

**ARCHIVE**

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# SHIMANO

**2009-2010**

**Products**

**Line-up Chart**

All information in this Products Lineup chart is confidential and has been given to you for the sole of your product development staff.

This information should not be photo copied.

Specifications are subject to change without prior notice.


Issued on April 21, 2009

SHIMANO INC.

Printed in Japan

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**27-SPEED**


**Disc brake spec**


  
ST-M975  
Dual Control Lever  
for hydraulic  
disc brake


  
SL-M970A  
RAPIDFIRE Plus shifter

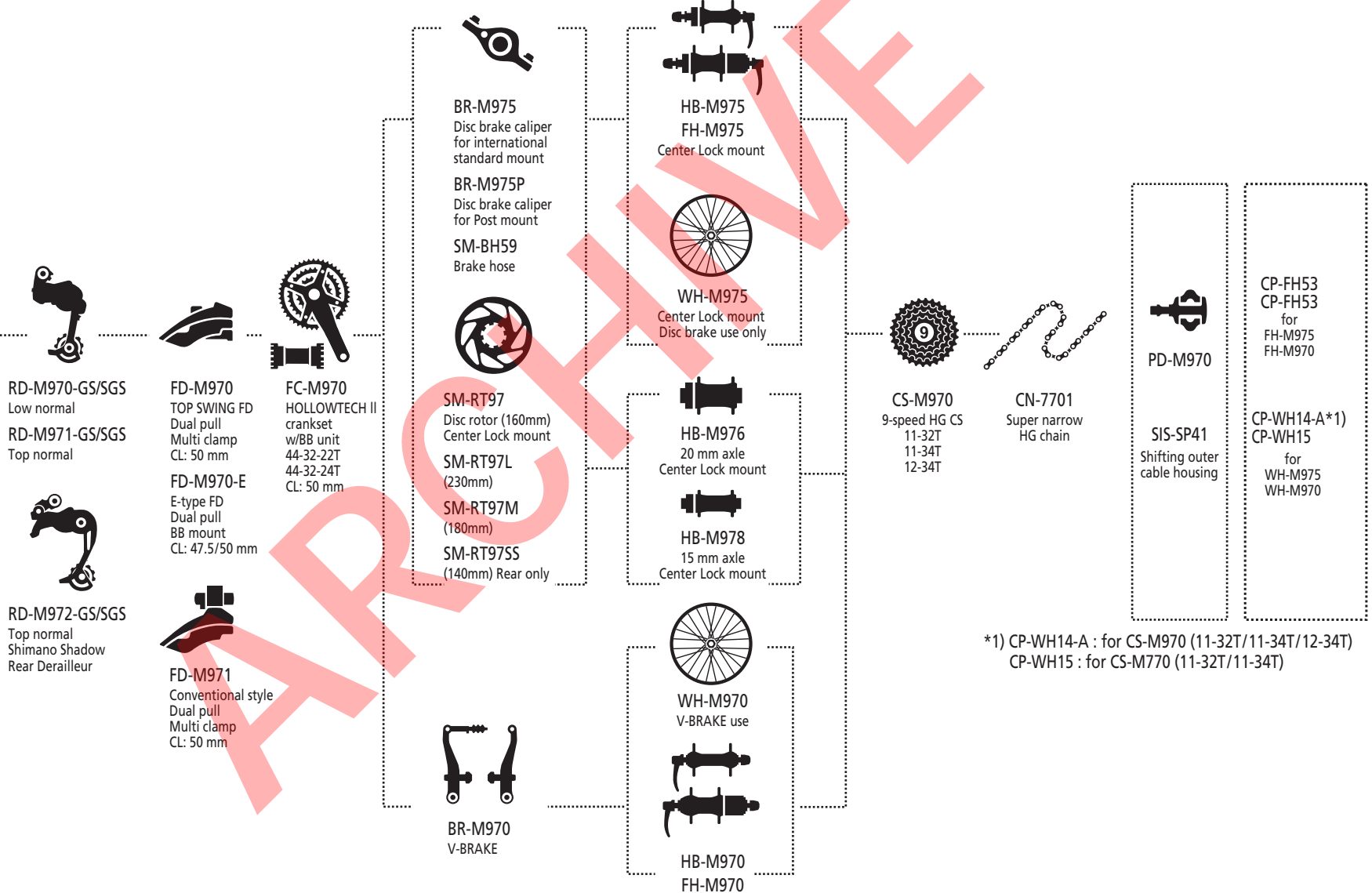
  
BL-M975A  
Hydraulic disc  
brake lever

**V-BRAKE spec**

  
BL-M970  
V-BRAKE Lever

  
SL-M970A  
RAPIDFIRE Plus shifter

  
ST-M970  
Dual Control Lever  
for V-BRAKE



\*1) CP-WH14-A : for CS-M970 (11-32T/11-34T/12-34T)  
CP-WH15 : for CS-M770 (11-32T/11-34T)

## 9/18-SPEED

**SL-M810**  
RAPIDFIRE Plus shifter

**BL-M810**  
Hydraulic disc brake lever

**RD-M810-SS/GS**  
Top normal  
Shimano Shadow  
Rear Derailleur

### For 83 mm BB Shell width



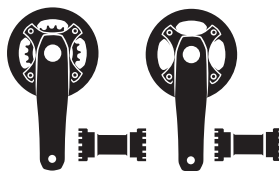
**FD-M815**  
TOP SWING FD  
36T  
Dual pull  
Multi clamp



**FD-M665-E**  
TOP SWING FD  
36T  
BB mount  
Dual pull



**FD-M817**  
Conventional style  
36T  
Dual pull  
Multi clamp



**FC-M815-2**  
HOLLOWTECH II  
crankset w/BB unit  
36-22T  
Bash guard

**FC-M815-1**  
HOLLOWTECH II  
crankset w/BB unit  
34/36/38/40/42T  
Bash guard



**FH-M815**  
12 mm axle type  
Center Lock mount  
OLD=150 mm



**HB-M810**  
20 mm axle type  
Center Lock mount



**FH-M810**  
12 mm axle type  
Center Lock mount  
OLD=135 mm

10 mm axle type  
Center Lock mount  
OLD=135 mm



**BR-M810**  
Disc brake caliper

**SM-RT79L**  
Disc rotor (203mm)  
Center Lock mount

**SM-RT79M**  
Disc rotor (180mm)  
Center Lock mount

**SM-RT79**  
Disc rotor (160mm)  
Center Lock mount

**SM-BH80-SB**  
Brake hose



**CS-M770**  
9-speed  
HG CS  
11-32T  
11-34T

**CS-HG80**  
9-speed  
HG CS  
11-28T  
11-32T  
11-34T

**CS-6500**  
9-speed  
HG CS  
11-23T  
12-25T



**CN-HG93**  
Super narrow  
HG chain



**PD-M647**  
**PD-MX30**

**CP-FH32H2**  
**CP-FH36H2**  
(for CS-M770)

**CP-FH35**  
**CP-FH50**  
(for CS-HG80  
11-28T)

**CP-FH05**  
**CP-FH06**  
(for CS-6500  
11-23T 12-25T)

**SIS-SP41**  
Shifting outer  
cable housing

### For 68/73 mm BB shell width



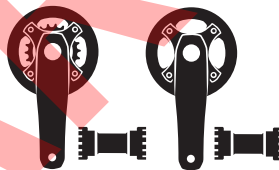
**FD-M665**  
TOP SWING FD  
36T  
Dual pull  
Multi clamp



**FD-M665-E**  
TOP SWING FD  
36T  
BB mount  
Dual pull



**FD-M667**  
Conventional style  
36T  
Dual pull  
Multi clamp



**FC-M810-2**  
HOLLOWTECH II  
crankset w/BB unit  
36-22T  
Bash guard

**FC-M810-1**  
HOLLOWTECH II  
crankset w/BB unit  
34/36/38/40/42T  
Bash guard

**NEW** **SM-RT76**  
Disc rotor (160 mm)  
6-bolt rotor mount

**NEW** **SM-RT76M**  
Disc rotor (180 mm)  
6-bolt rotor mount

**NEW** **SM-RT76L**  
Disc rotor (203 mm)  
6-bolt rotor mount

**SM-AX80**  
OLD=135 10mm axle  
12mm axle  
OLD=150 12mm axle  
Axle with nut




**SM-RTAD10**  
Disc rotor  
adapter  
(6-bolt type)



For all mountain

27-SPEED



Disc brake spec

 SL-M770 RAPIDFIRE Plus shifter   BL-M775A Hydraulic disc brake lever Servo wave	 RD-M772-SGS RD-M772-GS Top normal Shimano Shadow Rear Derailleur
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For conventional MTB





27-SPEED

Disc brake spec

 ST-M775 Dual Control Lever for hydraulic disc brake  SL-M770 RAPIDFIRE Plus shifter  BL-M775A Hydraulic disc brake lever	 RD-M770-SGS RD-M770-GS Low normal RD-M771-SGS RD-M771-GS Top normal
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V-BRAKE spec

 ST-M770 Dual Control Lever for V-BRAKE  SL-M770 RAPIDFIRE Plus shifter  BL-M770 V-BRAKE lever	 RD-M772-SGS RD-M772-GS Top normal Shimano Shadow Rear Derailleur
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Chainstay angle (degree)
66-69
 FD-M770 TOP SWING FD 44/48T Dual pull Multi clamp CL: 50 mm
 FD-M770-E TOP SWING FD 44T BB-mount Dual pull CL: 50 mm
 FD-M771 Conventional style 44T Dual pull Multi clamp CL: 50 mm
 FD-M771D Conventional style Direct mount type 44T



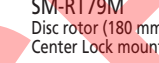
FC-M770  
HOLLOWTECH II  
crankset w/BB unit  
44-32-22T  
CL: 50 mm



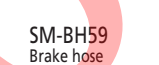
BR-M775  
Brake caliper  
for post mount



BR-M776  
(Banjo Connector)



SM-RT79  
Disc rotor (160 mm)  
Center Lock mount



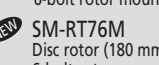
SM-RT79M  
Disc rotor (180 mm)  
Center Lock mount



SM-RT79L  
Disc rotor (203 mm)  
Center Lock mount



SM-BH59  
Brake hose



BR-M770  
V-BRAKE



HB-M776  
20 mm axle  
Disc brake  
Center lock  
mount



HB-M778  
15 mm axle  
Disc brake  
Center lock  
mount



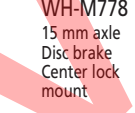
HB-M775  
FH-M775  
For disc brake  
Center lock  
mount



HB-M770  
FH-M770  
For conventional  
MTB / V-BRAKE



WH-M776  
20 mm axle  
Disc brake  
Center lock  
mount



WH-M778  
15 mm axle  
Disc brake  
Center lock  
mount



WH-M775  
For disc brake  
Center lock  
mount



WH-MT75  
for 29er  
For disc brake  
Center lock  
mount



WH-M770  
For conventional  
MTB / V-BRAKE



CS-M770  
9-speed HG CS  
11-32T  
11-34T



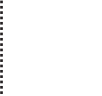
CN-HG93  
Super narrow  
HG chain



SIS-SP41  
Shifting outer  
cable housing



SM-SP17  
(SM-SP18)



