .UG. DIATE ATION CREEN. PAN AND |
| | Oil Pump Drive Shaft | 12770 | SHAFT. HI STEEL. IM ONTO THE | GH STRENO PROVED SH E OIL PUMP | ANCE TYPE GTH (150,000 IAFT RETAIL DRIVE SHA |) PSI) CHR(NER WHICH | OME MOLY |
| 25 | 402 ENG - 1971-72 - 8 Cyl 4.1 | 25 Bore (INCLU | DES TRUC | CKS) | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-6 | Int. Exh. 204 208 | Int. Exh. 288 298 | Int. Exh. .459 .459 | Int. Exh. 108 116 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200. | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000. | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE IDLE-4000. | 22100 | Int. Exh. 192 203 | Int. Exh. 271 281 | Int. Exh. .398 .430 | Int. Exh. 107 117 | 112 |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500. | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | - | | Description | | |
|-------------|--|----------------|----------------------|-----------------------|-------------------------|-------------------------|-----------------------|
| | 402 ENG - 1971-72 - 8 Cyl 4.1 | | | | Description | | |
| 25 | | 25 Bore (INCLU | | - | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tapper Litters | | .050" dur | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separation |
| | CLASS II. NOT CALIFORNIA | 22204 | Int. Exh. 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22204 | 214 224 | 292 302 | .503 .526 | 106 116 | 112 |
| | COMPETIANT: NOT COMPOTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | COMPLIANT. NOT COMPUTER | 22214 | 214 214 | 230 230 | .505 .505 | 103 113 | 114 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. Camshafts Using Hydraulic | | | | | | |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | Honer Enters | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | 207 240 | 000 020 | .020 .000 | 100 110 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3000-6500. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 00144 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 442 |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTER [BB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 | | | | | | |
| | Continued on Next Page | | | | | | |
| | Commund on Moxer age | | | | | | |

| | Part Title | Part No. | | | Description | | | | | |
|-----|------------------------------------|------------------|----------------------|---|---|-----------------------|-----------------------|--|--|--|
| | 402 ENG - 1971-72 - 8 Cyl 4.1 | | JDES TRUC | | • | | | | | |
| | Camshafts Using Hydraulic | | | - | Inches | Dogrado | Degrade | | | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Degrees Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation | | | |
| | FOR USE WITH RETRO-FIT | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 | | | |
| | ROLLER LIFTER [BB817RF16] | 0 | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 2200-5700 | | | | | | | | | |
| | Mell Lube | M-10012 | | SSEMBLY A | | | | | | |
| | | | | /EAR SURF/ | | | | | | |
| | | | | | G ENGINE S | NE START UP. 4OZ | | | | |
| | | | CONTAINE | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTC-6 | | | | OMPATIBLE. USE | | | | |
| | | | | - | | LLED HGT. OF 1.90. | | | | |
| | | | | T INCLUDE | | | | | | |
| | | | | - | | OZ MELL LUBE. | | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | | ORY SETTI | - | | | | | |
| | | 298184 | | | | | ST BE USED W/ | | | |
| ┝ | Hydraulic Roller Lifters | JB-7003 | | JSTABLE VALVE TRAIN CK REPLACEMENT TYPE; HYD. ROLLER | | | | | | |
| ┝ | Hydraulic Retro-fit Roller Lifters | BB817RF16 | | | | | | | | |
| | nyuraulic Retro-IIt Roller Litters | DD01/NF10 | | | FTER FOR USE W/ RETRO-FIT ROL [22141], [22236] | | | | | |
| ┢ | Valve Locks | 473004 | | D 3/8" STEN | | : | | | | |
| F | | 476104 | | D 11/32" ST | | - | | | | |
| F | Valve Spring with Mechanical | VS-320 | | TC-6] CAMS | | ALLED HG1 | T. OF 1.90 | | | |
| | Lifters | | - | NG MAY BE | | | | | | |
| Γ | | VS-320 | USE WITH | [22100] CA | M- NOTE: AS | SM. HEIGHT | OF 1.88 | | | |
| | | 466154 | OUTER- U | SE WITH [22 | 2427] CAM- I | MACHINING | MAY BE | | | |
| | | | REQUIRED | | | | | | | |
| | | 466164 | | SE WITH [22 | 427] CAM- N | IACHINING | MAY BE | | | |
| L | | | REQUIRED | | | | | | | |
| | Valve Spring with Hydraulic | 466224 | | [22214], [22 | | | 2302], | | | |
| | Lifters | | | MS- NOTE: | | HI OF 1.88- | | | | |
| - | | 400004 | | IG MAY BE F | | | | | | |
| ┝ | Valve Spring Retainers | 466224 475064 | CHROME | | | | NEQUINEL | | | |
| | Rocker Arms | 498684 | | | | 1 75 | | | | |
| | Chrome Moly Push Rods | 500154 | | IA. HEAT TH | | | ATES MAX | | | |
| | | 000104 | | RESSURE 3 | - | | | | | |
| F | | 500164 | | DIA. 9.230 LI | | AT TREATE | D FOR | | | |
| | | | | ATES. EXC. | | | | | | |
| | | | PRESSUR | E 350 LBS. | | | | | | |
| | | 500294 | INT. 7/16" | DIA 8.280 LE | ENGTH, 7/16 | " DIA. MAX. | SPRING | | | |
| | | | | E 350 LBS. | | | | | | |
| ſ | | 500304 | | ' DIA 9.252 L | ENGTH, 7/1 | 6". MAX. SP | RING | | | |
| | | | | E 350 LBS. | | | | | | |
| [| Guide Plates | MGP1064 | | K- MUST BE | | H SCREW-II | N ROCKER | | | |
| L | | | | DS. (RAISED | 1 | | | | | |
| - 1 | | MGP1074 | 3/8" THICK | - MUST BE | USED WITH | SCREW-IN | ROCKER | | | |
| | | | | DS. (RAISED | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|---|
| 25 | 402 ENG - 1971-72 - 8 Cyl 4.1 | | · · · |
| Ev | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS |
| | | | NOISY SET |
| | | 48410Q | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM. FOR CAR AND TRUCK APPLICATIONS QUIET SET |
| | 3pc Set | 40205 | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | Spc Set | 40203 | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | CAR AND TRUCK APPLICATIONS. INCLUDES DOUBLE |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND |
| | | | TRUCK APPLICATIONS |
| | | 40401 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. CAR AND TRUCK APPLICATIONS. |
| | | | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | 40510 | SPROCKET. FOR CAR AND TRUCK APPLICATIONS. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN |
| | | 40510 | (.335" ROLLER), CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK |
| | | | ROLLER CAM ENGINES. FOR CAR AND TRUCK |
| | | | APPLICATIONS INCLUDES SEAMLESS SINGLE SOLID |
| | | | ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR |
| | | | AND TRUCK APPLICATIONS. |
| | | 48510T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND |
| | | | TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE |
| | | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST |
| | | | BEARINGS. |
| | | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND |
| | | | TRUCK APPLICATIONS INCLUDES SEAMLESS DOUBLE |
| | | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ |
| | | | -4° CAM ADJUSTMENT. BRONZE WASHER |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|--|
| 25 | 402 ENG - 1971-72 - 8 Cyl 4.1 | | • |
| | Oil Pump | 10070-800SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | - | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10070-900SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10077-800SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10077-900SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10770 | HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: |
| | | | STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. |
| | | | WILL USE STOCK 3/4" PRESS-IN SCREEN. |
| | | 10774 | FEATURES STEEL GEARS; STANDARD VOLUME |
| | | | VERSION OF THE 10770 PUMP. |
| | | 10778 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT, RELIEF |
| | | | VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL |
| | | | GUIDE. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10778C | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT, RELIEF |
| | | | VALVE HAS SCREW IN PLUG. INCLUDES [12770] |
| | | | CHROME MOLY INTERMEDIATE SHAFT WITH STEEL |
| | | | GUIDE. HAS ANTI-CAVITATION GROOVES. REQUIRES |
| | | | SPECIAL SCREW IN SCREEN. RACING APPLICATIONS |
| | | | ONLY. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Oil Pump Drive Shaft | 12770 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT |
| | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|-----------|-----------|-------------|------------|------------|
| 26 | 427 ENG - 1966-69 - 8 Cyl 4.2 | | PPLICATIO | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees |
| | • | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. USE [VS-320] SPRING W/ | MTC-6 | 204 208 | 288 298 | .459 .459 | 108 116 | 112 |
| | INSTALLED HGT. OF 1.90. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | OEM #3904362. CLASS III. NOT | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 3200-7200. | | | | | | |
| | 1966 REQUIRES A 3/16" WIDE X | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | 7/16" DEEP GROOVE CUT IN | | 204 270 | 022 022 | .000 .000 | 100 110 | 112 |
| | THE REAR BEARING JOURNAL. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 4500-8000. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS I. NOT CALIFORNIA | 22100 | 192 203 | 271 281 | .398 .430 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | IDLE-4000. CLASS I. NOT CALIFORNIA | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | 22127 | 190 202 | 201 272 | .436 .405 | 100 114 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 700-4500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. CLASS III. NOT CALIFORNIA | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22302 | 230 230 | 208 208 | .515.513 | 100 114 | 110 |
| | COMPETIANT: NOT COMPOTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | Continued on Next Page | | | | | | |
| | 5 | | 1 | 1 | 1 | 1 | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|---|--------------|-------------|------------|-------------|
| 26 | 427 ENG - 1966-69 - 8 Cyl 4.2 | | PPLICATIO | | • | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS III. NOT CALIFORNIA | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | | _ | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3000-6500. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTER [BB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 FOR USE WITH RETRO-FIT | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 |
| | ROLLER LIFTER [BB817RF16] | 22230 | 224 204 | 230 300 | .527 .344 | 100 114 | 110 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700 | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | | NT. |
| | | | _ | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORIN AND GALLING DURING ENGINE START UP. 40Z | | | | |
| | | | CONTAINE | | | | |
| | Torque Cam Lifter Kit | CL-MTC-6 | CLASSIH | YD. NOT CO | OMPUTER C | OMPATIBLE | . USE |
| | | | WITH [VS- | 320] SPRINO | G W/INSTAL | LED HGT. C | F 1.90. |
| | | | NOT CALI | FORNIA COI | MPLIANT. KI | T INCLUDE | S 1-[MTC-6] |
| | | | CAM, 16-[J | JB-817] LIFT | ERS & 40Z I | MELL LUBE | |
| | Hydraulic Flat Tappet Lifters | 298174 | USE FACT | ORY SETTI | NG | | |
| | | 298184 | ANTI-PUM | IP UP, SET A | AT ZERO LAS | SH; MUST E | E USED W/ |
| | | | | BLE VALVE | | | |
| | | . | | | IT TYPE IN | | |
| | Hydraulic Roller Lifters Continued on Next Page | JB-7003 | STOCK RE | EPLACEMEN | NT TYPE; HY | D. ROLLER | |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------------------|-----------|--|
| | 427 ENG - 1966-69 - 8 Cyl 4.2 | | · · · · · |
| 26 | | | |
| | Hydraulic Retro-fit Roller Lifters | BB817RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT [22141], [22236] |
| | Valve Locks | 473004 | HARDENED 3/8" STEM 2 GROOVE |
| | | 476104 | HARDENED 11/32" STEM |
| | Valve Spring with Mechanical | VS-320 | USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 |
| | Lifters | 10 020 | (MACHINING MAY BE REQUIRED) |
| | | VS-320 | USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88 |
| | | 466154 | OUTER- USE WITH [22427] CAM- MACHINING MAY BE |
| | | | REQUIRED |
| | | 466164 | INNER- USE WITH [22427] CAM- MACHINING MAY BE |
| | | | REQUIRED |
| | Valve Spring with Hydraulic | 466224 | USE WITH [22214], [22204], [22296], [22306], [22302], |
| | Lifters | | [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- |
| | | | MACHINING MAY BE REQUIRED. |
| | | 466224 | USE WITH [22396] CAM- MACHINING MAY BE REQUIRED |
| | Valve Spring Retainers | 475064 | CHROME MOLY |
| | Rocker Arms | 498684 | LONG SLOT ROCKER ARM RATIO 1.75 |
| | Guide Plates | MGP1074 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | 404400 | 6,500 RPM.; NOISY SET NOISY SET INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | 48410Q | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM.; QUIET SET QUIET SET |
| | 3pc Set | 40205 | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | FOR CAR AND TRUCK APPLICATIONS |
| | | 40401 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. INCLUDES SEAMLESS SOLID ROLLER |
| | | | CHAIN, CAST IRON CAM SPROCKET, MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK |
| | | 40740 | APPLICATIONS. |
| | | 40510 | |
| | | | (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK |
| | | | ROLLER CAM ENGINES, INCLUDES SEAMLESS SINGLE |
| | | | SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR |
| | | | AND TRUCK APPLICATIONS. |
| | Continued on Next Page | | |
| | | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) | | | | | |
|------|--|----------------------|--|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | | |
| 26 | 427 ENG - 1966-69 - 8 Cyl 4.250 Bore CAR APPLICATIONS ONLY | | | | | | | |
| | 3pc Set | 48510T-9 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | | |
| | | 40310₩-3 | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER | | | | | |
| | Oil Pump | 10070-800SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | | 10070-900SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | | 10077-800SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. | | | | | |
| | | 10077-900SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. | | | | | |
| | | 10770 | HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN. | | | | | |
| | | 10774 | FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP. | | | | | |
| | Continued on Next Page | 10778 | HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | Commueu on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|-----------------|--|-----------------------------|----------------------|-----------------------|-----------------------|
| 26 | 427 ENG - 1966-69 - 8 Cyl 4.2 | | PPLICATIO | | | | |
| 20 | Oil Pump | 10778C | HI VOLUM | E PUMP (25 | | , | |
| | | | STEEL GEARS; SHAFTS EXTENDED INTO COVER FO SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. | | | | |
| | | | | , RELIEF VA S [12770] CH | | | |
| | | | | TH STEEL G | | | |
| | | | GROOVES | . REQUIRES | S SPECIAL S | SCREW IN S | CREEN. |
| | | | RACING A | PPLICATION | NS ONLY. CH | HECK FOR I | PAN AND |
| | | | | EARANCE. | | | |
| | Oil Pump Drive Shaft | 12770 | | IANCE TYPE | | | |
| | | | | H (150,000 F D SHAFT RE | | | |
| | | | | UMP DRIVE | | | |
| 27 | 427 ENG - 1980-90 - 8 Cyl 4.2 | 250 Bore (MEDIL | | | | IS ONLY | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. USE [VS-320] SPRING W/ INSTALLED HGT. OF 1.90. | MTC-6 | 204 208 | 288 298 | .459 .459 | 108 116 | 112 |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1000-4500. Camshafts Using Mechanical | | | | | | |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparadon |
| | OEM #3904362. CLASS III. NOT | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3200-7200. CLASS IV. NOT CALIFORNIA | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | COMPLIANT. NOT COMPUTER | 22421 | 204 270 | 522 522 | .559 .560 | 100 110 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 4500-8000. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | 22100 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22100 | 192 203 | 271 281 | .398 .430 | 107 117 | 112 |
| | COMPATBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | CLASS I. NOT CALIFORNIA | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 700-4500. CLASS II. NOT CALIFORNIA | 22204 | 014 004 | 202 202 | E02 E00 | 100 116 | 110 |
| | COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. Continued on Next Page | | | | | | |
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| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|------------------------|-----------------------|------------------------|-------------------------|------------|
| 27 | 427 ENG - 1980-90 - 8 Cyl 4.2 | | עדוום או . | | | | |
| | Camshafts Using Hydraulic Flat | | , | | | | |
| | Tappet Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tapper Litters | | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift | Lobe cntr. Int. Exh. | Separation |
| | | 00000 | 222 235 | 310 325 | Int. Exh. .500 .505 | 110 120 | 115 |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | COMPETIANT: NOT COMPOTER COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | 22302 | 230 230 | 309 309 | .515 .515 | 100 114 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | COMPLIANT. NOT COMPUTER | 22000 | 22. 20. | 002 000 | .020 .002 | 110 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | - | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3000-6500. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTERS [BB817RF16] | | | | | | |
| | AND [BB969RF16] CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200 | 00006 | 004 004 | 006 000 | | 106 114 | 110 |
| | FOR USE WITH RETRO-FIT | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 |
| | ROLLER LIFTERS [BB817RF16] | | | | | | |
| | AND [BB969RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700 | | | | | | |
| | Continued on Next Page | | | | | | |
| | Contract on Wext r age | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------------------|------------|---|
| 27 | | | JM DUTY) TRUCK APPLICATIONS ONLY |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | Torque Cam Lifter Kit | CL-MTC-6 | CLASS I HYD. NOT COMPUTER COMPATIBLE. USE |
| | | •= • • | WITH [VS-320] SPRING W/INSTALLED HGT. OF 1.90. |
| | | | NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-6] |
| | | | CAM, 16-[JB-817] LIFTERS & 40Z MELL LUBE. |
| | Hydraulic Flat Tappet Lifters | 298174 | USE FACTORY SETTING |
| | | 298184 | ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ |
| | | | ADJUSTABLE VALVE TRAIN |
| | Hydraulic Roller Lifters | JB-7003 | STOCK REPLACEMENT TYPE |
| | Hydraulic Retro-fit Roller Lifters | BB817RF16 | 1980-1987 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT |
| | | 220111110 | ROLLER CAMSHAFTS [22141], [22236] |
| | | BB969RF16 | 1988-1990 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT |
| | | 2200011110 | ROLLER CAMSHAFTS [22141], [22236] |
| | Valve Locks | 473004 | HARDENED 3/8" STEM 2 GROOVE |
| | | 476104 | HARDENED 11/32" STEM |
| | Valve Spring with Mechanical | VS-320 | USE W/ [MTC-6] CAMSHAFT; INSTALLED HGT. OF 1.90 |
| | Lifters | | (MACHINING MAY BE REQUIRED) |
| | | VS-320 | USE WITH [22100] CAM- NOTE: ASM. HEIGHT OF 1.88 |
| | | 466154 | OUTER- USE WITH [22427] CAM- MACHINING MAY BE |
| | | | REQUIRED |
| | | 466164 | INNER- USE WITH [22427] CAM- MACHINING MAY BE |
| | | | REQUIRED |
| | Valve Spring with Hydraulic | 466224 | USE WITH [22214], [22204], [22296], [22306], [22302], |
| | Lifters | | [22100] CAMS- NOTE: ASM. HEIGHT OF 1.88- |
| | | | MACHINING MAY BE REQUIRED. |
| İ | | 466224 | USE WITH [22396] CAM- MACHINING MAY BE REQUIRED |
| | Valve Spring Retainers | 475064 | CHROME MOLY |
| | Rocker Arms | 498684 | LONG SLOT ROCKER ARM RATIO 1.75 |
| | Chrome Moly Push Rods | 500624 | INT. 3/8" DIA. MAX. SPRING PRESSURE 350 LBS. |
| | | 500634 | EXH. 3/8" DIA. MAX. SPRING PRESSURE 350 LBS. |
| | Guide Plates | MGP1064 | 7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | | MGP1074 | 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER |
| | | | ARM STUDS. (RAISED) |
| | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM.; NOISY SET NOISY SET |
| | | 48410Q | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM.; QUIET SET QUIET SET |
| | Continued on Next Page | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|------------------------|-------------|---|
| No. | Part Title | Part No. | Description |
| 27 | - | | JM DUTY) TRUCK APPLICATIONS ONLY |
| | 3pc Set | 40205 | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. |
| | | 40.404 | FOR CAR AND TRUCK APPLICATIONS |
| | | 40401 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. INCLUDES SEAMLESS SOLID ROLLER |
| | | | CHAIN, CAST IRON CAM SPROCKET, MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK |
| | | | APPLICATIONS. |
| | | 40510 | INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN |
| | | | (.335" ROLLER), CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK |
| | | | ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE |
| | | | SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| | | | EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR |
| | | | AND TRUCK APPLICATIONS. |
| | | 48510T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | 40540140 | |
| | | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | Oil Pump | 10070-800SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10070-900SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|-------------------------------|----------------|--|--------------|--------------|------------|------------|--|
| 27 | 427 ENG - 1980-90 - 8 Cyl 4.2 | | JM DUTY) 1 | | | | | |
| | Oil Pump | 10077-800SS | , | PATENT 5,8 | | | LUME. | |
| | • · · · •····P | | | PRESSURE | | | | |
| | | | | JTY SHAFT | | | | |
| | | | COATINGS | S. SCREW IN | VALVE. SC | REEN FOR | 8" PAN | |
| | | | INTEGRAT | ED INTO PU | JMP BODY. | INCLUDES | OPTIONAL | |
| | | | RELIEF SF | RINGS, STU | JD MOUNTI | NG KIT AND | CHROME | |
| | | | MOLY I/S | SHAFT. STR | EET AND S | TRIP. | | |
| | | 10077-900SS | (MELLING | PATENT 5,8 | 310,571) STA | ANDARD VO | LUME. | |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLE | | | | | |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN | | | | | |
| | | | | | | | | |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTI RELIEF SPRINGS, STUD MOUNTING KIT AND CHR | | | | | |
| | | | | | | | | |
| | | | | SHAFT. STR | | | | |
| | | 10770 | HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES | | | | | |
| | | | STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. | | | | | |
| | | | WILL USE STOCK 3/4" PRESS-IN SCREEN. | | | | | |
| | | 10774 | FEATURES STEEL GEARS; STANDARD VOLUME | | | | | |
| | | | VERSION OF THE 10770 PUMP. | | | | | |
| | | 10778 | (MELLING PATENT 5,810,571) HI VOLUME PUMP | | | | | |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHA EXTENDED INTO COVER FOR SUPPORT, RELIEF | | | | | |
| | | | | | | | | |
| | | | | S SCREW I | | - | - | |
| | | | | | | | | |
| - | | 10778C | | HECK FOR F | | | | |
| | | 10//80 | | OF OIL) FE | | | • | |
| | | | | D INTO COV | | | | |
| | | | | S SCREW I | | | | |
| | | | | | | - | - | |
| | | | | AS ANTI-CA | | | | |
| | | | | SCREW IN S | | | | |
| | | | | ECK FOR PA | | | | |
| - | Oil Pump Drive Shaft | 12770 | | IANCE TYPE | | | | |
| | | | _ | H (150,000 F | | - | - | |
| | | | |) SHAFT RE | | | | |
| | | | THE OIL P | UMP DRIVE | SHAFT | | | |
| 28 | 454 ENG - 1970-76 - 8 Cyl 4.2 | 50 Bore (CAR A | PPLICATI | ONS ONLY |) | | | |
| | Torque Camshaft | ``` | Degrees | Degrees | Inches | Degrees | Degrees | |
| | - | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | HYD. USE [VS-320] SPRING W/ | MTC-6 | 204 208 | 288 298 | .459 .459 | 108 116 | 112 | |
| | INSTALLED HGT. OF 1.90. | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1000-4500. | | | | | | | |
| Ī | Continued on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 28 | 454 ENG - 1970-76 - 8 Cyl 4.2 | | | | | | |
| 20 | Camshafts Using Mechanical | | | | Í | D | P |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | OEM #3904362. CLASS III. NOT | 22396 | 242 242 | 310 297 | .520 .520 | 108 120 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3200-7200. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 4500-8000. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS I. NOT CALIFORNIA | 22100 | 192 203 | 271 281 | .398 .430 | 107 117 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | IDLE-4000. CLASS I. NOT CALIFORNIA | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | COMPLIANT. NOT CALIFORNIA | 22127 | 190 202 | 201 272 | .436 .405 | 100 114 | 110 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 700-4500. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | COMPLIANT. NOT COMPUTER | | | 202 002 | .000 .020 | 100 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2200-5700. | | | | | | |
| | CLASS III. NOT CALIFORNIA | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. CLASS III. NOT CALIFORNIA | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | COMPLIANT. NOT CALIFORNIA | 22300 | 224 234 | 302 308 | .526 .552 | 110 116 | 114 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2500-6000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Continued on Next Page | | | | | | |

| • | Part Title | Part No. | | | Description | | |
|---|--|-----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| | 454 ENG - 1970-76 - 8 Cyl 4.2 | | | | | | |
| | Camshafts Using Hydraulic | | | | Í | _ | _ |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Deparation |
| | CLASS IV. NOT CALIFORNIA | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | COMPLIANT. NOT COMPUTER | 22400 | 241 240 | 303 310 | .559 .572 | 110 114 | 112 |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3000-6500. | | | | | | |
| F | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | 0.0 02. | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| ľ | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTER [BB817RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 |
| | ROLLER LIFTER [BB817RF16] | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| L | 2200-5700 | | | | | | |
| | Mell Lube | M-10012 | | SSEMBLY A | | | |
| | | | | VEAR SURF | | | |
| | | | | | G ENGINE S | TART UP. 4 | ΟZ |
| ŀ | Torque Cam Lifter Kit | CL-MTC-6 | | ER. IYD. NOT CO | | | |
| | Torque Cam Linter Kit | | | 320] SPRIN | | | |
| | | | - | FORNIA COI | | | |
| | | | | JB-817] LIFT | | | |
| ł | Hydraulic Flat Tappet Lifters | 298174 | | ORY SETTI | | | • |
| F | ······································ | 298184 | | IP UP, SET A | | SH: MUST E | E USED W |
| | | | | BLE VALVE | | - , | |
| ſ | Hydraulic Roller Lifters | JB-7003 | STOCK RE | EPLACEMEN | IT TYPE; HY | D. ROLLER | |
| ſ | Hydraulic Retro-fit Roller Lifters | BB817RF16 | RETRO-FI | T LIFTER FO | DR USE W/ F | RETRO-FIT I | ROLLER |
| | | | CAMSHAF | TS [22141], | [22236] | | |
| | Valve Locks | 473004 | HARDENE | ED 3/8" STEN | 1 2 GROOVE | - | |
| | | 476104 | | D 11/32" ST | | | |
| | Valve Spring with Mechanical | VS-320 | - | ITC-6] CAMS | | | r. of 1.90 |
| | Lifters | | | NG MAY BE | , | | |
| | | VS-320 | | I [22100] CA | | | |
| | | 466154 | | ISE WITH [22 | 2427] CAM- I | MACHINING | MAY BE |
| ╞ | | 400404 | | | 4071 0 414 1 | | |
| | | 466164 | | SE WITH [22 | 427] CAM- N | IACHINING | MAY BE |
| ╞ | Value Onving with the tar th | 400004 | | | 0041 00000 | 1 [00000] [7 | 00001 |
| | Valve Spring with Hydraulic | 466224 | | 1 [22214], [22 | | | 2302], |
| | Lifters | | | AMS- NOTE: | | 11 UF 1.88- | |
| | | | | IG MAY BE F | | | |
| ┢ | | 466224 | USE WITH | | | | BEULIDEL |

| Line |
|------|
| No. |
| 28 |

| 454 ENG - 1970-76 - 8 Cyl 4.250 Bore (CAR APPLICATIONS ONLY) Valve Spring Retainers 475064 CHROME MOLY Rocker Arms 498684 LONG SLOT ROCKER ARM RATIO 1.75 Chrome Moly Push Rods 500154 INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. 500164 EXH. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. 500294 500294 INT. 7/16" DIA 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500304 EXH. 3/7 DIA 9.232 LENGTH - /16". MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 6620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES COUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLER OLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE | Part Title | Part No. | Description |
|--|------------------------|----------|---|
| Yalve Spring Retainers 475064 CHROME MOLY Rocker Arms 499684 LONG SLOT ROCKER ARM RATIO 1.75 Chrome Moly Push Rods 500154 INT. 3/8' DIA. JEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. 500164 EXH. 3/8' DIA. JSQU LENGTH. HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500294 INT. 7/16' DIA 3252 LENGTH. 7/16''. MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16'' THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 5620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTE WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 3pc Set 48410Q INCLUDES 5620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SIDID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLLER CHAIN, CAST IRON CAM S | | | |
| Procker Arms 498684 LONG SLOT ROCKER ARM RATIO 1.75 Chrome Moly Push Rods 500154 INT. 3% 'DA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. Source 500164 EXH. 3% DIA. 9.230 LENGTH - HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500294 INT. 7/16" DIA 8.280 LENGTH, 7/16" DIA. MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Guide Plates MGP1074 3/8" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM., NOISY SET NOISY SET 3pc Set 49410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; OUISE SET ULEE SET 3pc Set 40205 INCLUDES 8020 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; OUISE SEAMLESS SUID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. NCLUDES SEAMLESS SUID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPR | | • | |
| Chrome Moly Push Rods 500154 INT. 3/8* DIA. HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. 500164 EXH. 3/8* DIA. 9.230 LENGTH. HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500294 INT. 7/16* DIA 3200 LENGTH. HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500304 EXH. 7/16* DIA 3200 LENGTH. 7/16*. MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16* THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 48410 INCLUDES 3620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP. CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 3pc Set 40205 40401 INCLUDES B620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP. CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; OUIET SET QUIET SET 3pc Set 40205 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST TIRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST INCLUDES DOUBLE ROLLER CHAIN, CAST INCLUDES SEAMLESS SUID ROLLER CHAIN, CAST INCLUDES SEAMLESS SUID ROLLER CHAIN, CAST INCLUDES SEAMLESS SUID ROLLER CHAIN, CAST INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN, CAST INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.33* ROLLER). CAST IRON CAM SPR | | | |
| SPRING PRESSURE 350 LBS. 500164 EXH. 3/8" DIA. 9.230 LENGTH. TRAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500294 INT. 7/16" DIA 9.260 LENGTH. 7/16" DIA. MAX. SPRING PRESSURE 350 LBS. Guide Plates 500304 EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 MGP1074 3/8" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 MGP1074 3/8" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET INCLUDES B620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SCAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS | | | INT. 3/8" DIA. HEAT TREATED FOR GUIDE PLATES MAX. |
| GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. 500294 INT. 7/16" DIA 8.280 LENGTH, 7/16" IA. MAX. SPRING PRESSURE 350 LBS. Guide Plates S00304 EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; NOISY SET 48410Q INCLUDES 8020 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; NOISY SET 3pc Set 40205 INCLUDES 8020 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; OUIET SET GUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 | | | SPRING PRESSURE 350 LBS. |
| 500294 INT. 7/16* DIA 280 LENGTH, 7/16* DIA. MAX. SPRING PRESSURE 350 LBS. 500304 EXH. 7/16* DIA 9.252 LENGTH, 7/16* MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16* THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 3/8* THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM; NOISY SET 484100 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM; QUIET SET QUIET SET 3pc Set 40205 INCLUDES 1000LE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SOLI | | 500164 | EXH. 3/8" DIA. 9.230 LENGTH - HEAT TREATED FOR |
| PRESSURE 350 LBS. 500304 EXH. 7/16' DIA 9.252 LENGTH, 7/16'. MAX. SPRING PRESSURE 30 LBS. Guide Plates MGP1064 7/16' THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES SEQ: CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODE DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM; NOISY SET NOISY SET 505 Set 48410Q INCLUDES B002 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SOULD ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINCLE SOLID ROLLER CHAIN (335' ROLLER CHAIN (335' ROLLER) | | | GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. |
| 500304 EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1064 7/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLIDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDE FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDE FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6.500 RPM.; QUIET SET OUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, SPROCKET, NULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, STIRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET, SULID SOLLER CHAIN (336" ROLLER; CHAIN (335" ROLLER CHAIN (336" ROLLER; CAIN SINGLES SOLID ROLLER CHAIN (336" ROLLER; CAIN SP | | 500294 | INT. 7/16" DIA 8.280 LENGTH, 7/16" DIA. MAX. SPRING |
| Guide Plates MGP1064 MGP1074 7/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set MGP1074 3/8" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. NOISY SET NOISY SET A84100 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET OUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APULCATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APULCATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, FOR CAR AND SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN (335" ROLLER CHAIN (335" ROLLER) CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CHAIN (250" ROLLER), AND TRUCK APPLICATIONS. 40510 | | | |
| Guide Plates MGP1064 7/16* THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 6620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 6620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 3pc Set 48410Q INCLUDES 0020 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335* ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, EXTOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335* ROLLER), CAST IRON CAM SPROCKET, EXCLUDES STOCK ROLLER, CAST REDOR CAR SPRO | | 500304 | EXH. 7/16" DIA 9.252 LENGTH, 7/16". MAX. SPRING |
| ARM STUDS. (RAISED) MGP1074 3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM: INOISY SET TO 6,500 RPM: INOISY SET TO 6,500 RPM: UNITS /S TH NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES BUP TO 6,500 RPM: QUIET SET GUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 48510T-9 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT | | | |
| MGP1074 3/8' THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED) Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40011 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, CHAIN, CAST IRON CAM SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES STOK RONCLER, CAR AND TRUCK ROLLER CAN SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (250' ROLLER), BILLET STEEL CAM SPROCKET & WICH 44''4'' CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | Guide Plates | MGP1064 | |
| Gear Drive Set 48410 INCLUDES 6620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 6620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRAIK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRAIK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRAIK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRAIK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRAIK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRAIK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER CHAIN (.335" ROLLER CHAIN (.335" ROLLER MULTIPLE KEYWAY CRAIK SPROCKET. MULTIPLE KEYWAY CRAIK SPROCKET. | | | |
| Gear Drive Set 48410 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IFON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IFON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLD ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLD ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SOLD ROLLER CHAIN, CAST IRON CAM SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLD ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAN ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH 44/44°-44°-44°-44 | | MGP1074 | |
| CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS, RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET AD205 MICLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER 40401 INCLUDES SEAMLESS SOLID ROLLER VANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER, CAST IRON CAM SPROCKET SOLID ROLLER CHAIN, SPROCKET EX. STOCK | | | |
| ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET INCLUDES 8620 CARBURZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST HON CAM SPROCKET. MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST HON CAM SPROCKET. INCLUDES SEAMLESS SOLID ROLLER VANY CRANK SPROCKET. FOR CAR AND TRUCK SPROCKET INCLUDES SEAMLESS SOLID ROLLER CHAIN (335* ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET & SPROCKET, MULTIPLE <td< th=""><th>Gear Drive Set</th><th>48410</th><th></th></td<> | Gear Drive Set | 48410 | |
| PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND PACING ENGINES UP TO 6,500 RPM.; NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET Specket 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KE | | | |
| AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; NOISY SET NOISY SET 484100 INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SOLIDE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, INULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK | | | |
| 6,500 RPM.; NOISY SET NOISY SET 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET GEOSORPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. NULTIPLE KEYWAY CRANK SPROCKET. SPROCKET. INCLUDES SEAMLESS SOLID ROLLER 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. NULTIPLE KEYWAY CRANK SPROCKET. SPROCKET. INCLUDES SEAMLESS SOLID ROLLER 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET. SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET WITH +470 CRANK SPROCKET. SPROCKET WITH +470 CRANK SPROCKET. SCLUDES SECONDE FOR STREET AND | | | |
| 48410Q INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SCALLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335' ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, CAST IRON CAM SPROCKET AND STRIP, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER, CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CAM MENTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250' ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | , |
| CAMBUTTON, LOCK PLATE AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON C | | | , , |
| ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. BECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4"/-4" CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | 48410Q | |
| PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM.; QUIET SET 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. NULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK BILLET STEEL CAM | | | , |
| AND STRIP, CLAIMER AND RACING ENGINES UP TO 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, INCLUDES SEAMLESS SOLID ROLLER PROCKET, INCLUDES SEAMLESS SOLID ROLLER PROCKET, INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CAM NULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR <th></th> <th></th> <th></th> | | | |
| 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET, EXCLUDES STOCK ROLLER CAM ENGINES, FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES, INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT, PRESS FIT ROLLER THRUST BEARINGS. | | | |
| 3pc Set 40205 INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET. MULTIPLE KEYWAY CRANK SPROCKET. SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CAM IN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | 2no Sot | 40205 | |
| INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | Spc Set | 40205 | |
| 40401 SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| FOR CAR AND TRUCK APPLICATIONS 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET, STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| 40401 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | , |
| IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | 40401 | |
| SPROCKET. INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| CHAIN, CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| KEYWAY CRANK SPROCKET. FOR CAR AND TRUCK APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| APPLICATIONS. 40510 INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | , |
| (.335" ROLLER), CAST IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | APPLICATIONS. |
| MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | 40510 | INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN |
| ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | (.335" ROLLER), CAST IRON CAM SPROCKET, |
| SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | MULTIPLE KEYWAY CRANK SPROCKET EXC. STOCK |
| SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | ROLLER CAM ENGINES. INCLUDES SEAMLESS SINGLE |
| EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| AND TRUCK APPLICATIONS. 48510T-9 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. |
| 48510T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | EXCLUDES STOCK ROLLER CAM ENGINES. FOR CAR |
| TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | 48510T-9 | |
| BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | |
| SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| FIT ROLLER THRUST BEARINGS. | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| Continued on Next Page | | | FIT ROLLER THRUST BEARINGS. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|-------------|---|
| 28 | 454 ENG - 1970-76 - 8 Cyl 4.2 | | |
| 20 | 3pc Set | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | ope del | 4031010-5 | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | Oil Pump | 10070-800SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | · | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10070-900SS | (MELLING PATENT 5,810,571) HI VOLUME 25%. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN |
| | | | AND CRANK CLEARANCE. |
| | | 10077-800SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN |
| | | | INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME |
| | | | MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10077-900SS | (MELLING PATENT 5,810,571) STANDARD VOLUME. |
| | | | MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. |
| | | | HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE |
| | | | COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL |
| | | | |
| | | | RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10770 | HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: |
| | | 10//0 | STEEL GEARS; INCLUDES I/S SHAFT W/STEEL GUIDE. |
| | | | WILL USE STOCK 3/4" PRESS-IN SCREEN. |
| | | 10774 | FEATURES STEEL GEARS; STANDARD VOLUME |
| | | 10/14 | VERSION OF THE 10770 PUMP. |
| | | 10778 | (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% |
| | | | ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS |
| | | | EXTENDED INTO COVER FOR SUPPORT, RELIEF |
| | | | VALVE HAS SCREW IN PLUG. INCLUDES [12770] |
| | | | CHROME MOLY INTERMEDIATE SHAFT WITH STEEL |
| | | | GUIDE. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |
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| | | FENTUR | | | | | Continued) |
|-------------|--|-----------------|---|---|---|---|---|
| Line No. | Part Title | Part No. | | | Description | | |
| 28 | 454 ENG - 1970-76 - 8 Cyl 4.2 | · · | | | / | | |
| | Oil Pump Oil Pump Drive Shaft | 10778C 12770 | ADDL VOL EXTENDE VALVE HA CHROME GUIDE. HA SPECIAL S ONLY. CH | PATENT 5,8 OF OIL) FE D INTO COV S SCREW IN MOLY INTEF AS ANTI-CAN SCREW IN S ECK FOR PA IANCE TYPE | ATURES: ST YER FOR SU N PLUG. INC RMEDIATE S /ITATION GI CREEN. RA AN AND CRA | TEEL GEAR PPORT, RE CLUDES [12 SHAFT WITH ROOVES. RI CING APPLI ANK CLEAR | S; SHAFTS LIEF 770] I STEEL EQUIRES CATIONS ANCE. |
| | | | IMPROVE | H (150,000 F D SHAFT RE UMP DRIVE | TAINER WH | | |
| 29 | 454 ENG - 1970-97 - 8 Cyl 4.2 | 50 Bore (TRUC | K APPLICA | TIONS ON | LY) | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1970-1994 HYD. USE [VS-320] SPRING W/INSTALLED HGT. OF 1.90. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-6 | Int. Exh. 204 208 | Int. Exh. 288 298 | Int. Exh. .459 .459 | Int. Exh. 108 116 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1970-1994 OEM #3904362. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-7200. | 22396 | Int. Exh. 242 242 | Int. Exh. 310 297 | Int. Exh. .520 .520 | Int. Exh. 108 120 | 114 |
| | 1970-1994 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 4500-8000. | 22427 | 264 270 | 322 322 | .559 .580 | 108 116 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1970-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATBLE. POWER RANGE IDLE-4000. | 22100 | Int. Exh. 192 203 | Int. Exh. 271 281 | Int. Exh. .398 .430 | Int. Exh. 107 117 | 112 |
| | 1970-1994 CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 700-4500. | 22127 | 190 202 | 261 272 | .438 .465 | 106 114 | 110 |
| | 1970-1994 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 22204 | 214 224 | 292 302 | .503 .528 | 108 116 | 112 |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|------------------------|-----------------------|-------------------------|-----------------------|-----------------------|
| 29 | 454 ENG - 1970-97 - 8 Cyl 4.2 | | | | | | |
| | Camshafts Using Hydraulic Flat | | | | , | Desman | Destroop |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | 1970-1994 CLASS II. NOT | 22214 | 214 214 | 293 293 | .503 .503 | 109 119 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | |
| | 1970-1994 CLASS II. NOT | 22296 | 222 235 | 310 325 | .500 .505 | 110 120 | 115 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | 1970-1994 CLASS III. NOT | 22302 | 230 230 | 309 309 | .513 .513 | 106 114 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1970-1994 CLASS III. NOT | 22306 | 224 234 | 302 308 | .528 .552 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| ļ | POWER RANGE 2500-6000. | | 040.015 | 00 | | | |
| | 1970-1994 CLASS IV. NOT | 22471 | 240 246 | 305 311 | .559 .572 | 110 114 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3200-6700. | | | | | | |
| | Camshafts Using Hydraulic Roller Lifters | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Litters | | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. | Separation |
| | | 22297 | | 288 300 | .502 .510 | Int. Exh. | 112 |
| | 1996-1997 FOR ENGINES EQUIPPED WITH FACTORY | 22291 | 216 228 | 200 300 | .502 .510 | 108 116 | 112 |
| | ROLLER. CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1600-5000. | | | | | | |
| | CLASS IV. NOT CALIFORNIA | 22472 | 237 245 | 335 329 | .626 .639 | 109 115 | 112 |
| | COMPLIANT. NOT COMPUTER | | 207 210 | 000 020 | .020 .000 | 100 110 | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | 1970-1994 CLASS IV. NOT | 22480 | 241 246 | 305 310 | .559 .572 | 110 114 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3000-6500. | | | | | | |
| Ì | CLASS IV. NOT CALIFORNIA | 22485 | 236 246 | 316 324 | .561 .578 | 106 114 | 110 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2600-6300. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22141 | 216 228 | 288 300 | .501 .510 | 108 116 | 112 |
| | ROLLER LIFTERS [BB817RF16] | | | | | | |
| | AND [BB969RF16] CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200 | | | | | | |
| | Continued on Next Page | | | | | | |

| • | Part Title | Part No. | | | Description | | | | |
|---|---|-----------|--|---|--|--------------------------|-----------------------|--|--|
| | 454 ENG - 1970-97 - 8 Cyl 4.2 | | | | | | | | |
| | | | | | , | | | | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separatior | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | FOR USE WITH RETRO-FIT ROLLER LIFTERS [BB817RF16] AND [BB969RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700 | 22236 | 224 234 | 296 308 | .527 .544 | 106 114 | 110 | | |
| F | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | | NT | | |
| | | | PLATES W AND GALL CONTAINE | 'EAR SURF/ ING DURING ER. | ACES TO PF G ENGINE S | REVENT SCO TART UP. 4 | ORING | | |
| | Torque Cam Lifter Kit | CL-MTC-6 | COMPATIE INSTALLEI COMPLIAN | BLE. USE W D HGT. OF 1 IT. KIT INCL | D. NOT COI TH [VS-320] .90. NOT C/ UDES 1-[MT | SPRING W ALIFORNIA | | | |
| - | | | | 40Z MELL | | 10 | | | |
| - | Hydraulic Flat Tappet Lifters | 298174 | | | ORY SETTIN | | | | |
| | | 298184 | BE USED V | N/ ADJUSTA | ABLE VALVE | | | | |
| - | | 299694 | 1991-1997 USE FACTORY SETTING 1991-1997 ANTI-PUMP UP, SET AT ZERO LASH; MUS | | | | | | |
| | | 299704 | | | | | | | |
| F | | JB-7003 | BE USED W/ ADJUSTABLE VALVE TRAIN 1970-1994 STOCK REPLACEMENT TYPE; HYD. ROLLEF | | | | | | |
| - | Hydraulic Roller Lifters Hydraulic Retro-fit Roller Lifters | BB817RF16 | 1970-1987 | RETRO-FIT | | R USE W/ RETRO-FIT | | | |
| F | | BB969RF16 | 1988-1997 | RETRO-FIT | LIFTER FO [22141], [22 | R USE W/ R | ETRO-FIT | | |
| F | Valve Locks | 473004 | | |) 3/8" STEM | | | | |
| F | | 476104 | 1970-1994 | HARDENED |) 11/32" STE | M | | | |
| Ī | Valve Spring with Mechanical Lifters | VS-320 | 1970-1994 OF 1.88 | USE WITH | 22100] CAM | - NOTE: AS | M. HEIGHT | | |
| Ī | | VS-320 | - | - | HAFT; INST REQUIRED) | STALLED HGT. OF 1.90 | | | |
| ſ | | 466154 | 1970-1994 MAY BE R | | E WITH [224 | [22427] CAM- MACHINING | | | |
| | | 466164 | 1970-1994 MAY BE R | | E WITH [224 | 27] CAM- M | ACHINING | | |
| | Valve Spring with Hydraulic Lifters | 466224 | [22302], [2 | | 22214], [222 - NOTE: ASI REQUIRED. | | | | |
| | | 466224 | 1970-1994 REQUIRE | | [22396] CAM | - MACHININ | IG MAY BE | | |
| ſ | Valve Spring Retainers | 475064 | 1974-1994 | CHROME N | IOLY | | | | |
| | Rocker Arms | 498684 | | | F ROCKER A | | | | |
| | Chrome Moly Push Rods | 500154 | | HEAT TREAR | ATED FOR G 50 LBS. | | ES MAX. | | |
| Ī | | 500164 | | | TH - HEAT G PRESSUR | | OR GUIDE | | |
| ľ | | 500294 | 1970-1994 | | GTH, 7/16" D | | PRING | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|--|
| 29 | 454 ENG - 1970-97 - 8 Cyl 4.2 | | · · · · · |
| 23 | Chrome Moly Push Rods | 500304 | 1970-1994 9.252 LENGTH, 7/16". MAX. SPRING |
| | onrome mory r usir nous | 500504 | PRESSURE 350 LBS. |
| | Guide Plates | MGP1064 | 1970-1994 7/16" THICK- MUST BE USED WITH |
| | | | SCREW-IN ROCKER ARM STUDS. (RAISED) |
| | | MGP1074 | 1970-1994 3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS. (RAISED) |
| | Gear Drive Set | 48410 | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM.; NOISY SET NOISY SET |
| | | 48410Q | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAMBUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL |
| | | | PIN HOLE INSERTS. RECOMMENDED FOR STREET |
| | | | AND STRIP, CLAIMER AND RACING ENGINES UP TO |
| | | | 6,500 RPM.; QUIET SET QUIET SET |
| | 3pc Set | 40205 | 1970-1994 INCLUDES DOUBLE ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET. INCLUDES DOUBLE ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET, MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. FOR CAR AND TRUCK APPLICATIONS |
| · | | 40401 | 1970-1994 INCLUDES SEAMLESS SOLID ROLLER |
| | | | CHAIN, CAST IRON CAM SPROCKET, MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. INCLUDES SEAMLESS |
| | | | SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET, |
| | | | MULTIPLE KEYWAY CRANK SPROCKET. FOR CAR AND |
| | | | TRUCK APPLICATIONS. |
| | | 40510 | 1970-1994 INCLUDES SEAMLESS SINGLE SOLID |
| | | | ROLLER CHAIN (.335" ROLLER), CAST IRON CAM |
| | | | SPROCKET, MULTIPLE KEYWAY CRANK SPROCKET |
| | | | EXC. STOCK ROLLER CAM ENGINES. INCLUDES |
| | | | SEAMLESS SINGLE SOLID ROLLER CHAIN (.335" |
| | | | ROLLER), CAST IRON CAM SPROCKET & MULTIPLE |
| | | | KEYWAY CRANK SPROCKET. EXCLUDES STOCK |
| | | | ROLLER CAM ENGINES. FOR CAR AND TRUCK APPLICATIONS. |
| | | 48510T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | 405101-9 | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48510W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | Continued on Next Page | | |

| Line | | | MANCE - CHEVROLET CARS & TRUCKS (Continued) |
|------|-------------------------------|----------------|---|
| No. | Part Title | Part No. | Description |
| 29 | 454 ENG - 1970-97 - 8 Cyl 4.2 | 250 Bore (TRUC | K APPLICATIONS ONLY) |
| | Oil Pump | 10070-800SS | 1970-1994 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10070-900SS | 1970-1994 (MELLING PATENT 5,810,571) HI VOLUME 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10077-800SS | 1970-1994 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 8" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10077-900SS | 1970-1994 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 9" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. |
| | | 10770 | 1970-1994 HI VOL PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. WILL USE STOCK 3/4" PRESS-IN SCREEN. |
| | | 10774 | 1970-1994 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10770 PUMP. |
| | Ourfineed on Mark De | 10778 | 1970-1994 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. INCLUDES [12770] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. CHECK FOR PAN AND CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line | | | |
|------|-------------------------------|---------------|--|
| No. | Part Title | Part No. | Description |
| 29 | 454 ENG - 1970-97 - 8 Cyl 4.2 | 50 Bore (TRUC | K APPLICATIONS ONLY) |
| | Oil Pump | 10778C | 1970-1994 (MELLING PATENT 5,810,571) HI VOLUME |
| | | | PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL |
| | | | GEARS; SHAFTS EXTENDED INTO COVER FOR |
| | | | SUPPORT, RELIEF VALVE HAS SCREW IN PLUG. |
| | | | INCLUDES [12770] CHROME MOLY INTERMEDIATE |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION |
| | | | GROOVES. REQUIRES SPECIAL SCREW IN SCREEN. |
| | | | RACING APPLICATIONS ONLY. CHECK FOR PAN AND |
| | | | CRANK CLEARANCE. |
| | Oil Pump Drive Shaft | 12770 | 1970-1994 PERFORMANCE TYPE INTERMEDIATE |
| | | | SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY |
| | | | STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS |
| | | | ONTO THE OIL PUMP DRIVE SHAFT |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|----------------------------------|-----------------|---|---------------------|-------------|-----------------------|-------------|--|
| 1 | 2.0-Y (122) DOHC ENG 1995- | | Bore (AVE | | | NG) | | |
| • | Mell Lube | M-10012 | | | ND BREAK- | | NT | |
| | | 10012 | - | | ACES TO PF | | | |
| | | | _ | | G ENGINE S | | | |
| | | | CONTAINER. | | | | | |
| | Oil Pump | 10190 | HI VOLUM | E 20%. UPG | RADED MA | TERIALS FO | R | |
| | - | | IMPROVE | D PERFORM | IANCE AND | DURABILIT | Y . | |
| | | | INSTALLED RELIEF SPRING DESIGNED TO INC | | | | | |
| | | | | | RESSURE S | | | |
| | | | | | RING TO RE | | | |
| | | | | | K SETTINGS | . CHECK FO | OR PAN | |
| | | | | NK CLEARAN | - | | | |
| 2 | 2.0-C,F (122) SOHC ENG - 199 | | · · · · | | | | , | |
| | Mell Lube | M-10012 | | | ND BREAK- | | | |
| | | | | | ACES TO PF | | | |
| | | | AND GALLING DURING ENGINE START UP. 40Z | | | | | |
| | Oil Pump | 10190 | | | RADED MA | | | |
| | | 10190 | | | IANCE AND | | | |
| | | | | | | | TO INCREASE | |
| | | | | | | SETTING. SUPPLIED | | |
| | | | | | RING TO RE | | | |
| | | | PRESSUR | E TO STOCI | K SETTINGS | . CHECK FO | OR PAN | |
| | | | AND CRAN | NK CLEARAN | NCE. | | | |
| 3 | 4.5 (273) ENG - 1965-69 - V8 - 3 | 3.625 Bore (CHA | RGER, CO | RONET, D | ART, FURY | , ROADRU | NNER, | |
| | VALIANT) | | | | | | | |
| | Torque Camshaft | | Degrade | Degrade | Inches | Degrade | Degrees | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | HYD. IMPROVES LOW-MID | MTD-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 | |
| | PERF. CHECK FOR COIL BIND. | | | | | | | |
| | (EXC. ROLLER LIFTERS) CLASS | | | | | | | |
| | I. NOT CALIFORNIA COMPLIANT. | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | |
| | | | | | | | | |