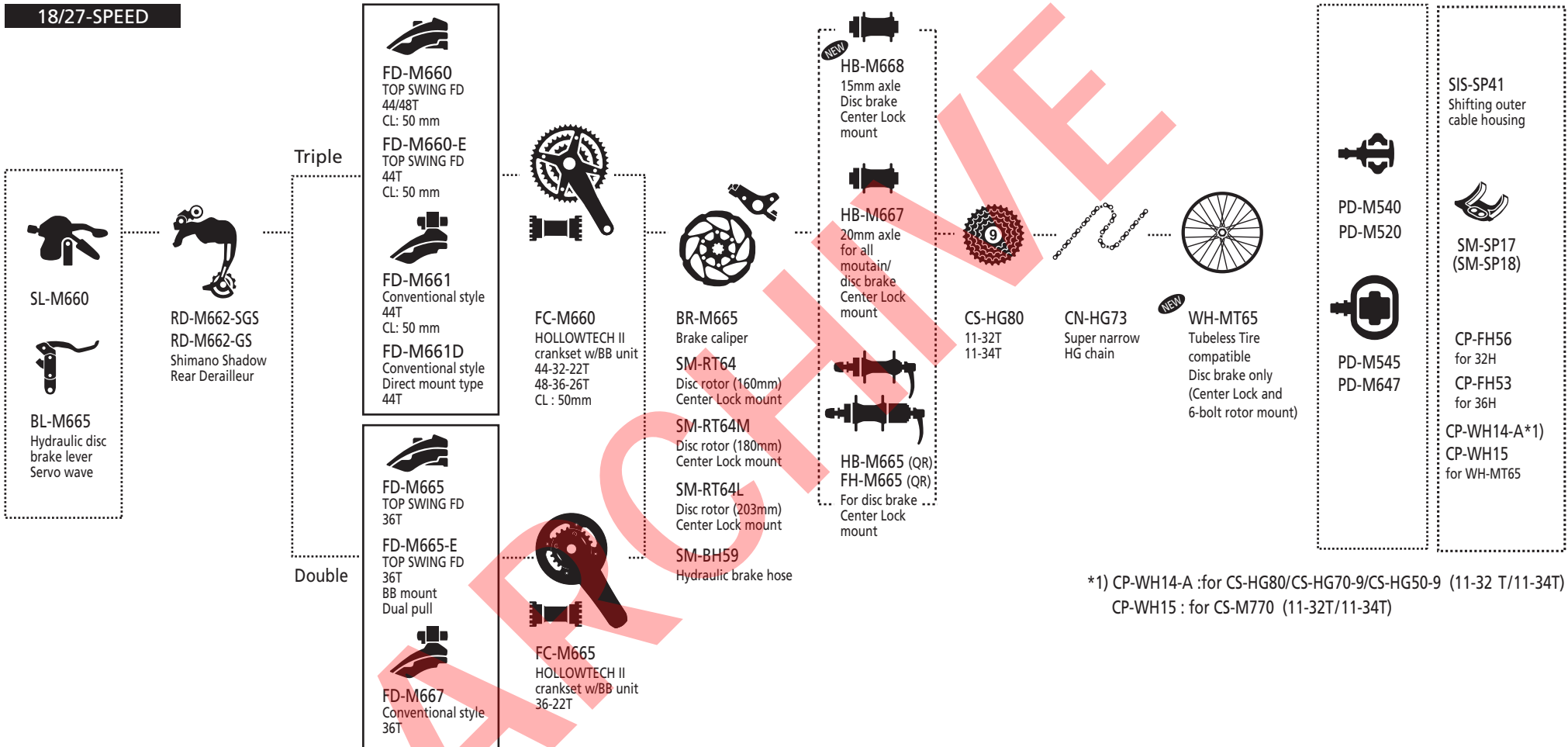
CP-FH56  
for 32H  
CP-FH53  
for 36H



CP-WH14  
CP-WH15  
for  
WH-M770  
WH-M775  
WH-M776

<p><b>NEW</b> SM-RT76 Disc rotor (160 mm) 6-bolt rotor mount</p>	<p>HB-M756 FH-M756 6-bolt Rotor mount</p>	<p>SM-RTAD10 Disc rotor adapter</p>
<p><b>NEW</b> SM-RT76M Disc rotor (180 mm) 6-bolt rotor mount</p>	<p>HB-M758 15mm axle for 6-bolt</p>	
<p><b>NEW</b> SM-RT76L Disc rotor (203 mm) 6-bolt rotor mount</p>		

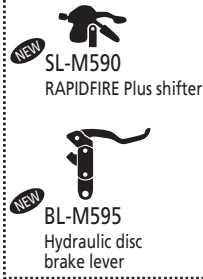
18/27-SPEED



\*1) CP-WH14-A :for CS-HG80/CS-HG70-9/CS-HG50-9 (11-32 T/11-34T)  
 CP-WH15 : for CS-M770 (11-32T/11-34T)

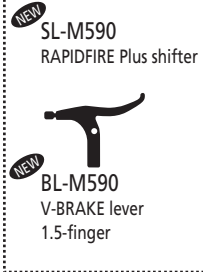
### 27-SPEED

#### Disc brake spec

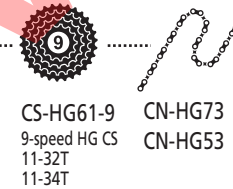
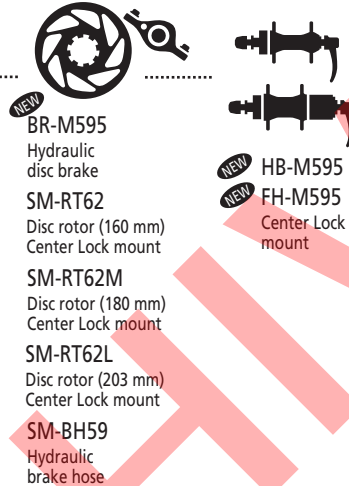


Chainstay angle (degree)
66-69
<b>NEW</b> FD-M590-6 TOP SWING FD for 44/48T Dual pull Multi clamp CL: 50 mm
<b>NEW</b> FD-M591-6 Conventional style for 44/48T Dual pull Multi clamp CL: 50 mm

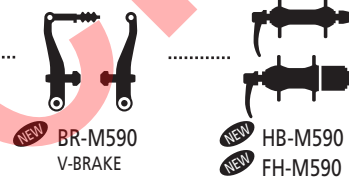
#### V-BRAKE spec



#### Disc brake / Hydraulic type



#### V-BRAKE



SIS-SP41  
Shifting outer  
cable housing



CP-FH75  
CP-FH76  
for  
Disc brake hub



CP-WH10\*1)  
CP-WH11



WH-M505  
MTB use  
Rim and Disc Brake  
(Center Lock)

CP-WH12\*1)  
CP-WH13  
for WH-MT15 /  
WH-M505

\*1) CP-WH12 : CS-HG61-9/CS-HG50-9 (11-32T/11-34T)  
CP-WH13 : CS-M770 (11-32T/11-34T)

BL-M575  
Hydraulic disc  
brake lever

BL-M486  
Hydraulic disc  
brake lever

FD-M510  
Top swing FD  
for 44/48T  
CL: 47.5 / 50 mm  
Dual pull  
Multi clamp

FD-M511  
Conventional style  
for 44/48T  
CL: 47.5 / 50 mm  
Dual pull  
Multi clamp

FC-M542-L/S  
Shimano logo  
2-piece Crank Arm  
44-32-22T  
CL: 50 mm

FC-M521-L/S  
Shimano logo  
OCTALINK  
44-32-22T  
48-36-26T  
chaincase compatible  
CL: 50 mm

FC-M442 /FC-M442-8  
OCTALINK version  
available  
44-32-22T  
CL: 47.5 / 50 mm

BB-ES25  
OCTALINK BB

BB-UN26  
Square BB

BR-M486  
Hydraulic  
disc brake

SM-RT75S  
6-bolt disc rotor  
(160 mm)

SM-RT75MA  
6-bolt disc rotor  
(180 mm)

SM-RT75DH  
6-bolt disc rotor  
(203 mm)

BR-M575  
Hydraulic  
disc brake

SM-RT53  
Disc rotor (160 mm)  
Center Lock mount  
for resin pad only

SM-RT53M  
Disc rotor (180 mm)  
Center Lock mount  
for resin pad only

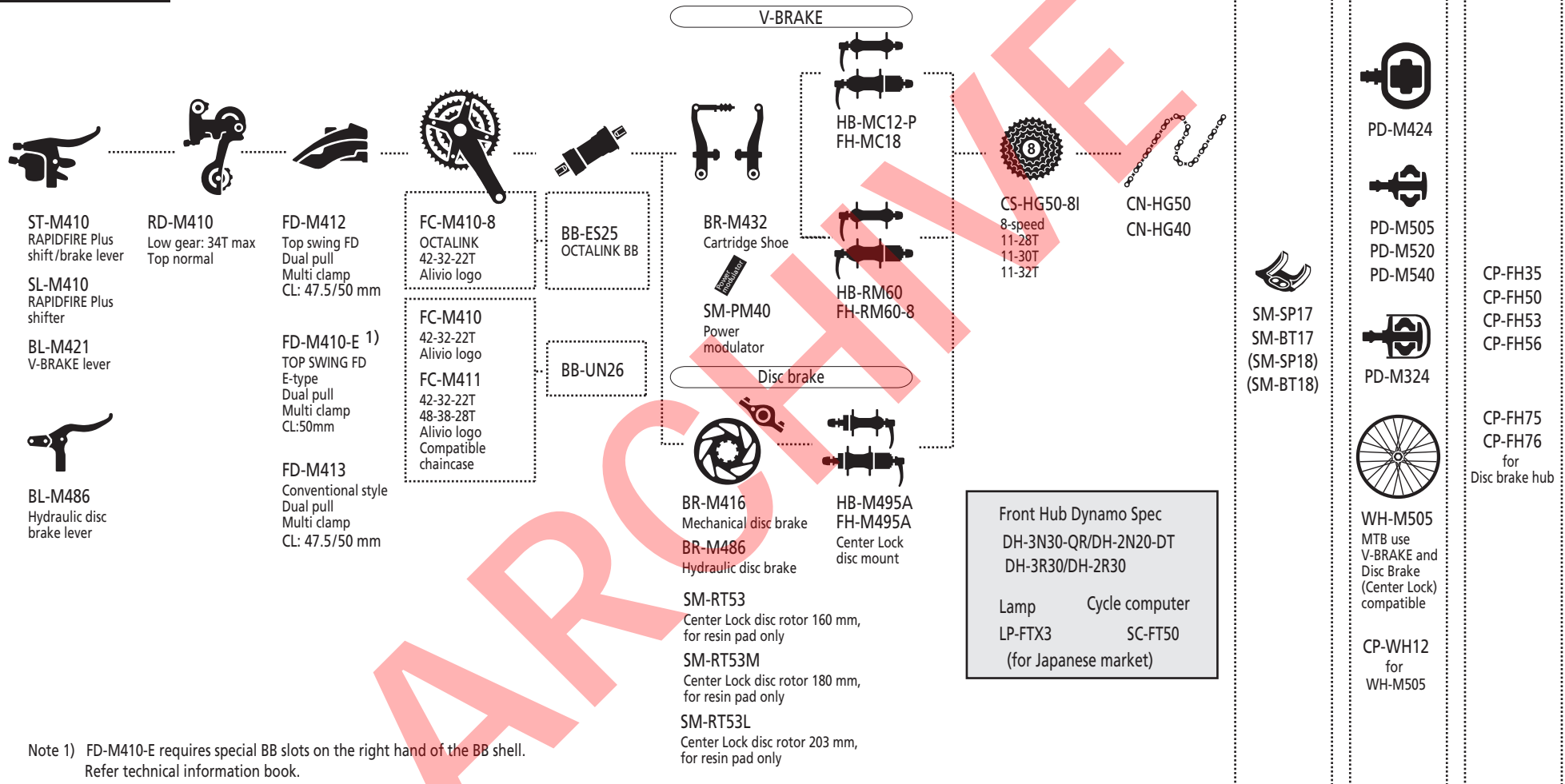
SM-RT53L  
Disc rotor (203 mm)  
Center Lock mount  
for resin pad only