Continued on Next Page

| - 1 | | | | | | | | | |
|-----|--|--|--|--|---|--|--|--|--|
| | Part Title 4.5 (273) ENG - 1965-69 - V8 - 3 | Part No. | | | Description | | | | |
| | · · · | 5.625 Bore (СПА | ARGER, CO | RONET, D | ARI, FURI | , RUADRU | JNNER, | | |
| ╞ | VALIANT) | | | | | | 1 | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 | | |
| | EXC. ROLLER LIFTERS. CLASS | 23203 | 214 224 | 288 298 | .444 .466 | 108 116 | 112 | | |
| | II. NOT CALIFORNIA | | | | | | | | |
| ì | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1700-5200. | | | | | | | | |
| Г | Mechanical Flat Tappet Lifters | 299374 | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 290114 | | | | | | | |
| | Valve Locks | 471004 | 1965-1969 | INTAKE | | | | | |
| | | 474004 | | EXHAUST | | | | | |
| | Valve Spring with Hydraulic | 466434 | | [MTD-1], [23 | 33011. [23203 | 3]. [23123] C | AMS | | |
| | Lifters | | | NG MAY BE | | | - | | |
| | Valve Spring Retainers | 475144 | | MOLY - USE | , | | ŝS | | |
| - | Chrome Moly Push Rods | 500224 | | USE WITH I | | - | | | |
| | - | | SPRING P | RESSURE 3 | 50 LBS. | | | | |
| | | 500594 | 1968-1969 | USE WITH I | HYDRAULIC | LIFTERS M | IAX. | | |
| | | | SPRING P | RESSURE 3 | 50 LBS. | | | | |
| | 3pc Set | 40202 | INCLUDES | ROLLER C | HAIN, CAST | IRON CAM | | | |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPRC | | | | | | |
| | | 40406 | INCLUDES | LER CHAIN | | | | | |
| | | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | | | |
| | | | | | | | | | |
| | Oil Pump | M-72HV HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FO | | | | | | | |
| - | | | PAN AND CRANK CLEARANCE. | | | | | | |
| | Oil Pump Drive Shaft | 12720 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. | | | | | | |
| | | | | H (150,000 F D SHAFT RE | | | | | |
| | | | _ | UMP DRIVE | | | | | |
| • | 5.2 (318) OHV ENG - 1975-02 - | V9 - 2 010 Boro | | - | - | | | | |
| | · · / | VO - 3.910 DOIE | (INCLODE | 5 VANS, 11 | 10083) | | 1 | | |
| • | Torquo Comeboft | | _ | _ | | _ | _ | | |
| _ | Torque Camshaft | | Degrees | Degrees | Inches Valve lift | Degrees | | | |
| _ | Torque Camshaft | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| - | | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1975-1988 HYD.IMPROVES | MTD-1 | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| - | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| - | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | MTD-1 | .050" dur Int. Exh. 204 214 | ADV. Dur Int. Exh. 278 288 | Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 | Separatio | | |
| - | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTD-1 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 | Lobe cntr. Int. Exh. | Separatio 112 Degrees | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat | MTD-1 | 050" dur Int. Exh. 204 214 | ADV. Dur Int. Exh. 278 288 Degrees | Valve lift Int. Exh. .421 .443 Inches | Lobe cntr. Int. Exh. 108 116 Degrees | Separatio 112 Degrees | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat | MTD-1 | .050" dur Int. Exh. 204 214 Degrees .050" dur | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur | Valve lift Int. Exh. .421 .443 Inches Valve lift | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. | Separatic 112 Degrees | | |
| _ | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters | | .050" dur Int. Exh. 204 214 Degrees .050" dur Int. Exh. | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 Inches Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. Int. Exh. | Separatic 112 Degrees Separatic | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters EXC. ROLLER LIFTERS. CLASS | | .050" dur Int. Exh. 204 214 Degrees .050" dur Int. Exh. | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 Inches Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. Int. Exh. | Separatic 112 Degrees Separatic | | |
| _ | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | .050" dur Int. Exh. 204 214 Degrees .050" dur Int. Exh. | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 Inches Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. Int. Exh. | Separatio 112 Degrees Separatio | | |
| | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 23203 | .050" dur Int. Exh. 204 214 Degrees .050" dur Int. Exh. | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 Inches Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. Int. Exh. | Separatio 112 Degrees Separatio | | |
| - | 1975-1988 HYD.IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. (EXC. ROLLER LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters EXC. ROLLER LIFTERS. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | .050" dur Int. Exh. 204 214 Degrees .050" dur Int. Exh. | ADV. Dur Int. Exh. 278 288 Degrees ADV. Dur Int. Exh. | Valve lift Int. Exh. .421 .443 Inches Valve lift Int. Exh. | Lobe cntr. Int. Exh. 108 116 Degrees Lobe cntr. Int. Exh. | Degrees Separatio | | |

PERFORMANCE - CHRYSLER PRODUCTS (Continued)

| | - | | | | | |
|---|---|---|--|--|--|--|
| Part Title | Part No | Description | | | | |
| 5.2 (318) OHV ENG - 1975-02 - V8 - 3.910 Bore (INCLUDES VANS, TRUCKS) | | | | | | |
| | | 1975-2002 INTAKE EXHAUST | | | | |
| | 474004 | | | | | |
| Valve Spring with Hydraulic | 466434 | USE WITH [MTD-1], [23301], [23203], [23123] CAMS | | | | |
| Lifters | | (MACHINING MAY BE REQUIRED) | | | | |
| Valve Spring Retainers | 475144 | CHROME MOLY - USE WITH [466434] SPRINGS | | | | |
| Chrome Moly Push Rods | 500594 | 1975-1989 EXC. ROLLER LIFTERS MAX. SPRING | | | | |
| | | PRESSURE 350 LBS. | | | | |
| 3pc Set | 40202 | INCLUDES ROLLER CHAIN, CAST IRON CAM | | | | |
| | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKE | | | | |
| | 40406 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST | | | | |
| | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | |
| | | SPROCKET | | | | |
| Oil Pump | M-72HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR | | | | |
| | | PAN AND CRANK CLEARANCE. | | | | |
| Oil Pump Drive Shaft | 12720 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH | | | | |
| | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. | | | | |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO | | | | |
| | | THE OIL PUMP DRIVE SHAFT | | | | |
| | Valve Locks Valve Spring with Hydraulic Lifters Valve Spring Retainers Chrome Moly Push Rods 3pc Set Oil Pump | 5.2 (318) OHV ENG - 1975-02 - V8 - 3.910 Bore Valve Locks 471004 Valve Spring with Hydraulic 466434 Lifters 475144 Valve Spring Retainers 475144 Chrome Moly Push Rods 500594 3pc Set 40406 Oil Pump M-72HV | | | | |

5 5.6 (340) ENG - 1968-73 - V8 - 4.04 Bore (CHALLENGER, CHARGER, CORONET, DART, DUSTER, **ROADRUNNER**)

| | | 1 | 1 | | 1 | | | |
|--------------------------------|--------|---|---------------------|----------------------|-----------------------|-----------------------|--|--|
| Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| HYD. IMPROVES LOW-MID | MTD-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 | | |
| PERF. CHECK FOR COIL BIND. | | | | | | | | |
| (EXC. ROLLER LIFTERS) CLASS | | | | | | | | |
| I. NOT CALIFORNIA COMPLIANT. | | | | | | | | |
| NOT COMPUTER COMPATIBLE. | | | | | | | | |
| POWER RANGE 1200-4700. | | | | | | | | |
| Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| EXC. ROLLER LIFTERS. CLASS | 23203 | 214 224 | 288 298 | .444 .466 | 108 116 | 112 | | |
| II. NOT CALIFORNIA | | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | | |
| 1700-5200. | | | | | | | | |
| Mechanical Flat Tappet Lifters | 299374 | | | | | | | |
| Hydraulic Flat Tappet Lifters | 290114 | | | | | | | |
| Valve Locks | 471004 | INTAKE | | | | | | |
| | 474004 | EXHAUST | | | | | | |
| Valve Spring with Hydraulic | 466434 | USE WITH [MTD-1], [23301], [23203], [23123] CAMS | | | | | | |
| Lifters | | (MACHINING MAY BE REQUIRED) | | | | | | |
| Valve Spring Retainers | 475144 | CHROME MOLY - USE WITH [466434] SPRINGS | | | | | | |
| Chrome Moly Push Rods | 500594 | USE WITH HYD. LIFTERS MAX. SPRING PRESSURE 350 | | | | | | |
| | | LBS. | | | | | | |
| 3pc Set | 40202 | INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST | | | | | | |
| | | | | | | | | |
| | 40406 | | | | | | | |
| | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | | | |
| | | SPROCKET | | | | | | |
| Continued on Next Page | | | | | | | | |

| Line | | •• | | | | | Continued | | |
|------|--|-------------------|---|--------------|---------------|------------|------------|--|--|
| No. | Part Title | Part No. | | | | | | | |
| 5 | 5.6 (340) ENG - 1968-73 - V8 - 4 | 1.04 Bore (CHAL | LENGER, | CHARGER | , CORONE | T, DART, C | OUSTER, | | |
| | ROADRUNNER) | | | | | | | | |
| | Oil Pump | M-72HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR | | | | | | |
| | - | | PAN AND CRANK CLEARANCE. | | | | | | |
| | Oil Pump Drive Shaft | 12720 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. | | | | | | |
| | | | | | | | | | |
| | | | | TAINER WH | IICH LOCKS | S ONTO | | | |
| | | | THE OIL PUMP DRIVE SHAFT | | | | | | |
| 6 | 5.7-2,D,H (345) OHV ENG - 200 | • | 92 Bore (30 | DOC, ASPE | N, MAGNU | M R/T, CH | ARGER | | |
| | R/T, RAM 1500-3500, DURANG | O) HEMI | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z | | | | | | |
| | | | | | | | | | |
| | Oil Pump | 10342 | CONTAINER. STANDARD VOLUME. PROTECTIVE ANODIZED BOD | | | | | | |
| | | 10342 | | | ITH PHOSP | | | | |
| | | | | | | | | | |
| | | | SCREW IN VALVE. CUP PLUG REPLACED WITH THREADED FITTING. USES 1-1/8" BOLT ON SCREE | | | | | | |
| | | | INCLUDES OPTIONAL PRESSURE SPRINGS. | | | | | | |
| 7 | 5.9 (360) OHV ENG - 1971-02 - | V8 - 4.00 Bore (| INCLUDES | VANS, TR | UCKS) | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | 1971-1988 HYD. IMPROVES | MTD-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 | | |
| | LOW-MID PERF. CHECK FOR | | | | | | | | |
| | COIL BIND. (EXC. ROLLER | | | | | | | | |
| | LIFTERS) CLASS I. NOT CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | EXC. ROLLER LIFTERS. CLASS | 23203 | 214 224 | 288 298 | .444 .466 | 108 116 | 112 | | |
| | II. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1700-5200. Mechanical Flat Tappet Lifters | 299374 | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299374 | | | | | | | |
| | Valve Locks | 471004 | INTAKE | | | | | | |
| | | 474004 | EXHAUST | | | | | | |
| | Valve Spring with Hydraulic | 466434 | | [MTD-1], [23 | 3301], [23203 | B] CAMS (M | ACHINING | | |
| | Lifters | | MAY BE R | EQUIRED) | | | | | |
| | Valve Spring Retainers | 475144 | | 6434 SPRIN | | | | | |
| | Chrome Moly Push Rods | 500594 | 1971-1988 USE WITH HYD. LIFTERS MAX. SPRING | | | | | | |
| | 00.1 | PRESSURE 350 LBS. | | | | | | | |
| | 3pc Set | 40202 | | | | | | | |
| | | 40406 | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | | |
| | | 40400 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | | | |
| | | | SPROCKET | | | | | | |
| | | | SPROCKE | | | | | | |

| Part Title | Part No. | Description | | | | | |
|---|------------------|---|--------------|------------|---|--------------------|--|
| 5.9 (360) OHV ENG - 1971-02 - | V8 - 4.00 Bore (| | | | | | |
| Oil Pump | | | | | | | |
| • | | | • | | , | | |
| Oil Pump Drive Shaft | 12720 | PERFORM | IANCE TYPE | | IATE SHAF | T. HIGH | |
| | | STRENGT | H (150.000 F | SI) CHROM | E MOLY ST | EEL. | |
| | | | • | , | | | |
| | | | | | | | |
| 5.9 (361) ENG - 1961-64 - V8 - 4 | 4 125 Bore | | | | | | |
| Torque Camshaft | | - | - | | | - | |
| | | Degrees | | | | Degree Separati | |
| | | | | | | Oeparati | |
| SINGLE BOLT CAM. USE | MTD-2 | | | | | 112 | |
| [466434]. CLASS I. NOT | | 204 214 | 270 200 | .421 .445 | 107 117 | 112 | |
| CALIFORNIA COMPLIANT. NOT | | | | | | | |
| COMPUTER COMPATIBLE. | | | | | | | |
| POWER RANGE 1200-4700. | | 4.00 Bore (INCLUDES VANS, TRUCKS) 2HV HI VOL PUMP (25% ADDL VOL OF OIL). CHECK PAN AND CRANK CLEARANCE. 20 PERFORMANCE TYPE INTERMEDIATE SHAFT. STRENGTH (150,000 PSI) CHROME MOLY STEI IMPROVED SHAFT RETAINER WHICH LOCKS OF THE OIL PUMP DRIVE SHAFT Bore Degrees Degrees Int. Exh. Int. Exh. Int. Exh. Int. Exh. 10.2 204 214 204 214 278 288 421 .443 107 117 204 214 278 288 .421 .443 107 117 204 214 278 288 .050° dur ADV. Dur Valve lift Lobe cntr. .050° dur ADV. Dur Valve lift Lobe cntr. .050° dur ADV. Dur Valve lift Lobe cntr. .04 214 224 288 298 .443 .452 107 117 .02 236 236 302 302 .480 .480 108 108 .04 1961-1964 INTAKE .004 1961-1964 INTAKE .004 1961-1964 INTAKE< | | | | | |
| Camshafts Using Hydraulic Flat | | | _ | | _ | _ | |
| Tappet Lifters | | | Degrees | | DF OIL). CHEC EDIATE SHAF DME MOLY ST WHICH LOCKS Degrees t Lobe cntr. Int. Exh. Int. Exh. Degrees t Lobe cntr. Int. Exh. Int. | Degree | |
| | | | | | | Separati | |
| | 00004 | _ | | | - | 110 | |
| SINGLE BOLT CAM. CLASS II. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 | |
| NOT CALIFORNIA COMPLIANT. | | | | | | | |
| NOT COMPUTER COMPATIBLE. | | | | | | | |
| POWER RANGE 1700-5200. | | 000 000 | | 400 400 | 100,100 | 100 | |
| SINGLE BOLT CAM. CLASS III. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 | |
| NOT CALIFORNIA COMPLIANT. | | | | | | | |
| NOT COMPUTER COMPATIBLE. | | | | | | | |
| POWER RANGE 2500-6000. CLASS III. NOT CALIFORNIA | 00001 | 040.040 | 000,000 | 470 470 | 100, 100 | 100 | |
| | 23321 | 242 242 | 329 329 | .476 .476 | 106 106 | 106 | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE 3000-6400. | | | | | | | |
| Mechanical Flat Tappet Lifters | 299374 | | | | | | |
| Valve Locks | 471004 | 1961-1964 | INTAKE | | | | |
| | 474004 | | | | | | |
| Valve Spring with Mechanical | 466154 | | | SE WITH ST | | - | |
| Lifters | | | | | | | |
| | 466164 | | | | OCK CAMS - | | |
| | | | | | | | |
| Valve Spring with Hydraulic | 466224 | | | | S - NOTE: AS | SM. | |
| Lifters | | | | - | | | |
| | 466434 | | | | | | |
| | | 1.80-MACI | HINING MAY | BE REQUIE | RED | | |
| Valve Spring Retainers | 475094 | | | | | 24] | |
| | | | | - | | - | |
| | 475144 | | | | | | |
| 3pc Set | 40203 | | | | | | |
| | | CAM SPR | OCKET & MI | JLTIPLE KE | YWAY CRAN | ١K | |
| | | | | | | | |
| | 40407 | | | S SOLID RO | LLER CHAIN | I, CAST | |
| | | | | | | | |
| | | | | | | | |
| Oil Pump | M-63HP | | | SSURE OIL | PUMP | | |
| | M-63HV | | | | | K FOR | |
| | | | • | | ,,. en eo | | |
| | 1 | | | | | | |

| Line | | Port Title Port No. Description | | | | | | | |
|------|--|---------------------------------|--|--|--|-------------------------------------|------------------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 8 | 5.9 (361) ENG - 1961-64 - V8 - 4 | | | | | | T 111011 | | |
| | Oil Pump Drive Shaft | 12630 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | |
| 9 | 6.1-W,3 (370) OHV ENG - 2005 | -07 - 8 Cyl 4.06 | 6 Bore (MA | GNUM SR | F8, CHARG | ER SRT8, | 300 | | |
| | CSRT8) HEMI | - | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | | |
| 10 | Oil Pump 6.3 (383) ENG - 1959-71 - V8 - 4 | 10342 | CAST IRO SCREW IN THREADE | N COVER W I VALVE. CU D FITTING. | PROTECTIV /ITH PHOSP IP PLUG RE USES 1-1/8" PRESSURE | HATE COAT PLACED WI BOLT ON S | ring. Th Screen. | | |
| 10 | | +.250 Dore | | | | | 1 | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-430] SPRING W/ INSTALLED HGT. OF 1.86. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTD-2 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees | Degrees ADV. Dur | Inches | Degrees Lobe cntr. | Degrees | | |
| | | | .050" dur Int. Exh. | Int. Exh. | Valve lift Int. Exh. | Int. Exh. | Separation | | |
| | SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 | | |
| | SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 | | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400. | 23321 | 242 242 | 329 329 | .476 .476 | 106 106 | 106 | | |
| | Torque Cam Lifter Kit | CL-MTD-2 | IMPROVES LOW-MID PERF. USE [VS-430]. SINGLE BOLT CAM. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTD-2] CAM, 16-[JB-976] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-430] SPRING W/INSTALLED HGT. OF 1.86 | | | | | | |
| | Mechanical Flat Tappet Lifters | 299374 | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299764 | 1968-1971 | | | | | | |
| | Valve Locks | 471004 | 1959-1971 | | | | | | |
| | | 474004 | 1959-1971 | EXHAUST | | | | | |
| | Continued on Next Page | | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | | | | |
|-------------|---|----------------|---|-------------|-------------|----------------|------------|--|--|--|
| 10 | 6.3 (383) ENG - 1959-71 - V8 - 4 | | | | Description | | | | | |
| | Valve Spring with Mechanical | 466154 | 1959-1971 OUTER - USE WITH STOCK CAMS - | | | | | | | |
| | Lifters | 400154 | | IG MAY BE F | | | - | | | |
| | Litters | 466164 | | | E WITH STO | CK CAMS - | | | | |
| | | +00104 | | IG MAY BE F | | | | | | |
| | Valve Spring with Hydraulic | 466224 | USE WITH [23302] & [23204] CAMS - NOTE: ASM HEIGHT | | | | | | | |
| | Lifters | | | | MAY BE REC | | | | | |
| | | 466434 | | | M - NOTE: A | | T OF 1.80- | | | |
| | | | MACHININ | IG MAY BE F | REQUIRED | | | | | |
| | Valve Spring Retainers | 475094 | CHROME | MOLY - USE | WITH [4661 | 54] & [4662 | 24] | | | |
| | | | SPRINGS | | | | | | | |
| | | 475144 | | | WITH [4664 | - | | | | |
| | Valve Springs | VS-430 | - | - | SHAFT (MAC | CHINING MAY BE | | | | |
| | | | REQUIRE | , | | | | | | |
| | Chrome Moly Push Rods | 500384 | | | K ENGINE - | | | | | |
| | | | | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | | |
| | | | LBS. | | | IDON COM | | | | |
| | 3pc Set | 40203 | | | HAIN, CAST | | | | | |
| | | | | | JLTIPLE KE | YVAY CHAI | NK. | | | |
| | | 40407 | | | S SOLID ROI | | | | | |
| | | 40407 | | | | | • | | | |
| | | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET HI PRESSURE HI PRESSURE OIL PUMP | | | | | | | |
| | Oil Pump | M-63HP | | | | | | | | |
| | | M-63HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | | |
| | | | | | | | | | | |
| | Oil Pump Drive Shaft | 12630 | | IANCE TYPE | T. HIGH | | | | | |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO | | | | | | | |
| | | | | | | | | | | |
| | | | THE OIL PUMP DRIVE SHAFT | | | | | | | |
| 1 | 6.6 (400) OHV ENG - 1975-78 - | V8 - 4.34 Bore | | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | | | .050" dur | ADV. Dur | | Lobe cntr. | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | HYD. SINGLE BOLT CAM. USE | MTD-2 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 | | | |
| | [466434]. CLASS I. NOT | | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | | 22204 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 | | | |
| | SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | | | | |
| | SINGLE BOLT CAM. CLASS III. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 | | | |
| | NOT CALIFORNIA COMPLIANT. | | 200 200 | 002 002 | | 100 100 | 100 | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | | | | |
| | Mechanical Flat Tappet Lifters | 299374 | | I | | 1 | 1 | | | |
| | Hydraulic Flat Tappet Lifters | 299764 | | | | | | | | |
| | Valve Locks | 471004 | INTAKE | | | | | | | |
| t t | | | | | | | | | | |
| | | 474004 | EXHAUST | | | | | | | |

| Line | |
|------|-------------------|
| No. | Part Title |
| 11 | 6.6 (400) OHV ENG |
| | |

| Part Title | Part No. | Description |
|--------------------------------|----------------|--|
| 6.6 (400) OHV ENG - 1975-78 - | V8 - 4.34 Bore | |
| Valve Spring with Mechanical | 466154 | OUTER - USE WITH STOCK CAMS - MACHINING MAY |
| Lifters | | BE REQUIRED |
| | 466164 | 1975-1978 INNER - USE WITH STOCK CAMS - |
| | | MACHINING MAY BE REQUIRED |
| Valve Spring with Hydraulic | 466224 | USE WITH [23302] & [23204] CAMS - NOTE: ASM. |
| Lifters | | HEIGHT OF 1.80- MACHINING MAY BE REQUIRED |
| | 466434 | USE WITH [MTD-2] CAM - NOTE: ASM. HEIGHT OF 1.80 |
| | | (MACHINING MAY BE REQUIRED) |
| Valve Spring Retainers | 475094 | CHROME - USE WITH [466154] & [466224] SPRINGS |
| | 475144 | CHROME - USE WITH [466434] SPRINGS |
| 3pc Set | 40203 | INCLUDES ROLLER CHAIN, CAST IRON SINGLE BOLT |
| | | CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | SPROCKET |
| | 40407 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | SPROCKET |
| Oil Pump | M-63HP | HI PRESSURE HI PRESSURE OIL PUMP |
| | M-63HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR |
| | | PAN AND CRANK CLEARANCE. |
| Oil Pump Drive Shaft | 12630 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | THE OIL PUMP DRIVE SHAFT |
| 6.8 (413) ENG - 1959-65 - 8 Cy | I 4.1876 Bore | |

| | | | 1 | | | |
|--|--------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| HYD. SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT | MTD-2 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 |
| COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | | | | | | |
| Camshafts Using Hydraulic Flat | | | | | | |
| Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 |
| NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | | | | | | |
| SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 |
| CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400. | 23321 | 242 242 | 329 329 | .476 .476 | 106 106 | 106 |
| Mechanical Flat Tappet Lifters | 299374 | | | | | |
| Valve Locks | 471004 | 1959-1965 | INTAKE | | | |
| | 474004 | 1959-1965 | EXHAUST | | | |
| Valve Spring with Mechanical | 466154 | 1959-1965 | OUTER - U | SE WITH ST | OCK CAMS | - |
| Lifters | | MACHININ | IG MAY BE F | REQUIRED | | |
| Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | | | | |
|-------------|--|-------------------------------------|---|----------------------|---------------------------|--|-----------------------|--|--|--|
| NO. 12 | 6.8 (413) ENG - 1959-65 - 8 Cyl | | Description | | | | | | | |
| | | | 1959-1965 INNER - USE WITH STOCK CAMS - | | | | | | | |
| | Valve Spring with Mechanical Lifters | 466164 | MACHININ | IG MAY BE I | REQUIRED | | | | | |
| | Valve Spring with Hydraulic Lifters | 466224 | | | 23204] CAMS HINING MA` | | | | | |
| | | 466434 | | | M - NOTE: A REQUIRED) | | T OF 1.80 | | | |
| - | Valve Spring Retainers | 475094 | CHROME | | WITH [4661 | | 24] | | | |
| | | 475144 | SPRINGS CHROME | MOLY - USE | WITH [4664 | 341 SPRING | iS | | | |
| ŀ | 3pc Set | 40203 | | | HAIN, CAST | | | | | |
| | | CAM SPROCKET & MULTIPLE SPROCKET | | | | | | | | |
| | | 40407 | INCLUDES | SEAMLES | S SOLID ROI | OLID ROLLER CHAIN, CAST MULTIPLE KEYWAY CRANK | | | | |
| | | | IRON CAM | | T & MULTIPL | | | | | |
| | Oil Pump | M-63HP | HI PRESS | URE HI PRE | SSURE OIL | PUMP | | | | |
| | • | M-63HV | HI VOL PU | JMP (25% AI | DDL VOL OF | OIL). CHEC | K FOR | | | |
| | | | PAN AND | CRANK CLE | ARANCE. | , | | | | |
| | Oil Pump Drive Shaft | 12630 | PERFORM | IANCE TYPE | | IATE SHAF | T. HIGH | | | |
| | | | STRENGT | H (150,000 F | PSI) CHROM | OME MOLY STEEL. | | | | |
| | | | IMPROVE | D SHAFT RE | TAINER WH | IICH LOCKS | ONTO | | | |
| | | | THE OIL P | UMP DRIVE | SHAFT | | | | | |
| 13 | 7.0 (426) WEDGE ENG - 1963-6 | 5 - 8 Cyl 4.25 | Bore | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | HYD. SINGLE BOLT CAM. USE [466434]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTD-2 | Int. Exh. 204 214 | Int. Exh. 278 288 | Int. Exh. .421 .443 | Int. Exh. 107 117 | 112 | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparation | | | |
| | SINGLE BOLT CAM. CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 | | | |
| | SINGLE BOLT CAM. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 | | | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3000-6400. | 23321 | 242 242 | 329 329 | .476 .476 | 106 106 | 106 | | | |
| | Mechanical Flat Tappet Lifters | 299374 | | | | | • | | | |
| | Valve Locks | 471004 | 1963-1965 | INTAKE | | | | | | |
| Ì | | 474004 | 1963-1965 | EXHAUST | | | | | | |
| ļ | Valve Spring with Mechanical | 466154 | 1963-1965 | OUTER- US | SE WITH STO | OCK CAMS- | | | | |
| | Lifters | | | IG MAY BE I | | | | | | |
| - | | 466164 | 1963-1965 | INNER- US | E WITH STO | CK CAMS- | | | | |
| | | | MACHINING MAY BE REQUIRED | | | | | | | |

| Line | D. I.T.II. | | | | | • | , | | |
|-----------|---|------------------|---|-------------------------|----------------------|-----------------------|-----------------------|--|--|
| No. 13 | Part Title 7.0 (426) WEDGE ENG - 1963- | Part No. | Bore | | Description | | | | |
| 15 | Valve Spring with Hydraulic | 466224 | | 1 0 100001 | 22041 CAN | | M. HEIGHT | | |
| | Lifters | 400224 | | | - | | | | |
| | | 466434 | OF 1.80- MACHINING MAY BE REQUIRED USE WITH [MTD-2] CAM- NOTE: ASM. HEIGHT OF 1.80 | | | | | | |
| | | | | NG MAY BE | | | | | |
| | Valve Spring Retainers | 475094 | | MOLY - USE | , | | 24] | | |
| | 3 1 1 | | SPRINGS | | • | | - | | |
| | | 475144 | CHROME | MOLY - USE | WITH [4664 | 34] SPRING | iS | | |
| | Chrome Moly Push Rods | 500474 | 1964-1964 | USE W/ME | CH. LIFTERS | 6 MAX. SPR | ING | | |
| | | | | E 350 LBS. | | | | | |
| | 3pc Set | 40203 | | S ROLLER C | | | | | |
| | | | | OCKET & MU | JLTIPLE KE | YWAY CRAN | ١K | | |
| | | 40047 | SPROCKE | | | | | | |
| | | 40217 | INCLUDES DOULBLE ROLLER CHAIN, STEEL 3 BOI CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | | |
| | | | | | | | | | |
| | | 40407 | | | S SOLID BO | LEB CHAIN | | | |
| | | | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | | | |
| | | | SPROCKE | | | | - | | |
| | Oil Pump | M-63HP | HI PRESS | URE HI PRE | SSURE OIL | PUMP | | | |
| | | M-63HV | HI VOL PU | IMP (25% AD | DDL VOL OF | OIL). CHEC | K FOR | | |
| | | | PAN AND CRANK CLEARANCE. | | | | | | |
| | Oil Pump Drive Shaft | 12630 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIC | | | | | | |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 14 | 7.0 (426) HEMI ENG - 1966-71 - 8 Cyl 4.250 Bore | | | | | | | | |
| | Valve Spring Retainers Chrome Moly Push Rods | 475224 500364 | 1970-1971 INTAKE MAX. SPRING PRESSURE 350 LBS. | | | | | | |
| | Chrome Moly Push Roas | 500364 500374 | | EXHAUST | | | | | |
| | 3pc Set | 40217 | | DOULBLE | | | | | |
| | 000000 | | | DCKET & MU | | | | | |
| | | | SPROCKE | | | | | | |
| | Oil Pump | M-63HP | HI PRESS | URE HI PRE | SSURE OIL | PUMP | | | |
| | | M-63HV | HI VOL PU | IMP (25% AD | DDL VOL OF | OIL). CHEC | K FOR | | |
| | | | | CRANK CLE | | | | | |
| | Oil Pump Drive Shaft | 12630 | - | IANCE TYPE | | - | - | | |
| | | | | H (150,000 F | , | | | | |
| | | | | D SHAFT RE UMP DRIVE | | IICH LOCKS | ONTO | | |
| 15 | 7.2 (440) OHV ENC 1066 78 | V9 4 220 Boro | | | SHAFT | | | | |
| 15 | 7.2 (440) OHV ENG - 1966-78 - Torque Camshaft | Vo - 4.320 Dore | | | | | | | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | HYD. IMPROVES LOW-MID | MTD-2 | 204 214 | 278 288 | .421 .443 | 107 117 | 112 | | |
| | | = = | | | | | | | |
| | PERF. CHECK FOR COIL BIND. | | | | | | | | |
| | | | | | | | | | |
| | PERF. CHECK FOR COIL BIND. | | | | | | | | |
| | PERF. CHECK FOR COIL BIND. USE [466434] SPRING W/ | | | | | | | | |
| | PERF. CHECK FOR COIL BIND. USE [466434] SPRING W/ INSTALLED HGT. OF 1.80. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. | | | | | | | | |
| | PERF. CHECK FOR COIL BIND. USE [466434] SPRING W/ INSTALLED HGT. OF 1.80. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | | | | | | | | |
| | PERF. CHECK FOR COIL BIND. USE [466434] SPRING W/ INSTALLED HGT. OF 1.80. SINGLE BOLT CAM. CLASS I. NOT CALIFORNIA COMPLIANT. | | | | | | | | |

| | Part Title | Part No. | | | Description | | | | | | |
|---|--------------------------------|--------------------------------------|---------------------------------------|---------------------|-------------|-----------------------|------------|--|--|--|--|
| | 7.2 (440) OHV ENG - 1966-78 - | | | | | | | | | | |
| - | Camshafts Using Hydraulic Flat | V0 - 4.020 DOIC | | | | | | | | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches | Degrees Lobe cntr. | Degrees | | | | |
| | Tapper Liners | | | | Valve lift | | Separation | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 | | | | |
| | SINGLE BOLT CAM. CLASS II. | 23204 | 214 224 | 288 298 | .443 .452 | 107 117 | 112 | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | | | |
| L | POWER RANGE 1700-5200. | | | | 100 100 | 400.400 | 400 | | | | |
| | SINGLE BOLT CAM. CLASS III. | 23302 | 236 236 | 302 302 | .480 .480 | 108 108 | 108 | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | | | | | |
| L | POWER RANGE 2500-6000. | | | | (70, 170 | 400.400 | 100 | | | | |
| | CLASS III. NOT CALIFORNIA | 23321 | 242 242 | 329 329 | .476 .476 | 106 106 | 106 | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | | |
| L | 3000-6400. | | | | | | | | | | |
| L | Mechanical Flat Tappet Lifters | 299374 | | | | | | | | | |
| L | Hydraulic Flat Tappet Lifters | 299764 | 1968-1978 | | | | | | | | |
| L | Valve Locks | 471004 | 1966-1978 | | | | | | | | |
| L | | 474004 | 1966-1978 | | | | | | | | |
| | Valve Spring with Mechanical | 466154 | | OUTER- US | | DCK CAMS- | MS- | | | | |
| | Lifters | | | IG MAY BE I | | | | | | | |
| | | 466164 | 1966-1978 INNER- USE WITH STOCK CAMS- | | | | | | | | |
| | | | | IG MAY BE I | | | | | | | |
| | Valve Spring with Hydraulic | 466224 | | [23302] & [2 | - | | M. HEIGHT | | | | |
| | Lifters | | | IACHINING | | | | | | | |
| | | 466434 | | I [MTD-2] CA | | | Г OF 1.80 | | | | |
| | | | | NG MAY BE | , | | | | | | |
| | Valve Spring Retainers | 475094 | | MOLY- USE | - | | | | | | |
| | | 475144 | | MOLY - USE | | - | | | | | |
| 1 | Chrome Moly Push Rods | 500334 | | 440 ENG. U | | | | | | | |
| | | | | EDGE ENG | | | | | | | |
| | | 500354 | | 440 ENG. U | | | | | | | |
| | | | | EDGE ENG | | | | | | | |
| | | 500474 | | USE WITH | | | | | | | |
| | | | - | EDGE ENG | INE MAX. SF | PRING PRES | SURE 350 | | | | |
| | | | LBS. | | 0 | | | | | | |
| | | 500544 | | 440 ENG. U | | | | | | | |
| | | | | EDGE ENG | MAX. SPRIN | NG PRESSU | RE 350 | | | | |
| | | | LBS. | <u> </u> | | | | | | | |
| | 3pc Set | 40203 | | OLT CAM IN | | | | | | | |
| | | | | GLE BOLT C | | KET & MULI | IPLE | | | | |
| | | | | CRANK SPR | | | | | | | |
| | | 40217 | | ONLY- 3 BO | | | | | | | |
| | | | | HAIN, STEE | | | KET & | | | | |
| | | | | KEYWAY C | | | | | | | |
| | | 40407 | | OLT CAM IN | | | | | | | |
| l | | ROLLER CHAIN, CAST IRON CAM SPROCKET | | | | | | | | | |
| L | | | | | | (SPROCKET | | | | | |
| L | Oil Pump | M-63HP | | URE HI PRE | | | | | | | |
| | | M-63HV | | IMP (25% AI | | OIL). CHEC | K FOR | | | | |
| 1 | | 1 | PAN AND | CRANK CLE | ARANCE. | | | | | | |

| Line | | | |
|------|-------------------------------|-----------------|---|
| No. | Part Title | Part No. | Description |
| 15 | 7.2 (440) OHV ENG - 1966-78 - | V8 - 4.320 Bore | |
| | Oil Pump Drive Shaft | 12630 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |

PERFORMANCE - FORD PRODUCTS & TRUCKS

| Line | D. 1 711 | | | | D | | | |
|------|---|----------------|---|---|---|--|--------------------------|--|
| No. | Part Title 255 ENG - 1980-82 - 8 Cyl 3.6 | Part No. | | | Description | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | | W-10012 | | | | | | |
| | 3pc Set | 48551T-9 | RECOMME TRACK, H SEAMLES BILLET ST SPROCKE | ENDED FOR OT ROD, CL S DOUBLE F EEL CAM SI | STREET AN AIMER ENG ROLLER CH/ PROCKET & '-4° CAM AD BEARINGS. | INES INCLU AIN (.250" R 9 KEYWAY | IDES OLLER), CRANK | |
| 2 | 260 ENG - 1962-65 - 8 Cyl 3.8 | 00 Bore (INCLU | | | | | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | HYD. EXCLUDES ROLLER LIFTERS. USE [VS-270] [466124] [466134] [466444] VALVE SPRINGS. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTF-1 | 204 214 | 280 289 | .449 .473 | 108 116 | 112 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees | Inches | Degrees | Degrees | |
| | rappet Litters | | | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separation | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24203 | Int. Exh. 214 224 | 288 300 | .473 .497 | 108 116 | 112 | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. | 24210 | 224 234 | 300 306 | .497 .520 | 107 117 | 112 | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24212 | 218 218 | 297 297 | .458 .457 | 106 120 | 113 | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 24301 | 231 231 | 288 288 | .512 .512 | 106 114 | 110 | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 | |
| | Continued on Next Page | | | | | | | |

| Part Title | Part No. | | | Description | | | | | | |
|---|-----------|---|---------------------------------|------------------------------|--|-------------|--|--|--|--|
| 260 ENG - 1962-65 - 8 Cyl 3.8 | | | | | | | | | | |
| Camshafts Using Hydraulic | | | | | - | 5 | | | | |
| Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees | Degrees | | | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | | Deparation | | | | |
| FOR USE WITH RETRO-FIT | 24110 | 210 211 | 298 282 | .444 .444 | | 115 | | | | |
| ROLLER LIFTER [F1900RF16] | 24110 | 210 211 | 200 202 | | 110 110 | 110 | | | | |
| CLASS I. NOT CALIFORNIA | | | | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | nes Degrees Degrees e lift Lobe cntr. Sepa Exh. Int. Exh. . .444 116 115 1 .444 116 115 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 110 1 .498 110 10 1 .100 IFORNIA COMPLIANT. 6-[JB-900] LIFTERS & 4 .011 BIND. USE [VS-270] .05 .17.8 Y SETTING JP; SET AT | | | | | |
| 1200-4600 | | | | | | | | | | |
| FOR USE WITH RETRO-FIT | 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 | | | | |
| ROLLER LIFTER [F1900RF16] | | | | | | | | | | |
| CLASS II. NOT CALIFORNIA | | | | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | | | | |
| 1700-5300 | | | | | | | | | | |
| Mell Lube | M-10012 | | | | Int. Exh. 116 115 116 115 111 115 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 110 N LUBRICANT. EVENT SCORING ART UP. 40Z FIBLE. EXCLUDES IA COMPLIANT. KIT 100] LIFTERS & 40Z D. USE [VS-270] 78 TING TAT ZERO LASH; /ALVE TRAIN ETRO-FIT ROLLER D9] CAM. MACHINING LLED HGT OF 1.78. VE SPRING. VE SPRING. 10], [24212], [24301], [24301], [. HEIGHT OF 1.80. | | | | | |
| | | | | | | | | | | |
| | | | | G ENGINE S | TART UP. 4 | θZ | | | | |
| Torque Cam Lifter Kit | CL-MTF-1 | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | INCLUDES 1-[MTF-1] CAM, 16-[JB-900] LIFTERS & MELL LUBE. CHECK FOR COIL BIND. USE [VS-27 | | | | | | | | |
| | | SPRING W | - | 0 270] | | | | | | |
| Hydraulic Flat Tappet Lifters | 299004 | | EXC. ROLLER USE FACTORY SETTING | | | | | | | |
| | 299014 | EXC. ROL | ET AT ZERC | O LASH; | | | | | | |
| | | MUST BE | USED W/ AE | ED W/ ADJUSTABLE VALVE TRAIN | | | | | | |
| Hydraulic Roller Lifters | JB-2205 | | EPLACEMEN | | /LE | | | | | |
| Hydraulic Retro-fit Roller Lifters | F1900RF16 | | | | RETRO-FIT | ROLLER | | | | |
| <u> </u> | (=000) | CAMSHAF | TS [24110], | [24214] | | | | | | |
| Valve Locks | 472004 | 1060 1064 | | | | | | | | |
| Valve Spring with Mechanical Lifters | 466274 | | EQUIRED 1 | - | 109] CAM. IV | IACHINING | | | | |
| Valve Spring with Hydraulic | VS-270 | | | | | | | | | |
| Lifters | V3-270 | - | - | | | | | | | |
| Liners | | | IG MAY BE I | | | | | | | |
| | 466124 | | | | 210]. [24212 |]. [24301]. | | | | |
| | | | | - | | | | | | |
| | | PERFORM | IANCE STYL | E VALVE S | PRING. MAC | CHINING | | | | |
| | | MAY BE R | EQUIRED | | | | | | | |
| | 466134 | | | - | | | | | | |
| | | | - | | | | | | | |
| | | PERFORMANCE STYLE VALVE SPRIN | | | | | | | | |
| | | MAY BE REQUIRED | | | | | | | | |
| | 466444 | | | | | - | | | | |
| | | | | | | | | | | |
| | | MAY BE R | | E VALVE SI | - שאווח MIAU | | | | | |
| Valve Spring Retainers | 475054 | | | WITH [4661 | 34] SPRING | as | | | | |
| Chrome Moly Push Rods | 500404 | | | SPRING PF | - | | | | | |
| | 500584 | | | URE 350 LB | | | | | | |
| Guide Plates | MGP1084 | | | IST BE USEI | | REW-IN | | | | |
| | _ | | ARM STUDS | | - | | | | | |
| | | | | | | | | | | |

| Part Title | Part No. | Description | | |
|-----------------------------------|---|---|--|--|
| 260 ENG - 1962-65 - 8 C | | | | |
| Guide Plates | MGP1094 | FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN | | |
| | | ROCKER ARM STUDS | | |
| 3pc Set | 40206 | INCLUDES ROLLER CHAIN, CAST IRON CAM | | |
| | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | |
| | 40402 | NOT FOR USE WITH ROLLER CAMS INCLUDES | | |
| | | SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM | | |
| | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. | | |
| | | MUST USE MF126 (3.356") THRUST PLATE WITH THIS | | |
| | | SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE | | |
| | | ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC | | |
| | | FORD PT # C3AZ6287B. | | |
| Oil Pump | M-68HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR | | |
| | | PAN AND CRANK CLEARANCE. | | |
| | 10687 | STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. | | |
| | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I | | |
| | | S SHAFT. USES 5/8" BOLT ON SCREEN. | | |
| | 10688 | HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. | | |
| | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I | | |
| | | S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE | | |
| | | MINOR OIL PAN MODIFICATION. CHECK FOR PAN AND | | |
| Oil Duma Drive Cheft | 10000 | CRANK CLEARANCE. PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH | | |
| Oil Pump Drive Shaft | 12680 | PERFORMANCE I TPE INTERMEDIATE SHAFT. HIGH | | |
| | | STRENGTH (150 000 PSI) CHROME MOLV STEEL | | |
| | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. | | |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO | | |
| 4.6-R.V.Y (281) DOHC E | NG - 1996-04 - V8 - 3 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 | | |
| VIN R) 32V ENG NOT M | ANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 00 & 2002 | | |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 | | |
| VIN R) 32V ENG NOT M | ANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 00 & 2002 1996-1999 ENGINE ASSEMBLY AND BREAK-IN | | |
| VIN R) 32V ENG NOT M | ANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 00 & 2002 1996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT | | |
| VIN R) 32V ENG NOT M | ANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 4OZ CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 4OZ CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENTDOT-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.5 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 00 & 2002 1996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. 2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 5.5 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 1 00 & 2002 1996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. 2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. 2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS5 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTIMPROVED SHAFTS5 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.1996-1999 STANDARD VOLUME. PROTECTIVE | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTIMPROVED SHAFTS5 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.1996-1999 STANDARD VOLUME. PROTECTIVE ANODIZED BODY. MAG PHOSPHATE COATED COVER. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2001-2001 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.2003-2004 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER.1996-1999 STANDARD VOLUME. PROTECTIVE ANODIZED BODY. MAG PHOSPHATE COATED COVER. 130,000 TSI TENSILE STRENGTH BILLET STEEL | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT 3:55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 2002 1996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT5.55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT255 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |
| VIN R) 32V ENG NOT M Mell Lube | MANUFACTURED 20 M-10012 M-10012 M-10012 M-10012 10227 10227 | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFTS55 Bore (MUSTANG SVT COBRA VIN V,Y) (MACH 100 & 20021996-1999 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. | | |

| Line | | | , | | | | | | |
|------|--------------------------------------|-------------------|---|--------------------------|------------------------|----------------------|------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 3 | 4.6-R,V,Y (281) DOHC ENG - 19 | | • | STANG SV | T COBRA | VIN V,Y) (I | MACH 1 | | |
| | VIN R) 32V ENG NOT MANUF | | | | | | | | |
| | Oil Pump Screen | 335S | 2001-2001 | | | | | | |
| | | 335S | 2003-2004 | | | | | | |
| 4 | 4.6-X (281) SOHC ENG - 1996-0 | 04 - V8 - 3.550 B | ore (MUST | ANG GT) 1 | 6V | | | | |
| | Mell Lube | M-10012 | | SSEMBLY A | | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING | | | | | | |
| | | | | ING DURING | G ENGINE S | TART UP. 4 | OZ | | |
| | | | CONTAINE | | | | | | |
| | Oil Pump | 10176 | | D VOLUME. | | | | | |
| | | | | SPHATE CO | | | | | |
| | | | | STRENGTH I USES 13/16 | | | . SCREW | | |
| · | | 10227 | | USES 13/10 UME 8%. PF | | | RODV | | |
| | | 10227 | | SPHATE CO | | | | | |
| | | | | STRENGTH | | , | | | |
| | | | | USES 335S | | | | | |
| | Oil Pump Screen | 335S | | | | | | | |
| 5 | 4.6-H,8 (281) SOHC ENG - 2006 | | Bore (06-10 | MUSTANO | GT) (07-0 | 8 SHEL BY | GT) | | |
| | (08-09 BULLIT) (06-10 EXPLOF | | • | | , , | | , | | |
| | | - | , , , | SSEMBLY A | | 1 | | | |
| | Mell Lube | M-10012 | - | REVENT SC | | | | | |
| | | | | | | | | | |
| | | | AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | | |
| | Oil Pump | 10340 | HI PRESSURE. PROTECTIVE ANODIZED COATED | | | | | | |
| | | | BODY. CAST ALUMINUM COVER WITH PHOSTPHATE | | | | | | |
| | COATING. USES 15/16" BOLT ON SCREEN. | | | | | | | | |
| 6 | 289 ENG - 1963-68 - 8 Cyl 4.0 | 00 Bore (INCLU | DES MERO | CURY) | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | • | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | HYD. EXCLUDES ROLLER | MTF-1 | 204 214 | 280 289 | .449 .473 | 108 116 | 112 | | |
| | LIFTERS. USE [VS-270] [466124] | | | | | | | | |
| | [466134] [466444] VALVE | | | | | | | | |
| | SPRINGS. CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1000-4500. | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | CLASS II. NOT CALIFORNIA | 24203 | Int. Exh. 214 224 | Int. Exh. 288 300 | Int. Exh. .473 .497 | Int. Exh. 108 116 | 112 | | |
| | COMPLIANT. NOT CALIFORNIA | 24203 | 214 224 | 200 300 | .473 .497 | 106 116 | 112 | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1700-5200. | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24210 | 224 234 | 300 306 | .497 .520 | 107 117 | 112 | | |
| | COMPLIANT. NOT COMPUTER | | | | | 107 117 | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 2200-5700. | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24212 | 218 218 | 297 297 | .458 .457 | 106 120 | 113 | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1700-5200. | | | | | | | | |
| | Continued on Next Page | | | | | | | | |

| Line | | Dout No. | | | Deceriation | | | |
|----------|--|-----------|---|---------------------|----------------------|-----------------------|-----------------------|--|
| No. 6 | Part Title 289 ENG - 1963-68 - 8 Cyl 4.0 | Part No. | | | Description | | | |
| 0 | Camshafts Using Hydraulic Flat | | | | | | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | CLASS III. NOT CALIFORNIA | 24301 | 231 231 | 288 288 | .512 .512 | 106 114 | 110 | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 2500-6000. | | | | | | | |
| | CLASS III. NOT CALIFORNIA | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | | |
| | 2200-5400. | | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | • | |
| | FOR USE WITH RETRO-FIT | 24110 | 210 211 | 298 282 | .444 .444 | 116 115 | 115 | |
| | ROLLER LIFTER [F1900RF16] | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1200-4600 FOR USE WITH RETRO-FIT | 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 | |
| | ROLLER LIFTER [F1900RF16] | 24214 | 219 219 | 200 200 | .490 .490 | | 110 | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1700-5300 | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | |
| | | | | | ACES TO PF | | | |
| | | | CONTAINE | | G ENGINE S | TART UP. 4 | 02 | |
| | Torque Cam Lifter Kit | CL-MTF-1 | | | TER COMPA | | | |
| | | | | | | | | |
| | | | | | CAM, 16-[JB- | | | |
| | | | MELL LUB | E. CHECK F | OR COIL BI | ND. USE [VS | 6-270] | |
| | | | | | DHGT. OF 1 | | | |
| | Hydraulic Flat Tappet Lifters | 299004 | | | CTORY SET | | | |
| | | 299014 | | | UMP UP; SE | | | |
| | Hydraulic Roller Lifters | JB-2205 | | | | VALVEIRA | | |
| | Hydraulic Retro-fit Roller Lifters | F1900RF16 | | | DR USE W/ F | RETRO-FIT I | ROLLER | |
| | - | | | TS [24110], | | | - | |
| | Valve Locks | 472004 | | | | | | |
| | Valve Spring with Mechanical | 466274 | | | E WITH [244 | - | | |
| | Lifters | | _ | - | E VALVE SPI | RING. MACH | HINING | |
| | <u> </u> | NO 070 | MAY BE REQUIRED 1.080 O.D. USE W/ [MTF-1] CAMSHAFT. INSTALLED HGT OF | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-270 | - | - | | | | |
| | Litters | | | EPLACEMEN | IT TYPE VAI | | ג. | |
| | | 466124 | | | E WITH [242 | 210] [24212] | [24301] | |
| | | | | | 6. NOTE: ASI | | | |
| | | | | - | E VALVE SPI | | | |
| | | | MAY BE R | EQUIRED | | | | |
| | Continued on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|-------------------------------|----------|---|
| 6 | 289 ENG - 1963-68 - 8 Cyl 4.0 | | · • |
| 0 | Valve Spring with Hydraulic | 466134 | 1963-1968 OUTER - USE WITH [24210], [24212], [24301], |
| | Lifters | 400134 | [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. |
| | Litters | | PERFORMANCE TYPE VALVE SPRING. MACHINING |
| | | | MAY BE REQUIRED |
| | | 466444 | USE WITH [24210], [24212], [24301], [24203], [MTF-1], |
| | | 400444 | [MTF-5] CAMS. NOTE: ASM. HEIGHT OF 1.80. |
| | | | PERFORMANCE TYPE VALVE SPRING. MACHINING |
| | | | MAY BE REQUIRED |
| | Valve Spring Retainers | 475054 | CHROME MOLY - USE WITH [466134] SPRINGS |
| | Chrome Moly Push Rods | 500584 | MAX. SPRING PRESSURE 350 LBS. |
| | Guide Plates | MGP1084 | FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN |
| | Guide Flates | MGF 1004 | ROCKER ARM STUDS |
| | | MGP1094 | FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | MGF 1094 | ROCKER ARM STUDS |
| | Gear Drive Set | 48420 | LATE 1965 CAR APPLICATIONS USE 1/4" THRUST |
| | | 70720 | PLATE, TRUCK APPLICATIONS: SPACER CAST INTO |
| | | | HUB. OLDER ENGINES DISCARD SEPERATE |
| | | | CAMSHAFT SPACER. INCLUDES 8620 CARBURIZED |
| | | | STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE |
| | | | AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL |
| | | | COLOER CODED DOWEL PIN HOLE INSERTS. |
| | 3pc Set | 40206 | INCLUDES ROLLER CHAIN, CAST IRON CAM |
| | | 10200 | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| | | 40402 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET. MUST USE MF126 (3.356") THRUST PLATE |
| | | | WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP |
| | | | ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO |
| | | | PIECE ECCENTRIC DISCARD & USE ONE PIECE |
| | | | ECCENTRIC FORD PT # C3AZ6287B. |
| | | 48520T-9 | LATE 1965 USE 1/4" THRUST PLATE INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48520W-9 | LATE 1965 USE 1/4" THRUST PLATE INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | Oil Pump | M-68HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR |
| | | | PAN AND CRANK CLEARANCE. |
| | | 10687 | STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. |
| | | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ |
| | | | S SHAFT. USES 5/8" BOLT ON SCREEN. |
| | | 10688 | HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. |
| | | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ |
| | | | S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE |
| | | | MINOR OIL PAN MODIFICATION. CHECK FOR PAN AND |
| | | | CRANK CLEARANCE. |
| | Continued on Next Page | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|-----------------|--|---|-----------------------------------|------------------------------------|-----------------------|
| 6 | 289 ENG - 1963-68 - 8 Cyl 4.0 | | | | Description | | |
| | Oil Pump Drive Shaft | 12680 | PERFORM STRENGT IMPROVE THE OIL P | IANCE TYPE H (150,000 F D SHAFT RE UMP DRIVE | PSI) CHROM TAINER WH SHAFT | E MOLY ST IICH LOCKS | EEL. |
| 7 | 302 ENG - 1968-2001 - 8 Cyl 4 | 4.000 Bore (INC | LUDES ME | RCURY AN | ND LINCOL | N) | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | 1968-1985 HYD. FOR 302 H/O ENGINE. USE LIFTER [466444]. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTF-5 | 204 214 | 280 290 | .449 .473 | 107 117 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24203 | Int. Exh. 214 224 | Int. Exh. 288 300 | Int. Exh. .473 .497 | Int. Exh. 108 116 | 112 |
| | 1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24212 | 218 218 | 297 297 | .458 .457 | 106 120 | 113 |
| | 1968-1985 WHEN INSTALLING IN THE 302 H/O USE FIRING ORDER (15426378). CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 24301 | 231 231 | 288 288 | .512 .512 | 106 114 | 110 |
| | 1968-1995 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 |
| | Camshafts Using Hydraulic Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1985-1995 FOR H/O ENGINES ORIGINALLY EQUIPPED WITH ROLLER CAMS. USE FIRING ORDER (13726548). CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2300-58000. Continued on Next Page | 24227 | Int. Exh. 222 232 | Int. Exh. 300 309 | Int. Exh. | Int. Exh. 107 117 | 112 |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|--|----------|---|---------------------|----------------------|-----------------------|-----------------------|--|
| 7 | 302 ENG - 1968-2001 - 8 Cyl | | | | | | | |
| - 4 | Camshafts Using Hydraulic | | | | | , | _ | |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | 1968-1994 FOR H/O ENGINES | 24280 | 220 223 | 286 292 | .512 .512 | 109 115 | 112 | |
| | ORIGINALLY EQUIPPED WITH | | | | | | | |
| | ROLLER CAMS. CLASS II. NOT | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | |
| | POWER RANGE 2000-5000. | | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | FOR USE WITH RETRO-FIT | 24110 | 210 211 | 298 282 | .444 .444 | 116 115 | 115 | |
| | ROLLER LIFTER [F1900RF16] | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1200-4600 | | | | | | | |
| | FOR USE WITH RETRO-FIT | 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 | |
| | ROLLER LIFTER [F1900RF16] | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1700-5300 | 0.4000 | 010,000 | | 404 500 | 107 117 | 110 | |
| | 1985-1995 FOR H/O ENGINES | 24226 | 212 222 | 289 300 | .491 .509 | 107 117 | 112 | |
| | ORIGINALLY EQUIPPED WITH | | | | | | | |
| | ROLLER CAMS. USE RETRO-FIT | | | | | | | |
| | ROLLER LIFTER [F1900RF16]; USE FIRING ORDER 13726548. | | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1200-5000 | | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | | |
| | | | | 001 | ACES TO PF | | | |
| | | | | | G ENGINE S | | | |
| | | | CONTAINE | ER. | | | | |
| | Torque Cam Lifter Kit | CL-MTF-5 | 1982-1985 | CLASS I NO | T COMPUT | ER COMPA | TIBLE. FOR | |
| | - | | 302 H/O E | NGINE. EXC | . ROLLER L | IFTERS. US | E [466444]. | |
| | | | CLASSIH | YD. NOT CA | | OMPLIANT | . NOT | |
| | | | COMPUTE | R COMPAT | IBLE. KIT IN | CLUDES 1-[| MTF-5] | |
| | | | CAM, 16-[JB-900] LIFTERS & 4OZ MELL LUBE. CHECK | | | | | |
| | | | FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED | | | | | |
| | | | | - | 5] RETAINEI | | | |
| | | | | | CK FORD IN | | | |
| | | | | | HAUST SPR | INGS AND I | ROTATING | |
| | | | RETAINEF | - | | | | |
| | Hydraulic Flat Tappet Lifters | 299004 | | | ER USE FAC | | | |
| | | 299014 | | | ER. ANTI-PL | | | |
| | | | | | W/ ADJUS | I ABLE VAL | /E I KAIN | |
| | Hydraulic Roller Lifters | JB-2205 | STOCK RE | EPLACEMEN | II IYPE | | | |
| | Continued on Next Page | | | | | | | |

| Line | r | | RMANCE - FORD PRODUCTS & TRUCKS (Continued) |
|-------------|------------------------------------|-----------------|---|
| Line No. | Part Title | Part No. | Description |
| 7 | 302 ENG - 1968-2001 - 8 Cyl | 4.000 Bore (INC | LUDES MERCURY AND LINCOLN) |
| | Hydraulic Retro-fit Roller Lifters | F1900RF16 | 1968-2001 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT |
| | | | ROLLER CAMSHAFTS [24110], [24214], [24226]; |
| | | | REQUIRES HEAD REMOVAL TO INSTALL LIFTERS |
| | Valve Locks | 472004 | |
| | Valve Spring with Mechanical | 466274 | 1968-2001 INNER - USE WITH [24409] CAM. MACHINING |
| | Lifters | | MAY BE REQUIRED 1.080 O.D. |
| | Valve Spring with Hydraulic | 466124 | 1968-2001 INNER - USE WITH [24210], [24212], [24301], |
| | Lifters | | [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. |
| | | | MACHINING MAY BE REQUIRED |
| | | 466134 | 1968-2001 OUTER - USE WITH [24210], [24212], [24301], |
| | | | [24203], [MTF-1] CAMS. NOTE: ASM. HEIGHT OF 1.80. |
| | | | MACHINING MAY BE REQUIRED |
| | | 466444 | USE WITH [24210], [24212], [24301], [24203], [MTF-1], |
| | | | [MTF-5] CAMS. NOTE: ASM. HEIGHT OF 1.80. |
| | | | MACHINING MAY BE REQUIRED |
| | Valve Spring Retainers | 475054 | CHROME MOLY - USE WITH [466134] SPRINGS |
| | Chrome Moly Push Rods | 500414 | 1969-1970 HEAT TREATED. 302 BOSS MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500444 | 1971-1972 HEAT TREATED. 302 BOSS MAX. SPRING |
| | | | PRESSURE 350 LBS. |
| | | 500584 | 1968-1969 TO CHANGE L4 MAX. SPRING PRESSURE |
| | | | |
| | Guide Plates | MGP1084 | FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN |
| | | MODIA | |
| | | MGP1094 | FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN |
| | Coor Drive Set | 49400 | ROCKER ARM STUDS 1968-1995 RECOMMENDED FOR STREET AND STRIP, |
| | Gear Drive Set | 48420 | CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | | | 89-94 W/ROLLER CHAIN, 94-95 W/SILENT CHAIN. 68-72 |
| | | | USE STAND. 1/4" THRUST PLATE. SPACER CAST INTO |
| | | | SPROCKET HUB, OLDER ENGINES DISCARD |
| | | | SEPERATE CAM SPACER. CAR APPLICATIONS ONLY. |
| | | | INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER |
| | | | CAM BUTTON, LOCK PLATE AND BOLTS, TIMING |
| | | | ADJUSTED WITH 5 OPTIONAL COLOER CODED DOWEL |
| | | | PIN HOLE INSERTS. |
| | | 48420 | 1969-1972 RECOMMENDED FOR STREET AND STRIP, |
| | | | CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | | | SPACER CAST INTO SPROCKET HUB, OLDER ENGINES |
| | | | DISCARD SEPERATE CAMSHAFT SPACER. TRUCK |
| | | | APPLICATIONS ONLY. INCLUDES 8620 CARBURIZED |
| | | | STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE |
| | | | AND BOLTS, TIMING ADJUSTED WITH 5 OPTIONAL |
| | | | COLOER CODED DOWEL PIN HOLE INSERTS. |
| | 3pc Set | 40206 | 1968-1994 CAR AND TRUCK APPLICATIONS INCLUDES |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET & |
| | | | MULTIPLE KEYWAY CRANK SPROCKET |
| | Continued on Next Page | | |
| | I | 1 | |

| Line No. | Part Title | Part No. | Description |
|-------------|-----------------------------|-----------------|--|
| 7 | 302 ENG - 1968-2001 - 8 Cyl | 4.000 Bore (INC | LUDES MERCURY AND LINCOLN) |
| - | 3pc Set | 40402 | YOU MUST USE [MF126] (3.356"L) THRUST PLATE |
| | | | RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. |
| | | | NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET & |
| | | | MULTIPLE KEYWAY CRANK SPROCKET. MUST USE |
| | | | MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT |
| | | | USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] |
| | | | SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD |
| | | | & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. |
| | | 48520T-9 | 1968-1972 CAR AND TRUCK APPLICATIONS. CAR |
| | | | APPLICATIONS USE 1/4" THRUST PLATE. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | 4050000 | FIT ROLLER THRUST BEARINGS. |
| | | 48520W-9 | 1968-1972 CAR AND TRUCK APPLICATIONS. CAR |
| | | | APPLICATIONS USE 1/4" THRUST PLATE. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | 48551T-9 | 1972-1995 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 1989-94 |
| | | | WITH ROLLER TYPE CHAIN, 1994-95 WITH SILENT |
| | | | TYPE CHAIN. 80-88 H/O CAR APPLICATIONS ONLY. |
| | | | SPACER CAST INTO SPROCKET HUB. OLDER ENGINES |
| | | | DISCARD SEPERATE CAMSHAFT SPACER. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48551T-9 | 1972-2001 RECOMMENDED FOR STREET AND STRIP, |
| | | | CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 1989-90 |
| | | | WITH ROLLER TYPE CHAIN, 1994-01 WITH SILENT |
| | | | TYPE CHAIN. SPACER CAST INTO SPROCKET HUB OLDER ENGINES DISCARD SEPERATE CAMSHAFT |
| | | | SPACER. TRUCK APPLICATIONS ONLY. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH $+4^{\circ}/-4^{\circ}$ CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | Oil Pump | M-68HV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR |
| | - | | PAN AND CRANK CLEARANCE. |
| | | 10687 | STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. |
| | | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ |
| | | | S SHAFT. USES 5/8" BOLT ON SCREEN. |
| | | 10688 | HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. |
| | | | PROTECTIVE COATING. SCREW IN VALVE. INCLUDES I/ |
| | | | S SHAFT. USES 5/8" BOLT ON SCREEN. MAY REQUIRE |
| | | | MINOR OIL PAN MODIFICATION. CHECK FOR PAN AND |
| | Continued on Next Ress | | CRANK CLEARANCE. |
| | Continued on Next Page | | |