HB-M525  
Shimano logo  
6-bolts  
disc rotor  
mount

FH-M525  
Shimano logo  
6-bolts  
disc rotor mount

CS-HG50-9  
11-32T  
11-34T

### 24-SPEED



**ST-M405**  
8-speed/EZ FIRE Plus lever

**BR-M422**  
V-BRAKE

**BR-M495**  
Mechanical disc brake

**SM-RT51**  
6-bolt rotor (160mm)  
for resin pad only

**SM-RT51M**  
6-bolt rotor (180mm)  
for resin pad only

**HB-M475**  
**FH-M475**  
6-bolt  
Disc rotor  
mount

**HB-RM40**  
**FH-RM30-8**

**CS-HG40-8I**  
**CS-HG30-8I**  
8-speed

24-SPEED



ST-M360  
RAPIDFIRE Plus  
shift / brake  
lever

SL-M360  
RAPIDFIRE Plus  
shifter

BL-M421  
V-BRAKE lever

ST-EF60-8R  
8-speed/  
EZ FIRE Plus

ST-EF60-L

ST-EF50-8R  
8-speed/  
EZ FIRE Plus

ST-EF50-L



RD-M360  
Low gear : 34T max  
Top normal  
13/13T pulley

RD-M310  
Smart cage



FD-M360  
TOP SWING FD  
Dual pull /  
Multi clamp  
CL: 47.5/50 mm

FD-M310  
TOP SWING FD  
Dual pull /  
Multi clamp  
CL: 47.5/50 mm



FD-M311  
Conventional  
type FD  
Dual pull /  
Multi clamp  
CL: 47.5/50 mm



FC-M361  
FC-M311  
square,  
42-32-22T  
Shimano logo  
CL: 50 mm

FC-M361-8  
FC-M311-8  
OCTALINK,  
42-32-22T  
Shimano logo  
CL: 50 mm

FC-M361  
FC-M311  
square,  
48-38-28T  
Shimano logo  
CL: 50 mm

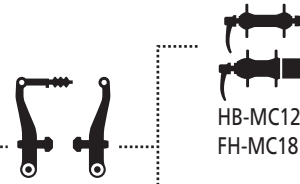


BB-UN26

BB-ES25  
OCTALINK BB

BB-UN26

V-BRAKE



BR-M422

SM-PM40  
Power  
modulator



HB-MC12-P  
FH-MC18  
  
HB-RM60  
FH-RM60-8

Disc brake / Mechanical type



BR-M416  
Mechanical disc brake  
SM-RT53  
Center Lock disc rotor 160 mm,  
for resin pad only  
SM-RT53M  
Center Lock disc rotor 180 mm,  
for resin pad only  
SM-RT53L  
Center Lock disc rotor 203 mm,  
for resin pad only



HB-RM65  
FH-RM65  
Center Lock  
rotor mount



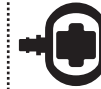
CS-HG40-8I  
8-speed HG CS  
11-30T  
11-32T  
11-34T



CN-HG50  
CN-HG40



SM-SP17  
SM-BT17  
(SM-SP18)  
(SM-BT18)



PD-M424



PD-M540  
PD-M520  
PD-M505



PD-M324

CP-FH35  
CP-FH50  
CP-FH53  
CP-FH56  
CP-FH75  
CP-FH76  
for  
Disc brake hub

Front Hub Dynamo Spec  
DH-3N30-QR / DH-2N20-DT  
DH-3R30 / DH-2R30  
Lamp      Cycle computer  
LP-FTX3      SC-FT50  
(for Japanese market)

SL-RS43-8R  
SL-RS41-8R

FD-T301  
for 48-38-28T  
CL: 47.5 mm  
CS angle 66-69

**NEW** FD-M190  
for 42-34-24T  
CL: 47.5/50 mm  
CS angle 63-66

**NEW** FD-M190A  
for 42-34-24T  
CL: 47.5/50mm  
CS angle 66-69

**NEW** FD-M191  
for 48-38-28T  
CL: 47.5/50mm

FC-M191  
Square  
42-34-24T  
48-38-28T  
CL: 47.5 mm

BB-UN26

FC-M151  
Square  
42-34-24T  
48-38-28T  
CL: 47.5 mm

BB-UN26

SM-RT51  
6-bolt rotor  
(160 mm)  
for resin pad only

SM-RT51M  
6-bolt rotor  
(180 mm)  
for resin pad only

HB-M475  
FH-M475  
6-bolt rotor  
mount type

HB-RM40  
FH-RM30-8

CS-HG30-8I  
8-speed  
11-30T  
11-32T  
11-34T

7-speed

ST-EF60-7R  
ST-EF50-7R  
SL-RS43-7R  
SL-RS41-7R  
BL-M421

FD-C050  
CL: 47.5/50 mm  
**NEW** FD-TX50  
for 42-34-24T  
CL: 47.5/50mm

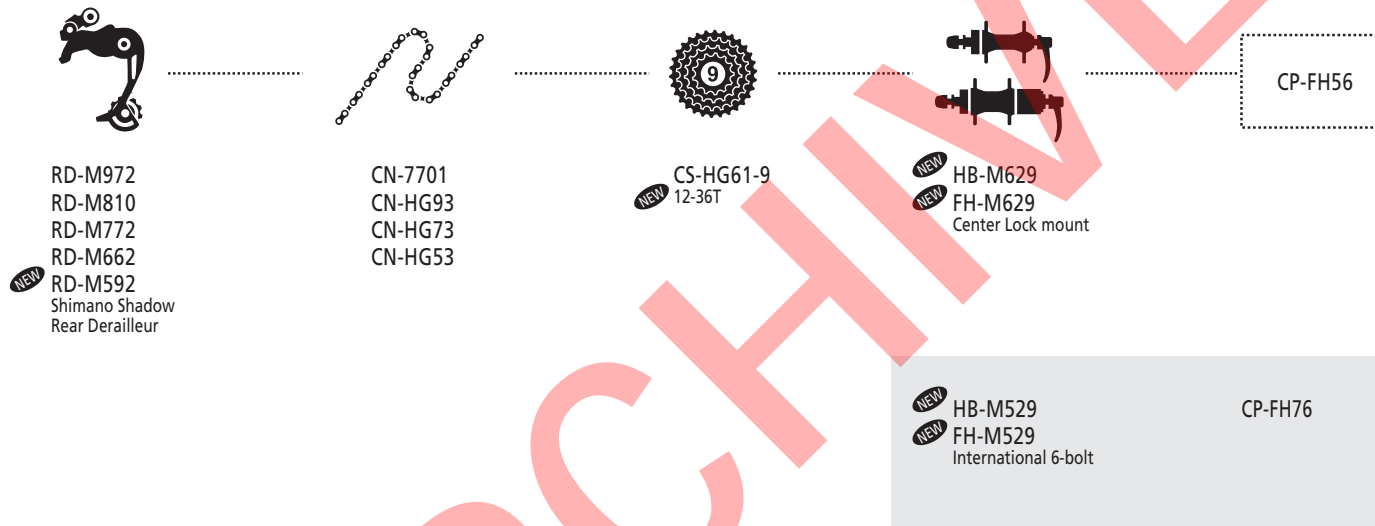
**NEW** FD-TX51  
for 48-38-28T  
CL: 47.5/50mm

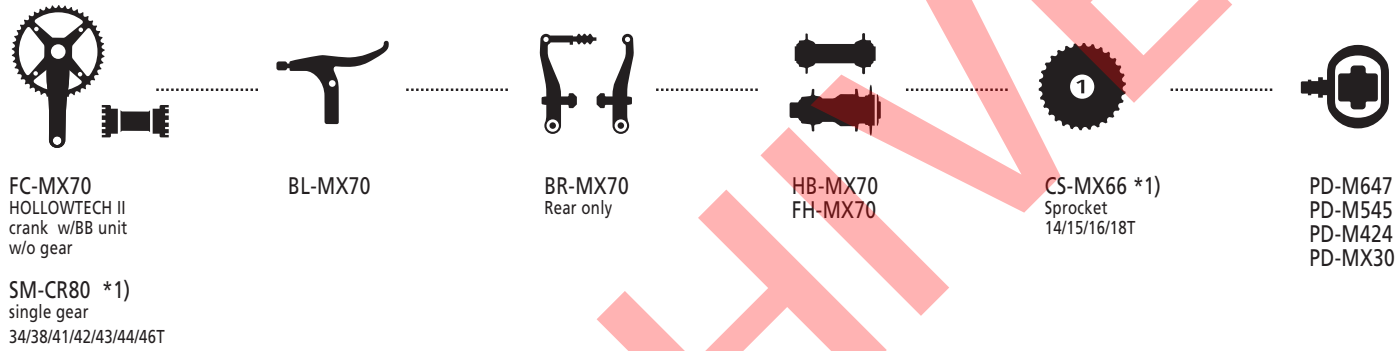
FH-RM30-7

CS-HG30-7I

CN-UG51

# 29er drivetrain





\*1) CHAIN SIZE: 1/2 x 3/32

**27-SPEED**

**Disc brake spec**

SL-M770  
RAPIDFIRE Plus shifter

BL-M775A  
Hydraulic disc brake lever  
Servo wave  
1.5-finger

**V-BRAKE spec**

SL-M770  
RAPIDFIRE Plus shifter

BL-M770  
V-BRAKE lever

BL-M771  
V-BRAKE lever  
3-finger

Chainstay angle (degree)  
63-66

**NEW** FD-M772A  
TOP SWING FD  
44/48T  
Dual pull  
Multi clamp  
CL: 50 mm

FD-M773  
Conventional style  
44/48T  
Dual pull  
Multi clamp  
CL: 50 mm

FC-M771-K  
HOLLOWTECH II  
crankset w/BB unit  
48-36-26T  
(Chaincase compatible)  
CL: 50 mm

RD-M771-GS  
RD-M771-GS  
Top normal

Disc brake / Hydraulic type

BR-M775  
Hydraulic disc brake

BR-M776  
Hydraulic disc brake  
(banjo connector)

SM-RT79  
Disc rotor (160mm)  
Center Lock mount

SM-RT79M  
Disc rotor (180mm)  
Center Lock mount

SM-RT79L  
Disc rotor (203mm)  
Center Lock mount

SM-BH59  
Center Lock mount

HB-M775  
For disc brake  
Center Lock mount

FH-M775  
For disc brake  
Center Lock mount

DH-3D72  
Hub Dynamo  
6V-3.0W  
For disc brake  
Center Lock mount

**NEW** HB-T708  
8mm thru axle  
For disc brake  
Center Lock mount

**NEW** DH-T708  
8mm thru axle  
Hub Dynamo  
6V-3.0W  
For disc brake  
Center Lock mount

**NEW** SM-AX60  
8mm thru axle  
with nut

CS-M770  
9-speed HG CS  
11-32T  
11-34T

CN-HG93  
Super narrow  
HG chain

Brake hose

V-BRAKE

BR-M770  
V-BRAKE

HB-M770  
FH-M770

SM-PM70  
Power modulator

DH-3N80  
Hub Dynamo  
6V-3.0W

FD-M770  
TOP SWING FD  
44/48T  
Chain stay angle  
(66-69°)  
Dual pull  
Multi clamp  
CL: 50 mm

FD-M751  
Conventional style  
44/48T  
CL: 47.5/50 mm

FD-M750  
TOP SWING FD  
44/48T  
CL: 47.5/50 mm

WH-T565  
Center Lock  
mount

SIS-SP41  
Shifting outer  
cable housing

PD-M540  
PD-M770

SM-SP17  
(SM-SP18)

PD-M545  
PD-M424

CP-FH56  
for 32H  
CP-FH53  
for 36H

PD-M324

CP-WH10 \*1)  
CP-WH11  
for complete  
wheel

PD-A530  
PD-A520  
SPD pedal

\*1) CP-WH10 : for CS-M970 (11-32T/11-34T)  
CP-WH11 : for CS-M770 (11-32T/11-34T)






**27-SPEED**





**Disc brake spec**


- NEW** BL-T665  
Hydraulic disc brake lever  
Servo wave  
3-finger
- SL-T660  
RAPIDFIRE Plus shifter

**V-BRAKE spec**



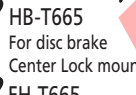


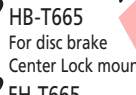


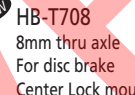
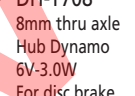
-   
ST-T660  
RAPIDFIRE Plus  
shift/brake  
lever for V-BRAKE  
3-finger
-   
SL-T660  
RAPIDFIRE Plus shifter
-   
BL-T660  
V-BRAKE lever  
3-finger

-   
RD-T661-SGS  
Top normal






Chainstay angle (degree)	
66-69	63-66
 FD-T660-6 TOP SWING FD for 44/48T Dual pull Multi clamp	<b>NEW</b>  FD-T660A-3 TOP SWING FD for 44/48T Dual pull Multi clamp
 FD-T661-6 Conventional style for 44/48T Dual pull Multi clamp	 FD-T661-3 Conventional style for 44/48T Dual pull Multi clamp



-   
FC-T661  
HOLLOWTECH II  
crankset  
w/ BB unit  
Chaincase compatible  
44-32-22T  
48-36-26T