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|-------------|--|---|-----------------------------------|----------------------------------|---|------------------------------------|-----------------------|
| Line No. | Part Title | Part No. | | | Description | | |
| 7 | 302 ENG - 1968-2001 - 8 Cyl | 4.000 Bore (INC | LUDES ME | | | N) | |
| | Oil Pump Drive Shaft | 12680 | STRENGT | H (150,000 F | E INTERMED PSI) CHROM ETAINER WH E SHAFT | E MOLY ST | EEL. |
| 8 | 5.4-5,V (330) SOHC ENG - 2004 | 4-08 - 8 Cyl - 3.55 Bore (05-08 EXPEDITION) (04-08 F SERIES) (06- | | | | | |
| | MARK LT) (05-08 NAVIGATOR |) 24V ENGINE | | | | | |
| | Mell Lube | M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Oil Pump | 10340 | BODY. CA | ST ALUMIN | ECTIVE ANC UM COVER \ 6" BOLT ON 3 | NITH PHOS | |
| 9 | 351W ENG - 1984-94 - 8 Cyl 4 | 4.000 Bore 351 \ | WINDSOR I | H.O. (VIN F | I)(TRUCK A | PPLICATI | ONS |
| | INCLUDES VANS) Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. CAM LIFT .280 INT .295 EXH CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER BANGE | MTF-5 | 204 214 | 280 290 | .449 .473 | 107 117 | 112 |
| | 1000-4500. | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | USE 302 FIRING ORDER - 15426378. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 24108 | 190 202 | 258 271 | 0.412 0.437 | 106 114 | 110 |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. | 24211 | 224 234 | 300 306 | .497 .520 | 107 117 | 112 |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24225 | 219 219 | 308 308 | .467 .467 | 107 119 | 113 |
| | USE 302 FIRING ORDER 15426378. CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. Continued on Next Page | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 |

| No. Part No. Description 3 Stift WRG - 1984-94 - 8 Cyt 4.000 Bore 351 WINDSOR H.O. (VIN H)(TRUCK APPLICATIONS INCLUDES VANS) Camshaffs Using Hydraulic Retro-fit Roller Lifters Degrees Degrees Inches Degrees Degrees FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900FF16] 24110 200 211 298 282 444 .444 116 115 115 COMPLIANT. NOT COMPUTER COMPLIANT. NOT COMPUTER COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 498 .498 110 110 110 COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT CAUFORNIA 24214 219 219 285 285 498 .498 110 110 110 ROLLES UNTER FERSON M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SUPFACES TO PREVENT SCONING AND CALLING DURING ENGINE START UP. A02 CONTAINER. Hydraulic Flat Tappet Lifters 299014 PERFORMANCE TYPE LIFTER. NOT PUMPU PP. SET AT ZERO LASH: MUST BE USED WADJUSTABLE VALVE TRAIN Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WINDUED WINCLER CAMSHAFTS Hydraulic Roller Lifters 19-2205 STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WROLLER CAMSHAFTS | Line No. | Part Title | Part No. | | | | | | | |
|--|-------------|------------------------------------|-----------|---|--------------|------------|------------|------------|--|--|
| INCLUDES VANS) Camshafts Using Hydraulic Retro-fit Roller Lifters Degrees (50° du/ ADV, Dur Vales III, Lobe ontr. Separation Int. Exh. Inc. Exh. | | | | | | | | | | |
| Camshafts Using Hydraulic Retro-fit Roller Lifters Degrees .050° du HL Exh. Int. Exh. | | | | | | <u> </u> | | | | |
| Retro-fit Roller Lifters 080° dur ADY. Dur Valve with Lobe ontr. Separation POR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA 24110 210 211 298 282 .444 .444 116 115 115 COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA 24214 219 219 285 285 .498 .498 110 110 110 COMPATIBLE. POWER RANGE 210 211 295 285 .498 .498 110 110 110 COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 COMPATIBLE. POWER RANGE M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEARS SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. 290014 29014 < | | | | D | D | | P | P | | |
| FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600 24110 210 211 298 282 .444 .444 116 115 115 COMPATIBLE. POWER RANGE 1200-4600 1200-4600 219 219 285 285 .498 .498 110 110 110 COMPATIBLE. POWER RANGE 1200-4600 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. Hydraulic Flat Tappet Lifters 299004 PERFORMANCE TYPE LIFTER. ANTI-PUMP UP, SET AT ZERO LASH, MUST BE USED WI ADJUSTABLE VALVE TRAIN Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER. MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WIROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE WI RETRO-FIT ROLLER CAMSHAFT Valve Spring Retainers 475054 CHROME MOLY - USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 CHROME MOLY - USE WITH [26174] SPRINGS Guide Plates MGP1084 FLAT-576" THICK- MUST BE USED WITH | | C . | | Degrees | Degrees | | | | | |
| FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24110 210 211 298 282 .444 .444 116 115 115 COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 ROLLER UFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER 24214 219 219 285 285 .498 .498 110 110 110 ROIL COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT CALIFORNIA 20000 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. Hydraulic Flat Tappet Lifters 299004 PERFORMANCE TYPE LIFTER. USE FACTORY SETTING PERFORMANCE TYPE LIFTER. ANTI-PUMPU P; SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER. MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WIROLLER CAMSHAFT S Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE RETRO-TIT UFTER FOR USE W/ RETRO-TIT ROLLER CAMSHAFT Valve Spring Retainers 475054 CHROME MOLY - USE WITH 466174] SPRINGS <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Ocparation</th></t<> | | | | | | | | Ocparation | | |
| ROLLER LIFTER [F1900F16] CLASS I. NOT CALIFORNIA COMPUTANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600 24214 219 219 285 285 .498 .498 110 110 110 ROLLER LIFTER [F1900F16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 24214 219 219 285 285 .498 .498 110 110 110 Mell Lube M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. Hydraulic Flat Tappet Lifters 299004 PERFORMANCE TYPE LIFTER. USE FACTORY SETTING PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER. USE W/ RETRO-FIT ROLLER CAMSHAFT Valve Spring with Hydraulic Lifters 466174 USE WITH [24223] & [MT-5] CAMS- MACHINING MAY BE LIFTER Valve Spring Retainers 475054 CHROME MOLY. USE WITH [266174] SPRINGS USE WISTAMPED STEEL ROCKER ARMS-HEAT THEATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1094 FLAT-576" THICK. MUST BE USED WITH SCREW-IN ROCKER ARM STUDS SOCKER AR | | FOR USE WITH BETBO-FIT | 24110 | | | | | 115 | | |
| CLASS I. NOT CALFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600 24214 219 219 285 285 .438 .438 110 110 110 FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPATIBLE. POWER RANGE 17000-5300 24214 219 219 285 285 .438 .438 110 110 110 Meil Lube M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. Hydraulic Flat Tappet Lifters 299004 PERFORMANCE TYPE LIFTER. USE FACTORY SETTING. PERFORMANCE TYPE LIFTER. MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WROLLER AND ADJUSTABLE VALVE TRAIN Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER. MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE RETRO-IT LIFTER FOR USE W/ RETRO-CAMSHAFTS Valve Spring Retainers 476104 HARDENED WARUES MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 CHROME MOLY. USE WITH [466174] SPRINGS Valve Spring Retainers 475054 CHROME MOLY. USE WITH [466174] SPRINGS Valve Spring Retainers 475054 CHROME MOLY. USE WITH [2422] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 | | | 24110 | 210 211 | 230 202 | | 110 113 | 115 | | |
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| FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RP16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 219 219 285 285 .498 .498 110 110 110 Mell Aube M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 402 CONTAINER. Hydraulic Flat Tappet Lifters 299004 PERFORMANCE TYPE LIFTER. USE FACTORY SETTING 299014 Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED WROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE ENTO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT Valve Locks 476104 HARDENED Valve Spring with Hydraulic Lifters Valve Spring Retainers 475054 CHROME MOLY- USE WITH [466174] SPRINGS Chrome Moly Push Rods 500664 USE W/STAMPED STELE ROCKER ARMS- HEAT THEETED MAX. SPRING PRESSURE 330 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET NOT FOR ROLLER CHAIN, CAST IRON CAM SPROCKET & MU | | | | | | | | | | |
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| COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE Image: Comparison of the c | | ROLLER LIFTER [F1900RF16] | | | | | | | | |
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| ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN Hydraulic Roller Lifters JB-2205 STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED W/ROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT Valve Locks 476104 HARDENED Valve Spring with Hydraulic Lifters 466174 USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 CHROME MOLL' USE WITH [466174] SPRINGS Chrome Moly Push Rods 500664 USE W/STAMPE D STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356"L) THRUST PLATE WITH HIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC ON THE (40402) SET. IF ENGINE HAS TWO PIECE ECCENTRIC ON THE (40402) SET. IF ENGINE HAS TWO PIECE ECCENTRIC DOR MITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC FORD PT # C3A26287B. | | Hydraulic Flat Tappet Lifters | | | | | | | | |
| Hydraulic Roller LiftersJB-2205STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED W/ROLLER CAMSHAFTSHydraulic Retro-fit Roller LiftersF1900RF16PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTValve Locks476104HARDENEDValve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET A0402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.382"L) PLATE. NOT FOR ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MULTIPLE KEYWAY CRANK SPROCKET. & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MIT26 (3.356") THRUST PLATE RATHER THAN [MF125] OR STOCK (3.382"L) PLATE. NOU FOR ROLLER CHAIN, CAST IRON CAM SPROCKET. & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MIT26 (3.356") THRUST PLATE RATHER THAN [MF125] OR STOCK (3.382"L) PLATE. NOU FOR ROLLER CHAIN, CAST IRON CAM SPROCKET. & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MIT26 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCEN | | | 299014 | ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE | | | | | | |
| Hydraulic Roller LiftersJB-2205STOCK REPLACEMENT TYPE LIFTER; MAY BE USED FOR ENGINES ORIGINALLY SUPPLIED W/ROLLER CAMSHAFTSHydraulic Retro-fit Roller LiftersF1900RF16PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTValve Locks476104HARDENEDValve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET YOU MUST DE SEAMLESS SOLID RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| FOR ENGINES ORIGINALLY SUPPLIED W/ROLLER CAMSHAFTS Hydraulic Retro-fit Roller Lifters F1900RF16 PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFT Valve Locks 476104 HARDENED Valve Spring with Hydraulic Lifters 466174 USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 CHROME MOLY- USE WITH [466174] SPRINGS Chrome Moly Push Rods 500664 USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET VOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET & MULTIPLE KEYWAY CRAN | - | Undreulie Deller Liftere | | | | | | | | |
| Hydraulic Retro-fit Roller LiftersF1900RF16PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTValve Locks476104HARDENEDValve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET NOT FOR ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO | | Hydraulic Roller Lillers | JD-2205 | | | | | | | |
| Hydraulic Retro-fit Roller LiftersF1900RF16PERFORMANCE TYPE RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTValve Locks476104HARDENEDValve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET40402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS IROL CAS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET AST. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. <th></th> <th></th> <th></th> <th></th> <th></th> <th>ALLI SUIT</th> <th></th> <th></th> | | | | | | ALLI SUIT | | | | |
| Amount RETRO-FIT ROLLER CAMSHAFT Valve Locks 476104 HARDENED Valve Spring with Hydraulic 466174 USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIRED Valve Spring Retainers 475054 CHROME MOLY- USE WITH [466174] SPRINGS Chrome Moly Push Rods 500664 USE W/STAMPED STEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Hydraulic Betro-fit Boller Lifters | F1900BF16 | | - | BETRO-FI | | DR USE W/ | | |
| Valve Locks476104HARDENEDValve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET40402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356"L) THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| Valve Spring with Hydraulic Lifters466174USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY BE REQUIREDValve Spring Retainers475054CHROME MOLY- USE WITH [466174] SPRINGSChrome Moly Push Rods500664USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS.Guide PlatesMGP1084FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET40402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Valve Locks | 476104 | | | - | | | | |
| Lifters REQUIRED Valve Spring Retainers 475054 CHROME MOLY- USE WITH [466174] SPRINGS Chrome Moly Push Rods 500664 USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEALLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Valve Spring with Hydraulic | | USE WITH | [24225] & [N | ITF-5] CAM | S- MACHINI | NG MAY BE | | |
| Chrome Moly Push Rods 500664 USE W/STAMPED STEEL ROCKER ARMS- HEAT TREATED MAX. SPRING PRESSURE 350 LBS. Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set MGP1094 FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | REQUIRED | D | - | | | | |
| Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS MGP1094 FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Valve Spring Retainers | 475054 | CHROME | MOLY- USE | WITH [4661 | 74] SPRING | S | | |
| Guide Plates MGP1084 FLAT-5/16" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS MGP1094 FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Chrome Moly Push Rods | 500664 | USE W/ST | AMPED STE | EL ROCKER | R ARMS- HE | AT | | |
| ROCKER ARM STUDS MGP1094 FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| MGP1094FLAT-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS3pc Set40206INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET40402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | Guide Plates | MGP1084 | | | | D WITH SCF | REW-IN | | |
| Spc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| 3pc Set 40206 INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | MGP1094 | | | | WITH SCRI | EW-IN | | |
| 40402 YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | 40000 | | | | | | | |
| 40402YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | 3pc Set | 40206 | | | | | | | |
| RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | 40402 | | | | | | | |
| NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | 40402 | | - | - • • | | | | |
| ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | - | - | ``` | | | |
| MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | | | | | | |
| SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. | | | | | , | | | | | |
| | | | | | | | | | | |
| Continued on Next Page | | | | & USE ON | E PIECE EC | CENTRIC F | ORD PT # C | 3AZ6287B. | | |
| | | Continued on Next Page | | | | | | | | |

| е | | David N.a. | Description | | | | |
|---|---|------------|---|--|--|--|--|
| | Part Title | Part No. | Description | | | | |
| | 351W ENG - 1984-94 - 8 Cyl 4.000 Bore 351 WINDSOR H.O. (VIN H)(TRUCK APPLICATIONS | | | | | | |
| | INCLUDES VANS) | | | | | | |
| - | 3pc Set | 48551T-9 | 1984-1985 4BBL ENG. ONLY; RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4 -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | | | |
| | Oil Pump | M-83HV | HI VOLUME PUMP (25% ADDL VOLUME OF OIL) STOC RELIEF VALVE AND SHAFT DESIGN - CHECK FOR PA AND CRANK CLEARANCE. | | | | |
| - | | 10832 | STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN MODIFICATION. | | | | |
| - | | 10833 | HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN MODIFICATION. CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| | Oil Pump Drive Shaft | 12830 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | |

10 351W ENG - 1969-85 - 8 Cyl. - 4.000 Bore 351 WINDSOR (VIN H,M,G)(TRUCK APPLICATIONS INCLUDES VANS)

| Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
|--|-------|-----------------------------------|----------------------------------|-----------------------------------|------------------------------------|-----------------------|
| HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. CAM LIFT .280 INT .295 EXH CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTF-5 | 204 214 | 280 290 | .449 .473 | 107 117 | 112 |
| Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| USE 302 FIRING ORDER - 15426378. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 24108 | 190 202 | 258 271 | 0.412 0.437 | 106 114 | 110 |
| CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. | 24211 | 224 234 | 300 306 | .497 .520 | 107 117 | 112 |
| Continued on Next Page | | | | | | |

| Part Title | Part No. | | | | | | |
|---|-----------------|----------------------|---------------------|-------------------------|-------------------------|-----------|--|
| 351W ENG - 1969-85 - 8 Cyl | 4.000 Bore 351 | WINDSOR | (VIN H,M,G |)(TRUCK A | PPLICATI | ONS | |
| INCLUDES VANS) | | | | | | | |
| Camshafts Using Hydraulic Fla | at | Degrees | Degrees | Inches | Degrees | Degrees | |
| Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separatio | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| CLASS II. NOT CALIFORNIA | 24225 | 219 219 | 308 308 | .467 .467 | 107 119 | 113 | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | E | | | | | | |
| 1700-5200. | | | | | | | |
| USE 302 FIRING ORDER | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 | |
| 15426378. CLASS III. NOT | _ | | | | | | |
| CALIFORNIA COMPLIANT. NO | | | | | | | |
| COMPUTER COMPATIBLE. | | | | | | | |
| POWER RANGE 2200-5400. | | | | | | | |
| Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches | Degrees | Degrees | |
| | | Int. Exh. | Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | |
| FOR USE W/RETRO-FIT ROLL | ER 24110 | 210 211 | 298 282 | .444 .444 | 116 115 | 115 | |
| LIFTER [F1900RF16]; CAM LIF | | 210 211 | 290 202 | .444 .444 | 110 115 | 115 | |
| .278 INT278 EXH CLASS I. NO | | | | | | | |
| CALIFORNIA COMPLIANT. NO | | | | | | | |
| COMPUTER COMPATIBLE. | | | | | | | |
| POWER RANGE 1200-4600 | | | | | | | |
| FOR USE W/RETRO-FIT ROLL | ER 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 | |
| LIFTER [F1900RF16]; CAM LIF | г | | | | | | |
| .311 INT311 EXH CLASS II. | | | | | | | |
| NOT CALIFORNIA COMPLIANT | | | | | | | |
| NOT COMPUTER COMPATIBLE | Ξ. | | | | | | |
| POWER RANGE 1700-5300 | N 10010 | | | | | | |
| Mell Lube | M-10012 | | | ND BREAK- ACES TO PF | | | |
| | | | | G ENGINE S | | | |
| | | CONTAINE | | | | 02 | |
| Hydraulic Flat Tappet Lifters | 299004 | | TORY SETTI | NG | | | |
| | 299014 | | | T ZERO LA | SH: MUST E | BE USED N | |
| | | | BLE VALVE | | , | - | |
| Hydraulic Retro-fit Roller Lifte | rs F1900RF16 | | | DR USE W/ F | RETRO-FIT | ROLLER | |
| | | CAMSHAF | Т | | | | |
| Valve Locks | 476104 | HARDENE | | | | | |
| Valve Spring with Hydraulic | 466174 | | | MTF-5] CAM | S- MACHINI | NG MAY E | |
| Lifters | 475054 | REQUIRE | | MUTH 1 1 1 2 2 2 2 | 741 000010 | 0 | |
| Valve Spring Retainers | 475054 | | | WITH [4661 CAST IRON | | | |
| Chrome Moly Push Rods | 500394 | | | VAST IRON | | | |
| | 500664 | | | MPED STE | | | |
| | 00004 | | | SPRING PF | | | |
| Guide Plates | MGP1084 | | | JST BE USE | | | |
| | | | ARM STUDS | | | | |
| | MGP1094 | | | | | | |
| | | | | | | | |
| 3pc Set | 40206 | | | HAIN, CAST | IRON CAM | | |
| | | | | | | | |
| Continued on Next Page | | | | | | | |

| Line | | | | | DUCTS & | | oontinaca) | | |
|------|---|------------------|--|----------------------|------------------------------|-----------------------|-----------------------|--|--|
| No. | Part Title 351W ENG - 1969-85 - 8 Cyl 4 | Part No. | | | Description | | | | |
| 10 | • | 4.000 Bore 351 V | | | | PPLICATI | JNS | | |
| | INCLUDES VANS) 3pc Set | 40402 | | - | 26] (3.356"L) 5] OR STOCI | | | | |
| | | | NOT FOR | ROLLER CA | MS INCLUD | ES SEAMLE | SS SOLID | | |
| | | | ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. MUST USE | | | | | | |
| | | | MF126 (3.356") THRUST PLATE WITH THIS SET. DC USE TWO PIECE FUEL PUMP ECCENTRIC WITH [44 SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISC | | | | | | |
| | | | | | | | | | |
| | | | | DRD PT # C | | | | | |
| | Oil Pump | M-83HV | | | 5% ADDL VO | | | | |
| | | | | | HAFT DESIG | N - CHECK | FOR PAN | | |
| | | 10832 | AND CRANK CLEARANCE. STANDARD VOLUME. HEAVY DUTY SHAFT SUPP PERFORMANCE VALVE AND SHAFT DESIGN. REI | | | | | | |
| | | | | | | | | | |
| | | | | | PLACED BY | | | | |
| | | | INCLUDES I/S SHAFT. MAY REQUIRE MINC MODIFICATION. | | | | | | |
| | | 10833 | | | VY DUTY SH | AFT SUPP | ORT. | | |
| | | | PERFORMANCE VALVE AND SHAFT DESIGN. RE VALVE CUP PLUG REPLACED BY SCREW IN PLU | | | | | | |
| | | | | | / IN PLUG. IOR OIL PAN | | | | |
| | | | MODIFICATION. CHECK FOR PAN AND CRANK | | | | | | |
| | Oil Dumm Drive Cheff | 10000 | CLEARAN | - | E INTERMED | | | | |
| | Oil Pump Drive Shaft | 12830 | | | | | | | |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO | | | | | | |
| | | | | | | 0 | | | |
| 11 | 351W ENG - 1969-91 - 8 Cyl 4.000 Bore 351 WINDSOR (CAR APPLICATIONS, INCLUDES MERCURY) (NOT PRODUCED 85-86) | | | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | | Degrees Lobe cntr. | Degrees Separation | | |
| | HYD. IMPROVES LOW-MID | MTF-5 | Int. Exh. 204 214 | Int. Exh. 280 290 | Int. Exh. .449 .473 | Int. Exh. 107 117 | 112 | | |
| | PERF. CHECK FOR COIL BIND. CAM LIFT .280 INT .295 EXH CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTT -5 | | 200 200 | | 107 117 | 112 | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | 04100 | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 | | |
| | USE 302 FIRING ORDER - 15426378. CLASS I. NOT CALIFORNIA COMPLIANT. NOT | 24108 | 190 202 | 258 271 | 0.412 0.437 | 106 114 | 110 | | |
| | COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24211 | 224 234 | 300 306 | .497 .520 | 107 117 | 112 | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5400. | | | | | | | | |
| | Continued on Next Page | | | | | | | | |

| Part Title | Part No. | | | Description | | | | |
|------------------------------------|----------------|---|---------------------|-------------------------|-----------------------|-----------------------|--|--|
| 351W ENG - 1969-91 - 8 Cyl 4 | 4.000 Bore 351 | WINDSOR | | ICATIONS | , INCLUDE | S | | |
| MERCURY) (NOT PRODUCED | | | • | | , | | | |
| Camshafts Using Hydraulic Flat | | Deserves | Desire | la sha sa | Designed | Desire | | |
| Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Ocparatio | | |
| CLASS II. NOT CALIFORNIA | 24225 | 219 219 | 308 308 | .467 .467 | 107 119 | 113 | | |
| COMPLIANT. NOT COMPUTER | 24223 | 213 213 | 300 300 | .407 .407 | 107 113 | 110 | | |
| COMPATIBLE. POWER RANGE | | | | | | | | |
| 1700-5200. | | | | | | | | |
| USE 302 FIRING ORDER | 24305 | 227 234 | 298 302 | .520 .520 | 107 117 | 112 | | |
| 15426378. CLASS III. NOT | 24303 | 227 204 | 230 302 | .520 .520 | 107 117 | 112 | | |
| CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| COMPUTER COMPATIBLE. | | | | | | | | |
| POWER RANGE 2200-5400. | | | | | | | | |
| Mell Lube | M-10012 | | SSEMBLY A | | | | | |
| | W-10012 | - | REVENT SC | | | | | |
| | | | | | | | | |
| | | AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | | |
| Hydraulic Flat Tappet Lifters | 299004 | | | | | | | |
| nyuraulic Flat Tappet Litters | 299004 | USE FACTORY SETTING ANTI-PUMP UP; SET AT ZERO LASH; MUST BE US ADJUSTABLE VALVE TRAIN RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLI | | | | | | |
| | 299014 | | | | | | | |
| Hydraulic Retro-fit Roller Lifters | F1900RF16 | | | | | | | |
| Hydraulic netro-lit noller Litters | FISUURFIU | CAMSHAFT HARDENED USE WITH [24225] & [MTF-5] CAMS- MACHINING MAY REQUIRED | | | | | | |
| Valve Locks | 476104 | | | | | | | |
| Valve Spring with Hydraulic | 466174 | | | | | | | |
| Lifters | 400174 | | | | | | | |
| Valve Spring Retainers | 475054 | | - MOLY- USE | WITH [4661] | 741 SPRING | S | | |
| Chrome Moly Push Rods | 500394 | | USE WITH | - | | | | |
| | | | MAX. SPRI | | | | | |
| | 500664 | | USE W/STA | | | | | |
| | | HEAT TRE | ATED MAX. | SPRING PF | ESSURE 35 | 50 LBS. | | |
| Guide Plates | MGP1084 | | " THICK- ML | | | | | |
| | | ROCKER | ARM STUDS | ; | | | | |
| | MGP1094 | FLAT-3/8" | THICK- MUS | ST BE USED | WITH SCRI | EW-IN | | |
| | | ROCKER | ARM STUDS | ; | | | | |
| Gear Drive Set | 48420 | 1982-1989 | RECOMME | NDED FOR | STREET AN | D STRIP | | |
| | | CLAIMER, | RACING EN | IGINES UP 1 | O 6,500 RP | M. 1982- | | |
| | | POLICE W | ITH ROLLE | R TYPE CHA | IN. 1972 US | E | | |
| | | STANDAR | D 1/4" THRU | JST PLATE. | SPACER CA | ST INTC | | |
| | | HUB, OLD | ER ENGINE | S DISCARD | SEPERATE | | | |
| | | CAMSHAF | T SPACER. | CAR APPLIC | CATIONS O | NLY. | | |
| | | | 6 8620 CARE | | | | | |
| | | | FON, LOCK | | | , | | |
| | | | D WITH 5 OF | | | | | |
| | | | INSERTS. | | | • • | | |
| 3pc Set | 40206 | | B ROLLER C | HAIN, CAST | IRON CAM | | | |
| -F- 24. | | | T & MULTIP | | | | | |
| | | | | _ · · _ · ···/ · | | | | |

| | | PRMANCE - FORD PRODUCTS & TRUCKS (Continued |
|------------------------------|----------------|--|
| ne o. Part Title | Part No. | Description |
| 1 351W ENG - 1969-91 - 8 Cyl | 4.000 Bore 351 | WINDSOR (CAR APPLICATIONS, INCLUDES |
| MERCURY) (NOT PRODUCED | D 85-86) | • |
| 3pc Set | 40402 | YOU MUST USE [MF126] (3.356"L) THRUST PLATE RATHER THAN [MF125] OR STOCK (3.882"L) PLATE. |
| | | NOT FOR ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & |
| | | MULTIPLE KEYWAY CRANK SPROCKET. MUST USE MF126 (3.356") THRUST PLATE WITH THIS SET. DO NOT |
| | | USE TWO PIECE FUEL PUMP ECCENTRIC WITH [40402] SET. IF ENGINE HAS TWO PIECE ECCENTRIC DISCARD |
| | | & USE ONE PIECE ECCENTRIC FORD PT # C3AZ6287B. |
| | 48520T-9 | 1969-1972 EARLY 1972 USE STANDARD 1/4" THRUST PLATE. SPACER CAST INTO SPROCKET HUB, OLDER |
| | | ENGINES DISCARD SEPERATE CAMSHAFT SPACER. RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE |
| | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ |
| | | -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST |
| | 48520W-9 | BEARINGS. 1969-1972 EARLY 1972 USE STANDARD 1/4" THRUST |
| | | PLATE. SPACER CAST INTO SPROCKET HUB, OLDER |
| | | ENGINES DISCARD SEPERATE CAMSHAFT SPACER. RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | TRACK, HOT ROD, CLAIMER ENGINES. CAR APPLICATIONS ONLY INCLUDES SEAMLESS DOUBLE |
| | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM |
| | | SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ -4° CAM ADJUSTMENT. BRONZE WASHER |
| | 48551T-9 | 1987-1989 RECOMMENDED FOR STREET AND STRIP, |
| | | CIRCLE TRACK, HOT ROD, CLAIMER ENGINES. 5.8-G W ROLLER TYPE CHAIN. INCLUDES SEAMLESS DOUBLE |
| | | ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/ |
| | | -4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST |
| 011 D | | BEARINGS. |
| Oil Pump | M-83HV | HI VOLUME PUMP (25% ADDL VOLUME OF OIL) STOCK RELIEF VALVE AND SHAFT DESIGN - CHECK FOR PAN AND CRANK CLEARANCE. |
| | 10832 | STANDARD VOLUME. HEAVY DUTY SHAFT SUPPORT. |
| | | PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. |
| | | INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN MODIFICATION. |
| | 10833 | HI VOLUME 25%. HEAVY DUTY SHAFT SUPPORT. |
| | | PERFORMANCE VALVE AND SHAFT DESIGN. RELIEF VALVE CUP PLUG REPLACED BY SCREW IN PLUG. |
| | | INCLUDES I/S SHAFT. MAY REQUIRE MINOR OIL PAN |
| | | MODIFICATION. CHECK FOR PAN AND CRANK CLEARANCE. |
| Continued on Next Page | | |

| Line | Dout Title | Dort No. | - | | Description | | | |
|------|---|------------------------------|--|----------------------------------|-----------------------------------|------------------------------------|-----------------------|--|
| No. | Part Title 351W ENG - 1969-91 - 8 Cyl 4 | Part No. 1 000 Bore 351 \ | | | Description | | \$ | |
| | MERCURY) (NOT PRODUCED | | | | | , | | |
| | Oil Pump Drive Shaft | 12830 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | |
| 12 | 351C ENG - 1970-74 - 8 Cyl 4 | .000 Bore 351 C | LEVELAN | D (INCLUD | ES MERCU | JRY) | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | HYD. IMPROVES LOW-MID PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTF-2 | Int. Exh. 204 214 | Int. Exh. 282 292 | Int. Exh. .485 .511 | Int. Exh. 106 118 | 112 | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3500-6700. | 24401 | Int. Exh. 244 254 | Int. Exh. 292 301 | Int. Exh. .569 .589 | Int. Exh. 104 108 | 106 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1300-4800. | 24111 | Int. Exh. 208 208 | Int. Exh. 284 284 | Int. Exh. .485 .485 | Int. Exh. 107 115 | 111 | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24204 | 214 224 | 292 302 | .511 .537 | 106 118 | 112 | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1900-5400. | 24224 | 219 219 | 310 310 | .505 .505 | 108 120 | 114 | |
| | Camshafts Using Hydraulic Retro-fit Roller Lifters | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4600 Continued on Next Page | 24110 | 210 211 | 298 282 | .444 .444 | 116 115 | 115 | |
| | Continuea on Next Page | | | | | | | |

| Line No. | Part Title | Part No. | Description | | | | | | |
|-------------|---|-----------|--|----------------------------------|--------------------------|--------------------------|-----------------------|--|--|
| 12 | 351C ENG - 1970-74 - 8 Cyl 4 | | | | | | | | |
| 14 | Camshafts Using Hydraulic | | | | | - | _ | | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | FOR USE WITH RETRO-FIT ROLLER LIFTER [F1900RF16] CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER BANGE | 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 | | |
| | 1700-5300 | | | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | | |
| | | | PLATES W AND GALL CONTAINE | /EAR SURF/ .ING DURING ER. | ACES TO PF G ENGINE S | REVENT SCO TART UP. 4 | oring Oz | | |
| | Torque Cam Lifter Kit | CL-MTF-2 | CLASSIH | YD. NOT CO | MPUTER C | OMPATIBLE | | | |
| | | | | S LOW-MID | | | | | |
| | | | | IIA COMPLIA | | - | - | | |
| | | | | IB-900] LIFT | | | | | |
| | | | FOR COIL BIND. USE [VS-280] SPRING W/INS | | | | | | |
| | I hadroadia Elek Tarrak Littera | 000004 | HGT. OF 1 | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299004 | | ORY SETTI | | | | | |
| | | 299014 | ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED ADJUSTABLE VALVE TRAIN | | | | | | |
| | Hydraulic Retro-fit Roller Lifters | F1900RF16 | | T LIFTER FO | | | | | |
| | Hydraulic Hero-III Holler Litters | FISUUNFIU | | | | | IOLLLII | | |
| | Valve Locks | 476104 | CAMSHAFT HARDENED | | | | | | |
| | Valve Spring with Mechanical | 466154 | | | SE WITH [24 | 4011 CAM. N | ACHINING | | |
| | Lifters | 100101 | 1970-1974 OUTER - USE WITH [24401] CAM. MACHIN MAY BE REQUIRED 1970-1974 INNER - USE WITH [24401] CAM. MACHINI | | | | | | |
| | | 466164 | | | | | | | |
| | | | MAY BE R | | • | - | | | |
| | Valve Spring with Hydraulic | VS-280 | USE W/ [M | TF-2] CAMS | HAFT; INST | ALLED HGT | . OF 1.82 | | |
| | Lifters | | | NG MAY BE | | | | | |
| | | 466224 | | [24204], [M | rf-2], [24224 |] CAMS. MA | CHINING | | |
| | | | MAY BE R | | | | | | |
| | Valve Spring Retainers | 475114 | | MOLY - USE | | - | | | |
| | Chrome Moly Push Rods | 500424 | 350 LBS. | ATED EXC. | | | | | |
| | | 500434 | | HEAT TREA | TED - BOS | S MAX. SPR | ING | | |
| | | | | E 350 LBS. | | | | | |
| | Guide Plates | MGP1104 | | 8" THICK- M ARM STUDS | | ED WITH SC | REW-IN | | |
| | | MGP1114 | RAISED-5/ | 16" THICK- | MUST BE US | SED WITH S | CREW-IN | | |
| | | | ROCKER ARM STUDS | | | | | | |
| | 3pc Set | 40405 | NOT FOR USE WITH ROLLER CAMS INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM | | | | | | |
| | | | | | | | | | |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR | | | | | | |
| | Oil Pump | M-84AHV | PAN AND | CRANK CLE | ARANCE. | - | | | |
| | Oil Pump Drive Shaft | 12844 | PERFORMANCE TYPE INTERMEDIATE SHAFT. H | | | | | | |
| | | | STRENGTH (150,000 PSI) CHROME MOLY S | | | | | | |
| | | | | O SHAFT RE | | IICH LOCKS | ONTO | | |
| | | | THE OIL P | UMP DRIVE | SHAFT | | | | |

| Line | | | , | | | | |
|------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| No. | Part Title 351M ENG - 1975-81 - 8 Cyl 4 | Part No. | | | | | |
| 15 | Torque Camshaft | | T T | | | | , í |
| | l'orque eumenant | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | ooparation |
| | HYD. IMPROVES LOW-MID | MTF-2 | 204 214 | 282 292 | .485 .511 | 106 118 | 112 |
| | PERF. CHECK FOR COIL BIND. | | | | | | |
| | USE [VS-280] SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.82. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1200-4700. Camshafts Using Mechanical | | _ | | | | |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | CLASS IV. NOT CALIFORNIA | 24401 | 244 254 | 292 301 | .569 .589 | 104 108 | 106 |
| | COMPLIANT. NOT COMPUTER | - | _ | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3500-6700. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS I. NOT CALIFORNIA | 24111 | 208 208 | 284 284 | .485 .485 | 107 115 | 111 |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | |
| | 1300-4800. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24204 | 214 224 | 292 302 | .511 .537 | 106 118 | 112 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24224 | 219 219 | 310 310 | .505 .505 | 108 120 | 114 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 1900-5400. | | | | | | |
| | Camshafts Using Hydraulic | | | | | | |
| | Retro-fit Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | - | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 24110 | 210 211 | 298 282 | .444 .444 | 116 115 | 115 |
| | ROLLER LIFTER [F1900RF16] | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1200-4600 FOR USE WITH RETRO-FIT | 24214 | 219 219 | 285 285 | .498 .498 | 110 110 | 110 |
| | ROLLER LIFTER [F1900RF16] | 24214 | 213 213 | 200 200 | .430 .490 | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5300 | | | | | | |
| | Continued on Next Page | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|------------------------------------|-----------|---|
| 13 | | | ADDIFIED (INCLUDES MERCURY AND LINCOLN) |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | Torque Cam Lifter Kit | CL-MTF-2 | CLASS I NOT COMPUTER COMPATIBLE. IMPROVES |
| | | | LOW-MID PERF. USE [VS-280]. NOT CALIFORNIA |
| | | | COMPLIANT. KIT INCLUDES 1-[MTF-2] CAM, 16-[JB-900] |
| | | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. |
| | | | USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 |
| | Hydraulic Flat Tappet Lifters | 299004 | USE FACTORY SETTING |
| | | 299014 | ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED W/ |
| | | | |
| | Hydraulic Retro-fit Roller Lifters | F1900RF16 | RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER |
| | Valve Locks | 476104 | CAMSHAFT HARDENED |
| | Valve Spring with Mechanical | 466154 | OUTER - USE WITH [24401] CAM. MACHINING MAY BE |
| | Lifters | 400154 | REQUIRED |
| | LIIICIS | 466164 | INNER - USE WITH [24401] CAM. MACHINING MAY BE |
| | | 400104 | REQUIRED |
| | Valve Spring with Hydraulic | VS-280 | USE W/ [MTF-2] CAMSHAFT; INSTALLED HGT. OF 1.82 |
| | Lifters | | (MACHINING MAY BE REQUIRED) |
| | | 466224 | USE WITH [24204], [MTF-2], [24224] CAMS. MACHINING |
| | | | MAY BE REQUIRED |
| | Valve Spring Retainers | 475054 | 1979-1979 INTAKE AND EXHAUST. CHROME MOLY. USE |
| | | | WITH [466154], [466164] SPRINGS |
| | | 475054 | 1978-1978 EXHAUST ONLY. CHROME MOLY. USE WITH |
| | | | [466154], [466164] SPRINGS |
| | | 475064 | 1978-1978 INTAKE ONLY. CHROME MOLY. USE WITH |
| | | | [466154], [466164] SPRINGS |
| | | 475064 | 1975-1977 INTAKE AND EXHAUST. CHROME MOLY. USE |
| | | NOD4404 | WITH [466154], [466164] SPRINGS |
| | Guide Plates | MGP1104 | RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN ROCKER ARM STUDS |
| | | MGP1114 | RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN |
| | | MGP1114 | ROCKER ARM STUDS |
| | 3pc Set | 40405 | NOT FOR USE WITH ROLLER CAMS INCLUDES |
| | | 10100 | SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| | Oil Pump | M-84AHV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR |
| | · | | PAN AND CRANK CLEARANCE. |
| | Oil Pump Drive Shaft | 12844 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |

| Line No. | Part Title | Part No. | Description | | | | | | |
|-------------|--|----------|--|----------------------|----------------------|-----------------------|-----------------------|--|--|
| 14 | 352 ENG - 1958-67 - 8 Cyl 4.0 | | | | Description | | | | |
| | Torque Camshaft | | _ | _ | | | | | |
| | lorque damonant | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | 1963-1967 HYD. IMPROVES | MTF-4 | 204 214 | 282 292 | .485 .511 | 104 120 | 112 | | |
| | LOW-MID. PERF. CHECK FOR | | | | | | | | |
| | COIL BIND. CLASS I. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1200-4700. | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | 04005 | Int. Exh. | Int. Exh. 292 302 | Int. Exh. | Int. Exh. | 110 | | |
| | 1963-1967 CLASS II. NOT CALIFORNIA COMPLIANT. NOT | 24205 | 214 224 | 292 302 | .511 .537 | 104 120 | 112 | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | | | |
| ł | 1963-1967 CLASS II. NOT | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | | | |
| | 1963-1967 CLASS III. NOT | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 2500-6000. | M-10012 | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING | | | | | | |
| | | | | | G ENGINE S | | | | |
| | | | CONTAINE | | | | 02 | | |
| ľ | Torque Cam Lifter Kit | CL-MTF-4 | 1963-1967 | CLASS I HY | D. NOT COI | MPUTER | | | |
| | | | | | VES LOW-M | | | | |
| | | | | | ANT. KIT INC | - | - | | |
| | | | · • | - | TERS & 4OZ | | | | |
| | | | | | [VS-280] SP | RING W/INS | TALLED | | |
| | Mechanical Flat Tappet Lifters | 298724 | HGT. OF 1 | .82 | | | | | |
| | Hydraulic Flat Tappet Lifters | 290834 | | | | | | | |
| Ì | Valve Locks | 473004 | HARDENE | D 2 GROOV | ΈS | | | | |
| | Valve Spring with Hydraulic | 466224 | | | 302], [MTF-4 | 1] CAMS. MA | ACHINING | | |
| | Lifters | | MAY BE R | | | | | | |
| | Valve Spring Retainers | 475084 | | | | | 4] SPRINGS | | |
| | Chrome Moly Push Rods | 500064 | | E 350 LBS. | IANICAL LIF | TERS MAX. | SPRING | | |
| | | 500074 | | | | SE WITH | | | |
| | | 500074 | WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 | | | | | | |
| | | | LBS. | | | | | | |
| ł | 3pc Set | 40204 | - | TRUCK API | PLICATIONS | | UDES | | |
| | - | | | | IRON CAM | | | | |
| | | | | | RANK SPRO | | | | |
| Ī | | 40204 | | | CATIONS O | | | | |
| | | | | | IRON CAM | | Γ& | | |
| | | | MULTIPLE | KEYWAY C | RANK SPRO | DCKET | | | |
| | Continued on Next Page | | | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | | | |
|-------------|---|----------------|--|--------------------------|---------------------------------------|--------------------------|-----------------------|--|--|
| 14 | 352 ENG - 1958-67 - 8 Cyl 4.0 | 00 Bore | | | | | | | |
| | 3pc Set | 40410 | SEAMLES | S SOLID RO | CATIONS OI LLER CHAIN LE KEYWAY | I, CAST IRC | N CAM | | |
| | | 40410 | 1965-1967 SEAMLES | TRUCK APP S SOLID RO | PLICATIONS | ONLY INCL I, CAST IRC | UDES N CAM | | |
| | Oil Pump | M-57HV | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR PAN AND CRANK CLEARANCE. | | | | | | |
| | Oil Pump Drive Shaft | 12600 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | |
| 15 | 360 ENG - 1968-76 - 8 Cyl 4.0 | 50 Bore BIG BL | ОСК | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTF-4 | Int. Exh. 204 214 | Int. Exh. 282 292 | Int. Exh. .485 .511 | Int. Exh. 104 120 | 112 | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24205 | Int. Exh. 214 224 | Int. Exh. 292 302 | Int. Exh. .511 .537 | Int. Exh. 104 120 | 112 | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | |
| | Mell Lube | M-10012 | PLATES W | /EAR SURF/ ING DURING | ND BREAK- ACES TO PF G ENGINE S | EVENT SCO | ORING | | |
| | Torque Cam Lifter Kit | CL-MTF-4 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 | | | | | | |
| | Mechanical Flat Tappet Lifters | 298724 | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 290834 | | | | | | | |
| | Valve Locks | 473004 | | D 2 GROOV | | | | | |
| | Valve Spring with Hydraulic Lifters | 466224 | USE WITH MAY BE R | | 302], [MTF-4 |] CAMS. MA | CHINING | | |
| | Valve Spring Retainers | 475084 | CHROME | MOLY - USE | WITH [4662 | 24] SPRING | S | | |
| | Continued on Next Page | | | | | | | | |

| Part Title | Part No. | | | Description | | | | | |
|---|----------------------------|--|--------------------------|---|-----------------------|----------------------|--|--|--|
| 360 ENG - 1968-76 - 8 Cyl 4.0 | 50 Bore BIG BL | ОСК | | | | | | | |
| Chrome Moly Push Rods | 500064 | FOR USE | WITH MECH E 350 LBS. | IANICAL LIF | TERS MAX. | SPRING | | | |
| | 500074 | WITH DEE | P SHELL TY | PE - FOR U | SE WITH | | | | |
| | | MECHANIO LBS. | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | | |
| 3pc Set | 40204 | | BROLLER C | HAIN, CAST | IRON CAM | | | | |
| • | | | | LE KEYWAY | | | | | |
| | 40410 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST | | | | | | | |
| | | | | T & MULTIPL | E KEYWAY | CRANK | | | |
| Oil Pump | M-57HV | SPROCKET HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR | | | | | | | |
| | WI-5711V | | CRANK CLE | | OIL). OI ILC | | | | |
| Oil Pump Drive Shaft | 12600 | PERFORM | IANCE TYPE | | IATE SHAF | T. HIGH | | | |
| | | | • • | PSI) CHROM | | | | | |
| | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | | |
| 390 ENG - 1961-76 - 8 Cyl 4.0 | | | | SHAFT | | | | | |
| Torque Camshaft | SU BORE (INCLU | | , | | _ | _ | | | |
| | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separatio | | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| HYD. IMPROVES LOW-MID. | MTF-4 | 204 214 | 282 292 | .485 .511 | 104 120 | 112 | | | |
| PERF. CHECK FOR COIL BIND. | | | | | | | | | |
| CLASS I. NOT CALIFORNIA | | | | | | | | | |
| COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | | | | |
| 1200-4700. | | | | | | | | | |
| Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separatio | | | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | 24205 | 214 224 | 292 302 | .511 .537 | 104 120 | 112 | | | |
| COMPATIBLE. POWER RANGE | | | | | | | | | |
| 1700-5200. | | | | | | | | | |
| CLASS II. NOT CALIFORNIA | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | | |
| COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | | | | | | | | | |
| 2200-5700. | | | | | | | | | |
| CLASS III. NOT CALIFORNIA | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | | | |
| 2500-6000. Mell Lube | M-10012 | | | ND BREAK- | | NT | | | |
| | | - | | ACES TO PF | | | | | |
| | | | | G ENGINE S | | | | | |
| | | CONTAINE | | | | | | | |
| | CL-MTF-4 | | | OMPUTER C | | | | | |
| Torque Cam Lifter Kit | | IMPROVES LOW-MID PERF. C NOT CALIFORNIA | | | | | | | |
| Torque Cam Lifter Kit | | - | | COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-20 LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. | | | | | |
| Torque Cam Lifter Kit | | COMPLIAN | NT. KIT INCL | - | - | - | | | |
| Torque Cam Lifter Kit | | COMPLIAN | NT. KIT INCL 40Z MELL | LUBE. CHE | CK FOR CO | IL BIND. | | | |
| Torque Cam Lifter Kit Mechanical Flat Tappet Lifters | 298724 | COMPLIAN | NT. KIT INCL 40Z MELL | - | CK FOR CO | IL BIND. | | | |
| | 298724 290834 473004 | COMPLIAN LIFTERS 8 USE [VS-2 | NT. KIT INCL 40Z MELL | LUBE. CHEC W/INSTALL | CK FOR CO | IL BIND. | | | |

| Line | | PERFUI | | | | | continued) | | | |
|------|---|----------------|---|---------------------|----------------------|-----------------------|-----------------------|--|--|--|
| No. | Part Title | Part No. | | | Description | | | | | |
| 16 | 390 ENG - 1961-76 - 8 Cyl 4.0 | 50 Bore (INCLU | IDES MER | CURY) | | | | | | |
| | Valve Spring with Hydraulic | 466224 | USE WITH | [24205], [24 | 302], [MTF-4 |] CAMS. MA | CHINING | | | |
| | Lifters | | MAY BE R | | | | | | | |
| | Valve Spring Retainers | 475084 | | | WITH [4662 | | | | | |
| | Chrome Moly Push Rods | 500064 | | | IANICAL LIF | TERS MAX. | SPRING | | | |
| | | | PRESSURE 350 LBS. | | | | | | | |
| | | 500074 | | | PE - FOR U | | | | | |
| | | | | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | | |
| | | | LBS. | | | | | | | |
| | 3pc Set | 40204 | | | HAIN, CAST | | DOOKET | | | |
| | | 40.440 | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST | | | | | | | |
| | | 40410 | | | | | , | | | |
| | | | | | T & MULTIPI | | CRAINK | | | |
| | Oil Duran | M-57HV | SPROCKE | | DDL VOL OF | | | | | |
| | Oil Pump | | | CRANK CLE | | OIL). CHEC | r run | | | |
| | Oil Pump Drive Shaft | 12600 | | | E INTERMED | | тнісн | | | |
| | On Fullip Drive Shart | 12000 | | | PSI) CHROM | | | | | |
| | | | | · · · | | | | | | |
| | | | _ | | | | | | | |
| 17 | 400 ENG - 1071-92 - 9 Cyl - 4 (| 00 Boro (INCLU | | | | | | | | |
| | 400 ENG - 1971-82 - 8 Cyl 4.000 Bore (INCLUDES MERCURY AND LINCOLN) Torque Camshaft Degrees Degrees Degrees Degrees | | | | | | | | | |
| | Torque Camsnan | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | | MTEO | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 | | | |
| | HYD. IMPROVES LOW-MID | MTF-2 | 204 214 | 282 292 | .485 .511 | 106 118 | 112 | | | |
| | PERF. CHECK FOR COIL BIND. | | | | | | | | | |
| | USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. | | | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 1200-4700. | | | | | | | | | |
| | Camshafts Using Mechanical | | | | | | | | | |
| | Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation | | | |
| | CLASS IV. NOT CALIFORNIA | 24401 | 244 254 | 292 301 | .569 .589 | 104 108 | 106 | | | |
| | COMPLIANT. NOT COMPUTER | 24401 | 244 254 | 292 301 | .509 .509 | 104 108 | 100 | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 3500-6700. | | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Deers | Dearra | | Dearra | Deguard | | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Joparation | | | |
| | CLASS I. NOT CALIFORNIA | 24111 | 208 208 | 284 284 | .485 .485 | 107 115 | 111 | | | |
| | COMPLIANT. NOT COMPUTER | | 200 200 | | | 107 110 | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 1300-4800. | | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24204 | 214 224 | 292 302 | .511 .537 | 106 118 | 112 | | | |
| | COMPLIANT. NOT COMPUTER | | | 202 002 | | 100 110 | 112 | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 1700-5200. | | | | | | | | | |
| | Continued on Next Page | | | | | | | | | |
| | | | | | | | | | | |

| | Part Title | Part No. | Description | | | | | | | |
|---|---|-----------|---|---|-------------|-------------|-----------|--|--|--|
| | 400 ENG - 1971-82 - 8 Cyl 4.000 Bore (INCLUDES MERCURY AND LINCOLN) | | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separatio | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | CLASS II. NOT CALIFORNIA | 24224 | 219 219 | 310 310 | .505 .505 | 108 120 | 114 | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 1900-5400. | | | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCO | | | | | | | |
| | | | AND GALLING DURING ENGINE START UP. | | | | | | | |
| | | | CONTAINER. | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTF-2 | | YD. NOT CO | | | | | | |
| | | | | S LOW-MID | | | | | | |
| | | | | IIA COMPLI | | - | - | | | |
| | | | | JB-900] LIFT | | | | | | |
| | | | FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED | | | | | | | |
| | | | HGT. OF 1.82 | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299004 | | USE FACTORY SETTING ANTI-PUMP UP; SET AT ZERO LASH; MUST BE USED | | | | | | |
| | | 299014 | | | | SH; MUST E | E USED \ | | | |
| | | | | BLE VALVE | | | | | | |
| | Hydraulic Retro-fit Roller Lifters | F1900RF16 | | T LIFTER FO | DR USE W/ F | RETRO-FIT I | ROLLER | | | |
| | | | CAMSHAF | | | | | | | |
| | Valve Locks | 472004 | 1978-1979 | | | | | | | |
| | <u></u> | 476704 | 1978-1979 | | 44041 0 444 | | | | | |
| | Valve Spring with Mechanical | 466154 | | JSE WITH [2 | 4401] CAM. | MACHINING | i MAY BE | | | |
| | Lifters | 400104 | REQUIRED INNER - USE WITH [24401] CAM. MACHINING MAY B | | | | | | | |
| | | 466164 | REQUIRED | | | | | | | |
| - | Valve Spring with Hydraulic | VS-280 | USE W/ [MTF-2] CAMSHAFT; INSTALLED HGT. OF 1.82 | | | | | | | |
| | Lifters | V3-20U | (MACHINING MAY BE REQUIRED) | | | | | | | |
| | Lillers | 466224 | USE WITH [24204], [MTF-2], [24224] CAMS. MACHINI | | | | | | | |
| | | 400224 | MAY BE REQUIRED | | | | | | | |
| | Valve Spring Retainers | 475054 | 1978-1978 EXHAUST ONLY. CHROME MOLY. USE | | | | | | | |
| | valve opring netalliers | 475054 | [466154], [466164] SPRINGS | | | | | | | |
| | | 475054 | 1979-1979 INTAKE AND EXHAUST. CHROME MOLY. U | | | | | | | |
| | | 110001 | WITH [466154], [466164] SPRINGS | | | | | | | |
| | | 475064 | 1978-1978 INTAKE ONLY. CHROME MOLY. USE WITI | | | | | | | |
| | | | [466154], [466164] SPRINGS | | | | | | | |
| | | 475064 | 1975-1977 INTAKE AND EXHAUST. CHROME MOLY | | | | | | | |
| | | | WITH [466154], [466164] SPRINGS | | | | | | | |
| - | 3pc Set | 40405 | NOT FOR USE WITH ROLLER CAMS INCLUDES | | | | | | | |
| | | | SEAMLESS SOLID ROLLER CHAIN, CAST IRON CA | | | | | | | |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKE | | | | | | | |
| | Oil Pump | M-84AHV | HI VOL PUMP (25% ADDL VOL OF OIL). CHECK FO | | | | | | | |
| | · | | PAN AND CRANK CLEARANCE. | | | | | | | |
| | Oil Pump Drive Shaft | 12844 | PERFORMANCE TYPE INTERMEDIATE SHAFT | | | | | | | |
| | • | | STRENGTH (150,000 PSI) CHROME MOLY S | | | | | | | |
| | | | | D SHAFT RE | , | | | | | |
| | | | | | | | | | | |

| ne D. | Part Title | Part No. | Description | | | | | | | |
|----------|---|------------------|---|---|----------------|----------------------------|------------|--|--|--|
| 8 | 406 ENG - 1962-63 - 8 Cyl 4.1 | 30 Bore | | | • | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | · | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | HYD. IMPROVES LOW-MID. | MTF-4 | 204 214 | 282 292 | .485 .511 | 104 120 | 112 | | | |
| | PERF. CHECK FOR COIL BIND. | | | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 1200-4700. | | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | CLASS II. NOT CALIFORNIA | 24205 | 214 224 | 292 302 | .511 .537 | 104 120 | 112 | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| Ļ | 1700-5200. | | | | | | | | | |
| | CLASS II. NOT CALIFORNIA | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | | |
| ┝ | 2200-5700. CLASS III. NOT CALIFORNIA | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | | |
| | COMPLIANT. NOT CALIFORNIA | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | | |
| | COMPETIANT: NOT COMPOTER COMPATIBLE. POWER RANGE | | | | | | | | | |
| | 2500-6000. | | | | | | | | | |
| ł | Mell Lube | M-10012 | ENGINE A | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORIN AND GALLING DURING ENGINE START UP. 40Z | | | | | | | |
| | | | | | | | | | | |
| | | | CONTAINE | ER. | | | | | | |
| | Torque Cam Lifter Kit | CL-MTF-4 | CLASSIH | YD. NOT CO | OMPUTER C | OMPATIBLE. | | | | |
| | | | IMPROVES LOW-MID PERF. NOT CALIFOR | | | | | | | |
| | | | | | , 16-[JB-2083] | | | | | |
| | | | | CK FOR COIL BIND. | | | | | | |
| | | 000704 | USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 | | | | | | | |
| ŀ | Mechanical Flat Tappet Lifters | 298724 290834 | | | | | | | | |
| ŀ | Hydraulic Flat Tappet Lifters Valve Locks | 473004 | HARDENED 2 GROOVES | | | | | | | |
| ł | Valve Spring with Hydraulic | 466224 | USE WITH [24205], [24302], [MTF-4] CAMS. MACHINING | | | | | | | |
| | Lifters | | MAY BE REQUIRED | | | | | | | |
| ŀ | Valve Spring Retainers | 475084 | CHROME MOLY - USE WITH [466224] SPRINGS | | | | | | | |
| ŀ | Chrome Moly Push Rods | 500064 | | | - | IANICAL LIFTERS MAX.SPRING | | | | |
| | - | | | E 350 LBS. | | | | | | |
| ſ | | 500074 | WITH DEEP SHELL TYPE - F | | | USE WITH | | | | |
| | | | | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | | |
| | | | LBS. | | | | | | | |
| | 3pc Set | 40204 | 1963-1963 INCLUDES ROLLER CHAIN, CAST IRON C | | | | | | | |
| | | | SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | | | |
| | | 40410 | | | SEAMLESS | | | | | |
| | | | | | AM SPROCK | KET & MULT | IPLE | | | |
| ╞ | | MCZUD | | | | | | | | |
| ŀ | Oil Pump | M-57HP | HI PRESSURE OIL PUMP | | | | | | | |
| | Continued on Next Page | | | | | | | | | |

| Line | | | , | | | | | | | |
|------|---|----------|---|-----------|------------|------------|-----------------------|--|--|--|
| No. | | | | | | | | | | |
| 18 | 406 ENG - 1962-63 - 8 Cyl 4.130 Bore | | | | | | | | | |
| | Oil Pump Drive Shaft | 12600 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | | |
| 19 | 427 ENG - 1963-68 - 8 Cyl 4.233 Bore (INCLUDES MERCURY) | | | | | | | | | |
| | Taumus Oamakat | | | | | | | | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Degrees Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. CLASS I. NOT CALIFORNIA | MTF-4 | 204 214 | 282 292 | .485 .511 | 104 120 | 112 | | | |
| | COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24205 | 214 224 | 292 302 | .511 .537 | 104 120 | 112 | | | |
| | CLASS II. NOT CALIFORNIA | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5700. | | | | | | | | | |
| | CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2500-6000. | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTF-4 | CLASS I HYD. NOT COMPUTER COMPATIBLE. | | | | | | | |
| | | | IMPROVES LOW-MID PERF. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTF-4] CAM, 16-[JB-2083] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 | | | | | | | |
| | Mechanical Flat Tappet Lifters | 298724 | | | | | | | | |
| | Hydraulic Flat Tappet Lifters | 290834 | | | | | | | | |
| | Valve Locks | 473004 | | | | | | | | |
| | Valve Spring with Hydraulic Lifters | 466224 | USE WITH [24205], [24302], [MTF-4] | | | | | | | |
| | Valve Spring Retainers | 475084 | MAY BE REQUIRED CHROME MOLY - USE WITH [466224] SPRINGS | | | | | | | |
| | Chrome Moly Push Rods | 500064 | FOR USE WITH MECHANICAL LIFTERS MAX.SPRING PRESSURE 350 LBS. | | | | | | | |
| | | 500074 | WITH DEEP SHELL TYPE - FOR USE WITH MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 LBS. | | | | | | | |
| | 3pc Set | 40204 | INCLUDES ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | | | |
| | Continued on Next Page | | | | | | | | | |

| | Part Title | Part No. | Description | | | | | | |
|---|--|-----------|--|---------------------|----------------------|-----------------------|-----------------------|--|--|
| | 427 ENG - 1963-68 - 8 Cyl 4.233 Bore (INCLUDES MERCURY) | | | | | | | | |
| | 3pc Set 40410 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST | | | | | | | | |
| | | | | | T & MULTIPL | | | | |
| | | | SPROCKET | | | | | | |
| | Oil Pump | M-57HP | HI PRESS | URE OIL PU | MP | | | | |
| | Oil Pump Drive Shaft | 12600 | PERFORM | IANCE TYPE | E INTERMED | IATE SHAF | T. HIGH | | |
| | • | | STRENGT | E MOLY ST | EEL. | | | | |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO THE OIL PUMP DRIVE SHAFT | | | | | | |
| | | | | | | | | | |
| | 428 ENG - 1966-70 - 8 Cyl 4.130 Bore (INCLUDES MERCURY) | | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | - | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | HYD. IMPROVES LOW-MID. | MTF-4 | 204 214 | 282 292 | .485 .511 | 104 120 | 112 | | |
| | PERF. CHECK FOR COIL BIND. | · · · · · | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1200-4700. | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Dearcas | Dearcas | Inches | Dearcas | Dearcas | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | - F F | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | - Copulation | | |
| | CLASS II. NOT CALIFORNIA | 24205 | 214 224 | 292 302 | .511 .537 | 104 120 | 112 | | |
| | COMPLIANT. NOT COMPUTER | 24203 | 214 224 | 292 302 | .511 .557 | 104 120 | 112 | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | | | | | | | | | |
| _ | | 04010 | 004 004 | 015 015 | 506 506 | 100 115 | 112 | | |
| | CLASS II. NOT CALIFORNIA | 24218 | 224 224 | 315 315 | .506 .506 | 109 115 | 112 | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| _ | 2200-5700. | | | | | | 400 | | |
| | CLASS III. NOT CALIFORNIA | 24302 | 230 230 | 304 304 | .554 .554 | 107 111 | 109 | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| - | 2500-6000. | | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICAN PLATES WEAR SURFACES TO PREVENT SCOP | | | | | | |
| | | | | | | | | | |
| | | | | | G ENGINE S | IARI UP. 4 | UΖ | | |
| | T | | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTF-4 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. NOT CALIFORNIA | | | | | | |
| | | | | | | | | | |
| | | | | | UDES 1-[MT | | - | | |
| | | | LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND | | | | | | |
| | | | USE [VS-280] SPRING W/INSTALLED HGT. OF 1.82 | | | | | | |
| _ | Mechanical Flat Tappet Lifters | 298724 | | | | | | | |
| _ | Hydraulic Flat Tappet Lifters | 290834 | | | | | | | |
| _ | Valve Locks | 473004 | HARDENED 2 GROOVES | | | | | | |
| | Valve Spring with Hydraulic | 466224 | USE WITH [24205], [24302], [MTF-4] CAMS. MACHININ | | | | | | |
| _ | Lifters | 475004 | | | | | | | |
| | Valve Spring Retainers | 475084 | CHROME MOLY - USE WITH [466224] SPRINGS | | | | | | |
| | Chrome Moly Push Rods | 500064 | FOR USE WITH MECHANICAL LIFTERS MAX.SPRING PRESSURE 350 LBS. | | | | | | |
| | | 500074 | WITH DEEP SHELL TYPE - FOR USE WITH | | | | | | |
| | | | MECHANICAL LIFTERS MAX. SPRING PRESSURE 350 | | | | | | |
| | | | MECHANI | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | |
| | | | MECHANIC | CAL LIFTER | S MAX. SPR | ING PRESS | URE 350 | | |

PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|--|----------------|--|---------------------|----------------------|-----------------------|-----------------------|--|
| 20 | 428 ENG - 1966-70 - 8 Cyl 4.1 | | DES MER | | | | | |
| | 3pc Set | 40204 | | | HAIN, CAST | IRON CAM | | |
| | | | | | LE KEYWAY | | ROCKET | |
| | | 40410 | INCLUDES | SEAMLES | SOLID ROI | LER CHAIN | I, CAST | |
| | | | IRON CAM | I SPROCKE | T & MULTIPL | E KEYWAY | CRANK | |
| | | | SPROCKE | Т | | | | |
| | Oil Pump | M-57B | 1969-1970 | COBRA JET | FAND SUPE | R COBRA J | ET | |
| | | M-57HV | EXCLUDE | S COBRA JE | ET AND SUP | ER COBRA | JET HI | |
| | | | VOL PUMP (25% ADDL VOL OF OIL). CHECK FOR PA AND CRANK CLEARANCE. | | | | | |
| | Oil Pump Drive Shaft | 12600 | 2600 PERFORMANCE TYPE I | | | | T. HIGH | |
| | | | STRENGT | H (150,000 F | SI) CHROM | E MOLY ST | EEL. | |
| | | | IMPROVE | D SHAFT RE | TAINER WH | IICH LOCKS | ONTO | |
| | | | THE OIL P | UMP DRIVE | SHAFT | | | |
| 21 | 429 ENG- 1968-73 - 8 Cyl 4.3 | 60 Bore (INCLU | DES MERC | URY AND | LINCOLN (| CARS AND |) | |
| | RANCHERO) | - | | | | | · | |
| | Torque Camshaft | | Degrade | Degrado | Inches | Dogrado | Degrees | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | HYD. IMPROVES LOW-MID. | MTF-3 | 204 214 | 282 292 | .485 .512 | 107 117 | 112 | |
| | PERF. CHECK FOR COIL BIND. | _ | | | | | | |
| | USE [VS-280] SPRING W/ | | | | | | | |
| | INSTALLED HGT. OF 1.82. | | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1200-4700. | | | | | | | |
| | Camshafts Using Mechanical | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | Flat Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | CLASS IV. NOT CALIFORNIA | 24406 | 244 254 | 294 304 | .588 .614 | 107 117 | 112 | |
| | COMPLIANT. NOT COMPUTER | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1700-5200. Camshafts Using Hydraulic Flat | | _ | _ | | | _ | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation | |
| | CLASS II. NOT CALIFORNIA | 24206 | 214 224 | 292 302 | .511 .544 | 107 117 | 112 | |
| | COMPLIANT. NOT COMPUTER | 24200 | | 202 002 | .511 .544 | 107 117 | 112 | |
| | COMPATIBLE. POWER RANGE | | | | | | | |
| | 1450-4900. | | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | |
| | | | PLATES W | /EAR SURF/ | ACES TO PF | EVENT SC | ORING | |
| | | | AND GALL | ING DURIN | G ENGINE S | TART UP. 4 | oz | |
| | | | CONTAINE | ER. | | | | |
| | Torque Cam Lifter Kit | CL-MTF-3 | | | MPUTER C | | | |
| | | | | | PERF. USE | | | |
| | | | | | ANT. KIT INC | - | - | |
| | | | | - | ERS & 4OZ I | | | |
| | | | | | [VS-280] SPI | RING W/INS | TALLED | |
| | | | HGT. OF 1 | | | | | |
| | Hydraulic Flat Tappet Lifters | JB-900 | FOR USE | WITH [MTF- | 3] CAMSHAF | ·ľ | | |
| | Continued on Next Page | | | | | | | |

| ne o. | Part Title | Part No. | Description |
|----------|-------------------------------|-----------|---|
| 1 | | | IDES MERCURY AND LINCOLN CARS AND |
| | RANCHERO) | , | |
| | Hydraulic Flat Tappet Lifters | 299004 | NOT FOR USE W/ [MTF-3] CAMSHAFT USE FACTORY |
| | | | SETTING |
| | | 299014 | NOT FOR USE W/ [MTF-3] CAMSHAFT ANTI-PUMP UP; |
| | | | SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE |
| | | | VALVE TRAIN |
| | Valve Spring with Hydraulic | VS-280 | USE W/ [MTF-3] CAMSHAFT; INSTALLED HGT. OF 1.82 |
| | Lifters | | (MACHINING MAY BE REQUIRED) |
| | Guide Plates | MGP1124 | RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS |
| | | MGP1134 | RAISED-5/16" THICK- MUST BE USED WITH SCREW-II |
| | | | ROCKER ARM STUDS |
| | Gear Drive Set | 48430 | 1972-1973 RECOMMENDED FOR STREET AND STRIP |
| | | | CLAIMER, RACING ENGINES UP TO 6,500 RPM. |
| | | | STANDARD 429. SPACER CAST INTO SPROCKET HUI |
| | | | OLDER ENGINES DISCARD SEPERATE CAMSHAFT |
| | | | SPACER INCLUDES 8620 CARBURIZED STEEL GEARS |
| | | | ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. |
| | | | ADJUST WITH OPTIONAL 5 COLOR CODED DOWEL P |
| | | | HOLE INSERTS. |
| | 3pc Set | 40403 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST |
| | | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 48530T-9 | 1972-1973 RECOMMENDED FOR STREET AND STRIP |
| | | | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES |
| | | | INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250 |
| | | | ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWA |
| | | | CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. |
| | | | PRESS FIT ROLLER THRUST BEARINGS. |
| | Oil Pump | M-84B | 1969-1970 (HIGH PRESSURE PUMP) SPECIAL |
| | | | REQUIRES BOLT ON SCREEN |
| | | M-84B | 1970-1972 (HIGH PRESSURE PUMP) (1971-72 POLICE |
| | | | 1970-71 COBRA JET, SUPER COBRA JET) REQUIRES |
| | | | BOLT ON SCREEN |
| | | M-84BHV-S | EXCLUDING POLICE, COBRA JET, SUPER COBRA JET |
| | | | USE W/OIL PAN DEPTH OF 8 1/4". MAY REQUIRE |
| | | | MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-259 |
| | | | ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES |
| | | | BOLT ON PICKUP ASSY. CHECK FOR PAN AND CRAN |
| | | | CLEARANCE. |
| | | M-84EHV-S | 1970-1973 POLICE, COBRA JET, SUPER COBRA JET- |
| | | | USE W/OIL PAN DEPTH OF 8 5/8" - MAY REQUIRE |
| | | | MINOR MODIFICATION OF OIL PAN HI VOL PUMP-259 |
| | | | ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES |
| | | | BOLT ON PICKUP ASSY. CHECK FOR PAN AND CRAN |
| | | | CLEARANCE. |
| | Oil Pump Drive Shaft | 12840 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |

PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)

| Line | | | | | | | |
|------|--|------------------|------------------------------------|--|--|--|------------------------|
| No. | Part Title | Part No. | | | Description | | |
| 22 | 429 ENG - 1980-98 - 8 Cyl 4.3 | | , | | | | |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURIN(=B | ACES TO PF | REVENT SCO | ORING |
| | Oil Pump | M-84DHV | HI VOL PU | IMP-25% AD | | | |
| | <u> </u> | | PUMP. CH | ECK FOR P | AN AND CR | ANK CLEAR | ANCE. |
| | Oil Pump Screen Oil Pump Drive Shaft | 84-DS2 | | | | | |
| | Oli Pump Drive Snatt | IS-84 12840 | STRENGT | IANCE TYPE H (150,000 F D SHAFT RE UMP DRIVE | PSI) CHROM | E MOLY ST | EEL. |
| 23 | 460 ENG - 1972-97 - 8 Cyl 4.3 | 60 Bore (INCLU | DES MER | CURY, LING | COLN & TR | UCKS) | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-280] SPRING W/ INSTALLED HGT. OF 1.82. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTF-3 | 204 214 | 282 292 | .485 .512 | 107 117 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 24406 | Int. Exh. 244 254 | Int. Exh. 294 304 | Int. Exh. .588 .614 | Int. Exh. 107 117 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1450-4900. | 24206 | 214 224 | 292 302 | .511 .544 | 107 117 | 112 |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURIN(ER. | ACES TO PF | REVENT SCO | ORING |
| | Torque Cam Lifter Kit | CL-MTF-3 | IMPROVES CALIFORN CAM, 16-[J | YD. NOT CC S LOW-MID IIA COMPLIA IB-900] LIFT BIND. USE .82 | PERF. USE ANT. KIT INC ERS & 40Z | [VS-280]. NC CLUDES 1-[N MELL LUBE | DT /ITF-3] CHECK |
| | Hydraulic Flat Tappet Lifters | JB-900 299004 | FOR USE | WITH [MTF-: USE W/ [MT | - | | ACTORY |
| | Continued on Next Page | | | | | | |

PERFORMANCE - FORD PRODUCTS & TRUCKS (Continued)

| Line | | | RMANCE - FORD PRODUCTS & TRUCKS (Continued) |
|------|-------------------------------|------------------|---|
| No. | Part Title | Part No. | Description |
| 23 | 460 ENG - 1972-97 - 8 Cyl 4 | .360 Bore (INCLL | JDES MERCURY, LINCOLN & TRUCKS) |
| | Hydraulic Flat Tappet Lifters | 299014 | NOT FUR USE W/ [MTF-3] CAMSHAFT ANTI-PUMP UP; |
| | | | SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE |
| | | | VALVE TRAIN |
| | Valve Spring with Hydraulic | VS-280 | USE W/ [MTF-3] CAMSHAFT; INSTALLED HGT. OF 1.82 |
| | Lifters | | (MACHINING MAY BE REQUIRED) |
| | Guide Plates | MGP1124 | RAISED-3/8" THICK- MUST BE USED WITH SCREW-IN |
| | | | ROCKER ARM STUDS |
| | | MGP1134 | RAISED-5/16" THICK- MUST BE USED WITH SCREW-IN |
| | 0 | 40.400 | |
| | 3pc Set | 40403 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK |
| | | | SPROCKET |
| | | 48530T-9 | 1972-1978 RECOMMENDED FOR STREET AND STRIP, |
| | | 400001-0 | CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES |
| | | | INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" |
| | | | ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY |
| | | | CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. |
| | | | PRESS FIT ROLLER THRUST BEARINGS. |
| | Oil Pump | M-84B | 1972-1978 CAR APPLICATIONS. POLICE ONLY. HIGH |
| | | | PRESSURE PUMP REQUIRES BOLT ON SCREEN |
| | | M-84BHV-S | 1974-1997 TRUCK-VAN APPLICATIONS. USE W/OIL PAN |
| | | | DEPTH OF 8 1/4". MAY REQUIRE MINOR MODIFICATION |
| | | | OF OIL PAN. HI VOL PUMP-25% ADDL VOL OF OIL THAN |
| | | | STOCK PUMP. INCLUDES BOLT ON PICKUP ASSY. |
| | | MOADUNG | CHECK FOR PAN AND CRANK CLEARANCE. |
| | | M-84BHV-S | 1972-1978 CAR APPLICATIONS. EXCLUDES POLICE. USE W/OIL PAN DEPTH OF 8 1/4". MAY REQUIRE |
| | | | MINOR MODIFICATION OF OIL PAN. HI VOL PUMP-25% |
| | | | ADDL VOL OF OIL THAN STOCK PUMP. INCLUDES |
| | | | BOLT ON PICKUP ASSY. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | | M-84D | 1975-1996 HIGH PRESSURE PUMP. E250/E350 |
| | | M-84D | 1979-1979 HIGH PRESSURE PUMP. F100 |
| | | M-84D | 1989-1997 HIGH PRESSURE PUMP. F53 MOTOR HOME |
| | | M-84D | 1997-1997 F450 HIGH PRESSURE PUMP |
| | | M-84DHV | 1974-1997 TRUCK/VAN ONLY. SCREEN NOT INCLUDED |
| | | | HI VOL PUMP-25% ADDL VOL OF OIL THAN STOCK |
| | | | PUMP. CHECK FOR PAN AND CRANK CLEARANCE. 1972-1978 CAR APPLICATIONS. POLICE CAR - USE W/ |
| | | M-84EHV-S | OIL PAN DEPTH OF 8 5/8". MAY REQUIRE MINOR |
| | | | MODIFICATION OF OIL PAN. HI VOL PUMP-25% ADDL |
| | | | VOL OF OIL THAN STOCK PUMP. INCLUDES BOLT ON |
| | | | PICKUP ASSY. CHECK FOR PAN AND CRANK |
| | | | CLEARANCE. |
| | Oil Pump Screen | 84-DS1 | 1974-1997 TRUCK/VAN ONLY. FOR USE WITH M-84DHV |
| | - | | - 11 5/8" OVERALL LENGTH |
| | | 84-DS2 | 1974-1997 TRUCK/VAN ONLY. FOR USE WITH M-84DHV |
| | | | - 13 1/4" OVERALL LENGTH |
| | Oil Pump Drive Shaft | 12840 | PERFORMANCE TYPE INTERMEDIATE SHAFT. HIGH |
| | | | STRENGTH (150,000 PSI) CHROME MOLY STEEL. |
| | | | IMPROVED SHAFT RETAINER WHICH LOCKS ONTO |
| | | | THE OIL PUMP DRIVE SHAFT |

PERFORMANCE - ISUZU

| Line No. | Part Title | Part No. | Description | | | | |
|-------------|------------|----------|---|--|--|--|--|
| 1 | | | 96mm Bore (ASCENDER) GM VORTEC | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING | | | | |
| | | | AND GALLING DURING ENGINE START UP. 40Z | | | | |
| | | | CONTAINER. | | | | |
| | Oil Pump | 10295 | 2003-2004 STANDARD VOLUME. HI PRESSURE 10%. | | | | |
| | | | PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" | | | | |
| | | | BOLT ON SCREEN. | | | | |
| | | 10296 | 2003-2004 HI VOLUME 18%. PROTECTIVE COATING. | | | | |
| | | | SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. | | | | |
| | | | INCLUDES OPTIONAL HI PRESSURE SPRING. CHECK | | | | |
| | | | FOR PAN AND CRANK CLEARANCE. | | | | |

PERFORMANCE - OLDSMOBILE

| Line | | | | | | | |
|------|--|----------|----------------------|---|----------------------|-----------------------|-----------------------|
| No. | Part Title | Part No. | | | Description | | |
| 1 | 260 ENG - 1975-82 - 8 Cyl 3.5 | 500 Bore | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 |
| | 1975-1982 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 |
| | DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURING ER. | ACES TO PF | REVENT SCO | ORING |
| | Continued on Next Page | | | | | | |

| Line | | | |
|------|--|----------|---|
| No. | Part Title | Part No. | Description |
| 1 | 260 ENG - 1975-82 - 8 Cyl 3. | | |
| | Torque Cam Lifter Kit | CL-MTO-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67 |
| | Hydraulic Flat Tappet Lifters | 299514 | |
| | Valve Locks | 476104 | 11/32" STEM |
| | Valve Spring with Hydraulic Lifters | 466124 | 1975-1982 INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED |
| | | 466134 | 1975-1982 OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED |
| | Valve Spring Retainers | 475054 | CHROME MOLY - USE WITH [466134] SPRINGS |
| | Valve Springs | VS-720 | USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED) |
| | 3pc Set | 40409 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET |
| | Oil Pump | M-22FHV | HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED. CHECK FOR PAN AND CRANK CLEARANCE. |
| 2 | 267 ENG - 1981-82 - 8 Cyl 3. | 500 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. |
| | Gear Drive Set | 48400 | NOISY - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | | 48400Q | QUIET - INCLUDES 8620 CARBURIZED STEEL GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES UP TO 6,500 RPM. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER |

| | Part Title | Part No. | | | Description | | | | |
|---|---|----------------|---|--|--------------------------------------|------------------------------------|------------------|--|--|
| | 305 ENG - 1977-88 - 8 Cyl 3.7 | | Becomption | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | | |
| | | | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING | | | | | | |
| | | | AND GALL | ING DURIN | G ENGINE S | TART UP. 4 | ΟZ | | |
| | | | CONTAINE | ER. | | | | | |
| | Gear Drive Set | 48400 | NOISY - IN | ICLUDES 86 | 20 CARBUR | IZED STEE | GEARS, | | |
| | | | ROLLER C | CAM BUTTO | N, LOCK PLA | ATE AND BO | DLTS. | | |
| | | | TIMING AD | DJUSTED W | ITH 5 OPTIC | NAL COLOI | R CODED | | |
| | | | | | SERTS. REC | | | | |
| | | | | | CLAIMER AN | ID RACING | ENGINES | | |
| | | | UP TO 6,5 | | | | | | |
| | | 48400Q | | | 20 CARBUR | | | | |
| | | | | | N, LOCK PLA | | | | |
| | | | | | ITH 5 OPTIC | | | | |
| | | | DOWEL PIN HOLE INSERTS. RECOMMENDED STREET AND STRIP, CLAIMER AND RACING | | | | | | |
| | | | | | | | | | |
| | 3pc Set | 48500T-9 | UP TO 6,500 RPM. RECOMMENDED FOR STREET AND STRIP, CIR | | | | | | |
| ' | | | | | | | | | |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDI SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER BILLET STEEL CAM SPROCKET & 9 KEYWAY CRAN | | | | | | |
| | | | | | | | | | |
| | | | SPROCKE | T WITH +4% | -4° CAM AD | JUSTMENT. | PRESS | | |
| | | | FIT ROLLER THRUST BEARINGS. | | | | | | |
| | | 48500W-9 | RECOMM | RECOMMENDED FOR STREET AND STRIP, CIRCLE | | | | | |
| | | | | TRACK, HOT ROD AND CLAIMER ENGINES INCLUDES | | | | | |
| | | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK | | | | | |
| | | | | | | | | | |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER | | | | | | |
| | 307 ENG - 1980-88 - 8 Cyl 3.5 | 500 Bore | WASHEN | | | | | | |
| | Torque Camshaft | | Degrade | Degrade | Inches | Degrade | Degrees | | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Separatio | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | 1980-1984 HYD. IMPROVES | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 | | |
| | LOW-MID. PERF. CHECK FOR | _ | | | | | | | |
| | COIL BIND. USE [VS-720] | | | | | | | | |
| : | SPRING W/INSTALLED HGT. OF | | | | | | | | |
| | 1.67. CLASS I. NOT CALIFORNIA | | | | | | | | |
| 0 | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | | | | | | | | | |
| 1 | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1200-4700. | | | | | | | | |
| | 1200-4700. Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | 1200-4700. | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters | 05044 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT | 25211 | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT | 25211 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. | 25211 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | | .050" dur Int. Exh. 214 224 | ADV. Dur Int. Exh. 289 300 | Valve lift Int. Exh. .473 .497 | Lobe cntr. Int. Exh. 106 118 | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. 1980-1984 DURATION AT .50 | 25211 25309 | .050" dur Int. Exh. | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. Int. Exh. | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. 1980-1984 DURATION AT .50 INTAKE 244 CLASS III. NOT | | .050" dur Int. Exh. 214 224 | ADV. Dur Int. Exh. 289 300 | Valve lift Int. Exh. .473 .497 | Lobe cntr. Int. Exh. 106 118 | Separatic 112 | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. 1980-1984 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT | | .050" dur Int. Exh. 214 224 | ADV. Dur Int. Exh. 289 300 | Valve lift Int. Exh. .473 .497 | Lobe cntr. Int. Exh. 106 118 | Separatio | | |
| | 1200-4700. Camshafts Using Hydraulic Flat Tappet Lifters 1980-1984 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. 1980-1984 DURATION AT .50 INTAKE 244 CLASS III. NOT | | .050" dur Int. Exh. 214 224 | ADV. Dur Int. Exh. 289 300 | Valve lift Int. Exh. .473 .497 | Lobe cntr. Int. Exh. 106 118 | Separatic 112 | | |

| Line | | | | | | | commueu) | |
|------|--|----------|--|----------------------------|----------------------|-----------------------|-----------------------|--|
| No. | Part Title | Part No. | | | Description | | | |
| 4 | 307 ENG - 1980-88 - 8 Cyl 3.5 | 500 Bore | 1 | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | 1980-1984 DURATION AT .50 INTAKE 232 CLASS III. NOT | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 | |
| | CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | |
| | | | AND GALL CONTAINE | | G ENGINE S | TART UP. 4 | | |
| | Torque Cam Lifter Kit | CL-MTO-1 | | CLASS I HY | | | | |
| | | | | BLE. IMPRO | | | | |
| | | | | | | | | |
| | | | | CAM, 16-[JB DR COIL BIN | - | | | |
| | | | | D HGT. OF 1 | - | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | 1980-1984 | | 1.07 | | | |
| | Valve Locks | 476104 | 11/32" STE | | | | | |
| | Valve Spring with Hydraulic | 466124 | INNER - USE WITH [25211], [25309], [MTO-1], [25310] | | | | | |
| | Lifters | | CAMS - MACHING MAY BE REQUIRED | | | | | |
| | | 466134 | OUTER - USE WITH [25211], [25309], [MTO-1], [25310] | | | | | |
| | | | CAMS - MACHING MAY BE REQUIRED | | | | | |
| | Valve Spring Retainers | 475054 | CHROME MOLY - USE WITH [466134] SPRINGS | | | | | |
| | Valve Springs | VS-720 | USE W/ [MTO-1] CAMSHAFT (MACHINING MAY BE REQUIRED) | | | | | |
| | Oil Pump | M-22FHV | HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS | | | | | |
| | | | VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON | | | | | |
| | | | | S IN SCREEI | | | | |
| | | | | NK CLEARAI | | SLD. ONLO | | |
| 5 | 350 ENG - 1968-80 - 8 Cyl 4.0 |)57 Bore | 7410 0174 | | 102. | | | |
| | Torque Camshaft | | Degrade | Degrade | Inches | Degrade | Degrees | |
| | | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 | |
| | 1200-4700. | | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 | |
| | Continued on Next Page | | | | | | | |
| | - | 1 | I | I | 1 | I | | |

| Line No. | Part Title | Part No. | | | Description | | | | |
|-------------|--------------------------------|----------|---|---------------------------------------|-------------|-----------------------|-----------------------|--|--|
| 5 | 350 ENG - 1968-80 - 8 Cyl 4.0 | | 1 | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrade | Degrade | Inches | Degrade | Degrade | | |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation | | |
| | DURATION AT .50 INTAKE 244 | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 | | |
| | CLASS III. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 3200-6700. | | | | | | | | |
| | DURATION AT .50 INTAKE 232 | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 | | |
| | CLASS III. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 2650-6200. | | | | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | | | |
| | | | | /EAR SURF/ | | | | | |
| | | | AND GALLING DURING ENGINE START UP. 40Z | | | | | | |
| | | | CONTAINE | ER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTO-1 | | CLASS I HYD. NOT COMPUTER COMPATIBLE. | | | | | |
| | | | IMPROVES LOW-MID PERF. NOT CALIFORNIA | | | | | | |
| | | | COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. | | | | | | |
| | | | | | | | | | |
| | | | USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67 | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | | |
| | Valve Locks | 476104 | 11/32" STEM | | | | | | |
| | Valve Spring with Hydraulic | 466124 | INNER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED | | | | | | |
| | Lifters | 400404 | | | | | | | |
| | | 466134 | OUTER - USE WITH [25211], [25309], [MTO-1], [25310] CAMS - MACHING MAY BE REQUIRED | | | | | | |
| | Valve Spring Retainers | 475054 | | MOLY - USE | | | 39 | | |
| | Valve Spring Retainers | VS-720 | | 1TO-1] CAMS | | | | | |
| | valve Springs | V3-720 | | - | | | | | |
| | Gear Drive Set | 48400 | | NOISY - IN | CLUDES 862 | 0 CARBURI | ZED STEEL | | |
| | | | | OLLER CAN | | | | | |
| | | | | MING ADJU | | | | | |
| | | | | OWEL PIN H | | | | | |
| | | | FOR STRE | EET AND ST | RIP, CLAIME | ER AND RAC | CING | | |
| | | | ENGINES | UP TO 6,500 | RPM. | | | | |
| | | 48400Q | 1977-1979 | QUIET - INC | CLUDES 862 | 0 CARBURI | ZED STEEL | | |
| | | | GEARS, R | OLLER CAN | I BUTTON, L | OCK PLATE | E AND | | |
| | | | BOLTS. TI | MING ADJU | STED WITH | 5 OPTIONA | L COLOR | | |
| | | | CODED D | OWEL PIN H | IOLE INSER | TS. RECOM | MENDED | | |
| | | | FOR STRE | EET AND ST | RIP, CLAIME | ER AND RAC | CING | | |
| | | | | UP TO 6,500 | | | | | |
| | 3pc Set | 48500T-9 | | RECOMME | | | | | |
| | | | | RACK, HOT | | | | | |
| | | | | SEAMLES | | | • | | |
| | | | | BILLET STE | | | | | |
| | | | | PROCKET W | | | STMENT. | | |
| | | | PRESS FI | T ROLLER T | HRUST BEA | RINGS. | | | |
| | Continued on Next Page | | | | | | | | |

| Line | | | | | | | |
|------|--|----------|---|--|---|--|----------------------------------|
| No. | Part Title 350 ENG - 1968-80 - 8 Cyl 4.0 | Part No. | | | Description | | |
| 5 | | | 1077 1070 | DECOMME | | | |
| | 3pc Set | 48500W-9 | CIRCLE TH INCLUDES ROLLER), CRANK SF | RACK, HOT S SEAMLESS BILLET STE PROCKET W | NDED FOR S ROD AND C S DOUBLE F EL CAM SPI (ITH +4°/-4° (| LAIMER EN OLLER CHA ROCKET & S | GINES. AIN (.250" 9 KEYWAY |
| | Oil Pump | M-22FHV | VOL PUMF FLANGE A OR PRESS | IMP (20% AE P IS MANUF ND A CHAN | DDL VOL OF ACTURED W IFERED HOI N CAN BE U NCF. | //BOLT ON ⁻ _E. EITHER | TYPE A BOLT ON |
| 6 | 400 ENG - 1965-69 - 8 Cyl 4.0 | 00 Bore | / | | | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Separation |
| | 1967-1969 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 |
| | 1967-1969 DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 |
| | 1967-1969 DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | ORING |
| | Torque Cam Lifter Kit | CL-MTO-1 | IMPROVES CALIFORN CAM, 16-[J FOR COIL | S LOW-MID NA COMPLI <i>I</i> JB-951] LIFT BIND. USE | DMPUTER C PERF. USE ANT. KIT INC ERS & 40Z I [VS-720] SPI | VS-720]. NO LUDES 1-[N MELL LUBE | DT /ITO-1] CHECK |
| | Hydraulic Flat Tappet Lifters | 299514 | HGT. OF 1 EXCLUDE | | | | |
| | Valve Locks | 476104 | 11/32 inch | | | | |
| | Continued on Next Page | | | | | | |
| | | | | | | | |

| Part Title | Part No. | | | Description | | | |
|---|----------|--|---------------------|----------------------|-----------------------|--------------------|--|
| 400 ENG - 1965-69 - 8 Cyl 4.0 | 000 Bore | | | | | | |
| Valve Spring with Hydraulic | 466124 | INNER - U | SE WITH [25 | 5211], [25309 |), [MTO-1], [| [25310] | |
| Lifters | | | | Y BE REQUI | | | |
| | 466134 | OUTER - USE WITH [25211], [25309], [MTO-1], [25310] | | | | | |
| | | | | Y BE REQU | | | |
| Valve Spring Retainers | 475054 | | | WITH [4661 | - | | |
| Valve Springs | VS-720 | REQUIRE | - | SHAFT (MAC | | I BE | |
| Chrome Moly Push Rods | 500564 | | 1 | | | PRESSURE | |
| officine moly rush neus | 000004 | 1968-1969 HEAT TREATED MAX. SPRING PRESSURE 350 LBS. | | | | | |
| 3pc Set | 40409 | INCLUDES | SEAMLES | S SOLID RO | LER CHAIN | I, CAST | |
| | | | | T & MULTIPI | | | |
| | | SPROCKE | | | | | |
| Oil Pump | M-22FHV | | • | DDL VOL OF | , | | |
| | | | | ACTURED V | | | |
| | | | | IFERED HOI | | | |
| | | OR PRESS IN SCREEN CAN BE USED. CHECK FOR PA AND CRANK CLEARANCE. | | | | | |
| 403 ENG - 1977-79 - 8 Cyl 4.3 | 350 Bore | | | NOL. | | | |
| Torque Camshaft | | | | | D | | |
| | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degree Separati | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulai | |
| HYD. IMPROVES LOW-MID. | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 | |
| PERF. CHECK FOR COIL BIND. | | | | | | | |
| USE [VS-720] SPRING W/ | | | | | | | |
| INSTALLED HGT. OF 1.67. | | | | | | | |
| CLASS I. NOT CALIFORNIA | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE 1200-4700. | | | | | | | |
| Camshafts Using Hydraulic Flat | | Degrade | Degrade | Inches | Degrade | Degree | |
| Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Valve lift | Degrees Lobe cntr. | Separati | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| CLASS II. NOT CALIFORNIA | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 1700-5200. | | | | | | | |
| DURATION AT .50 INTAKE 244 CLASS III. NOT CALIFORNIA | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 | |
| COMPLIANT. NOT CALIFORNIA | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 3200-6700. | | | | | | | |
| DURATION AT .50 INTAKE 232 | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 | |
| CLASS III. NOT CALIFORNIA | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 2650-6200. | | | | | | | |
| Mell Lube | M-10012 | | | ND BREAK- | | | |
| | | _ | | ACES TO PF | | | |
| | 1 | AND GALLING DURING ENGINE START UP. 40Z | | | | | |
| | | CONTAINE | =D | | | | |

| Line | | | | | | - (| | | |
|------|--------------------------------|----------|--|--------------|-----------------------------------|-------------------|------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 7 | 403 ENG - 1977-79 - 8 Cyl 4.3 | 50 Bore | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTO-1 | CLASSIH | YD. NOT CO | MPUTER C | OMPATIBLE | | | |
| | | | IMPROVES | S LOW-MID | PERF. USE | [VS-720]. NC | - | | |
| | | | CALIFORM | IIA COMPLIA | COMPLIANT. KIT INCLUDES 1-[MTO-1] | | | | |
| | | | CAM, 16-[J | JB-951] LIFT | ERS & 4OZ | MELL LUBE | CHECK | | |
| | | | FOR COIL | BIND. USE | [VS-720] SP | PRING W/INSTALLED | | | |
| | | | HGT. OF 1 | .67 | | | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | | |
| | Valve Locks | 476104 | 11/32" STEM | | | | | | |
| | Valve Spring with Hydraulic | 466124 | | SE WITH [25 | | | 25310] | | |
| | Lifters | | | ACHING MA | | | | | |
| | | 466134 | | JSE WITH [2 | | | [25310] | | |
| | | | | ACHING MA | | | | | |
| | Valve Spring Retainers | 475054 | CHROME MOLY - USE WITH [466134] SPRINGS | | | | | | |
| | Valve Springs | VS-720 | - | ITO-1] CAMS | SHAFT (MAC | HINING MA | Y BE | | |
| | | | | | | | | | |
| | 3pc Set | 40409 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRAN | | | | | | |
| | | | | | T & MULTIPI | E KEYWAY | CRANK | | |
| | | | SPROCKET | | | | | | |
| | Oil Pump | M-22FHV | HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI | | | | | | |
| | | | VOL PUMP IS MANUFACTURED W/BOLT ON TYPE | | | | | | |
| | | | FLANGE AND A CHAMFERED HOLE. EITHER A BOLT | | | | | | |
| | | | OR PRESS IN SCREEN CAN BE USED. CHECK FOR P AND CRANK CLEARANCE. | | | | | | |
| | | | AND CRAN | NK CLEARAI | NCE. | | | | |
| 8 | 425 ENG - 1965-67 - 8 Cyl 4.1 | 25 Bore | | | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | 1967-1967 HYD. IMPROVES | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 | | |
| | LOW-MID. PERF. CHECK FOR | | | | | | | | |
| | COIL BIND. USE [VS-720] | | | | | | | | |
| | SPRING W/INSTALLED HGT. OF | | | | | | | | |
| | 1.67. CLASS I. NOT CALIFORNIA | | | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | | | |
| | 1200-4700. | | | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | | |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | 1967-1967 CLASS II. NOT | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 1700-5200. | | | | | | | | |
| | 1967-1967 DURATION AT .50 | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 | | |
| | INTAKE 244 CLASS III. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 3200-6700. | | | | | | | | |
| | 1967-1967 DURATION AT .50 | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 | | |
| | INTAKE 232 CLASS III. NOT | | | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | | | |
| | POWER RANGE 2650-6200. | | | | | | | | |
| | Continued on Next Page | | | | | | | | |
| | , | 1 | 1 | 1 | I | I | | | |

| Part Title | Part No. | | | Description | | |
|--|----------|--|------------------------|----------------------|-----------------------|----------------------|
| 425 ENG - 1965-67 - 8 Cyl 4. | | | | | | |
| Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. | | | | NT. |
| | | | | ACES TO PF | | |
| | | AND GALLING DURING ENGINE START UP. 40Z | | | | |
| | | CONTAIN | | | | - |
| Torque Cam Lifter Kit | CL-MTO-1 | 1967-1967 CLASS I HYD. NOT COMPUTER | | | | |
| | | COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INC 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 40Z MELI | | | | SE |
| | | | | | | |
| | | | | | | |
| | | | - | ID. USE [VS- | | |
| | | INSTALLE | D HGT. OF ⁻ | 1.67 | - | |
| Valve Locks | 476104 | 11/32" STE | EM | | | |
| Valve Spring with Hydraulic | 466124 | INNER - U | SE WITH [25 | 5211], [25309 |), [MTO-1], [| 25310] |
| Lifters | | CAMS - M | ACHING MA | Y BE REQUI | RED | - |
| | 466134 | OUTER - U | JSE WITH [2 | 5211], [2530 | 9], [MTO-1], | [25310] |
| | | CAMS - M | ACHING MA | Y BE REQUI | RED | |
| Valve Spring Retainers | 475054 | CHROME | MOLY - USE | WITH [4661 | 34] SPRINC | is |
| Valve Springs | VS-720 | USE W/ [N | ITO-1] CAMS | SHAFT (MAC | HINING MA | Y BE |
| | | REQUIRE | , | | | |
| 3pc Set | 40409 | INCLUDES | SEAMLES | S SOLID RO | LLER CHAIN | I, CAST |
| | | IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK | | | | CRANK |
| | | SPROCKET | | | | |
| Oil Pump | M-22FHV | HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI | | | | |
| | | VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT | | | | |
| | | | | | | |
| | | OR PRESS IN SCREEN CAN BE USED. CHECH AND CRANK CLEARANCE. | | | K FOR PAI | |
| | _ | | | | | |
| 455 ENG - 1968-76 - 8 Cyl 4. | 125 Bore | | 1 | 1 | | 1 |
| Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees |
| | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| HYD. IMPROVES LOW-MID. | MTO-1 | 204 214 | 280 289 | .449 .473 | 106 118 | 112 |
| PERF. CHECK FOR COIL BIND. | | | | | | |
| USE [VS-720] SPRING W/ INSTALLED HGT. OF 1.67. | | | | | | |
| | | | | | | |
| CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | |
| 1200-4700. | | | | | | |
| Camshafts Using Hydraulic Flat | | | | | | _ |
| Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separatio |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Oeparatio |
| CLASS II. NOT CALIFORNIA | 25211 | 214 224 | 289 300 | .473 .497 | 106 118 | 112 |
| COMPLIANT. NOT COMPUTER | 25211 | | 203 300 | .470 .437 | 100 110 | 112 |
| COMPATIBLE. POWER RANGE | | | | | | |
| 1700-5200. | | | | | | |
| DURATION AT .50 INTAKE 244 | 25309 | 244 244 | 314 314 | .475 .475 | 110 110 | 110 |
| CLASS III. NOT CALIFORNIA | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | |
| | 1 | | | | | |
| 3200-6700. | | | | | | |

| | | | | | 0 | | | |
|-------------|---|----------|--|---------------------------|----------------------|-----------------------|-----------------------|--|
| Line No. | Part Title | Part No. | | | Description | | | |
| 9 | 455 ENG - 1968-76 - 8 Cyl 4.1 | 25 Bore | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| | DURATION AT .50 INTAKE 232 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 25310 | 232 232 | 329 329 | .474 .474 | 112 114 | 113 | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTO-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE [VS-720]. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTO-1] CAM, 16-[JB-951] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-720] SPRING W/INSTALLED HGT. OF 1.67 | | | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | |
| | Valve Locks | 476104 | 11/32" STE | | | | | |
| | Valve Spring with Hydraulic Lifters | 466124 | CAMS - M | SE WITH [25 ACHING MA` | Y BE REQU | RED | | |
| | | 466134 | CAMS - M | JSE WITH [2 ACHING MA | Y BE REQU | RED | | |
| | Valve Spring Retainers | 475054 | | MOLY - USE | | | | |
| | Valve Springs | VS-720 | REQUIRE | , | · | | | |
| | Chrome Moly Push Rods | 500564 | | ATED MAX. | | | | |
| | 3pc Set | 40409 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | |
| | Oil Pump | M-22FHV | SPROCKET HI VOL PUMP (20% ADDL VOL OF OIL) NOTE: THIS HI VOL PUMP IS MANUFACTURED W/BOLT ON TYPE FLANGE AND A CHAMFERED HOLE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED. CHECK FOR PAN AND CRANK CLEARANCE. | | | | TYPE A BOLT ON | |