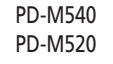

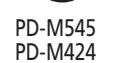

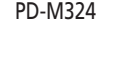

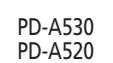
**Disc brake / Hydraulic type**

-   
**NEW** BR-T665  
Hydraulic disc brake
-   
SM-RT64  
Disc rotor (160mm)  
Center Lock mount
-   
SM-RT64M  
Disc rotor (180mm)  
Center Lock mount  
For front only
-   
SM-BH59  
Brake hose
-   
**NEW** HB-T665  
For disc brake  
Center Lock mount
-   
**NEW** FH-T665  
For disc brake  
Center Lock mount
-   
**NEW** DH-T665  
Hub Dynamo  
6V-3.0W  
For disc brake  
Center Lock mount
-   
**NEW** HB-T708  
8mm thru axle  
For disc brake  
Center Lock mount
-   
**NEW** DH-T708  
8mm thru axle  
Hub Dynamo  
6V-3.0W  
For disc brake  
Center Lock mount
-   
**NEW** SM-AX60  
8mm thru axle  
with nut

**V-BRAKE**

-   
BR-T660  
V-BRAKE  
Cartridge shoe
-   
SM-PM70  
Power modulator
-   
HB-T660  
FH-T660
-   
DH-T660-3N  
Hub dynamo  
6V - 3.0W
-   
DH-T660-2N  
Hub dynamo  
6V - 2.4W

-   
CS-HG80  
9-speed HG CS  
11-28T  
11-32T
-   
CN-HG73  
Super narrow  
HG chain

-   
WH-T565  
Trekking use  
Rim and Disc brake  
(Center Lock)
-   
SIS-SP41  
Shifting outer  
cable housing
-   
PD-M540  
PD-M520
-   
SM-SP17  
(SM-SP18)
-   
PD-M545  
PD-M424
-   
CP-FH56  
CP-FH53
-   
PD-M324
-   
CP-WH10\*1  
CP-WH11  
for complete  
wheel
-   
PD-A530  
PD-A520  
SPD-Pedal

\*1) CP-WH10 : for CS-HG50-9/CS-HG61-9/CS-HG80-9 (11-32T)  
CP-WH11 : for CS-M770 (11-32T)

BL-T605  
Hydraulic disc  
brake lever  
4-finger  
Shimano logo

BR-T605  
Hydraulic disc brake  
Shimano logo

SM-RT64  
Disc Rotor (160mm)  
Center Lock mount

## 27-SPEED

### Disc brake spec

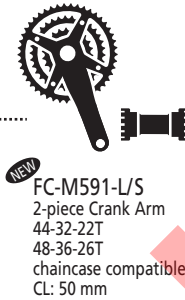
- NEW** BL-M595 Hydraulic disc brake lever 1.5-finger
- NEW** SL-M590 RAPIDFIRE Plus shifter

### V-BRAKE spec

- NEW** ST-M590 RAPIDFIRE Plus Shift/brake lever for V-brake 3-finger
- NEW** SL-M590 RAPIDFIRE Plus shifter
- NEW** BL-M590 V-BRAKE lever 1.5-finger
- NEW** BL-M591 V-BRAKE lever 3-finger



Chainstay angle (degree)	
66-69	63-66
<b>NEW</b> FD-M590-6 TOP SWING FD for 44/48T Dual pull Multi clamp CL: 50 mm	<b>NEW</b> FD-M590-3 TOP SWING FD for 44/48T Dual pull Multi clamp CL: 50 mm
<b>NEW</b> FD-M591-6 Conventional style for 44/48T Dual pull Multi clamp CL: 50 mm	<b>NEW</b> FD-M591-3 Conventional style for 44/48T Dual pull Multi clamp CL: 50 mm

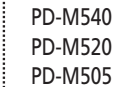
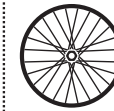
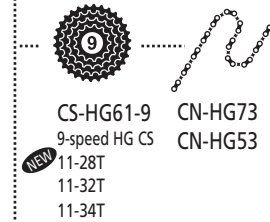


### Disc brake / Hydraulic type

- NEW** BR-M595 Hydraulic disc brake
- NEW** SM-RT62 Disc rotor (160 mm) Center Lock mount
- NEW** SM-RT62M Disc rotor (180 mm) Center Lock mount
- NEW** SM-BH59 Hydraulic brake hose
- NEW** HB-M595 For disc brake Center Lock mount
- NEW** FH-M595 For disc brake Center Lock mount

### V-BRAKE

- NEW** BR-M590 V-BRAKE
- NEW** HB-M590
- NEW** FH-M590
- SM-PM70 Power modulator



\*1) CP-WH12 : CS-HG61-9/CS-HG50-9 (11-32T/11-34T)  
CP-WH13 : CS-M770 (11-32T/11-34T)

FD-M510  
Top swing FD for 44/48T  
CL: 47.5/50 mm  
Dual pull  
Multi clamp

FD-M511  
Conventional style for 44/48T  
CL: 47.5/50 mm  
Dual pull  
Multi clamp

FC-M543-LK/SK  
Shimano logo  
2-piece Crank Arm  
44-32-22T  
48-36-26T  
chaincase compatible  
CL: 50 mm

FC-M521-L/S  
Shimano logo  
OCTALINK  
44-32-22T  
48-36-26T  
chaincase compatible  
CL: 50 mm

FC-M443 / FC-M443-8  
Shimano logo  
OCTALINK version available  
44-32-22T  
48-36-26T  
chaincase compatible  
CL: 47.5/50 mm


DH-3D72  
Hub Dynamo  
6V-3.0W  
For disc brake  
Center Lock mount  
DH-3N72

BB-ES25  
OCTALINK BB

BB-UN26  
Square BB


CS-HG50-9  
11-32T  
11-34T

**Front: Index**

**ST**  \*3)

ST-EF50-7R  
ST-EF50-L  
ST-EF40-7R  
ST-EF40-L  
7-speed  
EZ FIRE Plus lever


**Front: Index**

**SL**  \*1)

\*2)5) SL-RS44-7R  
EW-NX60  
SL-RS44-L  
w/position  
LED LIGHT  
SL-RS43-7R  
SL-RS43-L  
SL-RS41-7R  
SL-RS41-L  
SL-RS41A-7R  
SL-RS41A-L  
SL-RS35-7R  
SL-RS35-L  
REVOSHIFT

**Front: Friction**

\*2)5) SL-RS44-7R  
EW-NX60  
SL-RS44-LN  
SL-RS35-7R  
SL-RS35-LN


**Front: Index**  \*3)

**SL** SL-TX50-7R  
SL-TX50-L  
Thumb shifter Plus

**Front: Friction**

SL-TX50-7R  
SL-TX50-LN  
SL-TX30-7R  
SL-TX30-LN  
Thumb shifter Plus  
SL-TZ20-7R  
SL-TZ20-LN  
Thumb shifter


**Index**



FD-C051  
TOP SWING FD  
Dual pull  
Multi clamp  
For 48-38-28T

**NEW** FD-TX51  
For 48-38-28T  
CL: 47.5/50mm

**Friction**




FD-C051  
TOP SWING FD  
dual pull  
multi clamp band  
For 48-38-28T

**NEW** FD-TX51  
For 48-38-28T  
CL: 47.5/50mm

FD-TZ31  
FD-TZ21  
For 48-38-28T

**Index**




FD-C050  
TOP SWING FD  
Dual pull  
Multi clamp  
For 42-34-24T

**NEW** FD-TX50  
For 42-34-24T  
CL: 47.5/50mm

FD-TY10  
For 42-34-24T


**Friction**




FD-C050  
TOP SWING FD  
Dual pull  
Multi clamp  
For 42-34-24T

**NEW** FD-TX50  
For 42-34-24T  
CL: 47.5/50mm


FD-TZ30  
FD-TZ20  
For 42-34-24T




FC-M151  
Square  
48-38-28T  
CL: 47.5 mm



FC-M151  
Square  
42-34-24T  
CL: 47.5 mm



BB-UN26




MF-HG37  
7-speed/13-28T

MF-TZ21  
7-speed/14-28T


MF-TZ21-CP  
7-speed/14-28T  
W/Chain protector

MF-TZ31  
7-speed/14-34T  
MegaRange


MF-TZ31-CP  
7-speed/14-34T  
MegaRange  
W/Chain protector



CN-UG51




SM-SP18  
SM-BT18



CP-R750  
for 34T low gear

CP-HG22  
for 28T low gear


**OPTION**




**Front: Index**  
ID-TX50-7R (SIS)  
ID-TX50-L (SIS)

**Front: Friction**  
ID-TX50-7R (SIS)  
ID-TX50-LN


**Front Ratchet**




SM-TX30  
Bracket




SM-TX50  
Bracket




SC-TX30  
Cycle computer



SC-TX31  
Gear change  
Timing Indicator



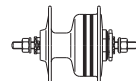
SM-TX31  
Cowling



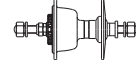
SM-TX32  
Analoge Compass

**OPTION**

**Front wheel**




DH-2N30-JW  
\*2) DH-2N20-DT  
Hub Dynamo  
6V-2.4W




HB-IM40  
w/Power  
modulator

**Rear wheel**




RH-IM10  
Roller brake  
compatible  
rear hub for  
multi freewheel


**OPTION**




BR-M422-L/S  
Black or Silver




SM-PM40  
SM-PM60  
Power  
modulator



BR-IM35-FF  
Roller brake



BR-IM35-RF  
Roller brake



SM-CLIP\*\*\*  
Arm clip unit  
for chainstay

\*2)5) SM-RS44-L  
Position  
LED Light

LP-FTX3

\*2)5) LP-RTX3  
LP-C050A-ATJ

\*1) w/ CI-Deck available as an option  
\*2) for Japanese market  
\*3) not compatible with CI-Deck  
\*5) Must be used with 2.4W Hub Dynamo

14

Front: Index



ST-EF40-6R  
ST-EF40-L  
6-speed  
EZ FIRE Plus lever



\*1)  
\*2)5) SL-RS44-6R  
EW-NX60  
SL-RS44-L  
w/position  
LED LIGHT  
SL-RS43-6R  
SL-RS43-L  
SL-RS41-6R  
SL-RS41-L  
SL-RS35-6R  
SL-RS35-L  
REVOSHIFT



ST-EF40-6R  
ST-EF40-L  
EZ FIRE Plus lever



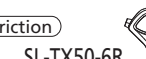
\*3)  
SL-TX50-6R  
SL-TX50-L

Front: Friction



\*1)  
\*2)5) SL-RS44-6R  
EW-NX60  
SL-RS44-LN  
w/position  
LED LIGHT  
SL-RS35-6R  
SL-RS35-LN

Front: Friction



\*3)  
SL-TX50-6R  
SL-TX50-LN  
SL-TX30-6R  
SL-TX30-LN  
Thumb shifter Plus  
SL-TZ20-6R  
SL-TZ20-LN  
Thumb shifter

Index

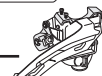


FD-C051  
TOP SWING FD  
Dual pull  
Multi clamp band  
For 48-38-28T



FD-TX51  
For 48-38-28T  
CL: 47.5/50mm

Friction



FD-C051  
TOP SWING FD  
dual pull  
multi clamp band  
For 48-38-28T



FD-TX51  
For 48-38-28T  
CL: 47.5/50mm



FD-TZ31  
FD-TZ21  
For 48-38-28T

Index



FD-C050  
TOP SWING FD  
Dual pull  
Multi clamp band  
For 42-34-24T



FD-TX50  
For 42-34-24T  
CL: 47.5/50mm

Friction



FD-TY10  
For 42-34-24T

Friction

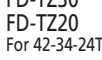


FD-C050  
TOP SWING FD  
Dual pull  
Multi clamp band  
For 42-34-24T



FD-TX50  
For 42-34-24T  
CL: 47.5/50mm

Friction



FD-TZ30  
FD-TZ20  
For 42-34-24T



FC-M151  
Square  
48-38-28T  
CL: 47.5 mm



FC-M151  
Square  
42-34-24T  
CL: 47.5 mm



BB-UN26



MF-TZ20  
6-speed/14-28T  
MF-TZ20-CP  
6-speed/14-28T  
W/Chain protector  
MF-TZ30  
6-speed/14-34T  
MegaRange  
MF-TZ30-CP  
6-speed/14-34T  
MegaRange  
W/Chain protector



CN-UG51



SM-SP18  
SM-BT18



CP-R750  
for 34T low gear  
CP-HG22  
for 28T low gear

OPTION



Front: Index  
ID-TX50-6R (SIS)  
ID-TX50-L (SIS)  
Front: Friction  
ID-TX50-6R (SIS)  
ID-TX50-LN

Front Ratchet



SM-TX30  
Bracket



SM-TX50  
Bracket



SC-TX30  
Cycle computer



SC-TX31  
Gear change  
Timing Indicator



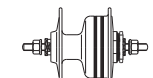
SM-TX31  
Cowling



SM-TX32  
Analogue Compass

OPTION

Front wheel



DH-2N30-JW  
\*2) DH-2N20-DT  
Hub Dynamo  
6V-2.4W



HB-IM40  
w/Power  
modulator

Rear wheel



RH-IM10  
Roller brake  
compatible  
rear hub for  
multi freewheel

OPTION



BR-M422-L/S  
Black or Silver



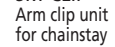
SM-PM40  
SM-PM60  
Power  
modulator



BR-IM35-FF  
Roller brake



BR-IM35-RF  
Roller brake



SM-CLIP\*\*\*  
Arm clip unit  
for chainstay

\*2)5) SM-RS44-L  
Position  
LED Light




LP-FTX3




\*2)5) LP-RTX3  
LP-C050A-ATJ


\*1) w/ CI-Deck available as an option  
\*2) for Japanese market  
\*3) not compatible with CI-Deck  
\*4) for 14-28T/ 6-speed MF  
\*5) Must be used with 2.4W Hub Dynamo




RD-TX71  
RD-TX51  
For 7/6-speed  
MegaRange  
Smart cage  
w/ wheel-type  
cable guide pulley




RD-TX31  
For 7/6-speed  
MegaRange




RD-FT30  
for Single front  
chainwheel only  
w/ wheel-type  
cable guide pulley  
Max rear Sprocket: 28T  
Total capacity: 17T

\*2)5)  \*1)  
SL-RS44-7R  
EW-NX60  
SM-RS44-L  
w/position  
LED LIGHT

SL-RS43-7R  
SL-RS41-7R  
SL-RS41A-7R  
SL-RS35-7R  
REVOSHIFT

 \*3)  
SL-TX50-7R  
SL-TX30-7R  
Thumb shifter plus

SL-TZ20-7R  
Thumb shifter



MF-HG37  
7-speed/13-28T

MF-TZ21  
7-speed/14-28T

MF-TZ21-CP  
7-speed/14-28T  
W/Chain protector


MF-TZ31  
7-speed/14-34T  
MegaRange

MF-TZ31-CP  
7-speed/14-34T  
MegaRange  
W/Chain protector


CS-HG30-I  
7-speed/11-28T




OPTION




ID-TX50-7R (SIS)  
ID-TX50-LC




SM-TX30  
Bracket




SM-TX50  
Bracket




SC-TX30  
Cycle computer



SC-TX31  
Gear change  
Timing Indicator



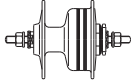
SM-TX31  
Cowling



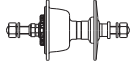
SM-TX32  
Analogue Compass

OPTION

Front wheel




DH-2N30-JW  
\*2) DH-2N20-DT  
Hub Dynamo  
6V-2.4W




HB-IM40  
w/Power  
modulator

Rear wheel




RH-IM10  
Roller brake  
compatible  
rear hub for  
multi freewheel  
FH-RM30-7NT


OPTION




BR-M422-L/S  
Black or Silver



SM-PM40  
SM-PM60  
Power  
modulator



BR-IM35-FF  
Roller brake



BR-IM35-RF  
Roller brake

SM-CLIP\*\*\*  
Arm clip unit  
for chainstay

\*2)5) SM-RS44-L  
Position  
LED Light

LP-FTX3

\*2)5) LP-RTX3  
LP-C050A-ATJ

\*1) w/ CI-Deck available as an option \*2) for Japanese market  
\*3) not compatible with CI-Deck \*5) Must be used with 2.4W Hub Dynamo



RD-TX71  
RD-TX51  
For 7/6-speed  
MegaRange  
Smart cage  
w/ wheel-type  
cable guide pulley



RD-TX31  
For 7/6-speed  
MegaRange



RD-FT30  
for Single front  
chainwheel only  
w/ wheel-type  
cable guide pulley  
Max rear Sprocket: 28T  
Total capacity: 17T

RD-TY18 \*4)  
for 6-speed

RD-TZ50 \*4)  
for 6-speed

\*1)

\*2)5) SL-RS44-6R  
EW-NX60  
SM-RS44-L  
w/position  
LED LIGHT

SL-RS43-6R  
SL-RS41-6R  
SL-RS35-6R  
REVOSHIFT

\*3)

SL-TX50-6R  
SL-TX30-6R  
Thumb shifter plus

SL-TY22-6R  
SL-TZ20-6R  
Thumb shifter

MF-TZ20  
6-speed/14-28T

MF-TZ20-CP  
6-speed/14-28T  
W/Chain protector

MF-TZ30  
6-speed/14-34T  
MegaRange

MF-TZ30-CP  
6-speed/14-34T  
MegaRange  
W/Chain protector



CN-UG51



SM-SP18  
SM-BT18



CP-R750  
for 34T low gear  
CP-HG22  
for 28T low gear



CN-UG51



SM-SP18  
SM-BT18



CP-HG22  
for 28T low gear

OPTION



ID-TX50-6R (SIS)  
ID-TX50-LC



SM-TX30  
Bracket



SM-TX50  
Bracket



SC-TX30  
Cycle computer



SC-TX31  
Gear change  
Timing Indicator



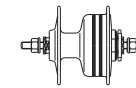
SM-TX31  
Cowling



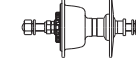
SM-TX32  
Analogue Compass

OPTION

Front wheel

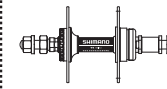


DH-2N30-JW  
\*2) DH-2N20-DT  
Hub Dynamo  
6V-2.4W



HB-IM40  
w/Power  
modulator

Rear wheel



RH-IM10  
Roller brake  
compatible  
rear hub for  
multi freewheel

OPTION



BR-M422-L/S  
Black or Silver



SM-PM40  
SM-PM60  
Power  
modulator



BR-IM35-FF  
Roller brake



BR-IM35-RF  
Roller brake  
SM-CLIP\*\*\*  
Arm clip unit  
for chainstay

\*2)5) SM-RS44-L  
Position  
LED Light

LP-FTX3



\*2)5) LP-RTX3  
LP-C050A-ATJ

\*1) w/ CI-Deck available as an option \*2) for Japanese market

\*3) not compatible with CI-Deck \*4) for 14-28T/ 6speed MF

\*5) Must be used with 2.4W Hub Dynamo



## 20-SPEED

### DURA-ACE 7900



ST-7900 RD-7900 FD-7900 SM-SP17

for 20-speed

SL-7900 BL-TT79  
SL-BS79 Brake lever  
for Aero type bar

**NEW** SC-7900  
Cycle Computer  
**NEW** SM-HR79  
Chest Belt  
**NEW** SM-SC79  
Bracket &  
ST Sensor L / R

### DURA-ACE 7970



ST-7970  
RD-7970  
FD-7970-F  
SM-BTR1  
Battery

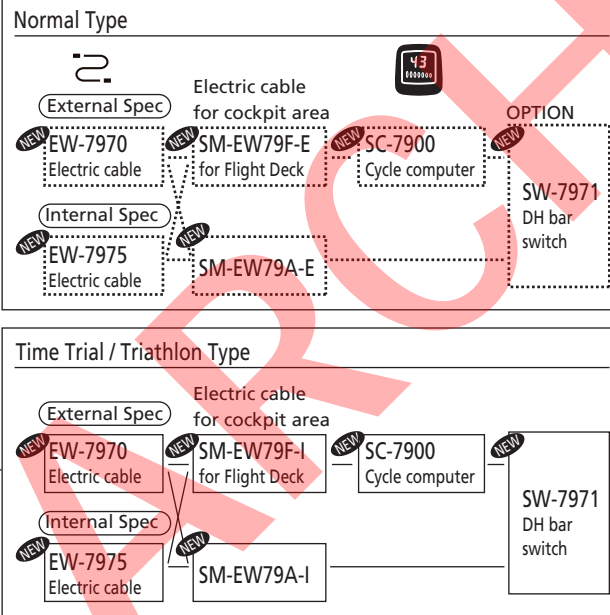
EW-7970

SM-EW79F-E

SC-7900

for 20-speed

**NEW** SM-AD79 Band adaptor  
**NEW** SM-BCR1 Battery charger  
**NEW** SM-BCC1 Code for SM-BCR1  
**NEW** EW-7972 Short battery mount  
**NEW** SM-BA01 Bottle cage adaptor  
**NEW** SM-HR79 Chest Belt  
**NEW** EW-7973 Short battery mount  
**NEW** SM-EWC1 Code cover  
**NEW** SM-SC79 Bracket &  
ST Sensor L / R



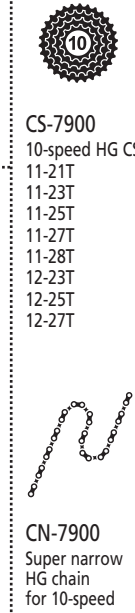
FC-7900  
HOLLOWTECH-II  
crankset  
53-42T 54-42T  
52-39T 55-42T  
53-39T 56-44T

BR-7900

HB-7900  
FH-7900

FC-7950  
HOLLOWTECH-II  
crankset  
50-34T

SM-BB7900  
BB Cups  
assembly unit



PD-7810



WH-7850-C24-TU  
Carbon Tubular  
Wheel set

WH-7850-C50-CL  
50mm deep  
Carbon/Alloy  
Clincher  
Wheel set

WH-7850-C24-CL  
Carbon/Alloy  
Clincher  
Wheel set

WH-7850-C24-TL  
Carbon/Alloy  
Road Tubeless  
Wheel set

WH-7850-SL  
Scandium Alloy  
Road Tubeless  
Wheel set

WH-7850-C50-TU  
50mm deep  
Carbon Tubular  
Wheel set

CP-WH23  
Spoke protector  
for WH-7850/  
WH-RS10



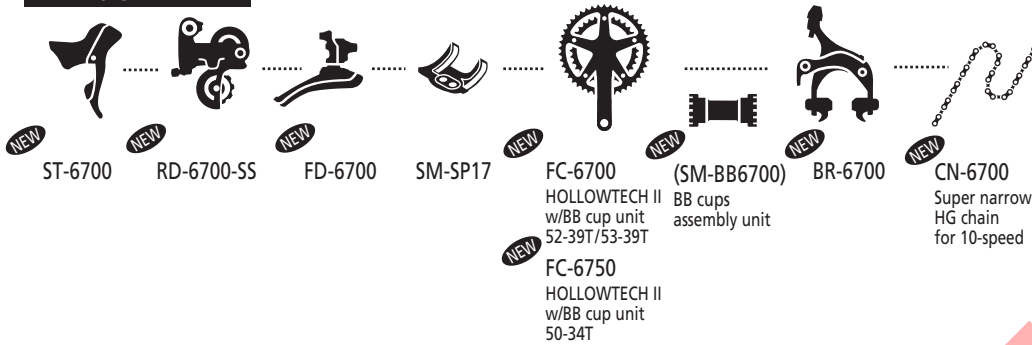
HP-7410

SIS-SP41  
Shifting outer  
cable housing

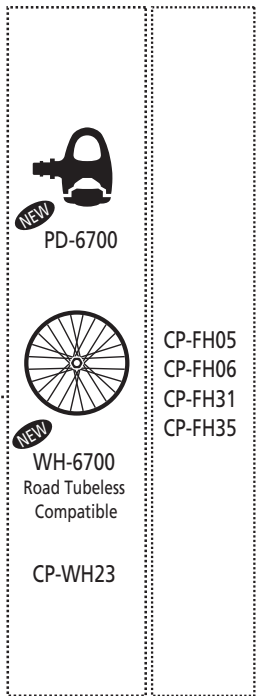
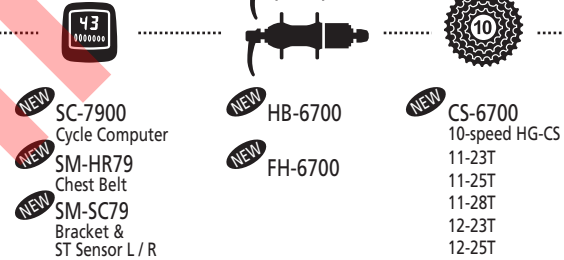
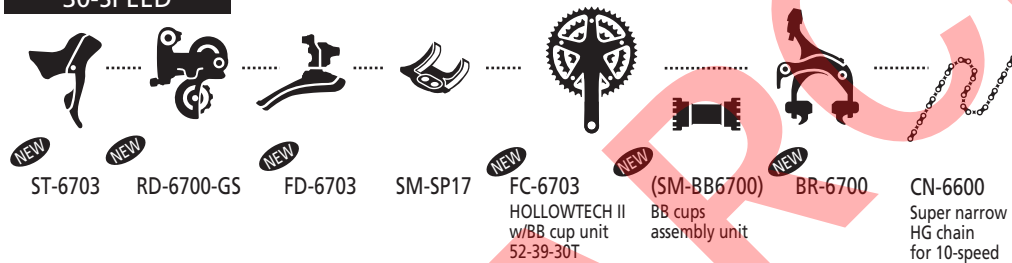
CP-FH05  
CP-FH06  
CP-FH31  
CP-FH35  
CP-FH08