PERFORMANCE - PONTIAC

| Line | | | |
|------|---------------------------------|---------------|--|
| No. | Part Title | Part No. | Description |
| 1 | 3.8-K (229) ENG - 1980-81 - 6 C | yl 3.736 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | Continued on Next Page | | |

| PERF | DRMANCE - PONTIAC (Continue | ea) | |
|------|---------------------------------|--------------|--|
| Line | | | |
| No. | Part Title | Part No. | Description |
| 1 | 3.8-K (229) ENG - 1980-81 - 6 C | | |
| | 3pc Set | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| 2 | 4.3-Z (262) ENG - 1985 - 6 Cyl. | - 4.00 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | - | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| 3 | 4.4-J (267) ENG - 1981-82 - 8 C | yl 3.50 Bore | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. |
| | | | PLATES WEAR SURFACES TO PREVENT SCORING |
| | | | AND GALLING DURING ENGINE START UP. 40Z |
| | | | CONTAINER. |
| | 3pc Set | 48500T-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS |
| | | | FIT ROLLER THRUST BEARINGS. |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE |
| | | | TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES |
| | | | SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), |
| | | | BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK |
| | | | SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE |
| | | | WASHER |
| | | | WAONER |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|--|-------------------------|---------------------------------------|-----------------------|-----------------------|
| 4 | 301 ENG - 1977-81 - 8 Cyl 4.0 | 00 Bore | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTP-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur Int. Exh. | Valve lift Int. Exh. | Lobe cntr. | Separation |
| | DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 26204 | 214 224 | 288 298 | .443 .466 | 108 116 | 112 |
| | DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 |
| | DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 |
| | Mell Lube | M-10012 | PLATES W | /EAR SURF/ ING DURIN | ND BREAK- ACES TO PF G ENGINE S | REVENT SCO | ORING |
| | Torque Cam Lifter Kit | CL-MTP-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. CAM LIFT .280 INT295 EXH. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 40Z MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ | | | | |
| | Hydraulic Flat Tappet Lifters | 299694 | INSTALLED HGT. OF 1.59. USE FACTORY SETTING | | | | |
| | , s. alle the tappet Entoio | 299704 | ANTI-PUM | | T ZERO LA | SH; MUST B | E USED W/ |
| | Valve Locks | 476104 | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-310 | (MACHINI | NG MAY BE | SHAFT; INNE REQUIRED) | | |
| | | VS-450 | (MACHINI | NG MAY BE | SHAFT; OUT REQUIRED) | | |
| | Valve Spring Retainers | 475054 | CHROME | MOLY | | | |
| | Rocker Arms | 498464 | | | | | |
| | Continued on Next Page | | | | | | |

| Line | | , | | | | | |
|------|--|---------------|-----------------------------------|----------------------------------|---|------------------------------------|-----------------------|
| No. | Part Title | Part No. | | | Description | | |
| 4 | 301 ENG - 1977-81 - 8 Cyl 4.0 | | | | | | |
| | Oil Pump | 10540 | VOLUME. SUPPORT | STANDARD . PROTECTI | INCLUDES PRESSURE VE COATING TER SCREE | . STANDAR G. SCREW I | D SHAFT |
| | | 10541 | 10540) INC | CLUDES SCR | (30% MORE REEN STANI NDARD SHA | DARD VOLU | JME. HIGH |
| | | | PROTECT | | G. SCREW I | | NCLUDES 3/ |
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | 3.736 Bore Cl | HEVROLET | ENG. | | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation |
| | 1982-1987 HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72. USE ONLY WITH CARBURETTED ENGINES. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | MTC-1 | 204 214 | 278 288 | .421 .444 | 107 117 | 112 |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | 1982-1987 OEM# 3927140 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22400 | Int. Exh. 257 270 | Int. Exh. 304 320 | Int. Exh. .494 .512 | Int. Exh. 108 116 | 112 |
| | 1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2700-6200. | 22402 | 240 250 | 282 290 | .521 .521 | 104 108 | 106 |
| | 1982-1987 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3700-7300. | 22404 | 258 266 | 290 298 | .538 .556 | 99 111 | 105 |
| | 1982-1987 OEM# 3849346 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. | 22410 | 254 254 | 294 294 | .484 .484 | 110 118 | 114 |
| | 1982-1987 OEM# 3965754 CLASS IV. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3600-7200. Continued on Next Page | 22450 | 262 273 | 309 318 | .512 .536 | 108 116 | 112 |
| | Continued on west raye | | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | | | | Description | | |
| 0 | Camshafts Using Hydraulic Flat | | | | la sha s | Desman | Desire |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | 1982-1987 CLASS II. NOT | C-400-P | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | CALIFORNIA COMPLIANT. NOT | 0 100 1 | 220 220 | 200 200 | | 110 110 | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2100-5600. | | | | | | |
| | 1982-1987 USE IN 1987 & OLDER | 22107 | 208 208 | 280 280 | .408 .408 | 107 113 | 110 |
| | S.B. CHEVY ENG EQUIPPED | - | | | | | |
| | WITH CARBURETTED 305 CID | | | | | | |
| | V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATBLE. POWER RANGE | | | | | | |
| | 1000-4500. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22108 | 184 194 | 260 270 | .367 .398 | 104 104 | 104 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 305 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | 1982-1987 USE IN 1987 & OLDER | 22109 | 194 204 | 270 278 | .398 .421 | 104 104 | 104 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 305 CID | | | | | | |
| | V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | IDLE-4000. | | | | | | |
| | 1987-1987 CLASS I. NOT | 22111 | 194 204 | 270 278 | .398 .421 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4000. | | | | 400 400 | 100 110 | |
| | 1982-1987 USE ONLY IN 1987 & | 22114 | 208 208 | 280 280 | .420 .420 | 106 116 | 111 |
| | OLDER S.B. CHEVY ENG | | | | | | |
| | | | | | | | |
| | CARBURETTED 305 CID V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1400-4900. | | | | | | |
| | 1982-1987 USE ONLY IN 1987 & | 22115 | 209 216 | 283 286 | .435 .455 | 107 117 | 112 |
| | OLDER S.B. CHEVY ENG | | 200 210 | 200 200 | | | |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 305 CID V8. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1500-5000. | | | | | | |
| | Continued on Next Page | | | | | | |
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| Line No. | Part Title | Part No. | | | Description | | |
|-------------|--|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | | | | 200011911011 | | |
| 0 | Camshafts Using Hydraulic Flat | | | | la sha s | Desire | Demo |
| | Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | 1982-1987 USE IN 1987 & OLDER | 22126 | 194 214 | 268 288 | .398 .441 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 305 CID | | | | | | |
| | V8. CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1250-4750. | | | | | | |
| | 1982-1987 OEM# 3863151 CLASS | 22200 | 223 223 | 290 290 | .447 .447 | 110 118 | 114 |
| | II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2100-5600. | 00000 | 014 004 | 000 000 | 444 400 | 107 117 | 110 |
| | 1982-1987 USE IN 1987 & OLDER S.B. CHEVY ENG EQUIPPED | 22203 | 214 224 | 288 298 | .444 .466 | 107 117 | 112 |
| | WITH CARBURETTED 305 CID | | | | | | |
| | V8. CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | 1982-1987 CLASS II. NOT | 22210 | 224 224 | 291 287 | .450 .460 | 114 114 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | 1982-1987 USE IN 1987 & OLDER | 22213 | 214 214 | 287 287 | .444 .444 | 107 117 | 112 |
| | S.B. CHEVY ENG EQUIPPED | | | | | | |
| | WITH CARBURETTED 305 CID | | | | | | |
| | V8. CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | 00015 | 010 010 | 295 295 | .429 .429 | 108 112 | 110 |
| | 1982-1987 USE ONLY IN 1987 & OLDER S.B. CHEVY ENG | 22215 | 218 218 | 235 235 | .423 .423 | 100 112 | 110 |
| | EQUIPPED WITH | | | | | | |
| | CARBURETTED 305 CID V8. | | | | | | |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2000-5000. | | | | | | |
| | 1982-1987 CLASS II. NOT | 22230 | 214 214 | 287 287 | .444 .444 | 105 115 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5300. | | | | | | |
| | 1982-1987 CLASS II. NOT | 22232 | 220 231 | 304 287 | .468 .480 | 106 114 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5700. 1982-1987 CLASS II. NOT | 22222 | 224 224 | 300 300 | .436 .436 | 107 109 | 108 |
| | CALIFORNIA COMPLIANT. NOT | 22233 | 224 224 | 300 300 | .430 .430 | 107 109 | 100 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5800. | | | | | | |
| | Continued on Next Page | | | | | | |
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| Line | Dout Title | Part No. | Description | | | | |
|------|---|--------------|-------------|-----------|-------------|------------|------------|
| No. | Part Title | | | | Description | | |
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | 3.736 Bore C | HEVROLEI | ENG. | | | 1 |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | 110 |
| | 1982-1987 CLASS II. NOT | 22234 | 224 230 | 283 291 | .480 .486 | 107 113 | 110 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5500. | 00005 | 004 004 | 004 004 | 405 405 | 110 110 | 110 |
| | 1982-1987 CLASS II. NOT | 22235 | 224 224 | 224 224 | .465 .465 | 112 112 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. POWER RANGE 2200-5700. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22301 | 232 232 | 288 288 | .480 .480 | 106 110 | 108 |
| | CALIFORNIA COMPLIANT. NOT | 22301 | 232 232 | 200 200 | .400 .400 | 106 110 | 100 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22303 | 224 234 | 298 304 | .466 .488 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | 22000 | 224 204 | 200 004 | .400 .400 | 107 117 | 112 |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2200-5700. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22305 | 234 244 | 303 313 | .488 .508 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2700-6200. | | | | | | |
| | 1982-1987 CLASS III. NOT | 22320 | 230 230 | 304 304 | .453 .453 | 112 116 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22401 | 244 254 | 313 328 | .508 .533 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3300-6700. | | | | | | |
| | 1982-1987 CLASS IV. NOT | 22460 | 246 246 | 302 302 | .508 .508 | 106 112 | 109 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 3300-6800. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | 1987-1987 CLASS I. NOT | 22129 | 198 210 | 273 288 | .434 .462 | 108 116 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE IDLE-4500. | | | 074 000 | | | |
| | 1987-1987 CLASS I. NOT | 22131 | 207 214 | 271 280 | .410 .427 | 117 117 | 117 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500. | 00001 | 197 206 | 061 076 | 100 150 | 105 114 | 100 |
| | 1987-1987 CLASS I. NOT CALIFORNIA COMPLIANT. NOT | 22221 | 19/ 200 | 261 276 | .433 .450 | 105 114 | 109 |
| | COMPUTER COMPLIANT: NOT | | | | | | |
| | POWER RANGE IDLE-4500. | | | | | | |
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| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|----------------------|---------------------|----------------------|-----------------------|-----------------------|
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | | | | Description | | |
| | Camshafts Using Hydraulic | | | | lashaa | Deswaaa | Deersee |
| | Roller Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | Copulation |
| | 1987-1987 CLASS II. NOT | 22298 | 222 232 | 297 307 | .478 .501 | 109 119 | 114 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2000-5500. | | | | | | |
| | 1987-1987 CLASS III. NOT | 22397 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6200. | | | | | | |
| | Camshafts Using Hydraulic | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Retro-fit Roller Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | FOR USE WITH RETRO-FIT | 22135 | 206 214 | 265 274 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTERS [SB817RF16] | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1000-4500 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22136 | 215 230 | 284 310 | .470 .480 | 106 114 | 110 |
| | ROLLER LIFTERS [SB817RF16] | | | | | | |
| | AND [SB079RF16] CLASS I. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1500-5000 | 00007 | 015 004 | 004 000 | 470 400 | 100 110 | 110 |
| | FOR USE WITH RETRO-FIT | 22237 | 215 224 | 284 296 | .470 .490 | 108 116 | 112 |
| | ROLLER LIFTERS [SB817RF16] AND [SB079RF16] CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5200 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22238 | 215 215 | 284 284 | .470 .470 | 106 114 | 110 |
| | ROLLER LIFTERS [SB817RF16] | 22200 | 210 210 | 201 201 | | 100 111 | |
| | AND [SB079RF16] CLASS II. NOT | | | | | | |
| | CALIFORNIA COMPLIANT. NOT | | | | | | |
| | COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 1700-5300 | | | | | | |
| | FOR USE WITH RETRO-FIT | 22398 | 234 238 | 296 300 | .538 .546 | 107 117 | 112 |
| | ROLLER LIFTERS [SB817RF16] | | | | | | |
| | AND [SB079RF16] CLASS III. | | | | | | |
| | NOT CALIFORNIA COMPLIANT. | | | | | | |
| | NOT COMPUTER COMPATIBLE. | | | | | | |
| | POWER RANGE 2500-6000. | | | | | | |
| | Mell Lube | M-10012 | | | ND BREAK- | | |
| | | | _ | | ACES TO PF | | |
| | | | | | G ENGINE S | TART UP. 4 | oz |
| | | | CONTAINE | =H. | | | |
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| Line | | | PERFORMANCE - PONTIAC (Continued) | | | | | | |
|------|---|------------------|--|--|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | | | |
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | | | | | | | | |
| | Torque Cam Lifter Kit | CL-MTC-1 | 1982-1987 CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. USE (VS-380). USE ONLY WITH CARBURETTED ENGINES. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTC-1] CAM, 16-[JB-817] LIFTERS & 40Z MELL LUBE. CHECK | | | | | | |
| | Mechanical Flat Tappet Lifters | JB-992 | FOR COIL BIND. USE [VS-380] SPRING W/INSTALLED HGT. OF 1.72 1982-1987 STOCK TYPE REPLACEMENT LIFTER W/ | | | | | | |
| | | | SPECIAL DESIGNED METERING SYSTEM | | | | | | |
| | Hydraulic Flat Tappet Lifters | 298174 | 1982-1987 USE FACTORY SETTING | | | | | | |
| | | 298184 | 1982-1987 ANTI-PUMP UP, SET AT ZERO LASH; MUST BE USED W/ ADJUSTABLE VALVE TRAIN | | | | | | |
| | Hydraulic Roller Lifters | JB-2079 | 1982-1987 STOCK TYPE REPLACEMENT LIFTER | | | | | | |
| | Hydraulic Retro-fit Roller Lifters | SB079RF16 | 1986-1987 RETRO-FIT LIFTER FOR USE W/ RETRO-FIT ROLLER CAMSHAFTS [22135], [22136], [22237], [22238], [22398] | | | | | | |
| | | SB817RF16 | ROLLER CAMSHAFTS [22135], [22136], [22237], [22237 [22398] | | | | | | |
| | Valve Locks | 476104 | 1982-1987 HARDENED 11/32" STEM | | | | | | |
| | Valve Spring with Mechanical Lifters | 466114 | 1982-1987 OUTER- USE WITH [22410], [22415], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.430 O.D. | | | | | | |
| | | 466274 | 1982-1987 INNER- USE WITH [22410], [22400] & [22450] CAMS- MACHINING MAY BE REQUIRED 1.080 O.D. | | | | | | |
| | Valve Spring with Hydraulic | 466364 VS-380 | 1982-1987 1.260 O.D. 1982-1987 STOCK REPLACEMENT. USE WITH [MTC-1], | | | | | | |
| | Lifters | V3-380 | [22111], [22107], [22108], [22109], [22114] & [22215] CAMS- NOTE: ASM. HEIGHT OF 1.72 (MACHINING MAY BE REQUIRED) | | | | | | |
| | | VS-739 | 1982-1987 STOCK REPLACEMENT. USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED CHROME VANADIUM | | | | | | |
| | | 466204 | 1982-1987 USE WITH [22303], [22305] & [22401] CAMS- NOTE: ASM HEIGHT OF 1.72- MACHINING MAY BE REQUIRED | | | | | | |
| | | 466354 | 1982-1987 USE WITH MTC-1, (22110), (22115), (22200), (22210), (22213), (22203), (22320), (22301) CAMSHAFTS. NOTE: ASM HEIGHT OF 1.72 - MACHINING MAY BE REQUIRED. | | | | | | |
| | Rocker Arms | 498404 | 1984-1987 LONG SLOT | | | | | | |
| | Rocker Arm Stud | MRDS-2920 | 1984-1987 2.325 OVERALL LENGTH, 3/8" DIAMETER WITH HEX NUT | | | | | | |
| | <u> </u> | MRDS-941 | 1984-1987 2.560 OVERALL LENGTH, 7/16" DIAMETER WITH HEX NUT | | | | | | |
| | Chrome Moly Push Rods | 500314 | 1982-1987 EXC. ROLLER 5/16" DIA. STANDARD LENGTH- HEAT TREATED FOR GUIDE PLATES. MAX. SPRING PRESSURE 350 LBS. | | | | | | |
| | | 500614 | 1982-1987 EXC. ROLLER 5/16" DIA. + .100 O/S LENGTH-HEAT TREATED FOR GUIDE PLATES MAX. SPRING PRESSURE 350 LBS. | | | | | | |
| | | 500674 | 1982-1987 EXC. ROLLER 3/8" DIA. MAX. SPRING PRESSURE 350 LBS. | | | | | | |
| | Continued on Next Page | | | | | | | | |

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| | Part Title | | | | |
| 5 | | | | | |
| No. 5 5 | Chrome Moly Push Rods | 501004 | 1982-1987 EXC. ROLLER 5/16" DIA. STANDARD LENGTH - HEAT TREATED FOR GUIDEPLATES (ONE PIECE CONSTRUCTION) MAX. SPRING PRESSURE 500 LBS. | | |
| | | 501024 | 1982-1987 EXC. ROLLER 5/16" DIA. + .150 O/S LENGTH - HEAT TREATED FOR GUIDE PLATES. (ONE PIECE CONSTRUCTION) | | |
| | | CONSTRUCTION) MAX. SPRING PRESSURE 505010241982-1987 EXC. ROLLER 5/16" DIA. + .150 O/S L HEAT TREATED FOR GUIDE PLATES. (ONE PIE CONSTRUCTION)5010341982-1987 EXC. ROLLER 5/16" DIA. + .200 O/S L HEAT TREATED FOR GUIDE PLATES. (ONE PIE CONSTRUCTION)MGP10041982-1987 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (FLAT)MGP10141982-1987 3/8" THICK-MUST BE USED WITH SC ROCKER ARM STUDS. (FLAT)MGP10241982-1987 3/8" THICK- MUST BE USED WITH SC ROCKER ARM STUDS. (FLAT)MGP10341982-1987 5/16" THICK-MUST BE USED WITH SC ROCKER ARM STUDS. (RAISED)MGP10341982-1987 5/16" THICK-MUST BE USED WITH SCREW-IN ROCKER ARM STUDS. (RAISED)484001984-1987 NOISY - INCLUDES 8620 CARBURIZE GEARS, ROLLER CAM BUTTON, LOCK PLATE A BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL C CODED DOWEL PIN HOLE INSERTS. RECOMMI | | | |
| | Guide Plates | MGP1004 | 1982-1987 5/16" THICK-MUST BE USED WITH | | |
| | | MGP1014 | | | |
| | | | · · · · · · | | |
| | | | SCREW-IN ROCKER ARM STUDS. (RAISED) | | |
| | Gear Drive Set | 48400 | GEARS, ROLLER CAM BUTTON, LOCK PLATE AND BOLTS. TIMING ADJUSTED WITH 5 OPTIONAL COLOR CODED DOWEL PIN HOLE INSERTS. RECOMMENDED FOR STREET AND STRIP, CLAIMER AND RACING ENGINES TO 6,500 RPM | | |
| | | 48400Q1984-1987 QUIET - INCLUDES 8620 CAF GEARS, ROLLER CAM BUTTON, LOCK BOLTS. TIMING ADJUSTED WITH 5 OPT CODED DOWEL PIN HOLE INSERTS. RI FOR STREET AND STRIP, CLAIMER AN | | | |
| | 3pc Set | 40201 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES DOUBLE ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. | | |
| | | 40400 | | | |
| | | 40500 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES INCLUDES SINGLE SEAMLESS SOLID ROLLER CHAIN (.335" ROLLER), CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET. | | |
| 48500T-9 RECOMME TRACK, HC SEAMLESS BILLET STE SPROCKET | | | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. | | |
| | | 48500W-9 | RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPROCKET WITH +4°/-4° CAM ADJUSTMENT. BRONZE WASHER | | |
| | Continued on Next Page | | | | |

| Line | | | | | | | |
|------|--------------------------------|-----------------|--|--|--|--|--|
| No. | Part Title | Part No. | Description | | | | |
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cy | l 3.736 Bore Cl | HEVROLET ENG. | | | | |
| | 3pc Set | 40520 | 1982-1987 EXCLUDING STOCK ROLLER CAM ENGINES. | | | | |
| | • | | RACING APPLICATIONS ONLY. INCLUDES 3/8" HY-VO | | | | |
| | | | TEC CHAIN, CAM SPROCKET WITH LIGHTENING | | | | |
| | | | HOLES & 9-MULTIPLE KEYWAY CRANK SPROCKET | | | | |
| | Oil Pump | M-99HV-S | 1982-1987 HI VOL PUMP- MORE VOL AND PRESSURE | | | | |
| | · | | THAN STOCK PUMP. INCLUDES SCREEN. CHECK FOR | | | | |
| | | | PAN AND CRANK CLEARANCE. | | | | |
| | | 10050-700CT | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME | | | | |
| | | | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM | | | | |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND | | | | |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET | | | | |
| | | | SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. | | | | |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD | | | | |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE | | | | |
| | | | TRACK RACING. CHECK FOR PAN AND CRANK | | | | |
| | | | | | | | |
| | | 10050-750SS | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. STREET AND STRIP. CHECK FOR PAN AND CRANK | | | | |
| | | | CLEARANCE. | | | | |
| | | 10050-825SS | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME | | | | |
| | | 10000 02000 | 25%. MULTIPLE PRESSURE SETTINGS. ALUMINUM | | | | |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND | | | | |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN | | | | |
| | | | FOR 8.25" PAN INTEGRATED INTO PUMP BODY. | | | | |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD | | | | |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. | | | | |
| | | | STREET AND STRIP. CHECK FOR PAN AND CRANK | | | | |
| | | | CLEARANCE. | | | | |
| | | 10055-700CT | 1982-1987 (MELLING PATENT 5,810,571) STANDARD | | | | |
| | | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM | | | | |
| | | | BILLET. HEAVY DUTY SHAFT SUPPORT AND | | | | |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. OFFSET | | | | |
| | | | SCREEN FOR 7." PAN INTEGRATED INTO PUMP BODY. | | | | |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD | | | | |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. CIRCLE | | | | |
| | | 40055 75000 | TRACK RACING. | | | | |
| | | 10055-750SS | 1982-1987 (MELLING PATENT 5,810,571) STANDARD | | | | |
| | | | VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND | | | | |
| | | | PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN | | | | |
| | | | FOR 8.25" PAN INTEGRATED INTO PUMP BODY. | | | | |
| | | | INCLUDES OPTIONAL RELIEF SPRINGS, STUD | | | | |
| | | | MOUNTING KIT AND CHROME MOLY I/S SHAFT. | | | | |
| | | | STREET AND STRIP. | | | | |
| | Continued on Next Page | | | | | | |
| | | | | | | | |

| Line No. | Part Title | Part No. | Description |
|-------------|---------------------------------|-------------|--|
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | • | |
| | Oil Pump | 10055-825SS | 1982-1987 (MELLING PATENT 5,810,571) STANDARD VOLUME. MULTIPLE PRESSURE SETTINGS. ALUMINUM BILLET. HEAVY DUTY SHAFT SUPPORT AND PROTECTIVE COATINGS. SCREW IN VALVE. SCREEN FOR 7.5" PAN INTEGRATED INTO PUMP BODY. INCLUDES OPTIONAL RELIEF SPRINGS, STUD MOUNTING KIT AND CHROME MOLY I/S SHAFT. |
| | | 10550 | STREET AND STRIP. 1982-1987 HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 5/8" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10551 | 1982-1987 HI VOLUME PUMP (25% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; INCLUDES I/S SHAFT W/ STEEL GUIDE. USES 3/4" DIAMETER SCREEN. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) - FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10552C | 1982-1987 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (10% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. REFIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |
| | | 10553 | 1982-1987 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10550 PUMP. |
| | | 10554 | 1982-1987 FEATURES STEEL GEARS; STANDARD VOLUME VERSION OF THE 10551 PUMP. |
| | Continued on Next Page | 10555 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL OF OIL) FEATURES: STEEL GEARS; SHAFTS EXTENDED INTO COVER FOR SUPPORT. RELIEF VALVE SPRING HAS SCREW IN PLUG. INCLUDES [12550] CHROME MOLY INTERMEDIATE SHAFT WITH STEEL GUIDE. EITHER A BOLT ON OR PRESS IN SCREEN CAN BE USED WITH THIS PUMP. CHECK FOR PAN AND CRANK CLEARANCE. |

| Line No. | Part Title | Part No. | Description | | | | | |
|-------------|---------------------------------|----------|--|--|--|--|--|--|
| 5 | 5.0 (305) ENG - 1977-87 - 8 Cyl | | | | | | | |
| | Oil Pump | 10555C | 1982-1987 RACING APPLICATIONS ONLY. (MELLING | | | | | |
| | On Famp | 105550 | PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL | | | | | |
| | | | OF OIL) FEATURES: STEEL GEARS; SHAFTS | | | | | |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF | | | | | |
| | | | VALVE SPRING HAS SCREW IN PLUG. INCLUDES | | | | | |
| | | | [12550] CHROME MOLY INTERMEDIATE SHAFT WITH | | | | | |
| | | | STEEL GUIDE. HAS ANTI-CAVITATION GROOVES. | | | | | |
| | | | EITHER A BOLT ON OR PRESS IN SCREEN CAN BE | | | | | |
| | | | USED WITH THIS PUMP. CHECK FOR PAN AND CRANK | | | | | |
| | | | CLEARANCE. | | | | | |
| | | 10990 | 1982-1987 (MELLING PATENT 5,810,571) HI VOLUME | | | | | |
| | | | PUMP (25% ADDL VOLUME) FEATURES: SHAFTS | | | | | |
| | | | EXTENDED INTO COVER FOR SUPPORT. RELIEF | | | | | |
| | | | VALVE HAS SCREW IN PLUG. INCLUDES [12550] | | | | | |
| | | | CHROME MOLY INTERMEDIATE SHAFT WITH STEEL | | | | | |
| | | | GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN AND CRANK CLEARANCE. 1982-1987 RACING APPLICATIONS ONLY. (MELLING PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VO | | | | | |
| | | | GUIDE. INCLUDES STOCK SPRING. CHECK FOR PAN | | | | | |
| | | 10990C | | | | | | |
| | | | PATENT 5,810,571) HI VOLUME PUMP (25% ADDL VOL | | | | | |
| | | | OF OIL) FEATURES: SHAFTS EXTENDED INTO COVER | | | | | |
| | | | FOR SUPPORT. RELIEF VALVE HAS SCREW IN PLUG. | | | | | |
| | | | INCLUDES [12550] CHROME MOLY INTERMEDIATE | | | | | |
| | | | SHAFT WITH STEEL GUIDE. HAS ANTI-CAVITATION | | | | | |
| | | | GROOVES. CHECK FOR PAN AND CRANK CLEARANCE. | | | | | |
| | Oil Pump Screen | 12557 | 1982-1987 BOLT ON SCREEN. USE W/7" DEEP STOCK | | | | | |
| | | | TYPE PAN. NOTE: CLEARANCE BETWEEN THE BOLTS | | | | | |
| | | | AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT UP OR | | | | | |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. BOLT ON | | | | | |
| | | | SCREEN FOR 10555 PUMP. | | | | | |
| | | 12558 | 1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP | | | | | |
| | | | STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE | | | | | |
| | | | BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT | | | | | |
| | | 10000 | UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. | | | | | |
| | | 12559 | 1982-1987 BOLT ON SCREEN. USE WITH 8" DEEP | | | | | |
| | | | STOCK TYPE PAN. NOTE: CLEARANCE BETWEEN THE | | | | | |
| | | | BOLTS AND HOLES ALLOWS 3/16 TO 1/4" ADJUSTMENT | | | | | |
| | | 12564 | UP OR DOWN TO CUSTOM FIT YOUR APPLICATION. 1982-1987 BOLT ON SCREEN. USE WITH 7" DEEP OVAL | | | | | |
| | | 12504 | TRACK PAN, NOTE: MESH IS TO THE RIGHT, NOTE: | | | | | |
| | | | CLEARANCE BETWEEN THE BOLTS AND THE HOLES | | | | | |
| | | | ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR DOWN TO | | | | | |
| | | | CUSTOM FIT YOUR APPLICATION. | | | | | |
| | | 12566 | 1982-1987 BOLT ON SCREEN. USE WITH 7 1/2" DEEP | | | | | |
| | | 12000 | OVAL TRACK PAN, NOTE: MESH IS TO THE RIGHT. | | | | | |
| | | | NOTE: CLEARANCE BETWEEN THE BOLTS AND THE | | | | | |
| | | | HOLES ALLOWS 3/16" TO 1/4" ADJUSTMENT UP OR | | | | | |
| | | | DOWN TO CUSTOM FIT YOUR APPLICATION. | | | | | |
| | Oil Pump Drive Shaft | 12550 | 1982-1987 PERFORMANCE TYPE INTERMEDIATE | | | | | |
| | - | | SHAFT. HIGH STRENGTH (150,000 PSI) CHROME MOLY | | | | | |
| | | | STEEL. IMPROVED SHAFT RETAINER WHICH LOCKS | | | | | |
| | | | ONTO THE OIL PUMP DRIVE SHAFT | | | | | |

| lo. | Part Title | Part No. | | | Description | | | |
|-----|--|----------------|--|---|-------------------------------------|---|---|--|
| 6 | 5.0 (307) ENG - 1971-72 - 8 Cyl | 3 7/8 Bore | | | • | | | |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURIN(ER. | ACES TO PF | REVENT SCO | ORING | |
| | 3pc Set | 48500T-9 | TRACK, HOT ROD AND CLAIMER EN SEAMLESS DOUBLE ROLLER CHAIN BILLET STEEL CAM SPROCKET & 9 F SPROCKET WITH +4°/-4° CAM ADJUS FIT ROLLER THRUST BEARINGS. | | | ENGINES. I AIN (.250" R 9 KEYWAY JUSTMENT. | NGINES. INCLUDES N (.250" ROLLER), KEYWAY CRANK JSTMENT. PRESS | |
| | | 48500W-9 | TRACK, H SEAMLES BILLET ST | ENDED FOR OT ROD AN S DOUBLE F EEL CAM S T WITH +4% | D CLAIMER ROLLER CH PROCKET & | ENGINES. I AIN (.250" R 9 KEYWAY | NCLUDES OLLER), CRANK | |
| 7 | 326 ENG - 1963-73 - 8 Cyl 3.7 | 19 Bore (FIREB | IRD, GTO, | LEMANS, | SAFARI, TI | EMPEST) | | |
| | Torque Camshaft | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTP-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 26204 | Int. Exh. 214 224 | Int. Exh. 288 298 | Int. Exh. .443 .466 | Int. Exh. 108 116 | 112 | |
| | DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 | |
| | DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. Continued on Next Page | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 | |

| | 1 | 1 | 1 | PERFOR | MANCE - F | ONTIAC (| Continued | |
|-------------|--|----------|---|---|--|---|--------------------------------|--|
| .ine No. | Part Title | Part No. | | | Description | | | |
| 7 | - | | BIRD, GTO, LEMANS, SAFARI, TEMPEST) | | | | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | CLASSIH | YD. NOT CO | MPUTER C | OMPATIBLE | | |
| | | | EXH. NOT 1-[MTP-1] CHECK FC INSTALLE | CALIFORNI CAM, 16-[JB DR COIL BIN | PERF. CAM A COMPLIAI -951] LIFTEF ID. USE [VS- 1.57 & [VS-4 1.59. | NT. KIT INC RS & 4OZ M 310] INNER | LUDES ELL LUBE. SPRING V | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic Lifters | VS-310 | (MACHINI | NG MAY BE | SHAFT; INNE REQUIRED) | | | |
| | | VS-450 | (MACHINI | NG MAY BE | SHAFT; OUT REQUIRED) | | | |
| | Valve Spring Retainers | 475054 | CHROME | MOLY | | | | |
| | Rocker Arms | 498464 | | | | | | |
| | Chrome Moly Push Rods | 500574 | HEAT TRE | ATED MAX. | SPRING PR | ESSURE 35 | 50 LBS. | |
| | 3pc Set | 40408 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN | | | | | |
| | Oil Pump | 10540 | | | | | | |
| | | 10541 | | | | | | |
| 8 | 350 ENG - 1968-76 - 8 Cyl 3.8 | 375 Bore | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separatio | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTP-1 | Int. Exh. 204 214 | Int. Exh. 278 288 | Int. Exh. .421 .443 | Int. Exh. 108 116 | 112 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separatio | |
| | DURATION AT .50 INT. 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 26204 | Int. Exh. 214 224 | Int. Exh. 288 298 | Int. Exh. .443 .466 | Int. Exh. 108 116 | 112 | |
| | Continued on Next Page | | 1 | | | | 1 | |

| Line No. | Part Title | Part No. | | | Description | | | |
|-------------|---|-----------------|--|---------------------------------------|-------------------------|-----------------------|---|--|
| 8 | 350 ENG - 1968-76 - 8 Cyl 3.8 | 75 Bore | 1 | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | |
| | DURATION AT .50 INT. 224 CLASS III. NOT CALIFORNIA | 26303 | Int. Exh. 224 236 | Int. Exh. 298 310 | Int. Exh. .407 .407 | Int. Exh. 112 119 | 115 | |
| | COMPLIANT. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | | | | | | | |
| | DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 | |
| | Mell Lube | M-10012 | PLATES W | IN LUBRICA EVENT SCO TART UP. 4 | T SCORING | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | CLASS I HYD. NOT COMPUTER COMPATI IMPROVES LOW-MID PERF. CAM LIFT .28 EXH. NOT CALIFORNIA COMPLIANT. KIT 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 40 CHECK FOR COIL BIND. USE [VS-310] INN INSTALLED HGT. OF 1.57 & [VS-450] OUT INSTALLED HGT. OF 1.59. | | | | INT295 CLUDES MELL LUBE. R SPRING W/ | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic | VS-310 | - | - | SHAFT; INNE | | | |
| | Lifters | | | | REQUIRED) | | | |
| | | VS-450 | (MACHINII | NG MAY BE | SHAFT; OUT REQUIRED) | | | |
| | Valve Spring Retainers | 475054 | CHROME | MOLY | | | | |
| | Rocker Arms | 498464 | | | | | | |
| | Chrome Moly Push Rods 3pc Set | 500274 40408 | INCLUDES | RESSURE 38 LLER CHAIN LE KEYWAY | I, CAST | | | |
| | Oil Pump | 10540 | HI PRESSURE PUMP - INCLUDES SCREE VOLUME. STANDARD PRESSURE. STAND SUPPORT. PROTECTIVE COATING. SCRE INCLUDES 3/4" DIAMETER SCREEN. | | | | D SHAFT N VALVE. | |
| | | 10541 | INCLUDES 3/4" DIAMETER SCREEN. HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HI PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDE 4" DIAMETER SCREEN. | | | | | |

| Line No. | Part Title | Part No. | | | Description | | |
|-------------|---|----------|-----------|-------------|-------------------------|------------|------------|
| 9 | 350-P ENG - 1977 - 8 Cyl 3.87 | 75 Bore | | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. IMPROVES LOW-MID. | MTP-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 |
| | PERF. CHECK FOR COIL BIND. | | | | | | |
| | USE [VS-310] INNER SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.57 & | | | | | | |
| | [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1200-4700. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | DURATION AT .50 INT. 214 | 26204 | 214 224 | 288 298 | .443 .466 | 108 116 | 112 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. DURATION AT .50 INT. 224 | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 |
| | CLASS III. NOT CALIFORNIA | 20303 | 224 200 | 230 310 | .407 .407 | 112 113 | 115 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 3200-6700. | | | | | | |
| | DURATION AT .50 INT. 231 | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 |
| | CLASS III. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 2650-6200. | | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT |
| | | | | | ACES TO PR | | |
| | | | | | G ENGINE S | | |
| | | | CONTAINE | ER. | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | | | MPUTER C | - | |
| | | | | | PERF. CAM | | |
| | | | | | | | |
| | | | | · • | -951] LIFTER | | SPRING W/ |
| | | | | | 1.57 & [VS-45 | | |
| | | | | D HGT. OF 1 | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | |
| | Valve Locks | 476104 | | | | | |
| | Valve Spring with Hydraulic | VS-310 | - | - | | | |
| | Lifters | VS-450 | | | REQUIRED) HAFT; OUTI | | |
| | | v 3-43U | - | - | REQUIRED) | | |
| | Valve Spring Retainers | 475054 | CHROME | | | | |
| | Rocker Arms | 498464 | | | | | |
| | Chrome Moly Push Rods | 500274 | HEAT TRE | ATED MAX. | SPRING PR | ESSURE 35 | 50 LBS. |
| | Continued on Next Page | | | | | | |

Line No. Part No. Description Part Title 350-P ENG - 1977 - 8 Cyl. - 3.875 Bore 9 INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST 3pc Set 40408 **IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK** SPROCKET **Oil Pump** 10540 HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN. 10541 HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/ 4" DIAMETER SCREEN. 5.7-L (350) ENG - 1977-79 - 8 Cyl. - 3.875 Bore 10 M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. Mell Lube PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. 3pc Set 48500T-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), **BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK** SPROCKET WITH +4°/-4° CAM ADJUSTMENT. PRESS FIT ROLLER THRUST BEARINGS. 48500W-9 RECOMMENDED FOR STREET AND STRIP, CIRCLE TRACK, HOT ROD AND CLAIMER ENGINES. INCLUDES SEAMLESS DOUBLE ROLLER CHAIN (.250" ROLLER), BILLET STEEL CAM SPROCKET & 9 KEYWAY CRANK SPBOCKET WITH +4°/-4° CAM ADJUSTMENT, BBONZE WASHER 5.7-G (350) OHV ENG - 1998-02 - 8 Cyl. - 3.90 Bore LS1 **Camshafts Using Hydraulic** Degrees Inches Dearees Dearees Degrees **Roller Lifters** .050" dur ADV. Dur Valve lift Lobe cntr. Separation Int. Exh. Int. Exh. Int. Exh. Int. Exh. 22201 223 223 291 291 .566 .566 110 118 CLASS II. NOT CALIFORNIA 114 COMPLIANT. NOT COMPUTER COMPATABLE. POWER RANGE 2000-5000. ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. Mell Lube M-10012 PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. **Valve Spring Retainers** 475234 CHROME MOLY Oil Pump 10295 STANDARD VOLUME. HI PRESSURE 10%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. 10296 HI VOLUME 18%. PROTECTIVE COATING. SCREW IN VALVE. USES 7/8" BOLT ON SCREEN. INCLUDES OPTIONAL HI PRESSURE SPRING. CHECK FOR PAN AND CRANK CLEARANCE.

| Line | | _ | | | | | |
|------|--|-----------|------------------------------------|--------------|-------------|------------|------------|
| No. | | Part No. | | | Description | | |
| 12 | 6.0-U (364) OHV ENG - 2005-09 | - | | | | | |
| | Mell Lube | M-10012 | | ENGINE AS | | | |
| | | | | AND GALLI | | | |
| | | | 40Z CONT | | | ENGINE 51 | ANT UP. |
| - | | M-10012 | | ENGINE AS | | | IN |
| | | IVI-10012 | | IT. PLATES | | | |
| | | | | AND GALLI | | | |
| | | | 40Z CONT | | | | |
| - | Oil Pump | 10295 | | GTO STAN | DARD VOLU | ME. HI PRE | SSURE |
| | | | 10%. PRO | TECTIVE CO | DATING. SCI | REW IN VAL | VE. USES |
| | | | 7/8" BOLT | ON SCREEP | N. | | |
| | | 10296 | 2005-2006 | GTO HI VO | LUME 18%. | PROTECTIV | Έ |
| | | | | SCREW IN | | | |
| | | | SCREEN. | INCLUDES (| OPTIONAL H | II PRESSUR | E SPRING. |
| | | | | OR PAN AND | | | |
| | | 10355 | | G8 HI VOLU | • | | |
| | | | , | III APPLICAT | | | |
| | | | | IONS. FEAT | | | |
| | | | | ST IRON PH | | | - |
| | | | | BLE PRESSU | | | NG. |
| | | | CHECK FOR PAN AND CRANK CLEARANCE. | | | | |
| 13 | 389 ENG - 1959-66 - 8 Cyl 4.0 | 62 Bore | 1 | | | | |
| | Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees |
| | | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | HYD. IMPROVES LOW-MID. | MTP-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 |
| | PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.57 & | | | | | | |
| | [VS-450] OUTER SPRING W/ | | | | | | |
| | INSTALLED HGT. OF 1.59. | | | | | | |
| | CLASS I. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1200-4700. | | | | | | |
| | Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees |
| | Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | |
| | DURATION AT .50 INT. 214 | 26204 | 214 224 | 288 298 | .443 .466 | 108 116 | 112 |
| | CLASS II. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 1700-5200. | | | | | | |
| | DURATION AT .50 INTAKE 224 | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 |
| | CLASS III. NOT CALIFORNIA | | | | | | |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE 3200-6700. | | | | | | |
| | 3200-6700. DURATION AT .50 INT. 231 | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 |
| | CLASS III. NOT CALIFORNIA | 20300 | 231 240 | 304 310 | .470 .470 | 112 113 | 113 |
| | COMPLIANT. NOT COMPUTER | | | | | | |
| | COMPATIBLE. POWER RANGE | | | | | | |
| | 2650-6200. | | | | | | |
| | Continued on Next Page | | | | | | |
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| Line | • | (() | | | | | | |
|------|--|--------------|--|---|--|--|--|--|
| No. | Part Title | Part No. | | | Description | | | |
| 13 | 389 ENG - 1959-66 - 8 Cyl 4.0 | 62 Bore | | | | | | |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURING ER. | ACES TO PF | REVENT SCO | ORING | |
| | Torque Cam Lifter Kit | CL-MTP-1 | IMPROVES EXH. NOT 1-[MTP-1] CHECK FC INSTALLE | YD. NOT CC S LOW-MID I CALIFORNI. CAM, 16-[JB DR COIL BIN D HGT. OF 1 D HGT. OF 1 | PERF. CAM A COMPLIAI -951] LIFTEF D. USE [VS- 1.57 & [VS-4 | LIFT .280 IN NT. KIT INCI RS & 40Z M 310] INNER | IT295 LUDES ELL LUBE. SPRING W/ | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic | VS-310 | - | ITP-1] CAMS | | | | |
| | Lifters | VC 450 | (MACHINING MAY BE REQUIRED) USE W/ [MTP-1] CAMSHAFT; OUTER SPRING | | | | | |
| | | VS-450 | - | NG MAY BE | | | | |
| | Valve Spring Retainers | 475054 | CHROME | | neQuineD) | | | |
| | Rocker Arms | 498464 | | | | | | |
| | Chrome Moly Push Rods | 500574 | HEAT TRE | ATED MAX. | SPRING PR | ESSURE 35 | 0 L BS | |
| | 3pc Set | 40408 | | SEAMLESS | | | | |
| | Oil Pump | 10540 | IRON CAN SPROCKE HI PRESS | I SPROCKE ⁻ T URE PUMP - | ET & MULTIPLE KEYWAY CRANK P - INCLUDES SCREEN STANDARD | | | |
| | | | SUPPORT INCLUDES | STANDARD . PROTECTI S 3/4" DIAME | VE COATIN | G. SCREW I EN. | N VALVE. | |
| | | 10541 | 10540) INC PRESSUR PROTECT | URE PUMP (CLUDES SCF E 30%. STA IVE COATIN ER SCREEM | REEN STAN NDARD SHA G. SCREW I | DARD VOLU | JME. HIGH | |
| 14 | 400 ENG - 1967-69 - 8 Cyl 4.1 | 20 Bore | | | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. Continued on Next Page | MTP-1 | Int. Exh. 204 214 | Int. Exh. 278 288 | Int. Exh. .421 .443 | 108 116 | 112 | |

| Line | | | | | | • | | | |
|------|---|------------------|---|--|---------------------------------------|-----------------------|-----------------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 14 | 400 ENG - 1967-69 - 8 Cyl 4. | 120 Bore | | 1 | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 26204 | 214 224 | 288 298 | .443 .466 | 108 116 | 112 | | |
| | DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 | | |
| | DURATION AT .50 INTAKE 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 | | |
| | Mell Lube | M-10012 | PLATES W AND GALL | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. CAM LIFT .280 INT295 EXH. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 4OZ MELL LUBE. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | | |
| | Valve Locks | 476104 | | | | | | | |
| | Valve Spring with Hydraulic | VS-310 | USE W/ IM | ITP-11 CAMS | SHAFT; INNE | B SPRING | | | |
| | Lifters | | - | - | REQUIRED) | | | | |
| | | VS-450 | USE W/ [N (MACHINII | ITP-1] CAMS NG MAY BE | SHAFT; OUT REQUIRED) | ER SPRING | | | |
| | Valve Spring Retainers | 475054 | CHROME | MOLY | | | | | |
| | Rocker Arms | 498464 | | | | | | | |
| | Chrome Moly Push Rods | 500274 500574 | 1967-1967 GUIDE PL | WITH 1ST | NG PRESSU TYPE CYL HI TREATED M | EAD WITH F | PUSH ROD | | |
| | 3pc Set | 40408 | IRON CAN SPROCKE | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | | |
| | Oil Pump | 10540 | VOLUME. SUPPORT | HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN. | | | | | |
| | | 10541 | 10540) INC PRESSUR PROTECT | CLUDES SCI E 30%. STA | | DARD VOLU | JME. HIGH | | |

| Part Title | Part No. | | | Description | | | |
|--------------------------------------|----------|---|--------------------------|-------------|------------|------------|--|
| 421 ENG - 1963-66 - 8 Cyl 4.0 | | | | • | | | |
| Torque Camshaft | | Degrees | Degrees | Inches | Degrees | Degrees | |
| | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| HYD. IMPROVES LOW-MID. | MTP-1 | 204 214 | 278 288 | .421 .443 | 108 116 | 112 | |
| PERF. CHECK FOR COIL BIND. | | | | | | | |
| USE [VS-310] INNER SPRING W/ | | | | | | | |
| INSTALLED HGT. OF 1.57 & | | | | | | | |
| [VS-450] OUTER SPRING W/ | | | | | | | |
| INSTALLED HGT. OF 1.59. | | | | | | | |
| CLASS I. NOT CALIFORNIA | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 1200-4700. | | | | | | | |
| Camshafts Using Hydraulic Flat | | Degrees | Degrees | Inches | Degrees | Degrees | |
| Tappet Lifters | | .050" dur | ADV. Dur | Valve lift | Lobe cntr. | Separation | |
| | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | |
| DURATION AT .50 INTAKE 214 | 26204 | 214 224 | 288 298 | .443 .466 | 108 116 | 112 | |
| CLASS II. NOT CALIFORNIA | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 1700-5200. | | | | 407 407 | | | |
| DURATION AT .50 INTAKE 224 | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 | |
| CLASS III. NOT CALIFORNIA | | | | | | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE 3200-6700. | | | | | | | |
| DURATION AT .50 INT. 231 | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 | |
| CLASS III. NOT CALIFORNIA | | 201 210 | | | 112 110 | | |
| COMPLIANT. NOT COMPUTER | | | | | | | |
| COMPATIBLE. POWER RANGE | | | | | | | |
| 2650-6200. | | | | | | | |
| Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | |
| | | PLATES WEAR SURFACES TO PREVENT SCORING | | | | | |
| | | | | G ENGINE S | TART UP. 4 | OZ | |
| | | CONTAINE | | | | _ | |
| Torque Cam Lifter Kit | CL-MTP-1 | | YD. NOT CO | | | | |
| | | | S LOW-MID | | | | |
| | | | CALIFORNI CAM, 16-[JB | | | | |
| | | | OR COIL BIN | - | | | |
| | | | D HGT. OF 1 | - | - | | |
| | | | D HGT. OF 1 | - | | | |
| Hydraulic Flat Tappet Lifters | 299514 | | | | | | |
| Valve Locks | 476104 | | | | | | |
| Valve Spring with Hydraulic | VS-310 | USE W/ [N | ITP-1] CMAS | SHAFT; INNE | R SPRING | | |
| Lifters | | | NG MAY BE | , | | | |
| | VS-450 | - | ITP-1] CAMS | | | | |
| | | | NG MAY BE | REQUIRED) | | | |
| Valve Spring Retainers | 475054 | CHROME | MOLY | | | | |
| Rocker Arms Chrome Moly Push Rods | 498464 | | ATED MAX. | | | | |
| | 500574 | | | | | MILES. | |

| Line | PERFORMANCE - PONTIAC (Continued) | | | | | | |
|------|--|----------|---|----------------------|------------------------|-----------------------|-----------------------|
| No. | Part Title | Part No. | Description | | | | |
| 15 | 421 ENG - 1963-66 - 8 Cyl 4.093 Bore | | | | | | |
| | 3pc Set | 40408 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET | | | | |
| | Oil Pump | 10540 | HI PRESSURE PUMP - INCLUDES SCREEN STANDARD VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/4" DIAMETER SCREEN. HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 3/ 4" DIAMETER SCREEN. | | | | |
| 10 | | 10541 | | | | | |
| 16 | 428 ENG - 1967-69 - 8 Cyl 4.1 | 20 Bore | 1 | | | | |
| | Torque Camshaft | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & | MTP-1 | Int. Exh. 204 214 | Int. Exh. 278 288 | Int. Exh. .421 .443 | Int. Exh. 108 116 | 112 |
| | [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation |
| | DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. | 26204 | Int. Exh. 214 224 | Int. Exh. 288 298 | Int. Exh. .443 .466 | Int. Exh. 108 116 | 112 |
| | DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 |
| | DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | |
| | Continued on Next Page | | | | | | |

PERFORMANCE - PONTIAC (Continued)

| Line | | / | | | | | | |
|----------|--|------------------|--|--|--|---|--|--|
| No. | Part Title | Part No. | | | Description | | | |
| 16 | 428 ENG - 1967-69 - 8 Cyl 4.1 | 20 Bore | | | | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | IMPROVES EXH. NOT 1-[MTP-1] CHECK FC INSTALLE | YD. NOT CC S LOW-MID CALIFORNI CAM, 16-[JB DR COIL BIN D HGT. OF 1 D HGT. OF 1 | PERF. CAM A COMPLIAI -951] LIFTEF D. USE [VS- I.57 & [VS-4 | LIFT .280 IN NT. KIT INC RS & 40Z M 310] INNER | IT295 LUDES ELL LUBE. SPRING W/ | |
| | Hydraulic Flat Tappet Lifters | 299514 | INGTALLL | | | | | |
| | Valve Locks | 476104 | | | | | | |
| | Valve Spring with Hydraulic | VS-310 | USE W/ [M | ITP-1] CAMS | HAFT; INNE | RSPRING | | |
| | Lifters | | (MACHINI | NG MAY BE | REQUIRED) | | | |
| | | VS-450 | (MACHINI | ITP-1] CAMS NG MAY BE | | | | |
| | Valve Spring Retainers | 475054 | CHROME MOLY | | | | | |
| | Rocker Arms | 498464 | HEAT TREATED MAX. SPRING PRESSURE 350 L | | | | | |
| | Chrome Moly Push Rods | 500574 | | | | | | |
| | 3pc Set | 40408 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAS IRON CAM SPROCKET & MULTIPLE KEYWAY CRAN SPROCKET HI PRESSURE PUMP - INCLUDES SCREEN STANDA VOLUME. STANDARD PRESSURE. STANDARD SHA SUPPORT. PROTECTIVE COATING. SCREW IN VAL INCLUDES 3/4" DIAMETER SCREEN. | | | | | |
| | Oil Pump | 10540 | | | | | | |
| 17 | 455 ENG - 1970-76 - 8 Cyl 4.1 | 10541 51 Bore | HI PRESSURE PUMP (30% MORE PRESSURE THA 10540) INCLUDES SCREEN STANDARD VOLUME. H PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUM 4" DIAMETER SCREEN. | | | | | |
| <i>'</i> | Torque Camshaft | | _ | | | 5 | | |
| | | | Degrees .050" dur Int. Exh. | Degrees ADV. Dur Int. Exh. | Inches Valve lift Int. Exh. | Degrees Lobe cntr. Int. Exh. | Degrees Separation | |
| | HYD. IMPROVES LOW-MID. PERF. CHECK FOR COIL BIND. USE [VS-310] INNER SPRING W/ INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING W/ INSTALLED HGT. OF 1.59. CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1200-4700. | MTP-1 | 204 214 278 288 .421 .443 108 116 | | | | 112 | |
| | Camshafts Using Hydraulic Flat Tappet Lifters DURATION AT .50 INTAKE 214 CLASS II. NOT CALIFORNIA | 26204 | Degrees .050" dur Int. Exh. 214 224 | Degrees ADV. Dur Int. Exh. 288 298 | Inches Valve lift Int. Exh. .443 .466 | Degrees Lobe cntr. Int. Exh. 108 116 | Degrees Separation 112 | |
| | COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1700-5200. Continued on Next Page | | | | | | | |

| Line | | | | | | | continueu) | | |
|------|---|----------|--|---------------------|----------------------|-----------------------|-----------------------|--|--|
| No. | Part Title | Part No. | | | Description | | | | |
| 17 | 455 ENG - 1970-76 - 8 Cyl 4.1 | 51 Bore | | | | | | | |
| | Camshafts Using Hydraulic Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | |
| | DURATION AT .50 INTAKE 224 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 3200-6700. | 26303 | 224 236 | 298 310 | .407 .407 | 112 119 | 115 | | |
| | DURATION AT .50 INT. 231 CLASS III. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2650-6200. | 26308 | 231 240 | 304 316 | .470 .470 | 112 115 | 113 | | |
| | Mell Lube | M-10012 | ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. | | | | | | |
| | Torque Cam Lifter Kit | CL-MTP-1 | CLASS I HYD. NOT COMPUTER COMPATIBLE. IMPROVES LOW-MID PERF. CAM LIFT .280 INT295 EXH. NOT CALIFORNIA COMPLIANT. KIT INCLUDES 1-[MTP-1] CAM, 16-[JB-951] LIFTERS & 40Z MELL LU CHECK FOR COIL BIND. USE [VS-310] INNER SPRIN INSTALLED HGT. OF 1.57 & [VS-450] OUTER SPRING INSTALLED HGT. OF 1.59. | | | | | | |
| | Hydraulic Flat Tappet Lifters | 299514 | | | | | | | |
| | Valve Locks | 476104 | | | | | | | |
| | Valve Spring with Hydraulic | VS-310 | USE W/ [M | ITP-1] CAMS | SHAFT; INNE | R SPRING | | | |
| | Lifters | | (MACHINI | NG MAY BE | REQUIRED) | | | | |
| | | VS-450 | USE W/ [M | ITP-1] CAMS | SHAFT; OUT | ER SPRING | | | |
| | | | (MACHINI | NG MAY BE | REQUIRED) | | | | |
| | Valve Spring Retainers | 475054 | CHROME | MOLY | | | | | |
| | Rocker Arms | 498464 | | | | | | | |
| | Chrome Moly Push Rods | 500274 | | | SPRING PR | | | | |
| | 3pc Set | 40408 | INCLUDES SEAMLESS SOLID ROLLER CHAIN, CAST IRON CAM SPROCKET & MULTIPLE KEYWAY CRANK SPROCKET HI PRESSURE PUMP - INCLUDES SCREEN STANDARI VOLUME. STANDARD PRESSURE. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE INCLUDES 3/4" DIAMETER SCREEN. HI PRESSURE PUMP (30% MORE PRESSURE THAN 10540) INCLUDES SCREEN STANDARD VOLUME. HIGH PRESSURE 30%. STANDARD SHAFT SUPPORT. PROTECTIVE COATING. SCREW IN VALVE. INCLUDES 4" DIAMETER SCREEN. | | | | | | |
| | Oil Pump | 10540 | | | | | | | |
| | | 10541 | | | | | | | |

| ine | | | | | | | | | | | | |
|---------|---|----------------|----------------------|---|----------------------|-----------------------|-----------------------|--|--|--|--|--|
| o. 1 | Part Title | Part No. | | | Description | | | | | | | |
| | 2189CC 20R OHC ENG - 1975 | -80 - 4 Cyl 88 | 3 MM Bore (C | ORONA, C | ELICA & P | ICKUP) | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 27101 | 214 224 | | .417 .429 | 105 115 | 110 | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200. | 27201 | 224 234 | | .429 .441 | 105 115 | 110 | | | | | |
| | Mell Lube | M-10012 | PLATES W | SSEMBLY A /EAR SURF/ .ING DURIN(ER. | ACES TO PF | REVENT SC | ORING | | | | | |
| | 2366CC 22R OHC ENG - 1981-90 - 4 Cyl 92 MM Bore (1981-82 CORONA) (1981-83 CELICA) (1981-90 PICKUP) (1984 4RUNNER) | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 27101 | 214 224 | | .417 .429 | 105 115 | 110 | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200. | 27201 | 224 234 | | .429 .441 | 105 115 | 110 | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | IN LUBRICA | NT. | | | | | |
| | | | | /EAR SURF/ | | | | | | | | |
| | | | CONTAINE | | | | | | | | | |
| | 2366CC 22RE OHC ENG - 198 | 9-95 - 4 Cyl 9 | 92 MM Bore (| 2 WHEEL [| ORIVE & 4 | WHEEL DF | RIVE | | | | | |
| | PICKUP & 4 RUNNER) (MULT | -PORT FUEL | INJECTION E | NGINES) | | | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 27101 | 214 224 | | .417 .429 | 105 115 | 110 | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200. | 27201 | 224 234 | | .429 .441 | 105 115 | 110 | | | | | |
| | Mell Lube | M-10012 | ENGINE A | SSEMBLY A | ND BREAK- | | NT. | | | | | |
| | | | | | | | | | | | | |

PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z

CONTAINER.