# SHIMANO ULTEGRA

## 20-SPEED



## 30-SPEED



### for 20 / 30-speed

SL-7900  
SL-B579

BL-TT79(Carbon)  
BL-TT78(Aluminum)  
Brake lever for Aero type bar

### for 20-speed flat handlebar bicycle

SL-R770-R  
SL-R770D-L  
BL-R770

### for 30-speed flat handlebar bicycle

SL-R770-R  
SL-R770-L  
BL-R770

FD-6700

FD-R773-2 for 52-39-30T



\* Linkwire should be ordered separately.  
A-LWTYPE (59.5mm)  
A-LWZTYF (64.5mm)



## 20-SPEED



Silver / Black Version

ST-5601-S/L RD-5600-S/L-SS FD-5600-S/L SM-SP17 FC-5600-S/L HOLLOWTECH II w/BB cup unit 52-39T/50-39T/53-39T (SM-FC5600) BB cups assembly unit BR-5600-S/L HB-5600-S/L FH-5600-S/L

FC-5650-S/L HOLLOWTECH II w/BB cup unit 50-34T

## 30-SPEED



Silver / Black Version

ST-5603-S/L RD-5600-S/L-GS FD-5603-S/L For FC-5603 (50-39-30T) SM-SP17 FC-5603-S/L HOLLOWTECH II w/BB cup unit 50-39-30T (SM-FC5600) BB cups assembly unit BR-5600-S/L HB-5600-S/L FH-5600-S/L

SC-6502 Cycle Computer  
SM-SC70 Bracket/sensor kit wireless

CS-5600 10-speed HG CS  
11-23T  
11-25T  
12-25T  
12-27T

CN-5600 Super narrow HG chain for 10-speed

SIS-SP41 Shifting outer cable housing



PD-5610 SPD-SL pedal  
PD-A530 SPD pedal  
PD-A520 SPD pedal



WH-RS30  
WH-RS20  
WH-RS10 Shimano logo Wheel set

CP-WH23 Spoke protector for WH-7850/WH-RS10/20/30

CP-FH05  
CP-FH06  
CP-FH31  
CP-FH35  
CP-FH08

for 20/30-speed

SL-7900 SL-BS79 BL-R600

STI lever with reach adjust for 20-speed ST-R701  
STI lever with reach adjust for 30-speed ST-R703

for 20-speed flat handlebar bicycle

SL-R770 BL-R770 FD-R770

for 30-speed flat handlebar bicycle

SL-R770 BL-R770 FD-R773-0 for 50-39-30T

for 20-speed

FC-R600 2-piece Crank Arm 50-34T

for 20-speed

FC-R550 2-piece Crank Arm 52-39T/53-39T/50-39T

for 30-speed

FC-R553 2-piece Crank Arm 50-39-30T

BR-R505 Disc brake Center Lock rotor mount



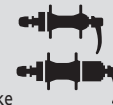
SM-RT62 Center Lock mount rotor

BR-R650 Long reach Caliper brake



BR-R560 Short reach Caliper brake

HB-R505



FH-R505

For Disc brake Center Lock rotor mount OLD:135 mm (refer to technical information)

BR-R550 \* Cantilever brake



\* Linkwire should be ordered separately.  
A-LWTYPE (59.5mm)  
A-LWZTYF (64.5mm)

# SHIMANO TIAGRA

## 18-SPEED



ST-4501 RD-4500-SS FD-4500 SM-SP17 FC-4500 (52-39T) (SM-FC4500)  
FC-4550 (50-34T)  
2-piece Crank Arm

SL-7700 ..... BL-R400  
SL-BS77 .....

For flat handlebar



SL-R440 ..... BL-R550 ..... FD-R440

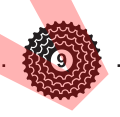
FC-4550-S  
w/Shimano logo  
2-piece Crank Arm  
50-34T



BR-4500



HB-4500  
FH-4500



CS-HG50-9  
9-speed HG CS  
11-25T  
12-23T  
12-25T  
13-25T  
14-25T



CN-HG53  
Super narrow  
HG chain

## 27-SPEED



ST-4503 RD-4500-GS FD-4503 for 50-39-30T SM-SP17 FC-4503 (SM-FC4500)  
2-piece Crank Arm  
50-39-30T

SL-7700 ..... BL-R400  
SL-BS77 .....

For flat handlebar



SL-R440 ..... BL-R550 ..... FD-R453 for 50-39-30T  
FD-R443 for 52-42-30T

BR-R505  
Disc brake  
SM-RT62  
Center Lock  
mount rotor



BR-R450  
long reach  
w/Shimano logo

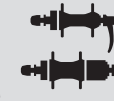


BR-R550 \*  
Cantilever  
brake



\*Linkwire should be ordered separately.  
A-LWTYPE (59.5mm)  
A-LWZTYF (64.5mm)

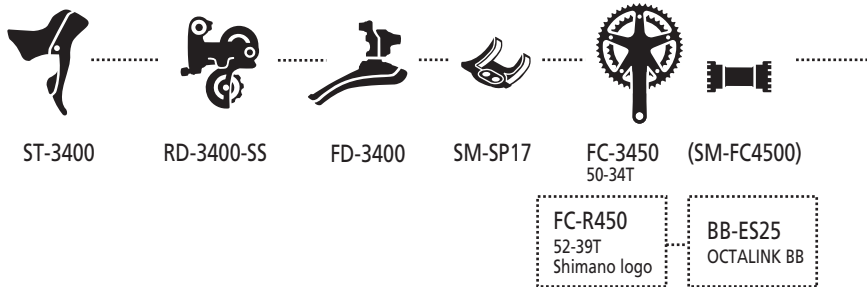
HB-R505  
FH-R505



For Disc brake  
Center Lock  
rotor mount  
OLD: 135mm  
(Refer to technical information)

<p>DH-3N80 DH-3N72 Hub Dynamo 6V-3.0 W</p>	<p>PD-R540 SPD-SL pedal PD-A530 SPD-SL pedal PD-A520 SPD pedal</p>	<p>CP-FH05 CP-FH06 CP-FH31 CP-FH35</p>
<p>DH-2N80 DH-2N72 Hub Dynamo 6V-2.4W</p>	<p>WH-RS10 wheel set CP-WH23</p>	
	<p>WH-R500A WH-R500 CP-FH02 for 21-25T CP-FH35 for 27T</p>	

## 18-SPEED

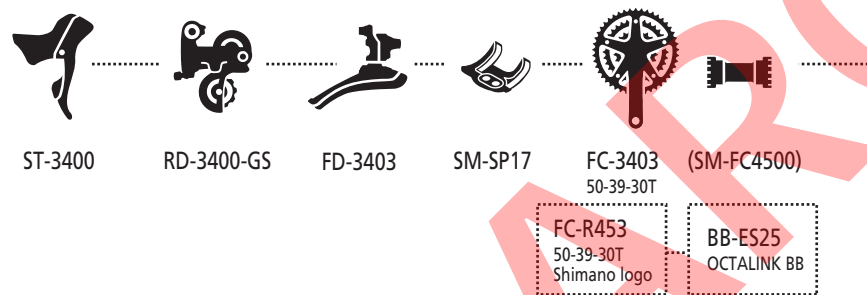


SL-R400 ..... BL-R400

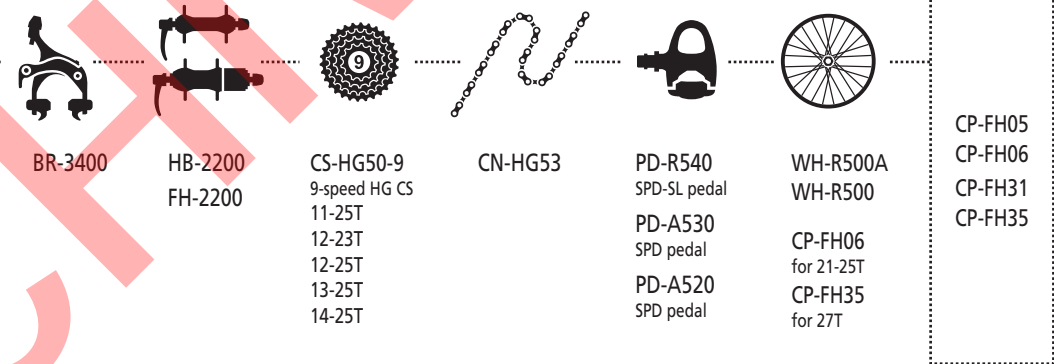
For flat handlebar



## 27-SPEED



For flat handlebar



BR-R450 long reach w/Shimano logo



BR-R550 \* Cantilever brake



\* Linkwire should be ordered separately.  
A-LWTYPE (59.5mm)  
A-LWZTYF (64.5mm)

# Shimano 2300

## 16-SPEED

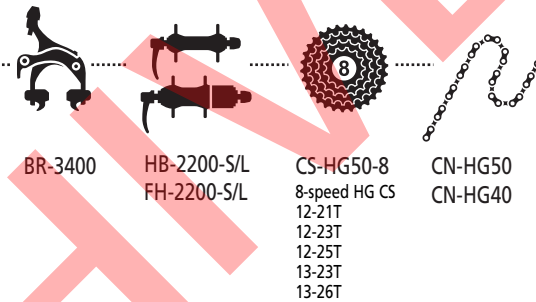
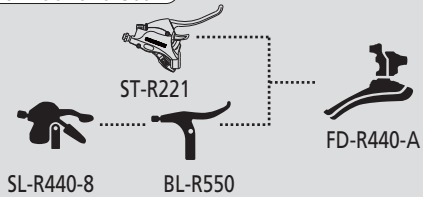
For drop handlebar



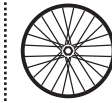
For down tube shift

SL-R400-----BL-R400

For flat handlebar



PD-R540  
SPD-SL pedal



WH-R500  
Complete  
wheel

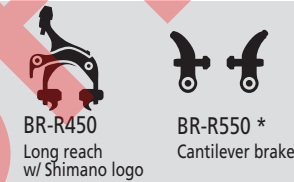
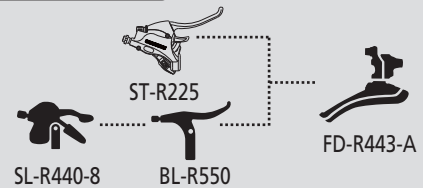
CP-FH05  
CP-FH06  
CP-FH31  
CP-FH35

## 24-SPEED

For drop handlebar



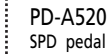
For flat handlebar



BR-R450  
Long reach  
w/ Shimano logo

BR-R550 \*  
Cantilever brake

\* Linkwire should be ordered separately.  
A-LWTYPE (59.5mm)  
A-LWZTYF (64.5mm)