SPORT COMPACT PERFORMANCE - TOYOTA CARS & TRUCKS (Continued)

| Line No. | Part Title | Part No. | | | Description | | | | | | | |
|-------------|---|-----------------|----------------------|--------------------------|---------------------------------------|-----------------------|-----------------------|--|--|--|--|--|
| 4 | 2366CC 22REC OHC ENG - 19 | 83-89 - 4 Cyl 9 | 2 MM Bore | e (1984-88 T | RUCK) (19 | 83-85 CEL | ICA) | | | | | |
| | (1985-89 4RUNNER) (MULTI-P | ORT FUEL INJE | CTION ENG | GINES) | | | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 27101 | 214 224 | | .417 .429 | 105 115 | 110 | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200. | 27201 | 224 234 | | .429 .441 | 105 115 | 110 | | | | | |
| 5 | Mell Lube M-10012 ENGINE ASSEMBLY AND BREAK-IN LUBRICANT. PLATES WEAR SURFACES TO PREVENT SCORING PLATES WEAR SURFACES TO PREVENT SCORING AND GALLING DURING ENGINE START UP. 40Z CONTAINER. 2366CC 22RTEC OHC ENG - 1985-88 - 4 Cyl 92 MM Bore (1985-88 TRUCK) (1985-88 4RUNNER) | | | | | | | | | | | |
| | 2366CC 22RTEC OFC ENG - 1985-88 - 4 Cyl 92 MM Bore (1985-88 TRUCK) (1985-88 4RUNNER) (OHC TURBO ENGINES) | | | | | | | | | | | |
| | Camshafts Using Mechanical Flat Tappet Lifters | | Degrees .050" dur | Degrees ADV. Dur | Inches Valve lift | Degrees Lobe cntr. | Degrees Separation | | | | | |
| | | | Int. Exh. | Int. Exh. | Int. Exh. | Int. Exh. | | | | | | |
| | CLASS I. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 1000-4500. | 27101 | 214 224 | | .417 .429 | 105 115 | 110 | | | | | |
| | CLASS II. NOT CALIFORNIA COMPLIANT. NOT COMPUTER COMPATIBLE. POWER RANGE 2200-5200. | 27201 | 224 234 | | .429 .441 | 105 115 | 110 | | | | | |
| | Mell Lube | M-10012 | PLATES W | /EAR SURF/ ING DURING | ND BREAK- ACES TO PF G ENGINE S | REVENT SCO | ORING | | | | | |

| | Oil Pump | Screens | |
|-------|----------|----------|-------|
| 54-DS | 55-S1 | 55-S2 | 55-S3 |
| | | | |
| 68-S | 68-S3 | 68-S4 | 68-S5 |
| Co | 0 | | |
| 83-S | 83-S1 | 210S | 220S |
| | | | |
| 241S | 303S | 304S | 305S |
| | 0 | 9 | |
| 324S | 331S | 335S | 12557 |
| | | | |
| 12558 | 12559 | 12564 | 12566 |



Melling Select's Pressure Relief Spring Packs provide an economical way to adjust the relief pressure on the small block or big block Chevy oil pumps without the need to cut coils or add shims which can be risky.

The springs are manufactured using the best suited alloyed steel which resists fatigue and are designed to provide long life. Melling Select Oil Pressure Spring Packs include 5 springs in each package.



PACKAGE CONTENTS

| Part# | Qty | Spring # | Pressure | Color | QtyPin # | For Use With |
|-------|-----|-----------|----------|--------|----------------|--|
| 55049 | (5) | M-29009-A | 49# | GREEN | (5) M15509 | M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554* |
| 55058 | (5) | 14024240 | 58# | YELLOW | (5) M15509 | M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554* |
| 55070 | (5) | M-98015 | 70# | PINK | (5) M15509 | M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554* |
| 55078 | (5) | M-46557 | 78# | GREEN | (5) M15509 | M-55, M-55HV, M155, M155HV, 10550*, 10551*, 10553*, 10554* |
| 77052 | (5) | M-77007 | 52# | PLAIN | (5) M15509 | M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774* |
| 77060 | (5) | M-77009 | 60# | BLUE | (5) M15509 | M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774* |
| 77070 | (5) | 3870399 | 70# | PINK | (5) M15509 | M-77, M-77HV, M-77G, M307, M-99HV-S, 10770*, 10774* |
| 5556F | (5) | M-55097 | 50-60# | PLAIN | (NOT REQUIRED) | 10552*, 10552C*, 10555*, 10555C* |
| 5570F | (5) | M-55096 | 70# | PINK | (NOT REQUIRED) | 10552*, 10552C*, 10555*, 10555C* |
| 7752M | (5) | M-77007 | 52# | PLAIN | (NOT REQUIRED) | 10778* & 10778C* |
| 7760M | (5) | M-77009 | 60# | BLUE | (NOT REQUIRED) | 10778* & 10778C* |
| 7770M | (5) | 3870399 | 70# | PINK | (NOT REQUIRED) | 10778* & 10778C* |

*Additional performance oil pump application information available in the Melling Select performance catalog



Melling Select Performance Oil Pump Intermediate Shafts

GM Applications:

12550, Performance upgrade for IS-55E and IS-55G. Manufactured from Chrome Moly steel for improved shaft strength. Special collar design allows the intermediate shaft to snap onto the oil pump drive shaft while still allowing for mis-alignment of pump drive shaft to the distributor drive shaft caused by tolerance stack-up within the engine.

12770, Performance upgrade for IS-77 and IS-77A. Manufactured from Chrome Moly steel for improved shaft strength. Special collar design allows the intermediate shaft to snap onto the oil pump drive shaft while still allowing for mis-alignment of pump drive shaft to the distributor drive shaft caused by tolerance stack-up within the engine.

Ford Applications:

12600, Performance upgrade for IS-60. Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

12680, Performance upgrade for IS-68. Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

12830, Performance upgrade for IS-83. Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

12840, Performance upgrade for IS-84. Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

12844, Performance upgrade for IS-84A. Manufactured from Chrome Moly steel for improved shaft strength. Heat treated and centerless ground.

Chrysler Applications:

12630, Performance upgrade for IS-63. Gear press fit and pinned to drive shaft. Drive shaft manufactured from Chrome Moly steel for improved shaft strength.

12720, Performance upgrade for IS-72. Gear press fit and pinned to drive shaft. Drive shaft manufactured from Chrome Moly steel for improved shaft strength.



RETRO-FIT ROLLER CAMSHAFTS & LIFTERS



| APPLICATION/CLASS | CAM | VALVE LIFT INT. / EXH. | DUR @ .050 INT. / EXH. | LOBE CTR. Int. / Exh. | LOBE SEP. |
|------------------------|-------|---------------------------|---------------------------|--------------------------|-----------|
| SB CHEV CLASS I | 22135 | .470 / .490 | 206 / 214 | 108/116 | 112 |
| | 22136 | .470 / .480 | 215 / 230 | 106 / 114 | 110 |
| SB CHEV CLASS II | 22237 | .470 / .490 | 215 / 224 | 108 / 116 | 112 |
| | 22238 | .470 / .470 | 215 / 215 | 106 / 114 | 110 |
| BB CHEV CLASS I | 22141 | .502 / .510 | 216 / 228 | 108 / 116 | 112 |
| | 22236 | .527 / .544 | 224 / 234 | 106 / 114 | 110 |
| SB FORD CLASS I | 24110 | .444 / .444 | 210/211 | 116/115 | 115.5 |
| | 24226 | .490 / .508 | 212 / 222 | 107 / 117 | 112 |
| SB FORD CLASS II | 24214 | .498 / .498 | 219/219 | 110/110 | 110 |



| SB817RF16 | SMALL BLOCK CHEVY 1985 & OLDER |
|-----------|---------------------------------|
| SB079RF16 | SMALL BLOCK CHEVY 1986 & NEWER |
| BB817RF16 | BIG BLOCK CHEVY 1987 & OLDER |
| BB969RF16 | BIG BLOCK CHEVY 1988 & NEWER |
| F1900RF16 | WINDSOR/CLEVELAND 351-400 & 302 |

** Always consult catalogs listings for detailed application information**

CAMSHAFT SPECIFICATIONS

| _ | | _ | | | | SAE Specs | | | _ | | | |
|-------------|--------------|------------------|-------------------------|--------------------|---------------------|-----------------------|-------------------------|--------------|---------------------|--------------------|------|--------------|
| Part No. | | Spee Opens | cs @ 0.50 Car Closes | n Lift Duration | (0.06/Rock Opens | er Arm Rati Closes | o) Cam Lift Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash |
| 21300 | INT. | 10 BTC | 44 ABC | 234 | 42 BTC | 84 ABC | 306 | .325 | .520 | 107 | 1.6 | HYD. |
| | EXH. | 59 BBC | 5 ATC | 244 | 91 BBC | 45 ATC | 316 | .339 | .542 | 117 | | HYD. |
| 22100 | INT. | -11 BTC | 23 ABC | 192 | 22 BTC | 69 ABC | 271 | .234 | .398 | 107 | 1.7 | HYD. |
| | EXH. | 37 BBC | -14 ATC | 203 | 70 BBC | 31 ATC | 281 | .253 | .430 | 117 | | HYD. |
| 22107 | INT. | -3 BTC | 31 ABC | 208 | 25 BTC | 75 ABC | 280 | .272 | .408 | 107 | 1.5 | HYD. |
| | EXH. | 37 BBC | -9 ATC | 208 | 65 BBC | 35 ATC | 280 | .272 | .408 | 113 | _ | HYD. |
| 22108 | INT. | -12 BTC | 16 ABC | 184 | 22 BTC | 58 ABC | 260 | .245 | .367 | 104 | | HYD. |
| 22109 | EXH. INT. | 21 BBC -7 BTC | -7 ATC 21 ABC | 194 194 | 54 BBC 26 BTC | 36 ATC 64 ABC | 270 270 | .265 .265 | .398 .398 | 104 104 | | HYD. HYD. |
| 22109 | EXH. | 26 BBC | -2 ATC | 194 204 | 26 BTC 58 BBC | 64 ABC 40 ATC | 270 278 | .265 .280 | .398 | 104 | | HYD. |
| 22110 | INT. | -8 BTC | 32 ABC | 204 | 24 BTC | 74 ABC | 278 | .280 | .421 | 110 | | HYD. |
| 22110 | EXH. | 37 BBC | -3 ATC | 204 | 69 BBC | 39 ATC | 288 | .295 | .443 | 110 | | HYD. |
| 22111 | INT. | -10 BTC | 24 ABC | 194 | 23 BTC | 67 ABC | 270 | .265 | .398 | 107 | _ | HYD. |
| 22111 | EXH. | 39 BBC | -15 ATC | 204 | 71 BBC | 27 ATC | 278 | .280 | .421 | 117 | | HYD. |
| 22113 | INT. | -7 BTC | 21 ABC | 194 | 26 BTC | 64 ABC | 270 | .265 | .398 | 104 | | HYD. |
| 22110 | EXH. | 26 BBC | -2 ATC | 204 | 58 BBC | 40 ATC | 278 | .280 | .421 | 104 | | HYD. |
| 22114 | INT. | -2 BTC | 30 ABC | 208 | 32 BTC | 68 ABC | 280 | .280 | .420 | 106 | | HYD. |
| | EXH. | 40 BBC | -12 ATC | 208 | 74 BBC | 26 ATC | 280 | .280 | .420 | 116 | | HYD. |
| 22115 | INT. | -2 BTC | 32 ABC | 209 | 30 BTC | 73 ABC | 283 | .290 | .435 | 107 | | HYD. |
| | EXH. | 45 BBC | -9 ATC | 216 | 75 BBC | 31 ATC | 286 | .303 | .455 | 117 | | HYD. |
| 22116 | INT. | -18 BTC | 28 ABC | 190 | 26 BTC | 71 ABC | 277 | .232 | .406 | 113 | 1.75 | HYD |
| | EXH. | 25 BBC | -15 ATC | 190 | 69 BBC | 28 ATC | 277 | .232 | .406 | 110 | | HYD |
| 22117 | INT. | -8 BTC | 32 ABC | 204 | 24 BTC | 76 ABC | 280 | .253 | .441 | 109 | | HYD. |
| | EXH. | 36 BBC | -12 ATC | 204 | 68 BBC | 32 ATC | 280 | .253 | .442 | 115 | | HYD. |
| 22118 | INT. | -17 BTC | 29 ABC | 192 | 32 BTC | 78 ABC | 290 | .230 | .403 | 113 | | HYD. |
| | EXH. | 26 BBC | -14 ATC | 192 | 75 BBC | 35 ATC | 290 | .230 | .403 | 110 | | HYD. |
| 22119 | INT. | -7 BTC | 29 ABC | 202 | 21 BTC | 70 ABC | 271 | .269 | .403 | 108 | 1.5 | HYD. |
| | EXH. | 41 BBC | -8 ATC | 213 | 70 BBC | 34 ATC | 284 | .273 | .409 | 116 | | HYD. |
| 22120 | INT. | -7 BTC | 29 ABC | 202 | 21 BTC | 70 ABC | 271 | .269 | .403 | 108 | | HYD. |
| 00101 | EXH. | 41 BBC | -8 ATC | 213 | 70 BBC | 34 ATC | 284 | .273 | .409 | 116 | _ | HYD. |
| 22121 | INT. EXH. | -9 BTC 37 BBC | 31 ABC | 202 | 17 BTC | 72 ABC | 269 | .269 | .404 | 110 | | HYD. |
| 22123 | INT. | -10 BTC | -10 ATC 33 ABC | 207 203 | 63 BBC 18 BTC | 28 ATC 73 ABC | 271 271 | .276 .273 | .414 .410 | <u>114</u> 111 | | HYD. HYD. |
| 22123 | EXH. | 41 BBC | -7 ATC | 203 214 | 69 BBC | 36 ATC | 285 | .273 | .410 | 115 | | HYD. |
| 22124 | INT. | -7 BTC | 29 ABC | 202 | 20 BTC | 71 ABC | 203 | .267 | .401 | 108 | | HYD. |
| 22127 | EXH. | 37 BBC | -4 ATC | 213 | 65 BBC | 38 ATC | 283 | .273 | .410 | 112 | | HYD. |
| 22125 | INT. | 7 ATC | 29 ABC | 202 | 20 BTC | 71 ABC | 271 | .267 | .401 | 108 | | HYD. |
| | EXH. | | 4 BTC | 213 | 65 BBC | 38 ATC | 283 | .273 | .410 | 112 | | HYD. |
| 22126 | INT. | -10 BTC | 24 ABC | 194 | 23 BTC | 65 ABC | 268 | .265 | .398 | 107 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 75 BBC | 33 ATC | 288 | .294 | .441 | 117 | | HYD. |
| 22127 | INT. | -12 BTC | 22 ABC | 190 | 17 BTC | 64 ABC | 261 | .258 | .438 | 106 | 1.7 | HYD. |
| | EXH. | 35 BBC | -13 ATC | 202 | 62 BBC | 30 ATC | 272 | .273 | .465 | 114 | | HYD. |
| 22128 | INT. | -2 BTC | 32 ABC | 210 | 26 BTC | 67 ABC | 273 | .319 | .478 | 107 | 1.5 | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 72 BBC | 25 ATC | 277 | .324 | .487 | 117 | | HYD. |
| 22129 | INT. | -9 BTC | 27 ABC | 198 | 27 BTC | 66 ABC | 273 | .289 | .434 | 108 | | HYD |
| | EXH. | 41 BBC | -11 ATC | 210 | 78 BBC | 30 ATC | 288 | .308 | .462 | 116 | | HYD |
| 22131 | INT. | -14 BTC | 41 ABC | 207 | 14 BTC | 77 ABC | 271 | .273 | .410 | 117 | | HYD |
| | EXH. | 43 BBC | -9 ATC | 214 | 74 BBC | 26 ATC | 280 | .284 | .427 | 117 | _ | HYD |
| 22135 | INT. | | | 206 | | | 265 | .313 | .470 | 108 | | HYD |
| | EXH. | | | 214 | | | 274 | .327 | .490 | 116 | _ | HYD |
| 22136 | INT. | | | 215 | | | 284 | .313 | .470 | 106 | | HYD |
| 00141 | EXH. | | | 230 | | | 310 | .320 | .480 | 114 | 17 | HYD |
| 22141 | INT. | | | 216 | | | 288 | .295 | .501 | 108 | 1.7 | HYD |
| 00000 | EXH. | 1.010 | 10 400 | 228 | 20.070 | 00 400 | 300 | .300 | .510 | 116 | 4.5 | HYD |
| 22200 | INT. EXH. | 1 BTC 49 BBC | 42 ABC -6 BTC | 223 223 | 30 BTC 78 BBC | 80 ABC 32 ATC | 290 | .298 .298 | .447 | 110 | 1.5 | HYD. HYD. |
| 22201 | INT. | 49 BBC 1 BTC | 42 ABC | 223 | 31 BTC | 32 ATC 80 ABC | 290 291 | .298 | .447 | 118 110 | 1.7 | HYD. HYD |
| 22201 | EXH. | | 42 ABC -6 ATC | 223 | 79 BBC | 32 ATC | 291 | .333 .333 | .566 | 118 | 1.7 | HYD. |
| 22203 | INT. | 0 BTC | 34 ABC | 223 | 32 BTC | 76 ABC | 291 | .333 | .300 | 107 | 1.5 | HYD. |
| 00 | | 0010 | | L 17 | 02 010 | | 200 | .230 | | 107 | 1.0 | IIID. |

| | | | | | | AE Specs@ | | | | | | |
|-------------|--------------|------------------|------------------------|--------------------|----------------------|----------------------|--------------------------|--------------|---------------------|--------------------|------|-------------------------|
| Part No. | | Spec Opens | s @ 0.50 Car Closes | n Lift Duration | (0.06/Rocke Opens | r Arm Rati Closes | io) Cam Lift Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| | EXH. | 49 BBC | -5 ATC | 224 | 81 BBC | 37 ATC | 298 | .311 | .466 | 117 | | HYD. |
| 22204 | INT. | -1 BTC | 35 ABC | 214 | 32 BTC | 80 ABC | 292 | .296 | .503 | 108 | 1.7 | HYD. |
| | EXH. | 48 BBC | -4 BTC | 224 | 82 BBC | 40 ATC | 302 | .311 | .528 | 116 | | HYD. |
| 22210 | INT. | -3 BTC | 47 ABC | 224 | 27 BTC | 84 ABC | 291 | .300 | .450 | 114 | 1.5 | HYD. |
| | EXH. | 46 BBC | -2 ATC | 224 | 75 BBC | 32 ATC | 287 | .307 | .460 | 114 | | HYD. |
| 22213 | INT. | 0 BTC | 34 ABC | 214 | 31 BTC | 76 ABC | 287 | .296 | .444 | 107 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 75 BBC | 32 ATC | 287 | .296 | .444 | 117 | | HYD. |
| 22214 | INT. | -2 BTC | 36 ABC | 214 | 32 BTC | 81 ABC | 293 | .296 | .503 | 109 | 1.7 | HYD. |
| | EXH. | 46 BBC | -12 ATC | 214 | 80 BBC | 33 ATC | 293 | .296 | .503 | 119 | | HYD. |
| 22215 | INT. | 1 BTC | 37 ATC | 218 | 32 BTC | 83 ABC | 295 | .286 | .429 | 108 | 1.5 | HYD. |
| | EXH. | 41 BBC | -3 ATC | 218 | 72 BBC | 43 ATC | 295 | .286 | .429 | 112 | | HYD. |
| 22216 | INT. | -4 BBC | 38 ABC | 214 | 29 BTC | 81 ABC | 290 | .270 | .476 | 110 | 1.76 | HYD. |
| | EXH. | 49 BBC | -11 ATC | 218 | 86 BBC | 37 ATC | 303 | .282 | .496 | 120 | | HYD. |
| 22217 | INT. | -4 BTC | 39 ABC | 214 | 28 BTC | 81 ABC | 289 | .270 | .460 | 110 | 1.7 | HYD. |
| | EXH. | 49 BBC | -10 ATC | 218 | 86 BBC | 36 ATC | 301 | .282 | .479 | 120 | | HYD. |
| 22218 | INT. | -4 BTC | 38 ABC | 214 | 28 BTC | 81 ABC | 289 | .270 | .460 | 110 | | HYD. |
| | EXH. | 49 BBC | -11 ATC | 218 | 86 BBC | 36 ATC | 301 | .282 | .479 | 120 | | HYD. |
| 22219 | INT. | -3 BTC | 47 ABC | 224 | 29 BTC | 85 ABC | 294 | .300 | .510 | 114 | | HYD. |
| | EXH. | 48 BBC | -4 ATC | 224 | 80 BBC | 34 ATC | 294 | .300 | .510 | 117 | | HYD. |
| 22220 | INT. | -3 BTC | 47 ABC | 224 | 28 BTC | 85 ABC | 293 | .300 | .510 | 114 | | HYD. |
| 00004 | EXH. | 48 BBC -8 BTC | -4 ATC | 224 | 79 BBC | 34 ATC | 293 | .300 | .510 | 117 | 4.5 | HYD. |
| 22221 | INT. | | 25 ABC | 197 | 19 BTC | 62 ABC | 261 | .289 | .433 | 105 | 1.5 | HYD |
| 00000 | EXH. INT. | 36 BBC -9 BTC | -10 ATC 31 ABC | 206 202 | 64 BBC 27 BTC | 32 ABC 71 ABC | 276 278 | .300 | .450 | 114 108 | | HYD HYD |
| 22222 | | -9 BTC 40 BBC | | | | | | .269 | .403 | 108 | | HYD |
| 22223 | EXH. INT. | 40 BBC | -6 ATC 44 ABC | 214 224 | 75 BBC 37 BTC | 39 ATC 79 ABC | 294 296 | .273 .284 | .410 .483 | 113 | 1.7 | Hyd |
| 22223 | EXH. | 51 BBC | -7 ATC | 224 224 | 88 BBC | 28 ATC | 296 296 | .204 .284 | .403 | 118 | 1.7 | Hyd |
| 22230 | INT. | 2 BTC | 32 ABC | 224 | 34 BTC | 74 ABC | 290 | .204 | .403 | 105 | 1.5 | HYD |
| 22230 | EXH. | 42 BBC | -8 ATC | 214 | 74 BBC | 34 ATC | 287 | .290 | .444 | 115 | 1.5 | HYD |
| 22232 | INT. | 4 BTC | 36 ABC | 220 | 46 BTC | 78 ABC | 304 | .312 | .468 | 106 | | HYD |
| LLLOL | EXH. | 49 BBC | 2 ATC | 231 | 73 BBC | 34 ATC | 287 | .320 | .480 | 114 | | HYD |
| 22233 | INT. | 5 BTC | 39 ABC | 224 | 43 BTC | 77 ABC | 300 | .291 | .436 | 107 | | HYD |
| 00 | EXH. | 41 BBC | 3 ATC | 224 | 79 BBC | 41 ATC | 300 | .291 | .436 | 109 | | HYD |
| 22234 | INT. | 7 BTC | 37 ABC | 224 | 34 BTC | 69 ABC | 283 | .320 | .480 | 107 | | HYD |
| | EXH. | 51 BBC | -1 ATC | 230 | 78 BBC | 33 ATC | 291 | .324 | .486 | 113 | | HYD |
| 22235 | INT. | | | 224 | | | 224 | .310 | .465 | 112 | | HYD |
| | EXH. | | | 224 | | | 224 | .310 | .465 | 112 | | HYD |
| 22236 | INT. | | | 224 | | | 296 | .310 | .527 | 106 | 1.7 | HYD |
| | EXH. | | | 234 | | | 308 | .320 | .544 | 114 | | HYD |
| 22237 | INT. | | | 215 | | | 284 | .313 | .470 | 108 | 1.5 | HYD |
| | EXH. | | | 224 | | | 296 | .327 | .490 | 116 | | HYD |
| 22238 | INT. | | | 215 | | | 284 | .313 | .470 | 106 | | HYD |
| | EXH. | | | 215 | | | 284 | .313 | .470 | 114 | | HYD |
| 22280 | INT. | | | 220 | | | 283 | .330 | .495 | 107 | | HYD |
| | EXH. | | | 224 | | | 287 | .335 | .502 | 113 | | HYD |
| 22296 | INT. | 0 BTC | 42 ABC | 222 | 33 BTC | 94 ABC | 310 | .294 | .500 | 110 | 1.7 | HYD. |
| | EXH. | 57 BBC | -2 ATC | 235 | 100 BBC | 45 ATC | 325 | .297 | .505 | 120 | | HYD. |
| 22297 | INT. | 0 BTC | 36 ABC | 216 | 36 BTC | 72 ABC | 288 | .295 | .502 | 108 | | HYD |
| | EXH. | 50 BBC | -2 ATC | 228 | 86 BBC | 34 ATC | 300 | .300 | .510 | 116 | | HYD |
| 22298 | INT. | 2 BTC | 40 ABC | 222 | 36 BTC | 81 ABC | 297 | .319 | .478 | 109 | 1.5 | HYD |
| | EXH. | 55 BBC | -3 ATC | 232 | 89 BBC | 38 ATC | 307 | .334 | .501 | 119 | | HYD |
| 22301 | INT. | 10 BTC | 42 ABC | 232 | 34 BTC | 74 ABC | 288 | .320 | .480 | 106 | | HYD. |
| | EXH. | 46 BBC | 6 ATC | 232 | 70 BBC | 38 ATC | 288 | .320 | .480 | 110 | | HYD. |
| 22302 | INT. | 9 BTC | 41 ABC | 230 | 42 BTC | 87 ABC | 309 | .302 | .513 | 106 | 1.7 | HYD. |
| 00000 | EXH. | 49 BBC | 1 ATC | 230 | 82 BBC | 47 ATC | 309 | .302 | .513 | 114 | 4.5 | HYD. |
| 22303 | INT. | 5 BTC | 39 ABC | 224 | 37 BTC | 81 ABC | 298 | .311 | .466 | 107 | 1.5 | HYD. |
| 00005 | EXH. | 54 BBC | 0 ATC | 234 | 85 BBC | 39 ATC | 304 | .325 | .488 | 117 | | HYD. |
| 22305 | INT. | 10 BTC | 44 ABC | 234 | 41 BTC | 82 ABC | 303 | .325 | .488 | 107 | | HYD. |
| · | EXH. | 59 BBC | 5 ATC | 244 | 90 BBC | 43 ATC | 313 | .339 | .508 | 117 | | HYD. |

| | | _ | | | | AE Specs | | _ | - | | | |
|-------------|--------------|------------------|------------------------|--------------------|---------------------|-----------------------|--------------------------|--------------|---------------------|--------------------|------|--------------|
| Part No. | | Spec Opens | s @ 0.50 Car Closes | m Lift Duration | (0.06/Rock Opens | er Arm Rati Closes | io) Cam Lift Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash |
| 22306 | INT. | 2 BTC | 42 ABC | 224 | 36 BTC | 86 ABC | 302 | .311 | .528 | 110 | 1.7 | HYD. |
| | EXH. | 55 BBC | -1 ATC | 234 | 88 BBC | 40 ATC | 308 | .325 | .552 | 118 | | HYD. |
| 22320 | INT. | 3 BTC | 47 ABC | 230 | 34 BTC | 90 ABC | 304 | .302 | .453 | 112 | 1.5 | HYD. |
| | EXH. | 51 BBC | -1 ATC | 230 | 82 BBC | 42 ATC | 304 | .302 | .453 | 116 | | HYD. |
| 22396 | INT. | 12 BTC | 50 ABC | 242 | 42 BTC | 88 ABC | 310 | .306 | .520 | 108 | 1.7 | .020 |
| 00007 | EXH. | 60 BBC | 2 ATC | 242 | 84 BBC | 33 ATC | 297 | .306 | .520 | 120 | 4.5 | .024 |
| 22397 | INT. EXH. | 10 BTC 56 BBC | 44 ABC | 234 | 37 BTC 83 BBC | 79 ABC | 296 | .358 | .538 | 107 | 1.5 | HYD |
| 22398 | INT. | 10 BTC | 2 ATC 44 ABC | 238 234 | 37 BTC | 37 ATC 79 ABC | 300 296 | .364 .358 | .546 .538 | 117 107 | | HYD HYD |
| 22390 | EXH. | 56 BBC | 2 ATC | 234 | 83 BBC | 37 ATC | 290 300 | .358 .364 | .536 | 117 | | HYD |
| 22400 | INT. | 19 BTC | 58 ABC | 257 | 40 BTC | 84 ABC | 304 | .329 | .494 | 108 | | .022 |
| 22400 | EXH. | 70 BBC | 20 ATC | 270 | 91 BBC | 49 ATC | 320 | .341 | .512 | 116 | | .024 |
| 22401 | INT. | 15 BTC | 49 ABC | 244 | 46 BTC | 87 ABC | 313 | .339 | .508 | 107 | | HYD. |
| 22401 | EXH. | 63 BBC | 11 ATC | 254 | 95 BBC | 53 ATC | 328 | .355 | .533 | 117 | | HYD. |
| 22402 | INT. | 16 BTC | 44 ABC | 240 | 37 BTC | 67 ABC | 282 | .347 | .521 | 104 | | .024 |
| | EXH. | 52 BBC | 18 ATC | 250 | 72 BBC | 38 ATC | 290 | .347 | .521 | 108 | | .024 |
| 22404 | INT. | 30 BTC | 48 ABC | 258 | 46 BTC | 64 ABC | 290 | .358 | .538 | 99 | | .026 |
| | EXH. | 64 BBC | 22 ATC | 266 | 80 BBC | 38 ATC | 298 | .371 | .556 | 111 | | .026 |
| 22410 | INT. | 16 BTC | 58 ABC | 254 | 35 BTC | 79 ABC | 294 | .323 | .484 | 110 | | .030 |
| | EXH. | 64 BBC | 10 ATC | 254 | 83 BBC | 31 ATC | 294 | .323 | .484 | 118 | | .030 |
| 22427 | INT. | 22 BTC | 62 ABC | 264 | 46 BTC | 96 ABC | 322 | .329 | .559 | 108 | 1.7 | .022 |
| | EXH. | 70 BBC | 20 ATC | 270 | 92 BBC | 50 ATC | 322 | .341 | .580 | 116 | | .026 |
| 22450 | INT. | 21 BTC | 61 ABC | 262 | 42 BTC | 87 ABC | 309 | .341 | .512 | 108 | 1.5 | .022 |
| | EXH. | 71 BBC | 22 ATC | 273 | 90 BBC | 48 ATC | 318 | .357 | .536 | 116 | | .024 |
| 22460 | INT. | 17 BTC | 49 ABC | 246 | 45 BTC | 77 ABC | 302 | .339 | .508 | 106 | | HYD |
| | EXH. | 55 BBC | 11 ATC | 246 | 83 BBC | 39 ATC | 302 | .339 | .508 | 112 | | HYD |
| 22471 | INT. | 10 BTC | 50 ABC | 240 | 41 BTC | 84 ABC | 305 | .329 | .559 | 110 | 1.7 | HYD |
| | EXH. | 57 BBC | 9 ATC | 246 | 87 BBC | 44 ATC | 311 | .337 | .572 | 114 | | HYD |
| 22472 | INT. | 6 BTC | 51 ABC | 237 | 49 BTC | 106 ABC | 335 | .368 | .626 | 109 | | HYD |
| | EXH. | 54 BBC | 11 ATC | 245 | 92 BBC | 37 ATC | 329 | .376 | .639 | 115 | | HYD |
| 22480 | INT. | 12 BTC | 49 ABC | 241 | 41 BTC | 84 BBC | 305 | .329 | .559 | 110 | | HYD |
| | EXH. | 57 BBC | 9 ATC | 246 | 87 BBC | 43 ATC | 310 | .337 | .572 | 114 | _ | HYD |
| 22485 | INT. | 12 BTC | 44 ABC | 236 | 52 BTC | 84 ABC | 316 | .330 | .561 | 106 | | HYD |
| | EXH. | 57 BBC | 9 ATC | 246 | 96 BBC | 48 ATC | 324 | .340 | .578 | 114 | | HYD |
| 23103 | INT. | -15 BTC | 33 ABC | 198 | 16 BTC | 82 ABC | 278 | .273 | .410 | 114 | 1.5 | HYD. |
| 00101 | EXH. | 27 BBC | -8 ATC | 199 | 61 BBC | 41 ATC | 282 | .274 | .412 | 108 | _ | HYD. |
| 23104 | INT. | 15 ATC | 33 ABC | 198 | 16 BTC | 82 ABC | 278 | .273 | .410 | 114 | | HYD. |
| 00000 | EXH. | | 8 BTC | 199 | 61 BBC | 41 ATC | 282 | .274 | .411 | 108 | | HYD. |
| 23203 | INT. | -1 BTC | 35 ABC | 214 | 31 BTC | 77 ABC | 288 | .296 | .444 | 108 | | HYD. |
| 00004 | EXH. | | -4 ATC | 224 | 80 BBC 32 BTC | 38 ATC | 298 | .311 .295 | .466 | 116 107 | | HYD. |
| 23204 | INT. EXH. | 0 BTC 49 BBC | 34 ABC -5 ATC | 214 224 | 32 BTC 81 BBC | 76 ATC 37 ATC | 288 | .295 .301 | .443 | | | HYD. HYD. |
| 23302 | INT. | 10 BTC | 46 ABC | 224 | 43 BTC | 79 BTC | 298 302 | .301 | .452 .480 | 117 108 | | HYD. |
| 20002 | EXH. | 46 BBC | 40 ABC 10 ATC | 230 | 79 BBC | 43 ATC | 302 | .320 | .480 | 108 | | HYD. |
| 23321 | INT. | 40 000 | IUAIO | 242 | 13 000 | -0 110 | 329 | .020 | .476 | 106 | | HYD. |
| 20021 | EXH. | | | 242 | | | 329 | | .476 | 106 | | HYD. |
| 24106 | INT. | -12 BTC | 16 ABC | 184 | 18 BTC | 61 ABC | 258 | .238 | .380 | 103 | 1.6 | HYD. |
| 21100 | EXH. | 28 BBC | -16 ATC | 192 | 59 BBC | 32 ATC | 270 | .247 | .396 | 111 | | HYD. |
| 24107 | INT. | -15 BTC | 32 ABC | 197 | 18 BTC | 82 ABC | 280 | .260 | .416 | 114 | | HYD. |
| | EXH. | 38 BBC | -9 ATC | 209 | 71 BBC | 42 ATC | 293 | .278 | .444 | 114 | | HYD. |
| 24108 | INT. | -12 BTC | 22 ABC | 190 | 16 BTC | 62 ABC | 258 | 0.257 | 0.412 | 106 | | HYD. |
| | EXH. | 35 BBC | -13 ATC | 202 | 62 BBC | 29 ATC | 271 | 0.273 | 0.437 | 114 | | HYD. |
| 24110 | INT. | | | 210 | | | 298 | .278 | .444 | 116 | | HYD |
| | EXH. | | | 211 | | | 282 | .278 | .444 | 115 | | HYD |
| 24111 | INT. | -3 BTC | 31 ABC | 208 | 33 BTC | 71 ABC | 284 | .280 | .485 | 107 | 1.73 | HYD. |
| | EXH. | | -11 ATC | 208 | 75 BBC | 29 ATC | 284 | .280 | .485 | 115 | | HYD. |
| 24203 | INT. | -1 BTC | 35 ABC | 214 | 30 BTC | 78 ABC | 288 | .295 | .473 | 108 | 1.6 | HYD. |
| | EXH. | | -4 ATC | 224 | 81 BBC | 39 ATC | 300 | .310 | .497 | 116 | | HYD. |
| 24204 | INT. | 1 BTC | 33 ABC | 214 | 34 BTC | 78 ABC | 292 | .295 | .511 | 106 | 1.73 | HYD. |

| SAE Specs@ | | | | | | | | | | | | |
|-------------|--------------|------------------|------------------------|--------------------|----------------------|-----------------------|--------------------------|--------------|---------------------|--------------------|------|-------------------------|
| Part No. | | Spec Opens | s @ 0.50 Can Closes | n Lift Duration | (0.06/Rocke Opens | er Arm Rati Closes | io) Cam Lift Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| | EXH. | 50 BBC | -6 ATC | 224 | 84 BBC | 38 ATC | 302 | .310 | .537 | 118 | | HYD. |
| 24205 | INT. | 0 BDC | 34 ABC | 214 | 34 BTC | 78 ABC | 292 | .295 | .511 | 104 | | HYD. |
| | EXH. | 49 BBC | -5 ATC | 224 | 83 BBC | 39 ATC | 302 | .310 | .537 | 120 | | HYD. |
| 24206 | INT. | 0 BTC | 34 ABC | 214 | 33 BTC | 79 ABC | 292 | .296 | .511 | 107 | | HYD. |
| | EXH. | 49 BBC | -5 ATC | 224 | 83 BBC | 39 ATC | 302 | .310 | .544 | 117 | | HYD. |
| 24209 | INT. | 13 ATC | 40 ABC | 207 | 17 BTC | 85 ABC | 282 | .278 | .445 | 117 | 1.6 | HYD. |
| | EXH. | 47 BBC | 6 BTC | 221 | 83 BBC | 41 ATC | 304 | .283 | .453 | 113 | | HYD. |
| 24210 | INT. | 5 BTC | 39 ABC | 224 | 38 BTC | 82 ABC | 300 | .310 | .497 | 107 | | HYD. |
| | EXH. | 54 BBC | | 234 | 86 BBC | 40 ATC | 306 | .325 | .520 | 117 | | HYD. |
| 24211 | INT. | 5 BTC | 39 ABC | 224 | 38 BTC | 82 ABC | 300 | .310 | .497 | 107 | | HYD. |
| | EXH. | 54 BBC | | 234 | 86 BBC | 40 ATC | 306 | .325 | .520 | 117 | | HYD. |
| 24212 | INT. | 3 BTC | 35 ABC | 218 | 38 BTC | 82 ABC | 297 | .286 | .458 | 106 | | HYD. |
| | EXH. | 49 BBC | -11 ATC | 218 | 81 BBC | 36 ATC | 297 | .286 | .457 | 120 | | HYD. |
| 24213 | INT. | -1 BTC | 37 ABC | 216 | 38 BTC | 90 ABC | 308 | .285 | .493 | 109 | 1.73 | HYD. |
| | EXH. | 50 BBC | -10 ATC | 220 | 89 BBC | 43 ATC | 312 | .290 | .502 | 120 | | HYD. |
| 24214 | INT. | | | 219 | | | 285 | .311 | .498 | 110 | 1.6 | HYD |
| | EXH. | | | 219 | | | 285 | .311 | .498 | 110 | | HYD |
| 24218 | INT. | 3 BTC | 41 ABC | 224 | 37 BTC | 98 ABC | 315 | .292 | .506 | 109 | 1.73 | HYD. |
| | EXH. | 47 BBC | -3 ATC | 224 | 81 BBC | 54 ATC | 315 | .292 | .506 | 115 | | HYD. |
| 24224 | INT. | 1 BTC | 38 ABC | 219 | 42 BTC | 88 ABC | 310 | .292 | .505 | 108 | | HYD. |
| | EXH. | 49 BBC | -10 ATC | 219 | 90 BBC | 40 ATC | 310 | .292 | .505 | 120 | | HYD. |
| 24225 | INT. | 2 BTC | 37 ABC | 219 | 42 BTC | 86 ABC | 308 | .292 | .467 | 107 | 1.6 | HYD. |
| | EXH. | 48 BBC | 9 ATC | 219 | 88 ABC | 40 ATC | 308 | .292 | .467 | 119 | | HYD. |
| 24226 | INT. | -3 BTC | 35 ABC | 212 | 33 BTC | 76 ABC | 289 | .307 | .491 | 107 | | HYD. |
| | EXH. | 49 BBC | -7 ATC | 222 | 84 BBC | 36 ATC | 300 | .318 | .509 | 117 | | HYD. |
| 24227 | INT. | 5 BTC | 37 ABC | 222 | 40 BTC | 80 ABC | 300 | .318 | .509 | 107 | | HYD. |
| | EXH. | 55 BBC | -3 ATC | 232 | 90 BBC | 39 ATC | 309 | .332 | .532 | 117 | | HYD. |
| 24280 | INT. | 1 BTC | 39 ABC | 220 | 29 BTC | 76 ABC | 286 | .320 | .512 | 109 | | HYD. |
| | EXH. | 46 BBC | -3 ATC | 223 | 76 BBC | 36 ATC | 292 | .320 | .512 | 115 | | HYD. |
| 24301 | INT. | 9 BTC | 42 ABC | 231 | 34 BTC | 74 ABC | 288 | .320 | .512 | 106 | | HYD. |
| | EXH. | 49 BBC | 2 ATC | 231 | 74 BBC | 34 ATC | 288 | .320 | .512 | 114 | 4 =0 | HYD. |
| 24302 | INT. | 7 BTC | 43 ABC | 230 | 39 BTC | 85 ABC | 304 | .320 | .554 | 107 | 1.73 | HYD. |
| 04005 | EXH. | 45 BBC | 5 ATC | 230 | 77 BBC | 47 ATC | 304 | .320 | .554 | 111 | 10 | HYD. |
| 24305 | INT. | 6 BTC | 41 ABC | 227 | 37 BTC | 81 ABC | 298 | .325 | .520 | 107 | 1.6 | HYD |
| 24401 | EXH. INT. | 54 BBC 17 BTC | 47 ABC | 234 244 | 85 BBC 40 BTC | 37 ATC | 302 | .325 .329 | .520 | 117 | 1 70 | HYD |
| 24401 | | | | | | 72 ABC | 292 | | .569 | 104 | 1.73 | .026 .026 |
| 04406 | EXH. | 54 BBC | 20 ATC | 254 | 79 BBC | 42 ATC | 301 | .341 | .589 | 108 | | |
| 24406 | INT. EXH. | 15 BTC 63 BBC | 49 ABC 11 ATC | 244 254 | 40 BTC 88 BBC | 74 ABC 36 ATC | 294 | .340 | .588 .614 | 107 | | .026 .026 |
| 25211 | INT. | 1 BTC | 33 ABC | 234 | 33 BTC | 76 ABC | 304 289 | .355 .296 | .473 | 117 106 | 1.6 | .020 HYD. |
| 23211 | EXH. | 50 BBC | -6 BTC | 214 | 83 BBC | 37 ATC | 300 | .230 | .497 | 118 | 1.0 | HYD. |
| 25309 | INT. | 12 BTC | 52 ABC | 244 | 42 BTC | 92 ABC | 314 | 0.297 | .475 | 110 | - | HYD. |
| 20000 | EXH. | 52 BBC | 12 ATC | 244 | 82 BBC | 52 ATC | 314 | 0.297 | .475 | 110 | | HYD. |
| 25310 | INT. | 9 BTC | 43 ABC | 232 | 48 BTC | 101 ABC | 329 | 0.296 | .474 | 112 | - | HYD. |
| | EXH. | 55 BBC | -3 ATC | 232 | 94 BBC | 55 ATC | 329 | 0.296 | .474 | 114 | | HYD |
| 26204 | INT. | -1 BTC | 35 ABC | 214 | 31 BTC | 76 ABC | 288 | .296 | .443 | 108 | 1.5 | HYD. |
| _0_0 | EXH. | 48 BBC | -4 BTC | 224 | 80 BBC | 38 ATC | 298 | .311 | .466 | 116 | | HYD. |
| 26303 | INT. | 0 BTC | 44 ABC | 224 | 32 BTC | 86 ATC | 298 | 0.271 | .407 | 112 | | HYD. |
| | EXH. | 57 BBC | -1 ATC | 236 | 87 BBC | 43 ATC | 310 | 0.271 | .407 | 119 | | HYD. |
| 26308 | INT. | 3 BTC | 48 ABC | 231 | 36 BTC | 88 ABC | 304 | .313 | .470 | 112 | | HYD. |
| | EXH. | 54 BBC | 6 ATC | 240 | 87 BBC | 49 ATC | 316 | .131 | .470 | 115 | | HYD. |
| 27101 | INT. | 2 BTC | 32 ABC | 214 | 0 BTC | | | .267 | .417 | 105 | 1.56 | .012 |
| | EXH. | 47 BBC | -3 ATC | 224 | | | | .275 | .429 | 115 | | .012 |
| 27201 | INT. | 7 BTC | 37 ABC | 224 | 0 BTC | | | .275 | .429 | 105 | | .012 |
| | EXH. | 52 BBC | 2 ATC | 234 | | | | .283 | .441 | 115 | | .012 |
| C-410-P | INT. | -3 BTC | 47 ABC | 224 | 27 BTC | 84 ABC | 291 | .300 | .450 | 114 | 1.5 | HYD. |
| | EXH. | 46 BBC | -2 ATC | 224 | 75 BBC | 32 ATC | 287 | .306 | .460 | 114 | | HYD. |
| CCR-9 | INT. | | | | | | 276 | .263 | | | | |
| | EXH. | | | | | | 268 | .263 | | | | |

| SAE Specs@ | | | | | | | | | | | | |
|------------|------|---------|--------------|----------|-------------|-------------|-------------|------|------------|----------|--------|------------|
| Part | | Spec | s @ 0.50 Car | n Lift | (0.06/Rocke | er Arm Rati | o) Cam Lift | Cam | Gross | Center | Rocker | Valve Lash |
| No. | | Opens | Closes | Duration | Opens | Closes | Duration | Lift | Valve Lift | Line C/L | - | Clearance |
| MTA-1 | INT. | -3 ATC | 27 ABC | 204 | 30 BTC | 70 ABC | 280 | .280 | .449 | 105 | 1.6 | HYD. |
| | EXH. | 42 BBC | -8 ATC | 214 | 74 BBC | 35 ATC | 289 | .296 | .473 | 115 | | HYD. |
| MTB-1 | INT. | -10 BTC | 34 ABC | 204 | 23 BTC | 77 ABC | 280 | .280 | .449 | 112 | | HYD. |
| | EXH. | 39 BBC | -5 ATC | 214 | 72 BBC | 38 ATC | 290 | .296 | .473 | 112 | | HYD. |
| MTB-2 | INT. | -12 ATC | 26 ABC | 194 | 22 BTC | 70 ABC | 272 | .265 | .424 | 109 | | HYD. |
| | EXH. | 41 BBC | -17 ATC | 204 | 74 BBC | 26 ATC | 280 | .280 | .449 | 119 | | HYD. |
| MTC-1 | INT. | -5 ATC | 29 ABC | 204 | 27 BTC | 71 ABC | 278 | .280 | .421 | 107 | 1.5 | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 76 BBC | 32 ATC | 288 | .296 | .444 | 117 | | HYD. |
| MTC-5 | INT. | -5 BTC | 29 ABC | 204 | 27 BTC | 71 ABC | 278 | .280 | .421 | 107 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 76 BBC | 32 ATC | 288 | .295 | .443 | 117 | | HYD. |
| MTC-6 | INT. | -6 BTC | 30 ABC | 204 | 36 BTC | 72 ABC | 288 | .270 | .459 | 108 | 1.7 | HYD. |
| | EXH. | 40 BBC | -12 ATC | 208 | 86 BBC | 32 ATC | 298 | .270 | .459 | 116 | | HYD. |
| MTD-1 | INT. | -6 BTC | 30 ABC | 204 | 26 BTC | 72 ABC | 278 | .280 | .421 | 108 | 1.5 | HYD. |
| | EXH. | 43 BBC | -9 ATC | 214 | 75 BBC | 33 ATC | 288 | .295 | .443 | 116 | | HYD. |
| MTD-2 | INT. | -5 BTC | 29 ABC | 204 | 27 BTC | 71 ABC | 278 | .280 | .421 | 107 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 75 BBC | 33 ATC | 288 | .295 | .443 | 117 | | HYD. |
| MTF-1 | INT. | -6 BTC | 30 ABC | 204 | 27 BTC | 73 ABC | 280 | .280 | .449 | 108 | 1.6 | HYD. |
| | EXH. | 43 BBC | -9 ATC | 214 | 75 BBC | 34 ATC | 289 | .295 | .473 | 116 | | HYD. |
| MTF-2 | INT. | -4 BTC | 28 ABC | 204 | 30 BTC | 72 ABC | 282 | .280 | .485 | 106 | 1.73 | HYD. |
| | EXH. | 45 BBC | -11 ATC | 214 | 78 BBC | 34 ATC | 292 | .295 | .511 | 118 | | HYD. |
| MTF-3 | INT. | -5 BTC | 29 ABC | 204 | 29 BTC | 73 ABC | 282 | .280 | .485 | 107 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 77 BBC | 35 ATC | 292 | .295 | .512 | 117 | | HYD. |
| MTF-4 | INT. | -5 BTC | 29 ABC | 204 | 29 BTC | 73 ABC | 282 | .280 | .485 | 104 | | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 78 BBC | 34 ATC | 292 | .295 | .511 | 120 | | HYD. |
| MTF-5 | INT. | -5 BTC | 29 ABC | 204 | 28 BTC | 72 ABC | 280 | .280 | .449 | 107 | 1.6 | HYD. |
| | EXH. | 44 BBC | -10 ATC | 214 | 77 BBC | 33 ATC | 290 | .295 | .473 | 117 | | HYD. |
| MTF-6 | INT. | -4 BTC | 28 ABC | 204 | 29 BTC | 71 ABC | 280 | .281 | .449 | 106 | | HYD. |
| | EXH. | 41 BBC | -7 ATC | 214 | 73 BBC | 36 ATC | 289 | .296 | .473 | 114 | | HYD. |
| MTO-1 | INT. | -4 BTC | 29 ABC | 204 | 28 BTC | 71 ABC | 280 | .280 | .449 | 106 | | HYD. |
| | EXH. | 45 BBC | -11 ATC | 214 | 77 BBC | 32 ATC | 289 | .295 | .473 | 118 | | HYD. |
| MTP-1 | INT. | -6 BTC | 30 ABC | 204 | 26 BTC | 72 ABC | 278 | .280 | .421 | 108 | 1.5 | HYD. |
| | EXH. | 43 BBC | -9 ATC | 214 | 75 BBC | 33 ATC | 288 | .295 | .443 | 116 | | HYD. |