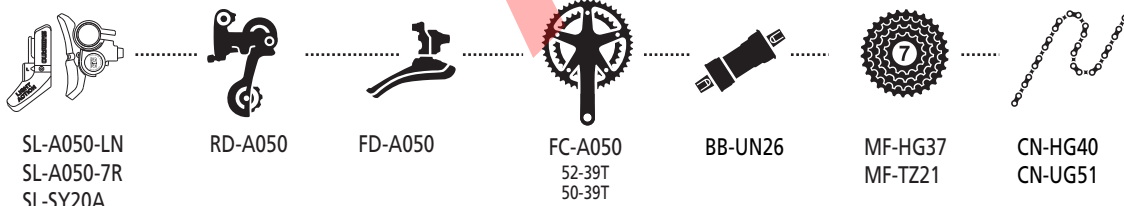


PD-A520  
SPD pedal

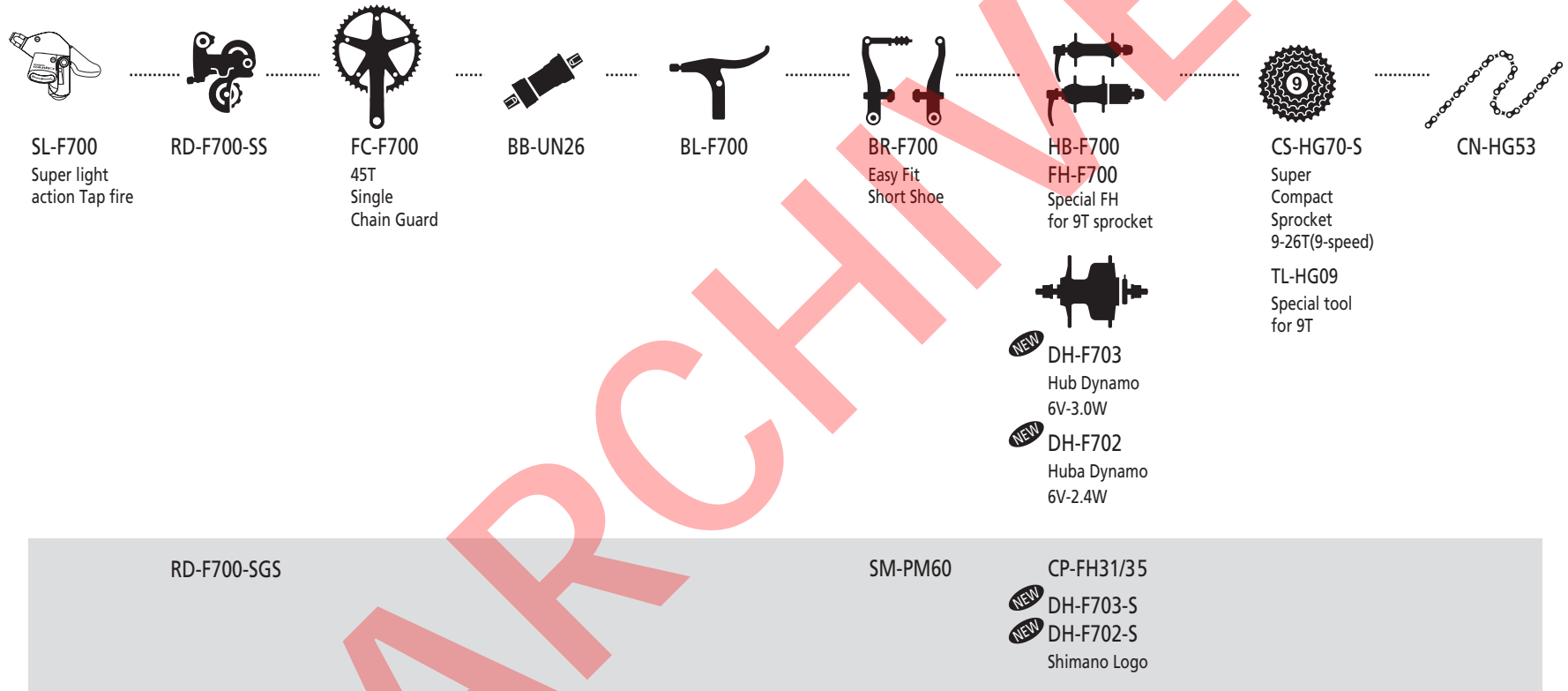
CP-FH06  
for 21-25T  
CP-FH35  
for 27T

# Shimano A050

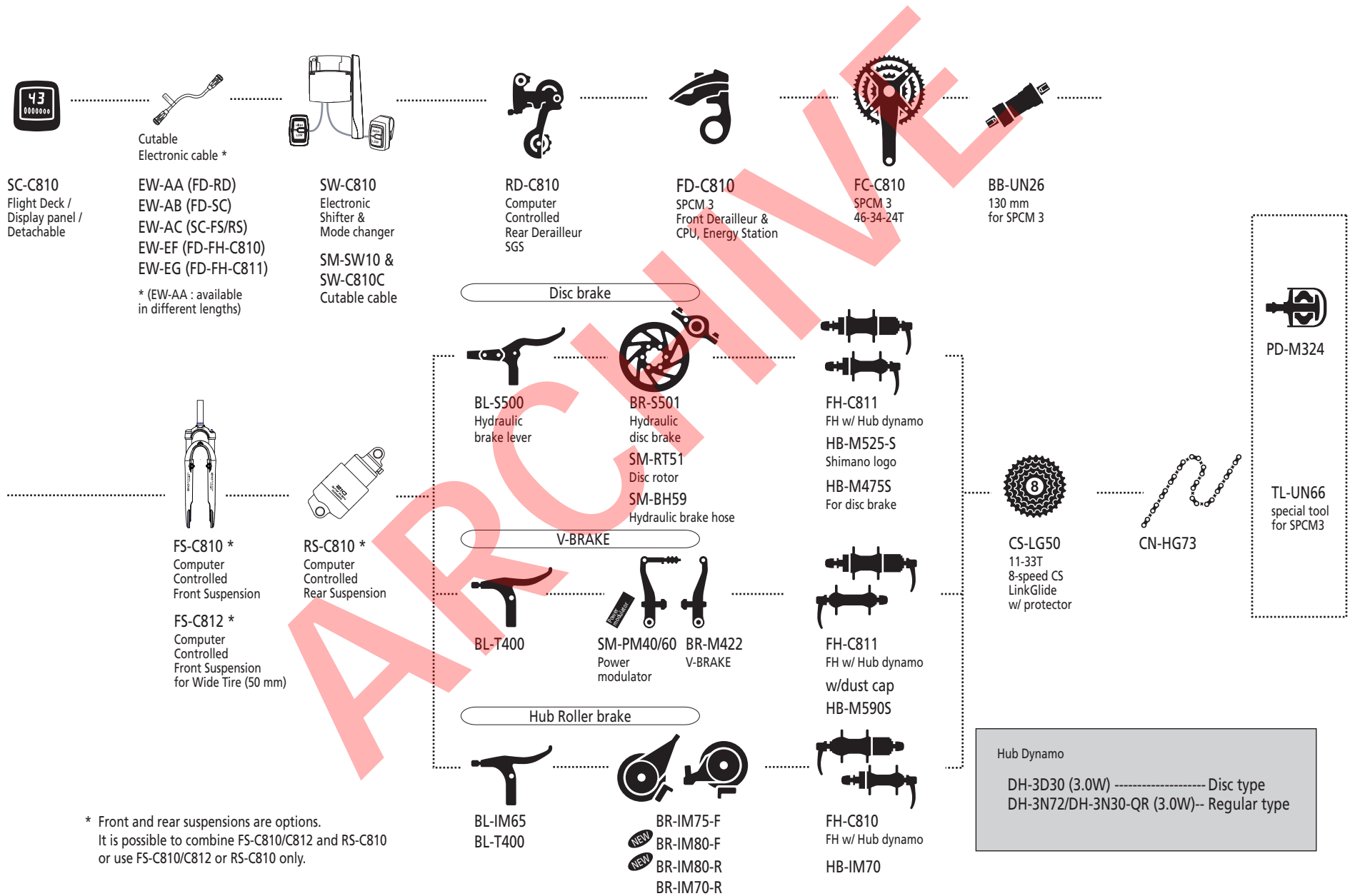
## 14-SPEED



wheel size: 20inch max.



# SHIMANO NEXAVE C810



\* Front and rear suspensions are options.  
It is possible to combine FS-C810/C812 and RS-C810  
or use FS-C810/C812 or RS-C810 only.

# SHIMANO NEXAVE T300

## FRONT HG 21-SPEED HUB ROLLER BRAKE

ST-T300-S

RD-T300  
Low normal

**NEW** FD-M190  
for 42-34-24T  
CL: 47.5/50 mm  
CS angle 63-66

**NEW** FD-M190A  
for 42-34-24T  
CL: 47.5/50mm  
CS angle 66-69

FC-M191  
Square  
42T-34T-24T  
CL: 47.5mm

BB-UN26

**NEW** BR-IM80-F  
BR-IM80-R  
Hub roller brake

HB-IM70  
Power Modulator  
front hub  
FH-IM45  
front hub roller brake

CS-HG30-71  
7-speed HG CS  
11-28T

CP-FH56  
For 32H

CN-HG50  
CN-HG40

BL-T400

**NEW** FD-M191  
for 48-38-28T  
CL: 47.5/50mm

FC-M191  
Square  
48-38-28T  
CL: 47.5mm

BR-IM75-F  
BR-IM70-F  
BR-IM70-R  
Hub roller brake

DH-3R30(NT)  
DH-3R30(QR)  
hub dynamo  
6V - 3.0 W  
w/Power modulator

DH-2R30-E (NT)  
hub dynamo  
6V - 2.4 W  
w/Power modulator

CP-FH53  
For 36H

SM-SP18  
SM-BT18

PD-M324

## FRONT HG 21-SPEED V-BRAKE

ST-T300-S

RD-M310  
Low normal

**NEW** FD-M190  
for 42-34-24T  
CL: 47.5/50 mm  
CS angle 63-66

**NEW** FD-M190A  
for 42-34-24T  
CL: 47.5/50mm  
CS angle 66-69

FC-M191  
Square  
42-34-24T  
CL: 47.5mm

BB-UN26

BR-M422  
SM-PM40/60  
Power Modulator

FH-RM30-7(QR)  
Roller clutch  
HB-RM60(QR)

CS-HG30-71  
7-speed HG CS  
11-28T

CP-FH56  
For 32H

CN-HG50  
CN-HG40

**NEW** FD-M191  
for 48-38-28T  
CL: 47.5/50mm

FC-M191  
Square  
48-38-28T  
CL: 47.5mm

DH-3N20(NT)  
DH-3N30(QR)  
hub dynamo  
6V-3.0W

**NEW** DH-2N30-E(NT)  
DH-2N35-E  
hub dynamo  
6V-2.4W

CP-FH53  
For 36H

## Vertical drop end use



CS-S500  
18/20T



Small parts  
Set

CT-S500  
Chain tensioner

**NEW**  
CT-S510  
Chain tensioner  
(pulley fixed type)



FC-S500  
2 pcs crankset  
w/BB unit  
45T or 39T  
Double chain guard

FC-S400  
OCTALINK  
45T or 39T  
Double chain guard



SL-S500  
Rapidfire-plus  
shifter



SG-S501  
For disc brake use  
Centerlock mount



BL-S500  
Hydraulic disc  
brake lever  
4-finger

BL-S502  
Hydraulic disc  
brake lever  
2.5-finger



BR-S501  
Brake caliper

SM-RT64  
Disc rotor  
Centerlock mount

SM-BH59  
Hydraulic brake hose



DH-S501  
Hub dynamo  
6V-3.0W  
For disc brake use  
Centerlock mount



Auto-L  
Compatible lamp



CN-HG53

## Track drop end use



SM-GEAR  
STD Sprocket  
16/18/19/20/21/22/23T



Small parts  
Set

CT-S500  
Chain tensioner

**NEW**  
CT-S510  
Chain tensioner  
(pulley fixed type)



FC-S500  
2 pcs crankset  
w/BB unit  
45T or 39T  
Single chain guard

FC-S400  
OCTALINK  
45T or 39T  
Single chain guard



PD-A530  
SPD pedal



WH-S501-3D  
Trekking use  
Disc brake  
w/Hub dynamo  
for front

WH-S501-8D  
Trekking use  
Disc brake  
w/Internal 8-speed  
for rear

WH-S501-V-3D  
Trekking use  
V-BRAKE/ Disc  
w/hub dynamo  
for front

WH-S500-V  
Trekking use  
V-BRAKE / Disc  
for front

WH-S501-V-8D  
Trekking use  
V-BRAKE/ Disc  
w/Internal 8-speed  
for rear

CN-NX10



**ROLLER BRAKE SPEC.**



SG-8R56



BR-IM70-R

**V-BRAKE SPEC.**



SG-8R56-VS

**COASTER BRAKE SPEC.**



SG-8C56



MU-8S40  
Motor Unit



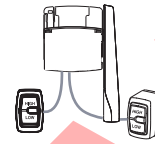
Small Parts



AI-8S40  
CPU, Energy Station  
  
AI-8S40-C  
CPU for 20 inch  
or smaller wheel



SC-8S40  
Flight Deck  
Display panel /  
Detachable /  
  
SC-8S40-C  
Flight Deck  
for 20 inch  
smaller wheel



SW-8S40  
Electronic Shifter &  
Mode changer  
  
SM-SW10 &  
SW-8S40C  
Electronic Shifter &  
Mode changer  
Cuttable cable



EW-AA (AI-MU)  
EW-AB (AI-SW)  
EW-AC (AI-RS/SW-FS)  
EW-DD (AI-DH)  
electric cable



FC-NX75  
33/38T



BB-UN26

**Hub Roller brake**



DH-3RB1-QR  
Hub Dynamo  
for C-Nexus / Roller Brake



BL-IM65  
for Roller Brake use



BR-IM75-F

**V-BRAKE**



DH-3NB1-QR  
Hub Dynamo  
for C-Nexus



BL-IM65  
for V-BRAKE use



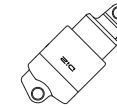
BR-M432  
BR-M422  
V-BRAKE

SM-PM40  
power modulator



FS-C810 \*  
Computer  
Controlled  
Front Suspension

FS-C812 \*  
Computer  
Controlled  
Front Suspension  
for Wide Tire (50 mm)



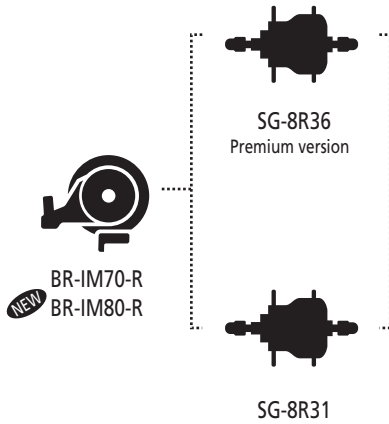
RS-C810 \*  
Computer  
Controlled  
Rear Suspension



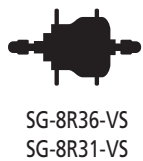
CN-NX10

\* Front and rear suspensions are options.  
It is possible to combine FS-C810/C812 and RS-C810  
or use FS-C810/C812 or RS-C810 only.

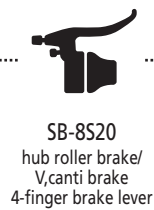
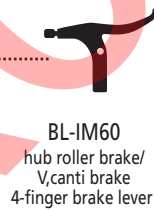
**ROLLER BRAKE SPEC.**



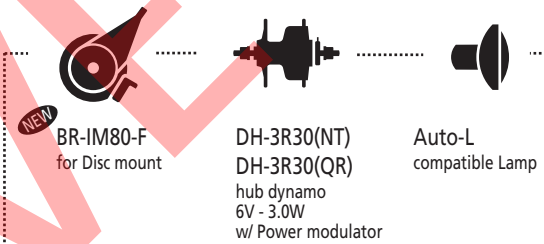
**V-BRAKE SPEC.**



**COASTER BRAKE SPEC.**

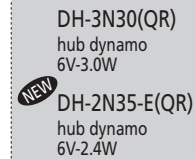
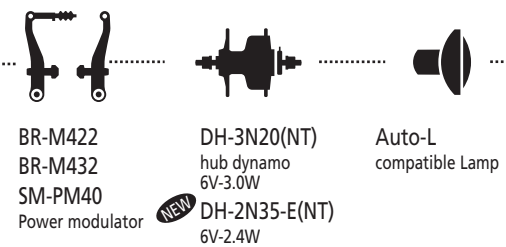


**ROLLER BRAKE SPEC.**



\*refer to technical information for selection

**V-BRAKE SPEC.**



**ROLLER BRAKE SPEC.**



BR-IM70-R  
BR-IM50-R  
BR-IM41-R

**COASTER BRAKE SPEC.**



SG-7C18  
(Steel Hub Shell)  
made in Czech

**V-BRAKE SPEC.**



Small parts  
Left hand dust cap

**ROLLER BRAKE SPEC.**



BL-IM45  
hub roller brake use

SB-7S45  
hub roller brake use



BR-IM80-F

DH-3R30(NT)  
DH-3R30(QR)  
hub dynamo  
6V-3.0W  
w/Power modulator



Auto-L  
compatible Lamp



Small Parts  
Set



FC-NX75  
33/38T



BB-UN26



BL-IM65  
hub roller brake use

SL-7S20  
SL-7S10

BR-IM75-F  
BR-IM70-F  
BR-IM50-F  
BR-IM41-F

DH-2R30-E(NT)  
hub dynamo  
6V-2.4W  
w/Power modulator

HB-IM70  
HB-IM40  
w/Power modulator

\*refer to technical information for selection

**V-BRAKE SPEC.**



BL-IM65  
V-BRAKE use

SL-7S20  
SL-7S10



BR-M422  
BR-M432



DH-3N20(NT)  
hub dynamo  
6V-3.0W

**NEW** DH-2N35-E(NT)  
6V-2.4W



Auto-L  
compatible Lamp

BL-IM45  
V-BRAKE use

SB-7S45  
V-BRAKE use

DH-3N30(QR)  
hub dynamo  
6V-3.0W

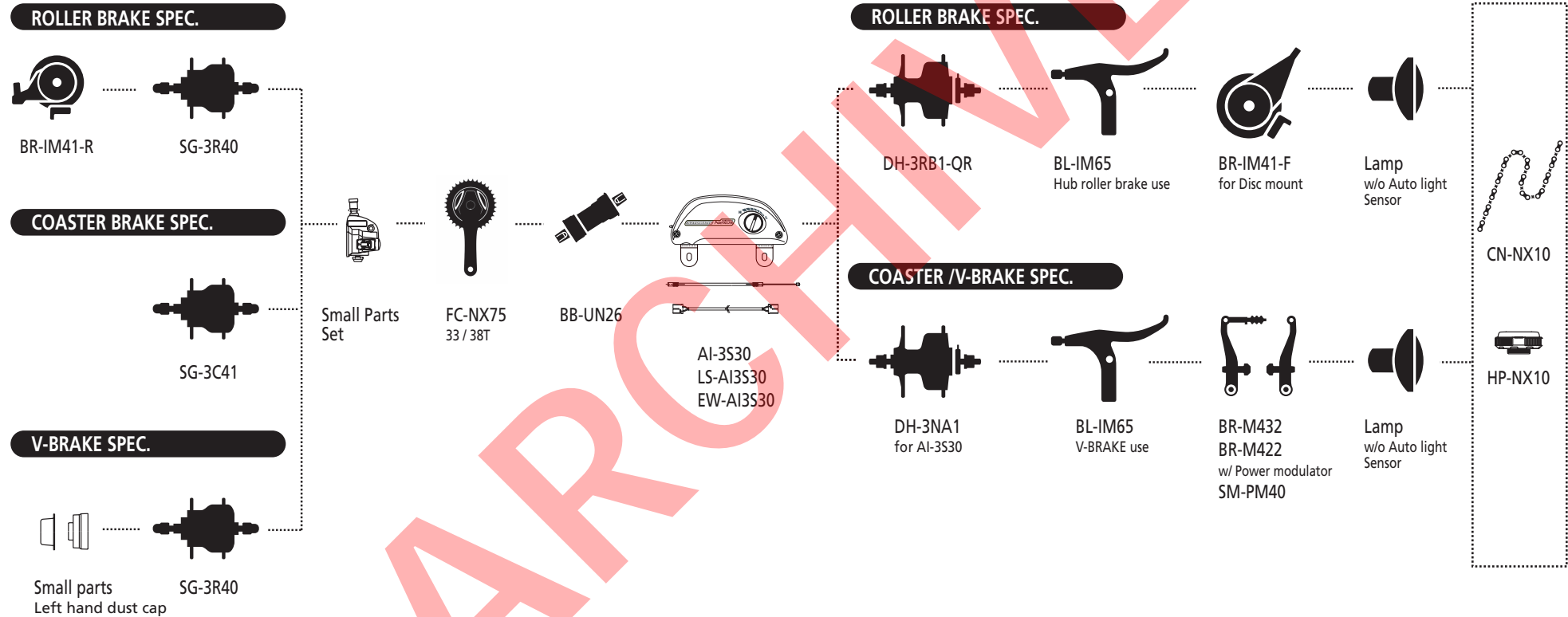
**NEW** DH-2N35-E(QR)  
hub dynamo  
6V-2.4W



CN-NX10



HP-NX10



**ROLLER BRAKE SPEC.**



BR-IM41-R  
BR-IM50-R



SG-3R40

**COASTER BRAKE SPEC.**



SG-3C41

**V-BRAKE SPEC.**



Small parts  
Left hand dust cap



SG-3R40

**DISC BRAKE SPEC.**



BR-M416  
SM-RT62



SG-3D55



**ROLLER BRAKE SPEC.**



BL-IM65  
Roller brake use  
3-finger brake lever



SL-3S41E\*  
SL-3S42E\*  
SL-3S35E



BR-IM41-F



DH-3R30(NT)  
DH-3R30(QR)  
hub dynamo  
6V - 3.0W  
w/ Power modulator



Auto-L  
compatible Lamp

BR-IM50-F

DH-2R30-E(NT)  
hub dynamo  
6V - 2.4W  
w/ Power modulator  
HB-IM70  
HB-IM40  
w/ Power modulator

\*refer to technical information for selection

**V-BRAKE SPEC.**



BL-IM65  
V-BRAKE use



SL-3S41E\*  
SL-3S42E\*  
SL-3S35E



BR-M432  
BR-M422

SM-PM40  
Power modulator



DH-3N20(NT)  
hub dynamo / 6V-3.0W  
NEW DH-2N35-E(NT)  
hub dynamo / 6V-2.4W



Auto-L  
compatible Lamp

NEW DH-3N30(QR)  
hub dynamo / 6V-3.0W  
NEW DH-2N35-E(QR)  
hub dynamo / 6V-2.4W



**DISC BRAKE SPEC.**



BL-IM65  
V-BRAKE use  
BL-M421



SL-3S41E\*  
SL-3S42E\*  
SL-3S35E



BR-M416  
SM-RT62



HB-RM65  
HB-M495A



Auto-L  
compatible Lamp

DH-3D72

\*SL-3S41E: Short Grip  
\*SL-3S42E: Long Grip

ROLLER BRAKE SPEC.



BR-IM31-R  
 BR-IM31-RF  
 BR-IM35-RF



SG-3R42  
 SG-3R40



Small Parts  
 Set



BL-IM32  
 BL-IM65



SL-3S42J  
 SL-3S35J  
 SL-3S90

SL-3S60  
 EW-NX60  
 w/ position  
 LED Light



BR-IM31-F  
 BR-IM35-FF



DH-2R30J  
 Hub dynamo  
 6V-2.4W with  
 power modulator

DH-2N30J  
 Hub dynamo  
 6V-2.4W



LP-NX30  
 Xenon Lamp

LP-NX35  
 LED Lamp

LP-NX60  
 LED Lamp

LP-FTX3  
 LED Lamp



HL-S200

SG-3S42  
 SG-3S40

HB-IM40

\* SG, Small Parts Set, SL are for Japanese market.

\* DH, LP are for Japanese standard.