CAMSHAFT SPECIFICATIONS

| | | | SAE Specs@ | | | | | |
|-------------|------|--|---|-------------|---------------------|--------------------|------|-------------------------|
| Part No. | | Specs @ 0.50 Cam Lift Opens Closes Duration | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| C-400-P | INT. | 223 | 290 | .298 | .447 | 110 | 1.5 | HYD. |
| | EXH. | 223 | 290 | .298 | .447 | 118 | | HYD. |
| CASC-2 | INT. | 203 | 292 | .273 | .450 | 111 | 1.65 | HYD |
| | EXH. | 203 | 292 | .273 | .450 | 111 | | HYD |
| CASC-3 | INT. | 194 | 284 | .258 | .425 | 113 | | HYD |
| | EXH. | 210 | 300 | .282 | .465 | 113 | | HYD |
| CASC-4 | INT. | 199 | 285 | .266 | .459 | | 1.72 | HYD. |
| | EXH. | 203 | 281 | .274 | .473 | | | HYD. |
| CASC-5 | INT. | 195 | 272 | .240 | .396 | 107 | 1.65 | HYD. |
| | EXH. | 198 | 269 | .247 | .408 | 115 | | HYD. |
| CCS-1 | INT. | 168 | 288 | .210 | .315 | | 1.5 | 0.009 |
| | EXH. | 172 | 344 | .224 | .336 | 0 | | 0.014 |
| CCS-2 | INT. | 194 | 258 | .260 | .390 | 108 | | HYD. |
| | EXH. | 202 | 269 | .273 | .409 | 116 | | HYD. |
| CCS-3 | INT. | 172 | 263 | .222 | .333 | 108 | | HYD. |
| | EXH. | 172 | 262 | .222 | .333 | 108 | | HYD. |
| CCS-4 | INT. | 190 | 272 | .229 | .400 | 116 | 1.75 | HYD |
| | EXH. | 198 | 280 | .235 | .412 | 109 | | HYD |
| CCS-5 | INT. | 185 | | .271 | | | | HYD. |
| | EXH. | 185 | | .271 | | | | HYD. |
| CCS-6 | INT. | 174 | | .222 | | | | HYD. |
| | EXH. | 174 | | .222 | | | | HYD. |
| CCS-9 | INT. | 188 | 276 | .232 | .405 | 113 | | HYD. |
| | EXH. | 188 | 276 | .232 | .405 | 110 | | HYD. |
| CCS-12 | INT. | 168 | 288 | .210 | | | | 0.009 |
| | EXH. | 170 | 288 | .224 | | | | 0.014 |
| CCS-18 | INT. | 172 | 270 | .221 | .387 | 106 | | HYD |
| | EXH. | 172 | 270 | .221 | .387 | 104 | | HYD |
| CCS-20 | INT. | 196 | 270 | 234 | .412 | 107 | | HYD |
| | EXH. | 196 | 270 | .234 | .412 | 119 | | HYD |
| CCS-22 | INT. | 210 | 285 | .259 | .453 | 109 | | HYD |
| | EXH. | 213 | 297 | .259 | .453 | 117 | | HYD |
| CCS-23 | INT. | 176 | 244 | .234 | .351 | 106 | 1.5 | HYD |
| | EXH. | 194 | 259 | .257 | .385 | 112 | | HYD |
| CCS-24 | INT. | 189 | 250 | .248 | .372 | 102 | | HYD |
| | EXH. | 202 | 269 | .273 | .409 | 116 | | HYD |
| CCS-25 | INT. | 193 | 268 | .234 | .409 | 104 | 1.75 | HYD |
| | EXH. | 203 | 280 | .253 | .442 | 116 | | HYD |
| CCS-26 | INT. | 172 | 270 | .222 | .388 | 106 | | HYD |
| | EXH. | 190 | 276 | .232 | .406 | 98 | | HYD |
| CCS-30 | INT. | 179 | 238 | .231 | .346 | 105 | 1.5 | HYD |
| | EXH. | 196 | 256 | .262 | .394 | 109 | _ | HYD |
| CCS-31 | INT. | 193 | 269 | .234 | .399 | 103 | 1.7 | HYD. |
| | EXH. | 193 | 269 | .234 | .399 | 103 | | HYD. |
| CCS-32 | INT. | 185 | 216 | .240 | .385 | 112 | 1.6 | HYD. |
| | EXH. | 186 | 260 | .240 | .385 | 90 | _ | HYD. |
| CCS-33 | INT. | 196 | 256 | .263 | .394 | 108 | 1.5 | HYD. |
| 000.0- | EXH. | 196 | 256 | .263 | .394 | 111 | _ | HYD. |
| CCS-35 | INT. | 176 | 244 | .234 | .350 | 108 | | HYD. |
| 000 | EXH. | 193 | 258 | .257 | .385 | 112 | | HYD. |
| CCS-36 | INT. | 178 | | | | | | HYD. |
| 000.0- | EXH. | 202 | | | 40.1 | | | HYD. |
| CCS-37 | INT. | 202 | 269 | .269 | .404 | 115 | | HYD. |
| 000 | EXH. | 207 | 271 | .276 | .415 | 114 | | HYD. |
| CCS-38 | INT. | 179 | 252 | .234 | .350 | 108 | | HYD. |
| 000.00 | EXH. | 195 | 262 | .256 | .385 | 112 | | HYD. |
| CCS-39 | INT. | 179 | 252 | .233 | .350 | 106 | | HYD. |
| 000.40 | EXH. | 194 | 260 | .257 | .385 | 112 | _ | HYD. |
| CCS-40 | INT. | 207 | 271 | .274 | .410 | 117 | | HYD. |

| Part No. EXH. CCS-42 INT. EXH. CFC-1 CFC-3 INT. EXH. CFC-3 CFC-3 INT. EXH. CFC-3 CLT-1 INT. EXH. FOV-6 FOV-7 INT. EXH. FOV-9 FOV-9 INT. EXH. HSC-1 HSC-3 INT. EXH. HSC-3 HSC-4 INT. EXH. HSC-4 HSC-7 INT. EXH. HSC-7 HSC-10 INT. EXH. HSC-11 HSC-11 INT. EXH. HSC-12 HSC-11 INT. EXH. MC762 MC762 INT. EXH. MC769 MC709 INT. EXH. MC803 MC803 INT. EXH. MC810 MC810 INT. <th>194 194 184 184 180 180 208 208 208 202</th> <th>(0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration 280 258 258 229 225 225 246 246 246</th> <th>Lift .285 .260 .260 .240 .239 .233</th> <th>Gross Valve Lift .427 .390 .390 .360 .358</th> <th>Center Line C/L 117 108 111 103</th> <th></th> <th>Valve Lash Clearance HYD. HYD. HYD.</th> | 194 194 184 184 180 180 208 208 208 202 | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration 280 258 258 229 225 225 246 246 246 | Lift .285 .260 .260 .240 .239 .233 | Gross Valve Lift .427 .390 .390 .360 .358 | Center Line C/L 117 108 111 103 | | Valve Lash Clearance HYD. HYD. HYD. |
|---|--|--|--|---|--|----------|---|
| CCS-42 INT. EXH. CFC-1 INT. EXH. CFC-3 INT. EXH. CLT-1 INT. EXH. FOV-6 INT. EXH. FOV-79 INT. EXH. FOV-8 INT. EXH. HSC-1 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-10 INT. EXH. MC762 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC804 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. | 194 194 184 184 180 180 208 208 208 202 | 258 258 229 225 246 246 246 | .260 .260 .240 .239 .233 | .390 .390 .360 .358 | 108 111 | | HYD. |
| EXH. CFC-1 INT. EXH. CFC-3 CFC-3 INT. EXH. CLT-1 CLT-1 INT. EXH. FOV-6 FOV-9 INT. EXH. FOV-9 FOV-9 INT. EXH. HSC-1 HSC-3 INT. EXH. HSC-3 HSC-4 INT. EXH. HSC-6 HSC-7 INT. EXH. HSC-10 HSC-10 INT. EXH. HSC-11 HSC-10 INT. EXH. HSC-12 HSC-11 INT. EXH. MC762 MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | 194 184 184 180 180 208 208 208 202 | 258 229 225 246 246 | .260 .240 .239 .233 | .390 .360 .358 | 111 | | |
| CFC-1 INT. EXH. CFC-3 INT. EXH. CLT-1 INT. EXH. FOV-6 INT. EXH. FOV-9 INT. EXH. FOV-9 INT. EXH. HSC-1 INT. EXH. HSC-3 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-5 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC8114 INT. EXH. | 184 184 180 180 208 208 208 202 | 229 225 246 246 | .240 .239 .233 | .360 .358 | | | HYD |
| EXH. CFC-3 INT. EXH. CLT-1 INT. EXH. FOV-6 INT. EXH. FOV-9 INT. EXH. FOV-9 INT. EXH. HSC-1 INT. EXH. HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. MC762 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC703 INT. EXH. MC803 INT. EXH. <t< td=""><td>184 180 180 208 208 208 202</td><td>225 246 246</td><td>.239 .233</td><td>.358</td><td>103</td><td></td><td></td></t<> | 184 180 180 208 208 208 202 | 225 246 246 | .239 .233 | .358 | 103 | | |
| CFC-3 INT. EXH. EXH. CLT-1 INT. FOV-6 INT. FOV-7 INT. EXH. FOV-9 FOV-9 INT. EXH. HSC-1 HSC-1 INT. EXH. HSC-2 HSC-3 INT. EXH. HSC-3 HSC-4 INT. EXH. HSC-6 HSC-7 INT. EXH. HSC-7 HSC-10 INT. EXH. HSC-11 HSC-12 INT. EXH. HSC-12 HSC-12 INT. EXH. MC762 MC762 INT. EXH. MC769 MC797 INT. EXH. MC803 MC803 INT. EXH. MC810 MC810 INT. EXH. MC814 MC816 INT. | 180 180 208 208 208 202 | 246 246 | .233 | | | | 0.016 |
| EXH. CLT-1 INT. FOV-6 INT. FOV-9 INT. FOV-9 INT. FOX-1 INT. HSC-1 INT. HSC-3 INT. HSC-4 INT. HSC-3 INT. HSC-4 INT. HSC-5 INT. HSC-6 INT. HSC-7 INT. HSC-10 INT. EXH. HSC-10 HSC-11 INT. EXH. HSC-11 HSC-12 INT. EXH. MC762 MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC797 INT. EXH. MC803 MC803 INT. EXH. MC810 MC810 INT. EXH. MC814 MC816 INT. | 180 208 208 202 | 246 | | | 105 | | 0.016 |
| CLT-1 INT. FOV-6 INT. FOV-9 INT. FOV-9 INT. EXH. FOV-9 HSC-1 INT. EXH. HSC-1 HSC-2 INT. EXH. HSC-3 HSC-3 INT. EXH. HSC-4 HSC-3 INT. EXH. HSC-6 HSC-7 INT. EXH. HSC-10 HSC-11 INT. EXH. HSC-11 HSC-12 INT. EXH. MC762 MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC797 INT. EXH. MC803 MC803 INT. EXH. MC810 MC810 INT. EXH. MC814 MC816 INT. | 208 208 202 | | 000 | .350 | 123 | | HYD. |
| EXH. FOV-6 INT. FOV-9 INT. FOV-9 INT. HSC-1 INT. HSC-2 INT. HSC-3 INT. HSC-4 INT. HSC-3 INT. HSC-4 INT. HSC-7 INT. HSC-6 INT. HSC-7 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. EXH. MC762 MC769 INT. EXH. MC797 MC794 INT. EXH. MC803 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | | 264 | .233 | .350 | 90 | | HYD. |
| FOV-6 INT. EXH. FOV-9 INT. EXH. HSC-1 INT. EXH. HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-3 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. | 202 | | .273 | .396 | | 1.45 | 0.004 |
| EXH. FOV-9 INT. EXH. HSC-1 INT. EXH. HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-3 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC797 INT. EXH. MC803 MC803 INT. EXH. MC810 MC810 INT. EXH. MC814 MC816 INT. | | 247 | .273 | .396 | 108 | | 0.006 |
| FOV-9 INT. EXH. HSC-1 INT. EXH. HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC791 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. | 202 | 251 | .273 | .389 | 107 | 1.5 | 0.019 |
| EXH. HSC-1 INT. HSC-2 INT. HSC-3 INT. HSC-4 INT. HSC-6 INT. HSC-7 INT. HSC-7 INT. HSC-7 INT. HSC-7 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. EXH. HSC-12 MC762 INT. EXH. MC762 MC769 INT. EXH. MC797 MC797 INT. EXH. MC803 MC810 INT. EXH. MC814 MC814 INT. EXH. MC816 | 202 | 251 | .273 | .389 | 117 | | 0.019 |
| HSC-1 INT. HSC-2 INT. HSC-3 INT. HSC-4 INT. HSC-7 INT. HSC-6 INT. HSC-7 INT. HSC-7 INT. HSC-7 INT. HSC-7 INT. HSC-7 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. EXH. MC762 MC769 INT. EXH. MC797 MC797 INT. EXH. MC803 MC810 INT. EXH. MC814 MC814 INT. EXH. MC816 | 185 | 256 | .244 | .366 | 112 | | HYD. |
| EXH. HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | . 185 | 256 | .244 | .366 | 103 | | HYD. |
| HSC-2 INT. EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 218 | | .270 | | | | 0.006 |
| EXH. HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | . 223 | 298 | .271 | | | | 0.006 |
| HSC-3 INT. EXH. HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MSC-12 INT. EXH. MC762 INT. EXH. MC763 INT. EXH. MC769 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 208 | 254 | .256 | | | | 0.012 |
| EXH. HSC-4 INT. HSC-6 INT. HSC-7 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. HSC-12 INT. MC762 INT. EXH. MC762 MC763 INT. EXH. MC769 MC794 INT. EXH. MC797 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | 214 | 262 | .258 | | | | 0.004 |
| HSC-4 INT. EXH. HSC-6 INT. EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. | 218 | | .270 | | | | HYD. |
| EXH. HSC-6 INT. HSC-7 INT. EXH. HSC-10 HSC-11 INT. EXH. HSC-11 HSC-12 INT. EXH. HSC-12 MC762 INT. EXH. MC769 MC769 INT. EXH. MC769 MC797 INT. EXH. MC791 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | 223 | 298 | .271 | | | | HYD. |
| HSC-6 INT. HSC-7 INT. HSC-10 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. HSC-12 INT. MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC794 INT. EXH. MC803 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | 218 | | .270 | | | | HYD. |
| HSC-6 INT. HSC-7 INT. HSC-10 INT. HSC-10 INT. HSC-11 INT. HSC-12 INT. HSC-12 INT. HSC-12 INT. MC762 INT. EXH. MC769 MC769 INT. EXH. MC797 MC794 INT. EXH. MC803 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | | | .271 | | | | HYD. |
| EXH. HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 208 | | .256 | | | | 0.004 |
| HSC-7 INT. EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC804 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | | | .258 | | | | 0.012 |
| EXH. HSC-10 INT. EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. | 194 | 258 | .221 | .332 | | | 0.006 |
| HSC-10 INT. HSC-11 INT. EXH. HSC-12 HSC-12 INT. EXH. HSC-12 MC762 INT. EXH. MC769 MC769 INT. EXH. MC794 MC797 INT. EXH. MC803 MC803 INT. EXH. MC803 MC810 INT. EXH. MC814 MC816 INT. | | 276 | .218 | .327 | | | 0.006 |
| EXH. HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | 200 | | .222 | | | | 0.011 |
| HSC-11 INT. EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC804 INT. EXH. MC805 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | | | .225 | | | | 0.006 |
| EXH. HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | 218 | | .267 | | | | 0.011 |
| HSC-12 INT. EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC803 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | | | .262 | | | | 0.006 |
| EXH. MC762 INT. EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | 218 | | .267 | | | | 0.006 |
| MC762 INT. MC769 INT. EXH. EXH. MC794 INT. EXH. MC797 MC797 INT. EXH. MC797 MC803 INT. EXH. MC803 MC809 INT. EXH. MC810 MC814 INT. EXH. MC814 MC816 INT. EXH. EXH. | | | .262 | | | | 0.011 |
| EXH. MC769 INT. EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | 191 | 271 | .259 | .388 | 115 | | HYD. |
| MC769 INT. MC794 INT. EXH. EXH. MC797 INT. EXH. MC803 MC803 INT. EXH. MC803 MC809 INT. EXH. MC810 MC810 INT. EXH. MC816 MC816 INT. EXH. EXH. | | 271 | .259 | .388 | 115 | | HYD. |
| EXH. MC794 INT. EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. | 232 | | .292 | | | | .008 |
| MC794 INT. EXH. EXH. MC797 INT. EXH. EXH. MC803 INT. EXH. MC809 MC810 INT. EXH. MC810 MC814 INT. EXH. MC814 MC816 INT. | | | .292 | | | | .008 |
| EXH. MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 224 | | .259 | | | | .006 |
| MC797 INT. EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | | | .259 | | | | .011 |
| EXH. MC803 INT. EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 215 | | .242 | | | | .012 |
| MC803 INT. MC809 INT. EXH. EXH. MC810 INT. EXH. EXH. MC814 INT. MC816 INT. EXH. EXH. | | | .242 | | | | .012 |
| EXH. MC809 INT. EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 189 | | .250 | | | | .008 |
| MC809 INT. EXH. EXH. MC810 INT. EXH. INT. MC814 INT. EXH. EXH. MC816 INT. EXH. EXH. | | | .256 | | | | .014 |
| EXH. MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | 197 | 270 | .265 | .397 | 110 | | HYD. |
| MC810 INT. EXH. MC814 INT. EXH. MC816 INT. EXH. | | 270 | .265 | .397 | 114 | | HYD. |
| EXH. MC814 INT. EXH. MC816 INT. EXH. | 230 | 210 | .293 | .001 | | | HYD. |
| MC814 INT. EXH. MC816 INT. EXH. | | | .293 | | | | HYD. |
| EXH. MC816 INT. EXH. | 196 | 276 | .246 | .359 | 102 | 1.46 | HYD. |
| MC816 INT. EXH. | | 294 | .254 | .370 | 117 | 1.40 | HYD. |
| EXH. | . 200 | <u></u> | .234 | .010 | 117 | | HYD. |
| | | | .283 | | | | HYD. |
| | . 223 | | .203 | | | | HYD. |
| EXH. | | | .276 | | | | HYD. |
| MC821 INT. | 220 | 240 | .276 | .405 | | 1.72 | HYD. |
| EXH. | | 240 | .250 | .405 | | 1.72 | HYD. |
| MC822 INT. | | | .230 | .401 | | <u> </u> | HYD. |
| EXH. | 000 | | .276 | | | | HYD. |
| MC830 INT. | 220 | | .270 | | | | HYD. HYD. |
| EXH. | . 220 | | | | | | |
| MC831 INT. | <u>220</u> 164 | | .212 | | | | HVD |
| EXH. | <u>220</u> 164 | | | .375 | | 1 | HYD. HYD. |

| Part | | Specs @ 0.50 Cam Lift | SAE Specs@ (0.06/Rocker Arm Ratio) Cam Lift | Cam | Gross | Center | Pookor | Valve Lash |
|-----------|--------------|-----------------------|--|----------------|--------------|------------|--------|---------------|
| No. | | Opens Closes Duration | Opens Closes Duration | Lift | Valve Lift | | | Clearance |
| MC832 | INT. | 200 | | | | | | HYD. |
| 140005 | EXH. | 202 | 07.1 | .375 | .375 | 100 | | HYD. |
| MC835 | INT. EXH. | 188 188 | 254 254 | .216 | .354 | 120 104 | 1.64 | HYD. HYD. |
| MC836 | INT. | 188 | 254 | .216 .245 | .354 | 104 | | HYD. HYD. |
| INICO30 | EXH. | 193 | | .245 | | | | HYD. |
| MC839 | INT. | 204 | | .225 | | | | 0.006 |
| | EXH. | 203 | | .225 | | | | 0.01 |
| MC840 | INT. | 206 | | .220 | | | | 0.012 |
| | EXH. | 206 | | .220 | | | | 0.012 |
| MC841 | INT. | 205 | | .215 | | | | HYD. |
| 101000 | EXH. | 205 | | .214 | | | | HYD. |
| MC1200 | INT. EXH. | 219 220 | | 0.278 0.280 | | | | HYD. HYD. |
| MC1230 | INT. | 220 | | .224 | | | | HYD. |
| 101200 | EXH. | 214 | | .249 | | | | HYD. |
| MC1231 | INT. | 185 | 272 | .245 | .423 | 106 | 1.73 | HYD. |
| | EXH. | 203 | 288 | .259 | .447 | 114 | | HYD. |
| MC1234 | INT. | 196 | | .220 | | | | HYD. |
| | EXH. | 208 | | .240 | | | | HYD. |
| MC1237 | INT. | 192 | | .239 | | | | HYD. |
| | EXH. | 192 | | .239 | | | _ | HYD. |
| MC1238 | INT. | 210 | | .265 | | | | HYD. |
| MC1239 | EXH. INT. | | | .265 .230 | | | | HYD. 0.006 |
| INIC 1239 | EXH. | 217 219 | | .230 | | | | 0.008 |
| MC1240 | INT. | 181 | 248 | .248 | .372 | 108 | 1.5 | HYD |
| | EXH. | 192 | 250 | .267 | .401 | 110 | | HYD |
| MC1241 | INT. | 185 | | .240 | .415 | | 1.73 | HYD. |
| | EXH. | 201 | | .241 | .417 | | | HYD. |
| MC1242 | INT. | 196 | 286 | .260 | .448 | 109 | | HYD. |
| | EXH. | 196 | 286 | .259 | .448 | 113 | _ | HYD. |
| MC1243 | INT. | 182 | | .246 | | | | HYD. |
| MC1244 | EXH. INT. | | | .246 .246 | | | | HYD. HYD. |
| 101244 | EXH. | 182 | | .240 | | | | HYD. |
| MC1245 | INT. | 197 | | .210 | | | | HYD. |
| | EXH. | 208 | | .230 | | | | HYD. |
| MC1246 | INT. | 229 | | .291 | | | | HYD. |
| | EXH. | 229 | | .291 | | | _ | HYD. |
| MC1249 | INT. | 188 | 294 | .252 | .403 | 111 | 1.6 | HYD. |
| 101050 | EXH. | 191 | 304 | .255 | .408 | 117 | | HYD. |
| MC1250 | INT. EXH. | 186 191 | 293 299 | .250 .255 | .400 .408 | 109 117 | | HYD. HYD. |
| MC1251 | INT. | 181 | 284 | .255 | .403 | 117 | | HYD. |
| MOTEOT | EXH. | 191 | 301 | .255 | .408 | 109 | | HYD. |
| MC1252 | INT. | 191 | | .267 | | | | HYD. |
| | EXH. | 191 | | .267 | | | | HYD. |
| MC1253 | INT. | 184 | 254 | .258 | .413 | 114 | | HYD. |
| | EXH. | 193 | 267 | .269 | .430 | 110 | | HYD. |
| MC1254 | INT. | 186 | | .245 | | | | HYD. |
| MC10FF | EXH. INT. | 186 | | .245 | | | | HYD. |
| MC1255 | EXH. | 192 190 | | .248 .239 | | | | HYD. HYD. |
| MC1256 | INT. | 200 | 287 | .239 | .416 | 124 | | HYD. |
| | EXH. | 200 | 287 | .260 | .416 | 118 | | HYD. |
| MC1257 | INT. | 200 | 287 | .260 | .416 | 110 | | HYD. |
| | EXH. | 200 | 287 | .260 | .416 | 118 | | HYD. |
| MC1258 | INT. | 191 | 272 | .261 | .417 | 110 | | HYD. |

| _ | | | SAE Specs@ | _ | _ | _ | | |
|-------------|--------------|--|---|--------------|---------------------|--------------------|---------|--------------|
| Part No. | | Specs @ 0.50 Cam Lift Opens Closes Duration | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash |
| | EXH. | 191 | 272 | .261 | .417 | 110 | | HYD. |
| MC1259 | INT. | 189 | 277 | .263 | .384 | 107 | 1.46 | HYD. |
| | EXH. | 206 | 299 | .276 | .402 | 117 | | HYD. |
| MC1260 | INT. | 184 | 264 | .275 | .401 | 106 | | HYD. |
| | EXH. | 202 | 294 | .275 | .401 | 110 | | HYD. |
| MC1261 | INT. | 191 | 270 | .260 | .390 | 110 | 1.5 | HYD. |
| | EXH. | 191 | 270 | .260 | .390 | 110 | | HYD. |
| MC1262 | INT. | 205 | 270 | .265 | .398 | 113 | | HYD. |
| | EXH. | 196 | 259 | .265 | .398 | 117 | 1.6 | HYD. |
| MC1265 | INT. | 184 | | .256 | | | | HYD. |
| | EXH. | 185 | | .256 | | | | HYD. |
| MC1266 | INT. | 189 | | .273 | | | | .008 |
| MC1268 | INT. | 192 | 271 | .248 | .434 | 109 | 1.75 | HYD |
| | EXH. | 192 | 271 | .248 | .434 | 115 | | HYD |
| MC1269 | INT. | 191 | 266 | .248 | .434 | 109 | | HYD. |
| | EXH. | 191 | 266 | .248 | .434 | 115 | | HYD. |
| MC1270 | INT. | 188 | 349 | .248 | .438 | 109 | | HYD |
| | EXH. | 188 | 349 | .248 | .438 | 115 | | HYD |
| MC1271 | INT. | 216 | 250 | .401 | .401 | | 1.0 | HYD. |
| | EXH. | 216 | 250 | .401 | .401 | | | HYD. |
| MC1272 | INT. | 196 | | .273 | | | | 0.009 |
| MC1272 | EXH. | 209 | | .299 | | | | 0.003 |
| MC1274 | INT. | 183 | 254 | .251 | .376 | 108 | 1.5 | HYD. |
| 101214 | EXH. | 193 | 264 | .268 | .402 | 114 | 1.5 | HYD. |
| MC1275 | INT. | 208 | 277 | .288 | .432 | 121 | _ | HYD. |
| 101275 | EXH. | 208 | 274 | .200 | .440 | 115 | | HYD. |
| MC1276 | INT. | 200 | 250 | .297 | .297 | 105 | 1 | 0.008 |
| 101270 | EXH. | 204 | 250 | .231 | .231 | 105 | - ' - I | 0.000 |
| MC1277 | INT. | | | | | 105 | 1.0 | |
| 101211 | EXH. | 204 | 240 | .297 | .297 | 107 | 1.0 | 0.01 |
| MC1278 | INT. | 191 | 282 | .252 | .403 | 114 | 1.6 | HYD. |
| 101270 | EXH. | 200 | 288 | .260 | .403 | 120 | 1.0 | HYD. |
| MC1279 | INT. | 188 | 200 | .259 | .410 | 120 | | HYD. |
| 101275 | EXH. | 196 | | .259 | | | | HYD. |
| MC1280 | INT. | 188 | | .259 | | | | HYD. |
| 101200 | EXH. | 196 | | .259 | | | | HYD. |
| MC1281 | INT. | 230 | | .293 | | | | HYD. |
| 101201 | EXH. | 230 | | .293 | | | | HYD. |
| MC1282 | INT. | 230 | | .293 | | 101 | | 0.008 |
| 101202 | EXH. | 232 | | .293 | | 101 | | 0.008 |
| MC1283 | INT. | 196 | | .267 | - | 101 | | HYD. |
| 101203 | EXH. | 190 | | .267 | | | | HYD. |
| MC1284 | INT. | 232 | | .207 | | | | 0.008 |
| 101204 | EXH. | 232 | | .293 | | | | 0.008 |
| MC1285 | INT. | 232 | | .293 | | | | 0.008 |
| 101200 | EXH. | 232 | | .293 | | | | 0.008 |
| MC1006 | | | | | | | | |
| MC1286 | INT. EXH. | 230 230 | | .293 .293 | | | | HYD. HYD. |
| MC1287 | | | 074 | | 440 | 100 | | |
| IVIC1207 | INT. | 196 | 274 | .275 | .440 | 108 | | HYD. |
| 101000 | EXH. | 208 | 296 | .275 | .440 | 112 | | HYD. |
| MC1288 | INT. | 186 | 273 | .263 | .421 | 118 | | HYD. |
| MC1000 | EXH. | 197 | 283 | .279 | .447 | 113 | 1.40 | HYD. |
| MC1289 | INT. | 194 | 278 | .272 | .397 | 113 | 1.46 | HYD. |
| MOtoco | EXH. | 198 | 283 | .276 | .404 | 117 | 4 5 | HYD. |
| MC1290 | INT. | 194 | 258 | .260 | .390 | 109 | 1.5 | HYD. |
| MOtoct | EXH. | 202 | 270 | .273 | .409 | 109 | 4 7 | HYD. |
| MC1291 | INT. | 200 | 270 | .248 | .421 | 114 | 1.7 | HYD. |
| MOtoco | EXH. | 206 | 273 | .253 | .430 | 114 | 1.0 | HYD. |
| MC1292 | INT. | 182 | 262 | .258 | .413 | 118 | 1.6 | HYD. |

| | | | | SA | E Specs@ |) | | | | | |
|------------------|--------------|---|-----------|-----------------------|-------------------|-------------------------|--------------|---------------------|--------------------|-----|-------------------------|
| Part No. | | Specs @ 0.50 Cam Lift Opens Closes Dur | ation | (0.06/Rocker Opens | Arm Ration Closes | o) Cam Lift Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| | EXH. | - | 91 | | | 275 | .258 | .413 | 112 | | HYD. |
| MC1293 | INT. | 1 | 92 | | | | .312 | | | | .008 |
| MC1294 | EXH. | 1 | 93 | | | | .315 | | | | .010 |
| MC1295 | INT. | 1 | 74 | | | | .216 | | | | HYD. |
| | EXH. | | | | | | | | | | HYD. |
| MC1296 | INT. | | | | | | | | | | HYD. |
| | EXH. | 1 | 67 | | | | .204 | | | | HYD. |
| MC1297 | INT. | 1 | 88 | | | 256 | .255 | .407 | 100 | | HYD. |
| | EXH. | 1 | 92 | | | 260 | .259 | .415 | 115 | | HYD. |
| MC1298 | INT. | 2 | 08 | | | | .388 | | | | .009 |
| | EXH. | 2 | 08 | | | | .388 | | | | .011 |
| MC1299 | INT. | 2 | 08 | | | | .388 | | | | .009 |
| | EXH. | 2 | 08 | | | | .388 | | | | .011 |
| MC1301 | INT. | | 88 | | | | .259 | | | | HYD. |
| | EXH. | 1 | 96 | | | | .259 | | | | HYD. |
| MC1302 | INT. | | 88 | | | | .259 | | | | HYD. |
| | EXH. | | 96 | | | | .259 | | | | HYD. |
| MC1303 | INT. | | 98 | | | 265 | .287 | .430 | 116 | 1.5 | HYD. |
| | EXH. | | 98 | | | 265 | .287 | .430 | 110 | | HYD. |
| MC1304 | INT. | | 97 | | | 263 | .272 | .409 | 113 | - | HYD. |
| | EXH. | | 97 | | | 263 | .272 | .409 | 111 | | HYD. |
| MC1309 | INT. | | 84 | | | 253 | .258 | .387 | 109 | | HYD. |
| mereee | EXH. | | 93 | | | 266 | .269 | .403 | 115 | | HYD. |
| MC1310 | INT. | | 94 | | | 200 | .290 | .100 | 110 | - | .008 |
| MC1311 | EXH. | | 00 | | | | 0.296 | | | - | 0.008 |
| MC1315 | INT. | | <u>91</u> | | | 260 | .276 | .415 | 106 | | HYD. |
| Motoro | EXH. | | 95 | | | 263 | .286 | .429 | 116 | | HYD. |
| MC1316 | INT. | | 04 | | | 273 | .282 | .480 | 118 | 1.7 | HYD. |
| WC1310 | EXH. | | 09 | | | 298 | .284 | .483 | 118 | 1.7 | HYD. |
| MC1317 | INT. | | .03 97 | | | 282 | .292 | .496 | 123 | - | HYD. |
| WOTOT | EXH. | | 09 | | | 290 | .292 | .496 | 116 | | HYD. |
| MC1318 | INT. | | 08 | | | 230 | .389 | .430 | 110 | | 0.009 |
| WC1310 | EXH. | | 08 | | | | .389 | | | | 0.009 |
| MC1319 | INT. | | 08 | | | | .389 | | | | 0.009 |
| 10101019 | EXH. | | 08 | | | | .389 | | | | 0.003 |
| MC1320 | INT. | | 91 | | | 261 | .276 | .414 | 106 | 1.5 | HYD. |
| 10101020 | EXH. | | 91 94 | | | 263 | .285 | .414 | 116 | 1.0 | HYD. |
| MC1220 | | I | 94 | | | 203 | | .420 | 110 | | THD. |
| MC1329 MC1334 | INT. INT. | 1 | 88 | | | 251 | .350 .274 | .411 | 116 | | HYD. |
| 10101334 | EXH. | | oo 94 | | | 251 | .274 | .411 | 107 | | HYD. |
| MC1335 | INT. | | 94 02 | | | 268 | .299 | .417 | 116 | | HYD. |
| NIC 1335 | EXH. | | | | | 200 | | | | | HYD. |
| MC1006 | | | 08 | | | | .306 | .460 | 117 | | |
| MC1336 | INT. | | 01 | | | 270 | .298 | .447 | 117 | | HYD. |
| MO1007 | EXH. | | 08 | | | 276 | .306 | .459 | 117 | - | HYD. |
| MC1337 | INT. | | 91 05 | | | 259 | .276 | .414 | 106 | | HYD. |
| | EXH. | | 95 | | | 263 | .285 | .428 | 116 | _ | HYD. |
| MC1351 | INT. | | 85 | | | 262 | .263 | .395 | 111 | | HYD. |
| MOASES | EXH. | | 85 | | | 262 | .263 | .395 | 110 | _ | HYD. |
| MC1359 | INT. | | 86 | | | | .279 | | | | |
| Modest | EXH. | | 90 | | | | .280 | | | _ | |
| MC1361 | INT. | | 14 | | | | .267 | | | | |
| MOLOCO | EXH. | | 10 | | | 074 | .221 | 100 | 110 | _ | LIVE |
| MC1362 | INT. | | 97 | | | 271 | .272 | .409 | 113 | | HYD. |
| | EXH. | 1 | 97 | | | 271 | .272 | .409 | 112 | _ | HYD. |
| MC1364 | INT. | | | | | | 0.1776 | | | _ | |
| MC1365 | INT. | | 76 | | | | 0.3170 | | | | |
| | EXH. | | 12 | | | | 0.2897 | | | _ | |
| MC1376 | INT. | | 88 | | | | .255 | 0.408 | 110 | | HYD |
| | EXH. | 1 | 90 | | | | .259 | 0.414 | 105 | | HYD |

| | | | SAE Specs@ | | | | | |
|-------------|--------------|--|---|--------------|---------------------|--------------------|------|-------------------------|
| Part No. | | Specs @ 0.50 Cam Lift Opens Closes Duration | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| MC1377 | INT. | 188 | | .255 | 0.408 | 110 | | HYD |
| | EXH. | 190 | | .259 | 0.414 | 105 | | HYD |
| MC1382 | INT. | .274 | 202 | | | | | |
| | EXH. | .275 | 242 | | | | | |
| MC1383 | INT. | 195 | 281 | .273 | .464 | 113 | 1.7 | HYD. |
| | EXH. | 208 | 291 | .280 | .476 | 118 | _ | HYD. |
| MC1384 | INT. | 192 | 279 | .268 | .456 | 117 | | HYD. |
| 000 0 | EXH. | 190 | 281 | .274 | .466 | 110 | 10 | HYD. |
| SBC-3 | INT. | 207 | 284 | .269 | .430 | 112 | 1.6 | HYD |
| SBC-4 | EXH. INT. | | 284 | .269 .243 | .430 | 116 | | HYD HYD. |
| 300-4 | EXH. | 226 | | .243 .286 | | | | HYD. |
| SBC-5 | INT. | 191 | 276 | .242 | .387 | 109 | | HYD. |
| 300-5 | EXH. | 208 | 270 297 | .242 | .403 | 116 | | HYD. |
| SBC-8 | INT. | 194 | 272 | .252 | .403 | 112 | | HYD. |
| 000-0 | EXH. | 194 | 283 | .244 | .401 | 112 | | HYD |
| SBC-11 | INT. | 172 | 241 | .207 | .331 | 105 | | HYD. |
| 000 11 | EXH. | 182 | 261 | .216 | .346 | 106 | | HYD. |
| SBC-12 | INT. | 180 | 250 | .224 | .358 | 100 | | HYD. |
| 000 12 | EXH. | 194 | 280 | .240 | .384 | 110 | | HYD. |
| SBC-13 | INT. | 195 | 272 | .251 | .401 | 112 | | HYD. |
| 02010 | EXH. | 194 | 280 | .240 | .384 | 110 | | HYD. |
| SBC-14 | INT. | 193 | 282 | .250 | .400 | 104 | | HYD. |
| | EXH. | 196 | 276 | .264 | .422 | 110 | | HYD. |
| SBC-15 | INT. | 180 | 251 | .224 | .358 | 104 | | HYD. |
| | EXH. | 194 | 280 | .240 | .384 | 110 | | HYD. |
| SBC-16 | INT. | 180 | 251 | .224 | .358 | 104 | | HYD. |
| | EXH. | 194 | 280 | .240 | .384 | 110 | | HYD. |
| SBOT-1 | INT. | 196 | 271 | .251 | .401 | 106 | | HYD. |
| | EXH. | 196 | 271 | .251 | .401 | 112 | | HYD. |
| SDC-1 | INT. | 248 | | .276 | | | | |
| | EXH. | 248 | | .276 | | | | |
| SDC-2 | INT. | 220 | 285 | .289 | | | | 0.012 |
| | EXH. | 220 | 285 | .289 | | | | 0.012 |
| SDC-7 | INT. | 226 | | .269 | | | | 0.012 |
| | EXH. | 226 | | .269 | | | _ | 0.012 |
| SDC-8 | INT. | 227 | | .280 | | | | 0.012 |
| | EXH. | 227 | | .280 | | | | 0.012 |
| SFP-2 | INT. | 196 | 268 | .244 | .400 | 129 | 1.64 | HYD. |
| | EXH. | 196 | 268 | .244 | .400 | 111 | | HYD. |
| SFP-4 | INT. EXH. | 202 202 | | .256 .256 | | | | 0.014 0.016 |
| SFP-5 | INT. | | 236 | .236 | | | _ | HYD. |
| 366-3 | EXH. | 206 | 230 | .230 | | | | HYD. HYD. |
| SIH-1 | INT. | 188 | 220 | .262 | .445 | | 1.7 | HYD. |
| | EXH. | 180 | | .236 | .400 | | 1.7 | HYD. |
| SIH-6 | INT. | 176 | | .254 | .+00 | 103 | | HYD. |
| | EXH. | 184 | | .253 | | 105 | | HYD |
| SOC-9 | INT. | 187 | 276 | .250 | .400 | 106 | 1.6 | HYD |
| | EXH. | 200 | 290 | .251 | .401 | 112 | | HYD |
| SOC-10 | INT. | 180 | 256 | .247 | .395 | 106 | | HYD |
| | EXH. | 187 | 276 | .250 | .400 | 112 | | HYD |
| SOC-11 | INT. | 164 | 235 | .251 | .401 | 96 | | HYD |
| | EXH. | 192 | 269 | .279 | .446 | 114 | | HYD |
| SOC-12 | INT. | 172 | 248 | .235 | .376 | 100 | | HYD |
| | EXH. | 192 | 274 | .235 | .376 | 114 | | HYD |
| SOC-14 | INT. | 178 | 249 | .247 | .395 | 102 | | HYD |
| | EXH. | 186 | 256 | .251 | .401 | 116 | | HYD |
| SPC-3 | INT. | 224 | 298 | .271 | .406 | 112 | 1.5 | HYD |

| Part No. SPC-4 SPC-5 SPC-7 | EXH. INT. EXH. | Specs @ 0.50 Cam Lift Opens Closes Duration 236 198 | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration 310 | t Cam Lift .271 | Gross Valve Lift | | | Valve Lash Clearance |
|--|----------------------|--|--|-----------------------|---------------------|------------|-------|-------------------------|
| SPC-5 | INT. EXH. | | 310 | 071 | 400 | | | |
| SPC-5 | EXH. | 198 | | | .406 | 119 | | HYD |
| | | | 272 | .270 | .404 | 106 | | HYD |
| | | 208 | 280 | .272 | .408 | 116 | | HYD |
| SPC-7 | INT. | 198 | 272 | .270 | .404 | 106 | | HYD |
| SPC-7 | EXH. | 208 | 280 | .272 | .408 | 116 | | HYD |
| | INT. | 212 | 285 | .272 | .409 | 113 | | HYD |
| | EXH. | 225 | 298 | .271 | .408 | 118 | | HYD |
| SPC-8 | INT. | 231 | 304 | .313 | .470 | 112 | | HYD |
| | EXH. | 240 | 316 | .313 | .470 | 115 | | HYD |
| SPC-9 | INT. | 189 | 264 | .243 | .364 | 105 | | HYD |
| 0.00 /0 | EXH. | 189 | 264 | .243 | .364 | 110 | | HYD |
| SPC-10 | INT. | 188 | 277 | .232 | .406 | 113 | 1.75 | HYD |
| 000 44 | EXH. | 188 | 277 | .232 | .406 | 110 | 4.5 | HYD |
| SPC-11 | INT. | 181 | 256 | .233 | .349 | 108 | 1.5 | HYD |
| 000.40 | EXH. | 181 | 256 | .233 | .349 | 104 | | HYD |
| SPC-12 | INT. | 209 | 292 | .252 | .378 | 115 | | HYD |
| SPC-13 | EXH. INT. | | 264 277 | .243 .232 | .364 .405 | 112 113 | 1.75 | HYD HYD |
| 5PC-13 | | | | | | | 1.75 | |
| SPC-15 | EXH. INT. | | 277 247 | .232 | .405 .413 | 110 | 1.72 | HYD HYD |
| 5PC-15 | EXH. | | 247 221 | .240 .239 | | | 1.72 | |
| SPC-16 | INT. | | 221 | .239 | .411 .432 | | | HYD HYD. |
| 360-10 | EXH. | 223 | 266 | .251 | .432 | | | HYD. |
| SPC-17 | INT. | 188 | 200 | .233 | .406 | 113 | 1.75 | HYD. |
| 51 0-17 | EXH. | 188 | 276 | .231 | .406 | 110 | 1.75 | HYD |
| SPC-18 | INT. | 188 | 276 | .231 | .406 | 113 | | HYD |
| | EXH. | 188 | 276 | .231 | .406 | 110 | | HYD |
| SPC-19 | INT. | 213 | 252 | .262 | .450 | 110 | 1.72 | HYD |
| | EXH. | 210 | 252 | .262 | .451 | | 1.7 2 | HYD. |
| SPD-3 | INT. | 198 | 272 | .270 | .405 | 107 | 1.5 | 0.01 |
| | EXH. | 202 | 260 | .275 | .414 | 111 | | 0.02 |
| SPD-11 | INT. | 208 | 283 | .287 | .431 | 110 | | HYD |
| | EXH. | 210 | 296 | .286 | .429 | 116 | | HYD |
| SPD-20 | INT. | 180 | 264 | .248 | .372 | 110 | | HYD |
| | EXH. | 192 | 274 | .266 | .400 | 108 | | HYD |
| SPD-22 | INT. | 209 | 279 | .286 | .429 | 112 | | HYD |
| | EXH. | 220 | 289 | .296 | .444 | 116 | | HYD |
| SPD-25 | INT. | 203 | 278 | .273 | .410 | 108 | | HYD |
| | EXH. | 203 | 278 | .273 | .410 | 111 | | HYD |
| SPD-27 | INT. | 188 | 255 | .252 | .378 | 108 | | HYD |
| | EXH. | 188 | 255 | .252 | .378 | 102 | | HYD |
| SPD-28 | INT. | 218 | 273 | .243 | .430 | | 1.77 | HYD |
| | EXH. | 218 | 273 | .243 | .430 | | _ | HYD |
| SPD-29 | INT. | 217 | 273 | .243 | .430 | 112 | | HYD |
| | EXH. | 217 | 273 | .243 | .430 | 104 | | HYD |
| SPD-30 | INT. | 214 | 268 | .243 | .430 | | | HYD. |
| | EXH. | 214 | 268 | .243 | .430 | 110 | 1.5 | HYD. |
| SPD-31 | INT. EXH. | 213 | 302 324 | .298 | .447 | 112 118 | 1.5 | HYD |
| SPD-33 | INT. | 225 214 | 268 | .306 | .459 | 110 | 1.77 | HYD HYD. |
| 0FD-00 | EXH. | 214 214 | 268 | .243 .243 | .437 .437 | | 1.77 | HYD. |
| SPD-34 | INT. | 194 | 267 | .245 | .437 | | | HYD. |
| | EXH. | 194 | 264 | .245 | .434 | | | HYD |
| SPD-35 | INT. | 190 | 267 | .245 | .434 | | | HYD |
| 5. 5 00 | EXH. | 194 | 264 | .245 | .434 | | | HYD |
| SRC-5 | INT. | 190 | 263 | .245 | .434 | 109 | 1.6 | HYD |
| 2 | EXH. | 196 | 263 | .266 | .425 | 112 | | HYD |
| SRC-6 | INT. | 185 | 259 | .254 | .380 | 109 | 1.5 | HYD. |
| | EXH. | 185 | 259 | .254 | .380 | 112 | | HYD. |

| _ | | | SAE Specs@ | _ | _ | _ | | |
|-----------------|--------------|--|---|--------------|---------------------|--------------------|------|-------------------------|
| Part No. | | Specs @ 0.50 Cam Lift Opens Closes Duration | (0.06/Rocker Arm Ratio) Cam Lift Opens Closes Duration | Cam Lift | Gross Valve Lift | Center Line C/L | | Valve Lash Clearance |
| SRC-8 | INT. | . 191 | 262 | .252 | .377 | 113 | | HYD |
| | EXH. | 191 | 262 | .251 | .377 | 115 | | HYD |
| SRC-9 | INT. | 196 | 270 | .265 | .424 | 109 | 1.6 | HYD |
| | EXH. | 196 | 270 | .265 | .424 | 115 | | HYD |
| SSC-1 | INT. | 196 | 226 | .221 | | | | MECH |
| | EXH. | 196 | 226 | .221 | | | | MECH |
| SVW-1 | INT. | 224 | 254 | .405 | .405 | | 1.0 | 0.01 |
| | EXH. | 224 | 248 | .405 | .405 | | | 0.018 |
| SWC-1 | INT. | 200 | | .220 | | | | 0.018 |
| | EXH. | 206 | | .371 | | | | 0.016 |
| SYB-2 | INT. | 197 | 258 | .262 | .419 | 110 | 1.6 | .019 |
| | EXH. | 196 | 258 | .262 | .419 | 116 | | .019 |
| SYB-8 | INT. | 186 | 270 | .232 | .394 | 108 | 1.7 | HYD |
| | EXH. | 186 | 270 | .232 | .394 | 113 | _ | HYD |
| SYB-9 | INT. | 187 | 261 | .238 | .380 | 103 | 1.6 | HYD |
| | EXH. | 187 | 261 | .238 | .380 | 113 | | HYD |
| SYB-13 | INT. | 186 | 272 | .232 | .405 | 110 | 1.75 | HYD |
| 0)/5 / 5 | EXH. | 186 | 272 | .232 | .405 | 116 | _ | HYD |
| SYB-16 | INT. | 193 | 283 | .244 | .426 | 110 | | HYD. |
| 0.00 | EXH. | 193 | 283 | .244 | .426 | 110 | | HYD. |
| SYB-19 | INT. | 193 | 273 | .253 | .437 | 110 | 1.73 | HYD. |
| | EXH. | 206 | 287 | .277 | .480 | 116 | | HYD. |
| SYB-21 | INT. | 192 | 272 | .247 | .428 | 109 | | HYD. |
| 0)/D 00 | EXH. | 198 | 291 | .250 | .432 | 111 | 4.75 | HYD. |
| SYB-22 | INT. | 192 | 274 | .252 | .442 | 108 | 1.75 | HYD. |
| SYB-23 | EXH. INT. | | 274 273 | .252 .247 | .442 .432 | 111 113 | | HYD. HYD |
| 51D-23 | EXH. | 192 | 273 281 | .247 .249 | | | | HYD |
| SYB-24 | INT. | | 281 | .249 | .435 .416 | 111 103 | 1.6 | HYD |
| 31D-24 | EXH. | 194 | 270 | .260 | .416 | 103 | 1.0 | HYD |
| SYB-25 | INT. | 184 | 293 | .230 | .368 | 112 | | HYD. |
| 010-20 | EXH. | 189 | 265 | .238 | .380 | 104 | | HYD. |
| SYB-26 | INT. | 183 | 258 | .237 | .380 | 104 | | HYD. |
| 010 20 | EXH. | 192 | 270 | .247 | .395 | 111 | | HYD |
| SYB-27 | INT. | 192 | 272 | .247 | .428 | 109 | 1.73 | HYD. |
| 0.2.2. | EXH. | 198 | 291 | .250 | .432 | 111 | | HYD. |
| SYB-29 | INT. | 207 | 287 | .278 | .481 | 120 | | HYD. |
| | EXH. | 221 | 307 | .283 | .489 | 110 | | HYD. |
| SYB-30 | INT. | 197 | 280 | .260 | .416 | 114 | 1.6 | HYD |
| | EXH. | 209 | 293 | .278 | .444 | 114 | | HYD |
| SYB-31 | INT. | 185 | 259 | .225 | .370 | | 1.65 | HYD. |
| | EXH. | 193 | 275 | .229 | .377 | | | HYD. |
| SYB-32 | INT. | 186 | 266 | .240 | .415 | 106 | 1.73 | HYD. |
| | EXH. | 201 | 275 | .241 | .417 | 114 | | HYD. |
| SYB-33 | INT. | 186 | 261 | .240 | .415 | 106 | | HYD. |
| | EXH. | 201 | 275 | .241 | .416 | 114 | | HYD. |
| SYB-34 | INT. | 193 | 271 | .229 | .380 | 106 | 1.7 | HYD |
| | EXH. | 193 | 271 | .229 | .380 | 117 | _ | HYD |
| SYB-35 | INT. | 206 | 283 | .278 | .445 | 117 | 1.6 | HYD |
| a) (= - | EXH. | 221 | 304 | .283 | .453 | 113 | | HYD |
| SYB-36 | INT. | 206 | 260 | .263 | | | | 0.014 |
| 0)/5 65 | EXH. | 206 | 254 | .264 | 000 | 100 | 1.01 | 0.016 |
| SYB-37 | INT. | 187 | 246 | .238 | .390 | 108 | 1.64 | HYD. |
| 01/12 00 | EXH. | 190 | 250 | .238 | .390 | 116 | 1.0 | HYD. |
| SYB-38 | INT. | 192 | 270 | .247 | .395 | 108 | 1.6 | HYD |
| | EXH. | 192 | 270 | .247 | .395 | 114 | 1.05 | HYD |
| SYB-39 | INT. | 200 | 269 | .239 | .395 | 108 | 1.65 | HYD. |
| SYB-42 | EXH. INT. | | 269 275 | .239 275 | .395 .424 | 114 | 1.6 | HYD. HYD |
| 31D-42 | INT. | 208 | 215 | 2/5 | .424 | 111 | 1.0 | Πſυ |

| | SAE Specs@ | | | | | | | | | | | |
|--------|------------|-------|-------------|----------|-------|--------|---------------------------------|------|------------|----------|-----------|------------|
| Part | | - | s @ 0.50 Ca | | | | o) Cam Lift | Cam | Gross | Center | | Valve Lash |
| No. | | Opens | Closes | Duration | Opens | Closes | Duration | Lift | Valve Lift | Line C/L | Arm Ratio | Clearance |
| | EXH. | | | 208 | | | 275 | 275 | .424 | 121 | | HYD |
| SYB-43 | INT. | | | 184 | | | 260 | .237 | .379 | 104 | | HYD. |
| | EXH. | | | 192 | | | 272 | .247 | .395 | 111 | | HYD. |
| SYB-44 | INT. | | | 208 | | | 275 | .265 | .437 | | 1.65 | HYD. |
| | EXH. | | | 208 | | | 275 | .265 | .437 | | | HYD. |
| SYB-45 | INT. | | | 190 | | | | .240 | | | | HYD. |
| | EXH. | | | 190 | | | | .240 | | | | HYD |
| SYB-46 | INT. | | | 190 | | | | .240 | | | | HYD. |
| | EXH. | | | 190 | | | | .240 | | | | HYD. |
| SYB-47 | INT. | | | 190 | | | | .240 | | | | HYD. |
| | EXH. | | | 190 | | | | .240 | | | | HYD. |
| SYB-48 | INT. | | | 202 | | | | .250 | | | | HYD. |
| | EXH. | | | 190 | | | | .239 | | | | HYD. |
| SYB-49 | INT. | | | 202 | | | | .262 | | | | HYD. |
| | EXH. | | | 202 | | | | .262 | | | | HYD. |
| SYB-50 | INT. | | | 198 | | | 287 | .260 | .416 | 110 | 1.6 | HYD |
| | EXH. | | | 198 | | | 287 | .260 | .416 | 118 | | HYD. |
| SYB-51 | INT. | | | 210 | | | 298 | .278 | .444 | 116 | | HYD. |
| | EXH. | | | 211 | | | 282 | .278 | .445 | 115 | | HYD. |
| TSC-1 | INT. | | | 212 | | | 244 | .262 | .380 | | 1.45 | 0.008 |
| | EXH. | | | 224 | | | 254 | .264 | .383 | | | 0.014 |
| TSC-5 | INT. | | | 191 | | | | .197 | | | | .008 |
| | EXH. | | | 191 | | | | .197 | | | | .012 |



Camshaft Specifications CAUTION!!

1. Always install new lifters (followers) with a new camshaft. Installing used lifters with a new camshaft can cause premature failure of both the camshaft and the lifters.

2. Do not allow the engine to run under 1500 RPM for the first 20 minutes. The first few minutes of the engine operation are the most critical and tests have shown that if there is no metal pickup or spalling during this period, the camshaft will wear as long as the other engine components.

3. With performance camshafts - usually you will have to advance the distributor timing (on the vibration damper) more than stock specifications.

4. When installing any high performance or racing camshafts into an engine, check to make sure there is adequate clearance between the valves and pistons and also make sure the valve springs do not compress solid.

5. On all engines equipped with roto-coils or valve rotors in either the intake or exhaust positions check for possible coil bind. You might have to change the valve spring and retainer - (using aftermarket high performance valve springs is an alternative).

Listed below is a group classification for the custom (or high) performance camshafts listed in this catalog - (the durations shown are based on .050 cam lift). The descriptions within each group show the characteristics of the cams in that group as well as any recommended modifications to the car or engine that will help get the desired performance.

CLASS I (200° - 215°)

Good idle quality. Low RPM torque and mid range performance. Will work with stock or slightly modified engine. Manual or auto transmission.

CLASS II (215° - 230°)

Fair idle quality. Good low to mid range torque and horsepower. Will work with stock or modified engine. Manual or auto transmission. Possibly lower vacuum than stock.

CLASS III (230° - 245°)

Rough idle quality. Good mid to high RPM torque and horsepower. For use with manual or high stall auto transmission. May need improved carb, exhaust and ignition systems. Combination street and drag. Will have lower vacuum than stock.

CLASS IV

Rough idle quality. Mid to high RPM torque and horsepower. For serious racing. Need proper selection of rear axle ratio and improvements in carburation and exhaust systems. For use with manual transmission or automatic with a very high stall converter. Will not have enough vacuum for power accessories.

Melling Select Performance recommends using MELL-LUBE Engine Assembly Lube to prevent scoring or galling during engine start-up. MELL-LUBE also contains corrosion inhibitors to prevent rust and pitting to new engines. MELL-LUBE is not for use on cylinder walls or piston rings. MELL-LUBE now has 1,400 PPM zinc for better protection.

| Use Intake Spec's Duration @ .050 Cam Lift | Approx. RPM Power Range | Approx. Peak Torque |
|---|----------------------------|------------------------|
| 200° | 1000-4500 | 2500 |
| 210° | 1500-5000 | 2800 |
| 220 ° | 2000-5500 | 3000 |
| 230 ° | 2500-6000 | 3500 |
| 240 ° | 3000-6500 | 4000 |
| 250 ° | 3500-7000 | 4500 |
| 260 ° | 4000-7500 | 5000 |
| 270° | 4500-8000 | 5500 |

GEAR DRIVE / 3 PC BILLET STEEL SPEED SETS



PERFORMANCE TIMING GUIDE

- All gears are 8620 carburized steel
- Includes roller cam button, lock plate, and bolts
- Timing adjusted with optional 5 color coded dowel pin hole inserts
- Available in noisy and quiet versions

RECOMMENDED FOR STREET N STRIP, CLAIMER & RACING APPLICATIONS UP TO 6,500 RPM.

| Part No. | Applications | Features |
|----------------|----------------|-----------------------------|
| 48400 | Chevrolet S.B. | With Thrust Bearing (NOISY) |
| 48400Q | Chevrolet S.B. | With Thrust Bearing (QUIET) |
| 48410 | Chevrolet S.B. | With Thrust Bearing (NOISY) |
| 48410 Q | Chevrolet S.B. | With Thrust Bearing (QUIET) |
| 48420 | Ford S.B. | With Thrust Bearing (NOISY) |
| 48430 | Ford S.B. | With Thrust Bearing (NOISY) |
| 48450 | Chevrolet S.B. | With Thrust Bearing (NOISY) |

GEAR DRIVE SPEED SETS

Check the application section for detailed year range information and required set number.

- Large .250 diameter seamless double roller chain
- Billet steel cam sprocket
- 3 keyway crank sprocket w/+4°/-4° cam adjustment
- Press fit roller thrust bearing and bronze washer options
- •9 keyway steel crank sprocket options, heat treated w/black oxide coating

RECOMMENDED FOR STREET N STRIP, CIRCLE TRACK, CLAIMER & HOT ROD APPLICATIONS



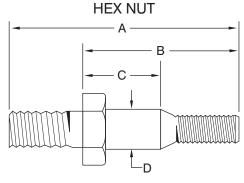
| Part No. | Applications | Features | |
|---|----------------|--------------------------|--|
| 48500T-9 | Chevrolet S.B. | Press Fit Thrust Bearing | |
| 48500W-9 | Chevrolet S.B. | Bronze Washer | |
| 48510T-9 | Chevrolet S.B. | Press Fit Thrust Bearing | |
| 48510W-9 | Chevrolet S.B. | Bronze Washer | |
| 48520T-9 | Ford S.B. | Press Fit Thrust Bearing | |
| 48520W-9 | Ford S.B. | Bronze Washer | |
| 48530T-9 | Ford S.B. | Press Fit Thrust Bearing | |
| 48551T-9 Ford S.B. Press Fit Thrust Bearing | | | |

3 PC BILLET STEEL SPEED SETS

Check the application section for detailed year range information and required set number.

SCREW IN ROCKER ARM STUDS

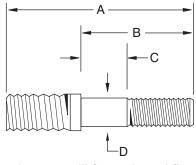
| | Part | A | В | C | D | Thread S | Size | |
|-------------|-----------|--------|--------|--------|----------|----------------|----------|---------|
| Application | No. | Length | Length | Length | Diameter | Bottom | Тор | Hex Nut |
| CHEVROLET | MRDS-941 | 2.560 | 1.765 | 0.875 | 7/16 | 7/16-14 | 7/16-20 | Yes |
| | MRDS-945 | 2.250 | 1.490 | 0.770 | 3/8 | 7/16-14 | 3/8-24 | Yes |
| | MRDS-948 | 57mm | 40mm | 22mm | 10mm | 10mm-1.5 | 10mm-1.0 | Yes |
| | MRDS-960 | 61mm | 40mm | 24mm | 12mm | 10mm-1.5 | 8mm-1.25 | Yes |
| | MRDS-970 | 60mm | 38mm | 27mm | 10mm | 10mm-1.5 | 8mm-1.25 | Yes |
| | MRDS-1920 | 2.325 | 1.600 | 0.750 | 3/8 | 7/16-14 | 3/8-24 | No |
| | MRDS-2920 | 2.325 | 1.725 | 0.850 | 3/8 | 7/16-14 | 3/8-24 | Yes |
| FORD | MRDS-940 | 2.670 | 1.910 | 0.810 | 7/16 | 7/16-14 7/16-2 | | Yes |
| | MRDS-942 | 61mm | 41mm | 19mm | 8mm | 10mm-1.5 | 8mm-1.25 | No |
| PONTIAC | MRDS-939 | 2.470 | 1.710 | 0.875 | 7/16 | 7/16-14 | 3/8-24 | Yes |



Cold rolled threads

• 190,000 psi alloy steel





- Large radii for reduced flex
- Black oxided



CYLINDER SLEEVES

- Universal flanged sleeves provide extra insurance against sleeve movement in performance applications
- Reduce the critical factors that secure standard liners such as press fit, cylinder ledge at bottom of bore, and heat expansion rates of metals.
- Flange counter bore thickness in block can be machined .002 less to provide extra sealing against the gasket and head from the flange sleeve.
- Bore can be up to .060 bigger than standard and still have 3/32" sleeve wall.

| Part No. | Std. Bore | Sleeve O.D. | Sleeve O.D. | Sleeve O.D. | Flange Thickness | Sleeve O.D. | Sleeve Length |
|-------------|--------------|----------------|----------------|----------------|---------------------|----------------|------------------|
| 590203 | 3.9375 | 3.907 | 4.330 | 4.330 | .125 | 4.190 | 6-3/4 |
| 590259 | 4.000 | 3.970 | 4.330 | 4.330 | .125 | 4.253 | 5-1/2 |
| 590298 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 5-7/8 |
| 590236 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 6-1/4 |
| 590280 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 6-1/2 |
| 590231 | 4.050 | 4.020 | 4.443 | 4.443 | .125 | 4.303 | 6-1/4 |
| 590295 | 4.050 | 4.020 | 4.443 | 4.443 | .125 | 4.303 | 6-5/16 |
| 592274 | 4.110 | 4.080 | 4.503 | 4.503 | .125 | 4.363 | 6-7/8 |
| 592256 | 4.125 | 4.095 | 4.518 | 4.518 | .125 | 4.378 | 7-1/2 |
| 590261 | 4.125 | 4.095 | 4.518 | 4.518 | .125 | 4.378 | 6-1/4 |
| 590297 | 4.250 | 4.220 | 4.643 | 4.643 | .125 | 4.503 | 7 |

PUSHROD GUIDE PLATES

All Melling Select Performance guide plates are stamped from heat treated steel to reduce flexing and rocker arm side movement. They are black oxide coated to prevent rusting. Guide plates must be used with screw in rocker arm studs.

| Part Number | Thickness | Style |
|-------------|-----------|--------|
| MGP1004 | 5/16" | Flat |
| | | |
| MGP1014 | 3/8" | Flat |
| | | |
| MGP1024 | 3/8" | Raised |
| | | |
| MGP1034 | 5/16" | Raised |
| | | |



| Part Number | Thickness | Style |
|-------------|-----------|--------|
| MGP1064 | 7/16" | Raised |
| | | |
| MGP1074 | 3/8" | Raised |

| Part Number | Thickness | Style |
|-------------|-----------|-------|
| MGP1084 | 5/16" | Flat |
| | | |
| MGP1094 | 3/8" | Flat |

| Part Number | Thickness | Style |
|-------------|-----------|-------|
| MGP1104 | 3/8" | Flat |
| | | |
| MGP1114 | 5/16" | Flat |

| Part Number | Thickness | Style |
|-------------|-----------|--------|
| MGP1124 | 3/8" | Raised |
| | | |
| MGP1134 | 5/16" | Raised |
| | | · |









Specialty Items & Tools

Melling Engine Priming Tools

Melling Engine Priming Tools are manufactured from the highest quality materials available. These tools will prevent galling problems by circulating oil through critical areas of a new engine before engine start-up.









PT11 Fords with a 1/4" hex shaft

PT12 Fords with a 5/16" hex shaft



PT13 Small Block & Big Block Chevrolet

Melling Screen Installation Tools

Melling Engine Parts supplies (2) tools for installing press-in type oil pump screen assemblies. The pumpbody should be placed on a small block of wood with the tool straight up and down. Start the screen straight into the hole by twisting and turning by hand before pounding. **UNDER NO CIRCUMSTANCES SHOULD THE SCREEN OR OIL PUMP BE HELD IN A VICE.** This will lock up the pump by crushing the gear pocket. The tool can be tapped with a hammer until the rolled bead on the collar of the screen tube is flush with the oil pump. This is a metal displacement press fit that only works once.



MCAT-62 For 5/8" diameter tubes

MCAT-75 For 3/4" diameter tubes

Melling Pre-Lube Engine Oiler A must have tool to pre-lube engines

- •Eliminates dry starts after engine rebuilds
- •Eliminates initial wear on engine components
- •Can be used on all internal combustion engines



MELL-LUBE Engine Assembly Lube NEW IMPROVED PROTECTION 1,400 PPM ZINC

MELL-LUBE engine assembly lube contains a special additive that plates wear surfaces to prevent scoring or galling during engine start-up.

MELL-LUBE also contains corrosion inhibitors to prevent rust and pitting to new engines.

NOTE: Not for use on cylinder walls or piston rings

Dura-Bond Engine Hardware Finishing Kits



FKC-1HP S.B. Chevy



FKC-3HP B.B. Chevy



GENERAL MOTORS S.B. & B.B.

| KIT NO. | YEAR | MAKE & Application | CONTENTS | QTY. | DESCRIPTION |
|---------|-----------|---------------------------|-----------|------|-------------------------------|
| FKC-1HP | 1957-1986 | Chevy S.B. V8 262-400 CID | AD-927-P | 4 | Head Dowel |
| | | | AD-1284-P | 4 | Timing Cover / Oil Pump Dowel |
| | | | AB-001-P | 3 | Cam Bolt |
| | | | AW-013-P | 1 | Cam Lock Plate |
| | | | AB-039-P | 2 | Oil Filter Adapter Bolts |
| | | | AK-001-P | 1 | Woodruff Key |
| | | | AK-002-P | 2 | Woodruff Key |
| | | | AD-023 | 2 | Transmission Dowel |
| FKC-3HP | 1967-1991 | Chevy B.B. V8 366-454 CID | AD-8081-P | 4 | Head Dowel |
| | | | AD-1284-P | 4 | Timing Cover / Oil Pump Dowel |
| | | | AW-013-P | 1 | Cam Lock Plate |
| | | | AB-039-P | 2 | Oil Filter Adapter Bolts |
| | | | AB-001-P | 3 | Cam Bolt |
| | | | AK-002-P | 2 | Woodruff Key |
| | | | AD-023 | 2 | Transmission Dowel |

Most rebuilders know the time and expense of trying to reclaim service parts. Dura-Bond has introduced a new line of performance engine hardware finishing kits. These kits include all of the necessary hardware and components needed to complete a rebuild such as dowel pins, cam bolts, seal housing components, woodruff keys, cam eccentrics, by-pass valves, cam lock plate & longer transmission dowel. The engine hardware finishing kits allow rebuilders an easy way to inventory and recoup lost costs on these components.



3200 Arrowhead Drive, Carson City, NV 89706 • 1-800-227-8360 • www.dura-bondbearing.com

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| | | | AB-001-P | 3 | Cam Bolt |
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Dura-Bond Cam Bearings. Race Proven. Time Tested.



Legendary performers, like the Chevy small block, continue to rely upon Dura-Bond's 50year history of industry leadership. Our entire

line of cam bearings creates the benchmark of quality and endurance. Take our newest high performance line for example. These all-round cam bearings offer more than double the fatigue strength of conventional bearings, withstand racing spring pressure, and maintain the excellent surface characteristics of babbitt. It's quality that stands the test of time. Just ask any high performance engine rebuilder. They'll know.

For more information about American made Dura-Bond products, call 1-800-227-8360





CHROME MOLY PUSH ROD IDENTIFICATION CHART

| | Length Diameter | | | | | | | Type A Type B | - | ype C | Typ | e E |
|-----|--------------------|----------|----------|-----------------|----------------|----|-------|------------------|----------|----------|-----------------|----------------|
| | | Length | Diameter | | Max. Spring | | | | Length | Diameter | | Max. Spring |
| | Part No. | (inches) | (inches) | End Type | Pressure (lbs) | | | Part No. | (inches) | (inches) | End Type | Pressure (lbs) |
| | 500064 | 9.175 | 11/32 | A&B | 350 | (I |)[| 500394 (H) | 8.144 | 5/16 | C&C | 350 |
| | 500074 | 10.498 | 11/32 | A&B | 350 | (I |)) | 500404 (H) | 6.886 | 5/16 | C&C | 350 |
| | 500094 | 9.564 | 5/16 | B&B | 350 | (I |) | 500414 (H) | 7.605 | 5/16 | C&C | 350 |
| | 500104 | 9.594 | 5/16 | B&B | 350 | I) |) | 500424 (H) | 8.408 | 5/16 | C&C | 350 |
| (D) | 500154 (H) | 8.280 | 3/8 | D&D | 350 | I) |) | 500434 (H) | 8.492 | 5/16 | C&C | 350 |
| (D) | 500164 (H) | 9.252 | 3/8 | D&D | 350 | I) |) | 500444 (H) | 7.645 | 5/16 | C&C | 350 |
| | 500174 | 10.657 | 3/8 | A&C | 350 | | | 500474 | 9.025 | 3/8 | A&E | 350 |
| | 500184 | 11.585 | 3/8 | A&C | 350 | I) |) | 500494 (H) | 9.682 | 5/16 | C&C | 350 |
| | 500194 | 9.140 | 3/8 | A&C | 350 | | | 500544 | 8.750 | 3/8 | A&C | 350 |
| | 500204 | 9.375 | 5/16 | C&D | 350 | | | 500554 | 8.136 | 3/8 | A&C | 350 |
| | 500214 | 8.635 | 5/16 | C&D | 350 | I) |) | 500564 (H) | 9.547 | 5/16 | C&C | 350 |
| (D) | 500224 | 7.342 | 5/16 | A&C | 350 | I) |) | 500574 (H) | 8.693 | 5/16 | C&C | 350 |
| (D) | 500274 (H) | 9.130 | 5/16 | C&C | 350 | I) |) | 500584 (H) | 6.776 | 5/16 | C&C | 350 |
| (D) | 500294 | 8.280 | 7/16 | D&D | 350 | | | 500594 (H) | 7.513 | 5/16 | C&C | 350 |
| (D) | 500304 | 9.252 | 7/16 | D&D | 350 | (I |) | 500614 (H) | 7.894 | 5/16 | C&C | 350 |
| (D) | 500314 (H) | 7.800 | 5/16 | C&C | 350 | I) |) | 500624 | 8.680 | 3/8 | D&D | 350 |
| (D) | 500324 | 8.555 | 5/16 | C&C | 350 | I) |) | 500634 | 9.652 | 3/8 | D&D | 350 |
| | 500334 | 9.295 | 5/16 | C&C | 350 | (I | · F | 500664 (H) | 8.182 | 5/16 | C&C | 350 |
| | 500344 | 8.555 | 3/8 | A&E | 350 | I) | · ' F | 500674 | 7.894 | 3/8 | C&C | 350 |
| | 500354 | 9.295 | 3/8 | A&E | 350 | I) | · ' F | 501004 (H) | 7.800 | 5/16 | C&C | 500 |
| | 500364 | 10.490 | 3/8 | A&E | 350 | I) | · ' F | 501014 (H) | 7.900 | 5/16 | C&C | 500 |
| | 500374 | 11.457 | 3/8 | A&E | 350 | I) | - 1 H | 501024 (H) | 7.950 | 5/16 | C&C | 500 |
| l | 500384 | 8.412 | 3/8 | A&E | 350 | (I | D) | 501034 (H) | 8.000 | 5/16 | C&C | 500 |

H = HEAT TREATED FOR USE WITH GUIDE PLATES

D = DRILLED

VALVE IDENTIFICATION CHART

| Deathla | Head | Overall | Stem | |
|----------|----------|---------|----------|------------|
| Part No. | Diameter | Length | Diameter | Seat Angle |
| 451014 | 1.940 | 4.880 | .341 | 45° |
| 451024 | 1.500 | 4.905 | .341 | 45° |
| 451034 | 2.020 | 4.897 | .341 | 45° |
| 451044 | 1.600 | 4.881 | .372 | 45° |
| 451054 | 2.190 | 5.230 | .372 | 45° |
| 451064 | 1.725 | 5.350 | .372 | 45° |
| 451074 | 2.300 | 5.230 | .372 | 45° |
| 451084 | 1.880 | 5.350 | .371 | 45° |
| 451094 | 1.880 | 5.070 | .341 | 45° |
| 451104 | 1.451 | 5.070 | .341 | 45° |
| 451114 | 1.940 | 5.070 | .341 | 45° |
| 451124 | 1.600 | 5.050 | .341 | 45° |
| 451134 | 2.190 | 5.231 | .341 | 45° |
| 451144 | 1.725 | 5.070 | .341 | 45° |
| 451154 | 1.780 | 5.070 | .341 | 45° |
| 451194 | 2.250 | 5.280 | .341 | 30° |
| 451204 | 1.725 | 5.070 | .341 | 45° |

CHROME MOLY VALVE SPRING RETAINER SPECIFICATION CHART

| Part No. | Diameters Outside/Steps | Relative Height (inches) |
|----------|----------------------------|-----------------------------|
| Tart No. | FOR 11/32" VALVE STE | |
| 475304 | 1.375/1.060/.675 | +.015 |
| 475044 | 1.375/1.060/.675 | +.120 |
| 475054 | 1.375/1.060/.675 | +.070 |
| 475074 | 1.375/1.085/.805 | +.125 |
| 475114 | 1.500/1.135/.665 | +.115 |
| 475184 | 1.190/.870/.610 | 0 |
| | FOR 3/8" VALVE STEMS | 5 |
| 475024 | 1.375/1.075/.785 | 040 |
| 475064 | 1.375/1.065/.675 | 120 |
| 475084 | 1.375/1.085/.805 | 015 |
| 475094 | 1.500/1.135/.635 | +.010 |
| 475124 | 1.375/1.065/.670 | 0 |
| 475144 | 1.375/1.035/.785 | 030 |

These retainers are heat treated to 40 ROCKWELL $\hfill \mbox{\sc scale}$ and are all manufactured for 7° valve locks.

NOTE: There are many tolerances that effect the final location and spring height. The relative height dimension is for comparison purposes of these retainers. We took a stock SB Chevy retainer with our 45103 valve and 47601 locks and measured from the rocker arm end of the valve to the spring seat on the retainer. We then took the same dimensions for our 11/32" stem retainers. The 47518 is the same as the stock retainer and is shown as zero. The relative height tells how much the assembled spring height will be changed if you changed from the 47518. The 47501 would shorten the height by .070" while the 47505 would increase it the same amount. The same applies to the 3/8" stem retainers except we used a stock BB Chevy retainer with our 45105 valve and 47300 locks as a starting point.

| VALVE SPF | LVE SPRINGS POUNDS PRESSURE AT THESE HEIGHTS | | | | | | | | | | | |
|-----------|--|-------|-------|---------|---------------|---------------|-------|---------|-------|---------|-------|---------|
| | | | | | | | | | | | Coil | |
| Part No. | OD | ID | 1.88" | 1.38" | 1.80 " | 1.30 " | 1.72" | 1.22" | 1.67" | 1.17" | Bind | # Coils |
| 466074 | 1.525 | 1.075 | 132 | 364 | | | | | | | 1.187 | 5.652 |
| 466174 | 1.475 | 1.061 | 90 | 260 | 115 | 285 | | | | | 1.125 | 6 |
| 466204 | 1.260 | 0.876 | | | | | 115 | 307 | 134 | 326 | 1.160 | 6.5 |
| 466224 | 1.539 | 1.125 | 158 | 318 | | | | | | | 1.200 | 6 |
| 466244 | 1.500 | 1.064 | 100 | 310 | | | | | | | 1.156 | 5.75 |
| 466354 | 1.215 | 0.861 | | | | | 110 | 260 | 125 | 284 | 1.125 | 6.75 |
| 466364 | 1.260 | 0.876 | | | | 125@1.750 | | 325 | | | 1.160 | 6 |
| 466434 | 1.435 | 1.035 | | | | | 90 | 260 | 105 | 282 | 1.125 | 5.7 |
| 466444 | 1.437 | 1.075 | | | 105 | 217 | 123 | 235 | | | 1.062 | 6.5 |
| | | | | | | | | | | | | |
| 466114 | 1.43 | .796 | 128 | 296 | 154 | 322 | | | | | 1.015 | 6.25 |
| 466274 | | | | | | | | | | | | |
| 466124 | 1.384 | .804 | | | | | | | 105 | 220 | 0.906 | 6 |
| 466134 | | | | | | | | | | | | |
| 466154 | 1.55 | .780 | | 136@1.9 | | 300@1.4 | | 333@1.3 | | 349@1.2 | 1.156 | 6.5 |
| 466164 | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| VS-320 | | | | | 100 | 320 | | | | | 1.35 | |
| VS-380 | | | | | | | 80 | 240 | | | 1.150 | |

• All numbers are nominal

· Springs should be checked in every application

· Springs with dampners should be oiled prior to testing and installing

• Actual coil bind will vary because of the tolerances in the wire diameter

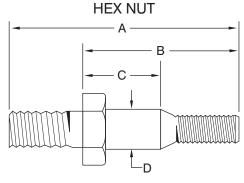
· Coil bind can be checked by compressing the spring in a vise and measuring

• Valve open height should be coil bind plus .100 or more

• Coil bind plus .050 has been used but the life of the spring will be less

SCREW IN ROCKER ARM STUDS

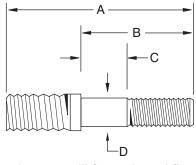
| | Part | A | В | C | D | Thread S | Thread Size | |
|-------------|-----------|--------|--------|--------|----------|----------|-------------|---------|
| Application | No. | Length | Length | Length | Diameter | Bottom | Тор | Hex Nut |
| CHEVROLET | MRDS-941 | 2.560 | 1.765 | 0.875 | 7/16 | 7/16-14 | 7/16-20 | Yes |
| | MRDS-945 | 2.250 | 1.490 | 0.770 | 3/8 | 7/16-14 | 3/8-24 | Yes |
| | MRDS-948 | 57mm | 40mm | 22mm | 10mm | 10mm-1.5 | 10mm-1.0 | Yes |
| | MRDS-960 | 61mm | 40mm | 24mm | 12mm | 10mm-1.5 | 8mm-1.25 | Yes |
| | MRDS-970 | 60mm | 38mm | 27mm | 10mm | 10mm-1.5 | 8mm-1.25 | Yes |
| | MRDS-1920 | 2.325 | 1.600 | 0.750 | 3/8 | 7/16-14 | 3/8-24 | No |
| | MRDS-2920 | 2.325 | 1.725 | 0.850 | 3/8 | 7/16-14 | 3/8-24 | Yes |
| FORD | MRDS-940 | 2.670 | 1.910 | 0.810 | 7/16 | 7/16-14 | 7/16-20 | Yes |
| | MRDS-942 | 61mm | 41mm | 19mm | 8mm | 10mm-1.5 | 8mm-1.25 | No |
| PONTIAC | MRDS-939 | 2.470 | 1.710 | 0.875 | 7/16 | 7/16-14 | 3/8-24 | Yes |



Cold rolled threads

• 190,000 psi alloy steel





- Large radii for reduced flex
- Black oxided



CYLINDER SLEEVES

- Universal flanged sleeves provide extra insurance against sleeve movement in performance applications
- Reduce the critical factors that secure standard liners such as press fit, cylinder ledge at bottom of bore, and heat expansion rates of metals.
- Flange counter bore thickness in block can be machined .002 less to provide extra sealing against the gasket and head from the flange sleeve.
- Bore can be up to .060 bigger than standard and still have 3/32" sleeve wall.

| Part No. | Std. Bore | Sleeve O.D. | Sleeve O.D. | Sleeve O.D. | Flange Thickness | Sleeve O.D. | Sleeve Length |
|-------------|--------------|----------------|----------------|----------------|---------------------|----------------|------------------|
| 590203 | 3.9375 | 3.907 | 4.330 | 4.330 | .125 | 4.190 | 6-3/4 |
| 590259 | 4.000 | 3.970 | 4.330 | 4.330 | .125 | 4.253 | 5-1/2 |
| 590298 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 5-7/8 |
| 590236 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 6-1/4 |
| 590280 | 4.000 | 3.970 | 4.393 | 4.393 | .125 | 4.253 | 6-1/2 |
| 590231 | 4.050 | 4.020 | 4.443 | 4.443 | .125 | 4.303 | 6-1/4 |
| 590295 | 4.050 | 4.020 | 4.443 | 4.443 | .125 | 4.303 | 6-5/16 |
| 592274 | 4.110 | 4.080 | 4.503 | 4.503 | .125 | 4.363 | 6-7/8 |
| 592256 | 4.125 | 4.095 | 4.518 | 4.518 | .125 | 4.378 | 7-1/2 |
| 590261 | 4.125 | 4.095 | 4.518 | 4.518 | .125 | 4.378 | 6-1/4 |
| 590297 | 4.250 | 4.220 | 4.643 | 4.643 | .125 | 4.503 | 7 |

NUMERICAL LISTING

ABBREVIATIONS USED TO INDICATE CAR AND TRUCK MANUFACTURERS

| ACUR: | ACURA | JAGU: | JAGUAR |
|-------|---------------------------------------|-------|------------------------------------|
| ALFA: | ALFA ROMEO | JEEP: | JEEP |
| ALLT: | ALLIS CHALMERS LIFT TRUCK | JOHN: | JOHN DEERE TRACTOR |
| ALTR: | ALLIS CHALMERS TRACTOR | KAIS: | KAISER |
| AMC: | AMERICAN MOTORS | KIA: | KIA |
| AMC: | PERFORMANCE - AMERICAN MOTORS & JEEP | LEXU: | LEXUS |
| AUDI: | AUDI | MAZD: | MAZDA |
| AUS: | AUSTIN | MENZ: | MERCEDES BENZ |
| BMW: | BMW | MERC: | MERCURY (INC. LINCOLN) |
| BUIC: | BUICK | MERC: | MERCURY MARINE |
| BUIC: | PERFORMANCE - BUICK | MGGB: | MG |
| | | | |
| CADL: | CADILLAC | MINN: | |
| CASE: | CASE TRACTOR | MITS: | MITSUBISHI |
| CATP: | CATERPILLAR | NISS: | NISSAN/DATSUN |
| CHEV: | CHEVROLET | NISS: | NISSAN INDUSTRIAL |
| CHEV: | PERFORMANCE - CHEVROLET CARS & TRUCKS | OLDS: | OLDSMOBILE |
| CHYL: | CHRYSLER | OLDS: | PERFORMANCE - OLDSMOBILE |
| CHYL: | PERFORMANCE - CHRYSLER PRODUCTS | OLTR: | OLIVER TRACTOR |
| CHYL: | CHRYSLER MARINE | OMC: | ОМС |
| CHYU: | CHRYLSER-INDUSTRIAL | OPEL: | OPEL |
| CONT: | CONTINENTAL | PERK: | PERKINS |
| CUMM: | CUMMINS | PEUG: | PEUGEOT |
| DAEW: | DAEWOO | PLYM: | PLYMOUTH |
| DALW. | | | |
| | DAIHATSU | PONT: | PONTIAC |
| DESO: | DESOTO | PONT: | PERFORMANCE - PONTIAC |
| DETD: | DETROIT DIESEL | PORS: | PORSCHE |
| DODG: | DODGE | RENL: | RENAULT |
| DODT: | DODGE TRUCK | REO: | REO |
| EAGL: | EAGLE | ROVE: | ROVER |
| FIAT: | FIAT | SAAB: | SAAB |
| FORD: | FORD | SATU: | SATURN |
| FORD: | PERFORMANCE - FORD PRODUCTS & TRUCKS | SCI: | SCION |
| FORD: | FORD MARINE | STUD: | STUDEBAKER |
| FOTR: | FORD TRUCK | SUBU: | SUBARU |
| FOTT: | FORD TRACTOR | SUZI: | SUZUKI |
| FOTU: | FORD INDUSTRIAL | TOY: | SPORT COMPACT PERFORMANCE - TOYOTA |
| GMC: | GMC/CHEVY TRUCKS | | CARS & TRUCKS |
| | | TOYO: | ТОУОТА |
| HENR: | HENRY-J | | |
| HERC: | HERCULES | TRIU: | TRIUMPH |
| HOND: | HONDA | VOLK: | VOLKSWAGEN |
| HUM: | HUMMER | VOLV: | VOLVO |
| HYUN: | HYUNDAI | WAUK: | WAUKESHA |
| IHC: | I.H.C. TRUCK | WHIT: | WHITE TRUCK |
| IHCT: | I.H.C. TRACTOR & POWER UNITS | WHTR: | WHITE PDQ TRUCKS |
| INFI: | INFINITI | WISC: | WISCONSIN |
| ISUZ: | ISUZU | YUGO: | YUGO |
| ISUZ: | PERFORMANCE - ISUZU | | |
| | | | |

| Part No. | Application | Part No. | Application | |
|----------|------------------------|--------------------------------|---|--|
| | OIL PUMP - PERFORMANCE | OIL PUMP - PERFORMANCE (Cont.) | | |
| 10176 | FORD - 281 (1996-04) | 10295 | CHEV, PONT, ISUZ - 293, 323, 325, 350, 364 | |
| 10190 | CHYL - 122 (1995-05) | | (1997-11) | |
| 10227 | FORD - 281 (1996-04) | 10296 | CHEV, PONT, ISUZ - 293, 323, 325, 350, 364 (1997-11) | |

| | | | NUMERICAL LISTING |
|-------------|---|----------|--|
| | | | |
| Part No. | Application | Part No. | Application |
| OIL | - PUMP - PERFORMANCE (Cont.) | C | DIL PUMP - PERFORMANCE (Cont.) |
| 10340 | FORD - 281, 330 (2004-10) | M-57HV | FOTR, MERC, FORD, FORD, FOTU - 330, 332, |
| 10342 | CHYL - 345, 370 (2003-07) | | 352, 360, 361, 383, 390, 410, 427, 428, 430, 462 |
| 10355 | CHEV, PONT - 325, 350, 364, 378 (1997-09) | | (1978) |
| 10540 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 | M-63HP | CHYL, DESO, DODG, DODT, CHYL, PLYM, |
| | (1959-81) | | CHYL - 350, 361, 383, 400, 413, 426, 440 (1979) |
| 10541 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 | M-63HV | CHYL, DESO, DODG, DODT, CHYL, PLYM, |
| 40550 | (1959-81) | | CHYL - 350, 361, 383, 400, 413, 426, 440 (1979) |
| 10550 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | M-72HV | CHYL, DODG, DODT, JEEP, CHYL, PLYM, CHYL |
| 10551 | 350, 400 (1957-04) CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | | - 239, 273, 318, 340, 360 (2003) |
| 10551 | 350, 400 (1957-04) | M-84AHV | FOTR, MERC, FORD, FORD - 351, 400 (1970-82) |
| 10552 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | M-94D | TOYO - (1971-79) CHEV, CHEV, PONT - 262, 267, 283, 302, 305, |
| 10552 | 350, 400 (1957-02) | M-99HV-S | 307, 327, 350, 400 (1957-04) |
| 10552C | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | M115 | NISS - (1983-84) |
| 100020 | 350, 400 (1957-02) | | |
| 10553 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | | P SCREEN ASSEMBLIES - PERFORMANCE |
| | 350, 400 (1957-02) | 12557 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| 10554 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 10550 | 350, 400 (1957-02) |
| | 350, 400 (1957-02) | 12558 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02) |
| 10555 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 12559 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-02) | 12555 | 350, 400 (1957-02) |
| 10555C | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 12564 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-02) | 12304 | 350, 400 (1957-02) |
| 10687 | FORD - 260, 289, 302 (1962-01) | 12566 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| 10688 | FORD - 260, 289, 302 (1962-01) | 12000 | 350, 400 (1957-02) |
| 10770 | CHEV - 396, 400, 402, 427, 454 (1965-97) | | CAMSHAFTS - PERFORMANCE |
| 10774 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 21300 | BUIC - 231 (1977-87) |
| 10778 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22100 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 10778C | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22107 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| 10832 | FORD - 351 (1969-94) | | 400 (1957-02) |
| 10833 | FORD - 351 (1969-94) | 22108 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| 10990 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02) | | 400 (1957-02) |
| 100000 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22109 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| 10990C | 350, 400 (1957-02) | | 400 (1957-02) |
| 10050-700CT | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22111 | CHEV, PONT - 305, 327, 350, 400 (1962-02) |
| | 350, 400 (1957-02) | 22113 | CHEV - 262 (1985-04) |
| 10050-750SS | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22114 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| | 350, 400 (1957-02) | | 400 (1957-02) |
| 10050-825SS | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22115 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| | 350, 400 (1957-02) | | 400 (1957-02) |
| 10055-700CT | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22116 | OMC, MERC |
| | 350, 400 (1957-02) | 22117 | OMC, MERC |
| 10055-750SS | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22118 | OMC, MERC |
| | 350, 400 (1957-02) | 22119 | GMC, MERC - 262 (1991) |
| 10055-825SS | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22120 | MERC |
| | 350, 400 (1957-02) | 22121 | MERC |
| 10070-800SS | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22123 | MERC OMC MERC |
| 10070-900SS | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22124 | OMC, MERC |
| 10077-800SS | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22125 | OMC, MERC |
| 10077-900SS | CHEV - 396, 400, 402, 427, 454 (1965-97) | 22126 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, 400 (1957-02) |
| M-22FHV | BUIC, CHEV, GMC, OLDS, OLDS, CADL, PONT - | 22127 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| | 260, 307, 330, 350, 394, 400, 403, 425, 455 (1959-90) | 22127 | CHEV - 262 (1985-04) |
| M-57B | MERC, FORD, FORD - 390, 428 (1961-71) | 22128 | CHEV 202 (1903-04) CHEV, PONT - 305, 350 (1967-02) |
| M-07 D | MERO, I ORD, I ORD - 030, 420 (1301-71) | | |

| Part No. | Application | Part No. | Application |
|----------|---|----------------|---|
| | AMSHAFTS - PERFORMANCE (Cont.) | | MSHAFTS - PERFORMANCE (Cont.) |
| 22131 | CHEV, PONT - 305, 350 (1967-02) | 22396 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 22135 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22397 | CHEV, PONT - 305, 350 (1967-02) |
| | 350, 400 (1957-02) | 22398 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 33 |
| 22136 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | | 350, 400 (1957-02) |
| | 350, 400 (1957-02) | 22400 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| 22141 | CHEV - 396, 400, 402, 427, 454 (1965-97) | | 350, 400 (1957-02) |
| 22200 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22401 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| | 350, 400 (1957-02) | | 350, 400 (1957-02) |
| 22201 | CHEV, PONT - 350 (1997-04) | 22402 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| 2203 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, | | 350, 400 (1957-02) |
| | 400 (1957-02) | 22404 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| 2204 | CHEV - 396, 400, 402, 427, 454 (1965-97) | | 350, 400 (1957-02) |
| 22210 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 22410 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| | 350, 400 (1957-02) | | 350, 400 (1957-02) |
| 22213 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, | 22427 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| | 400 (1957-02) | 22450 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| 22214 | CHEV - 396, 400, 402, 427, 454 (1965-97) | | 350, 400 (1957-02) |
| 22215 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, | 22460 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| | 400 (1957-02) | | 350, 400 (1957-02) |
| 22216 | MERC | 22471 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 22217 | MERC | 22472 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 2218 | MERC | 22480 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 2219 | MERC | 22485 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 2220 | MERC | 23103 | CHYL |
| 22221 | CHEV, PONT, MERC - 305, 350 (2002) | 23104 | CHYL |
| 22222 | MERC | 23203 | CHYL - 273, 318, 340, 360 (1965-02) |
| 22223 | MERC | 23203 | CHYL - 361, 383, 400, 413, 426, 440 (1959-78) |
| 22230 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 23302 | CHYL - 361, 383, 400, 413, 426, 440 (1959-78) |
| | 350, 400 (1957-02) | 23321 | CHYL - 361, 383, 413, 426, 440 (1959-78) |
| 22232 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24106 | FORD, MERC |
| | 350, 400 (1957-02) | 24107 | FORD, MERC |
| 22233 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24107 | FORD - 260, 289, 302, 351 (1962-01) |
| | 350, 400 (1957-02) | 24110 | FORD - 260, 289, 302, 351 (1962-01) |
| 22234 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24110 | FORD - 351, 400 (1970-82) |
| | 350, 400 (1957-02) | | FORD - 260, 289, 302 (1962-01) |
| 22235 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24203 | FORD - 351, 400 (1970-82) |
| | 350, 400 (1957-02) | 24204 | |
| 22236 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 24205 24206 | FORD - 352, 360, 390, 406, 427, 428 (1958-76 FORD - 429, 460 (1968-97) |
| 22237 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24200 | FORD, MERC |
| | 350, 400 (1957-02) | 24209 | FORD - 260, 289 (1962-68) |
| 22238 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24210 | FORD - 351 (1969-94) |
| | 350, 400 (1957-02) | 24211 | FORD - 260, 289, 302 (1962-01) |
| 22280 | CHEV - 350 (1967-02) | 24212 | FORD - 260, 269, 302 (1962-01) FORD |
| 22296 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 24213 | FORD - 260, 289, 302, 351 (1962-01) |
| 2297 | CHEV - 454 (1970-97) | 24214 | FORD - 260, 269, 302, 351 (1962-01) FORD - 352, 360, 390, 406, 427, 428 (1958-76 |
| 2298 | CHEV, PONT - 305, 350 (1967-02) | 24218 | FORD - 352, 360, 390, 406, 427, 428 (1958-76 FORD - 351, 400 (1970-82) |
| 2301 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24224 24225 | FORD - 351 (1969-94) |
| 0000 | 350, 400 (1957-02) | | , , |
| 2302 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 24226 | FORD - 302 (1968-01) |
| 2303 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24227 | FORD - 302 (1968-01) |
| 0005 | 350, 400 (1957-02) | 24280 | FORD - 302 (1968-01) |
| 22305 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24301 | FORD - 260, 289, 302 (1962-01) |
| | 350, 400 (1957-02) | 24302 | FORD - 352, 360, 390, 406, 427, 428 (1958-76 |
| 22306 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 24305 | FORD - 260, 289, 302, 351 (1962-01) |
| 22320 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 24401 | FORD - 351, 400 (1970-82) |
| | 350, 400 (1957-02) | 24406 | FORD - 429, 460 (1968-97) |

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| Part No. | Application | Part No. | |
| | MSHAFTS - PERFORMANCE (Cont.) | | LIFTERS - PERFORMANCE (Cont.) |
| 25211 | OLDS - 260, 307, 350, 400, 403, 425, 455 | 298184 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | (1965-88) | | 350, 396, 400, 402, 427, 454 (1957-04) |
| 25309 | OLDS - 260, 307, 350, 400, 403, 425, 455 | 298724 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) |
| 25310 | (1965-88) | 299004 | FORD - 260, 289, 302, 351, 400, 429, 460 |
| 25310 | OLDS - 260, 307, 350, 400, 403, 425, 455 (1965-88) | 299014 | (1962-01) FORD - 260, 289, 302, 351, 400, 429, 460 |
| 26204 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 | 233014 | (1962-01) |
| | (1959-81) | 299374 | CHYL - 273, 318, 340, 360, 361, 383, 400, 413, |
| 26303 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 | | 426, 440 (1959-02) |
| | (1959-81) | 299514 | OLDS, PONT - 260, 307, 326, 350, 389, 400, 403, |
| 26308 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 | | 421, 428, 455 (1959-88) |
| | (1959-81) | 299694 | CHEV, PONT, BUIC - 181, 231, 252, 301, 454 |
| 27101 | TOY - (1975-95) | | (1970-97) |
| 27201 | TOY - (1975-95) | 299704 | CHEV, PONT, BUIC - 181, 231, 252, 301, 454 |
| С-400-Р | CHEV, CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, 350, 400 (1957-02) | 200764 | (1970-97) CHYL - 383, 400, 440 (1959-78) |
| C-410-P | CHEV - 350 (1967-81) | 299764 299984 | AMC - 290, 304, 343, 360, 390, 401 (1967-79) |
| CCR-9 | CHEV - 292 (1964-72) | 299904 BB817RF16 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| MTA-1 | AMC, JEEP, AMC - 290, 304, 343, 360, 390, 401 | BB969RF16 | CHEV - 427, 454 (1970-97) |
| | (1966-91) | F1900RF16 | FORD - 260, 289, 302, 351, 400 (1962-01) |
| MTB-1 | BUIC, CHEV, OLDS, CADL, BUIC, PONT - 181, | JB-2079 | BUIC, CHEV, GMC, HUM, ISUZ, OLDS, CHEV, |
| | 196, 231, 252 (1977-87) | | PONT, CADL, MERC, PONT, SAAB - 151, 204, |
| MTB-2 | BUIC, CHEV, OLDS, CADL, BUIC, PONT - 181, | | 231, 250, 262, 265, 267, 273, 283, 294, 300, 302, |
| | 196, 231, 252 (1977-87) | | 305, 307, 323, 323,325, 325, 327, 346, 350, 364, |
| MTC-1 | BUIC, CHEV, GMC, OLDS, CHEV, PONT, PONT - | | 376, 378, 400, 427 (2012) |
| | 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 | JB-2082 | IHCT, IHC - 466 (2009) |
| MTC-5 | (1955-02) BUIC, CHEV, GMC, ISUZ, JEEP, OLDS, CHEV, | SB079RF16 SB817RF16 | CHEV, PONT - 305, 350 (1967-02) CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| W10-5 | CADL, PONT - 173, 189 (1980-94) | 3501/11/10 | 350, 400 (1957-02) |
| MTC-6 | CHEV, GMC, CHEV - 396, 400, 402, 427, 454 | CAM | SHAFT LIFTER KITS - PERFORMANCE |
| | (1965-00) | CL-MTA-1 | AMC, JEEP, AMC - 290, 304, 343, 360, 390, 401 |
| MTD-1 | DODG, DODT, CHYL, PLYM, CHYL - 273, 318, | •= | (1966-91) |
| | 340, 360 (1958-03) | CL-MTB-1 | BUIC, CHEV, OLDS, CADL, BUIC, PONT - 181, |
| MTD-2 | DODG, DODT, CHYL, PLYM, CHYL - 361, 383, | | 196, 231, 252 (1977-87) |
| | 400, 413, 426, 440 (1958-79) | CL-MTB-2 | BUIC, CHEV, OLDS, CADL, BUIC, PONT - 181, |
| MTF-1 | FOTR, MERC, FORD, FORD - 260, 289, 302 | | 196, 231, 252 (1977-87) |
| MTF-2 | (1962-01) FOTR, MERC, FORD, FORD - 351, 400 (1970-82) | CL-MTC-1 | BUIC, CHEV, GMC, OLDS, CHEV, PONT, PONT - |
| MTF-3 | FOTR, MERC, FORD, FORD - 429, 460 (1970-32) | | 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-02) |
| MTF-4 | FOTR, MERC, FORD, FORD - 330, 352, 359, 360, | CL-MTC-6 | (1955-02) CHEV, GMC, CHEV - 396, 400, 402, 427, 454 |
| | 361, 389, 390, 391, 406, 427, 428 (1958-78) | | (1965-00) |
| MTF-5 | FOTR, MERC, FORD, FORD - 302, 351 (1968-01) | CL-MTD-1 | DODG, DODT, CHYL, PLYM, CHYL - 273, 318, |
| MTF-6 | FOTR, FORD - 240, 300 (1965-96) | | 340, 360 (1958-03) |
| MTO-1 | BUIC, OLDS, OLDS, CADL, PONT - 260, 307, | CL-MTD-2 | DODG, DODT, CHYL, PLYM, CHYL - 383, 400, |
| | 350, 400, 403, 425, 455 (1965-90) | | 413, 440 (1959-79) |
| MTP-1 | BUIC, OLDS, PONT, PONT - 287, 301, 326, 350, | CL-MTF-1 | FOTR, MERC, FORD, FORD - 260, 289, 302 |
| | 389, 400, 421, 428, 455 (1955-81) | 0. 177 - | (1962-01) |
| 200114 | | CL-MTF-2 | FOTR, MERC, FORD, FORD - 351, 400 (1970-82) FOTR, MERC, FORD, FORD - 429, 460 (1968-98) |
| 290114 | CHYL, AMC - 273, 290, 304, 318, 340, 343, 360, 390, 401 (1965-02) | CL-MTF-3 CL-MTF-4 | FOTR, MERC, FORD, FORD - 429, 460 (1968-98) |
| 290834 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) | UE-1/111-4 | 361, 389, 390, 391, 406, 427, 428 (1958-78) |
| 290954 | CHEV - 173, 189 (1980-94) | CL-MTF-5 | FOTR, MERC, FORD, FORD - 302, 351 (1968-01) |
| 298174 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | CL-MTO-1 | BUIC, OLDS, OLDS, CADL, PONT - 260, 307, |
| | 350, 396, 400, 402, 427, 454 (1957-04) | | 350, 400, 403, 425, 455 (1965-90) |
| | | | |

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| | AFT LIFTER KITS - PERFORMANCE (Cont.) | | CHROME MOLY PUSH RODS (Cont.) |
| CL-MTP-1 | OLDS, PONT, PONT - 301, 326, 350, 389, 400, | 500424 | FORD - 351 (1970-74) |
| | 421, 428, 455 (1959-81) | 500424 | FORD - 351 (1970-74) |
| | VALVE LOCKS | 500444 | FORD - 302 (1968-01) |
| 471004 | | 500474 | CHYL - 426, 440 (1963-78) |
| 471004 | CHYL, CHYL - 273, 318, 340, 360, 361, 383, 400, 413, 426, 440 (2002) | 500494 | OMC, MERC |
| 472004 | FORD - 260, 289, 302, 400 (1962-01) | 500544 | CHYL, CHYL - 440 (1978) |
| 472004 173004 | CHEV, FORD, MERC, AMC - 290, 304, 343, 352, | 500564 | OLDS - 400, 455 (1965-76) |
| 173004 | 360, 390, 396, 400, 401, 402, 406, 427, 428, 454 | 500574 | PONT, BUIC - 181, 231, 252, 326, 389, 400, 42 |
| | (1997) | | 428 (1959-87) |
| 174004 | (1337) CHYL, CHYL - 273, 318, 340, 360, 361, 383, 400, | 500584 | FORD, FORD - 260, 289, 302 (2001) |
| 14004 | 413, 426, 440 (2002) | 500594 | CHYL, CHYL - 273, 318, 340, 360 (2002) |
| 176104 | OMC, CHEV, FORD, OLDS, PONT, FORD, | 500534 500614 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| 110104 | MERC, BUIC - 181, 231, 252, 260, 262, 267, 283, | 000014 | 350, 400 (1957-04) |
| | 301, 302, 305, 307, 326, 327, 350, 351, 389, 396, | 500624 | CHEV - 427 (1980-90) |
| | 400, 402, 403, 421, 425, 427, 428, 454, 455 (2004) | 500634 | CHEV - 427 (1980-90) |
| 176704 | FORD - 400 (1971-82) | 500664 | FORD - 351 (1969-94) |
| | GUIDE PLATES | 500674 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| | | 000014 | 350, 400 (1957-04) |
| MGP1004 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 501004 | CHEV, PONT, AMC - 262, 267, 283, 302, 304, |
| | 350, 400 (1957-02) | | 305, 307, 327, 350, 360, 390, 400, 401 (1957-0 |
| MGP1014 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 501024 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| | 350, 400 (1957-02) | 001024 | 350, 400 (1957-04) |
| MGP1024 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, | 501034 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| MGP1034 | 350, 400 (1957-02) | | 350, 400 (1957-04) |
| WGF 1034 | CHEV, PONT - 262, 267, 302, 305, 307, 327, 350, 400 (1962-02) | VAL | VE SPRING WITH HYDRAULIC LIFTERS |
| MGP1064 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 466124 | |
| MGP1004 MGP1074 | CHEV - 396, 400, 402, 427, 454 (1965-97) | 400124 | FORD, OLDS - 260, 289, 302, 307, 350, 400, 4 425, 455 (1962-01) |
| MGP1084 | FORD - 260, 289, 302, 351 (1962-01) | 466134 | |
| MGP1004 MGP1094 | FORD - 260, 289, 302, 351 (1962-01) | 400134 | FORD, OLDS - 260, 289, 302, 307, 350, 400, 4 425, 455 (1962-01) |
| MGP1104 | FORD - 351 (1970-81) | 466174 | FORD - 351 (1969-94) |
| MGP1104 MGP1114 | FORD - 351 (1970-81) | 466174 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |
| MGP1114 MGP1124 | FORD - 429, 460 (1968-97) | 466204 | |
| MGP1124 MGP1134 | FORD - 429, 460 (1968-97) | 466224 | 350, 400 (1957-02) CHEV, CHYL, FORD, MERC - 351, 352, 360, 3 |
| | CHROME MOLY PUSH RODS | 400224 | 383, 390, 396, 400, 402, 406, 413, 426, 427, 42 |
| | | | 440, 454 (1997) |
| 500064 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) | 466354 | OMC, CHEV, PONT, MERC - 262, 267, 283, 30 |
| 500074 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) | 400034 | 305, 307, 327, 350, 400 (2004) |
| 500154 500164 | CHEV, MERC - 396, 400, 402, 454 (1997) | 466434 | CHYL, AMC - 273, 290, 304, 318, 340, 343, 36 |
| 500164 500204 | CHEV, MERC - 396, 400, 402, 454 (1997) | 100101 | 361, 383, 390, 400, 401, 413, 426, 440 (1959-0 |
| 500204 500204 | CHYL | 466444 | FORD - 260, 289, 302 (1962-01) |
| 500224 500274 | CHYL - 273, 360 (1965-02) PONT - 350, 389, 400, 455 (1959-77) | VS-739 | BUIC, CHEV, GMC, OLDS, OMC, CHEV, PON |
| 500274 500204 | · · · · · · · · · · · · · · · · · · · | VO-705 | MERC, PONT - 200, 229, 262, 267, 283, 302, 3 |
| 500294 500204 | CHEV, MERC - 396, 400, 402, 454 (1997) | | 307, 327, 350, 400 (2002) |
| 500304 500314 | CHEV, MERC - 396, 400, 402, 454 (1997) OMC, CHEV, PONT, MERC, AMC - 262, 267, 283, | | E SPRING WITH MECHANICAL LIFTERS |
| 500314 | 302, 304, 305, 307, 327, 350, 360, 390, 400, 401 | | |
| | (2004) | 466114 | CHEV, FORD, PONT - 260, 262, 267, 283, 289 |
| 500334 | (2004) CHYL, CHYL - 440 (1978) | A66154 | 302, 305, 307, 327, 350, 400 (1957-02) |
| 500334 500354 | CHYL - 440 (1966-78) | 466154 | CHEV, CHYL, FORD - 351, 361, 383, 396, 400 |
| | . , | 466104 | 402, 413, 426, 427, 440, 454 (1959-97) |
| 500364 500374 | CHYL - 426 (1966-71) | 466164 | CHEV, CHYL, FORD - 351, 361, 383, 396, 400 |
| 500374 500384 | CHYL - 426 (1966-71) | 400074 | 402, 413, 426, 427, 440, 454 (1959-97) |
| 500384 500304 | CHYL - 383, 440 (1959-78) | 466274 | CHEV, FORD, PONT - 260, 262, 267, 283, 289 |
| 500394 | FORD - 351 (1969-94) | | 302, 305, 307, 327, 350, 400 (1957-02) |
| 500404 | OMC, FORD, FORD, MERC - 260 (1964) | 466364 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 3 |

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| Part No. | Application |
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| VS-1305 | CADL - 252 (1982-87) |
| | ROCKER ARMS |
| 498404 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| 400464 | 350, 400 (1957-02) |
| 498464 | PONT - 301, 326, 350, 389, 400, 421, 428, 455 (1959-81) |
| 498684 | (1959-81) CHEV - 396, 400, 402, 427, 454 (1965-97) |
| MR-903 | GMC - 262 (1992-02) |
| | ROCKER ARM STUD |
| MRDS-941 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-02) |
| MRDS-2920 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-02) |
| | 3 PC SET |
| 40201 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-04) |
| 40202 | CHYL - 273, 318, 340, 360 (1965-02) |
| 40203 | CHYL - 361, 383, 400, 413, 426, 440 (1959-78) |
| 40204 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) |
| 40205 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 40206 | FORD - 260, 289, 302, 351 (1962-01) |
| 40210 | BUIC - 350 (1972-81) |
| 40217 40400 | CHYL, CHYL - 426, 440 (1978) OMC, CHEV, PONT, MERC - 262, 267, 283, 302, |
| 40400 | 305, 307, 327, 350, 400 (2004) |
| 40401 | CHEV, MERC - 396, 400, 402, 427, 454 (1997) |
| 40402 | OMC, FORD, FORD, MERC - 260, 289, 302, 351 |
| | (2001) |
| 40403 | FORD, FORD - 429, 460 (1997) |
| 40404 | BUIC - 181, 231, 252 (1977-87) |
| 40405 | FORD - 351, 400 (1970-82) |
| 40406 | CHYL, CHYL - 273, 318, 340, 360 (2002) |
| 40407 | CHYL, CHYL - 361, 383, 400, 413, 426, 440 (1978) |
| 40408 | PONT - 326, 350, 389, 400, 421, 428, 455 (1959-77) |
| 40409 | OLDS - 260, 400, 403, 425, 455 (1965-82) |
| 40410 | FORD - 352, 360, 390, 406, 427, 428 (1958-76) |
| 40500 | CHEV, PONT - 267, 283, 302, 305, 307, 327, 350, |
| | 400 (1957-02) |
| 40510 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 40520 | CHEV, PONT - 262, 267, 283, 302, 305, 307, 327, |
| | 350, 400 (1957-04) |
| 48500T-9 | CHEV, OLDS, PONT, BUIC - 200, 229, 262, 265, |
| 49500W 0 | 267, 283, 302, 305, 307, 327, 350, 400 (1955-04) |
| 48500W-9 | CHEV, OLDS, PONT, BUIC - 200, 229, 262, 265, 267, 283, 302, 305, 307, 327, 350, 400 (1955-04) |
| 48510T-9 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 48510W-9 | CHEV - 396, 400, 402, 427, 454 (1965-97) |
| 48520T-9 | FORD - 289, 302, 351 (1963-01) |
| 48520W-9 | FORD - 289, 302, 351 (1963-01) |
| 48530T-9 | FORD - 429, 460 (1968-97) |
| 48551T-9 | FORD - 255, 302, 351 (1968-01) |
| | |





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