



SHIMANO EUROPE BV / INDUSTRIEWEG 24 / 8071CT / NUNSPEET / THE NETHERLANDS



Shimano Roller Brake


Maintenance Manual

Erik Hazenberg



Shimano Roller Brake:

Shimano Multi-Condition Roller Brakes use a precision cam-and-roller design that delivers strong yet easily controllable braking power. Large disc-type radial cooling fins keep temperatures down, eliminate fade, and extend the service life of the lubricant. Sealing channels keep out dirt and water to assure safe and dependable braking performance in wet or dry conditions.



With this manual Shimano would like to inform how to maintain the Shimano Roller Brakes to make sure you can have maximum benefit from your brake system.

Content:

- Regular Maintenance
- Rollerbrake Greasing Maintenance Interval
- Wear Out Measurement Tool for BR-IM41 / BR-IM50

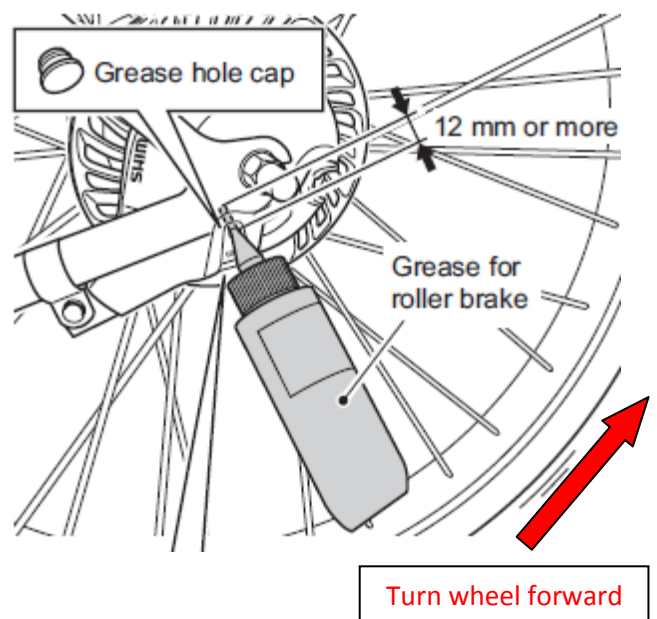
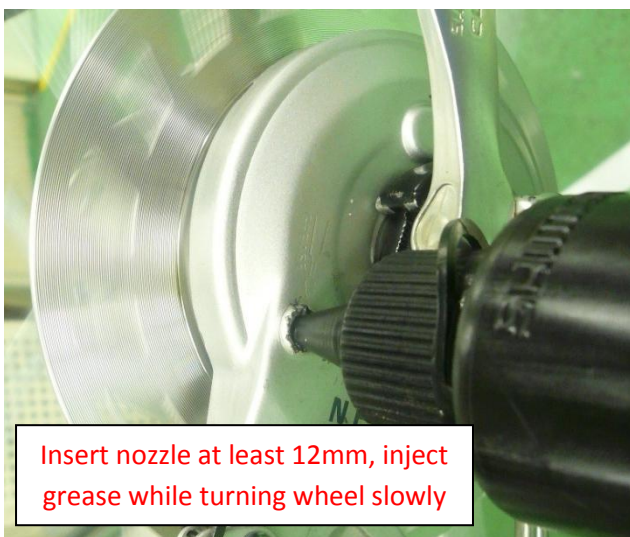
Regular Maintenance:

1. Remove the grease hole cap that covers grease hole
2. Insert the nozzle of the tube into the grease hole. It should be inserted 12mm at least
3. While greasing (+/-5gram) slowly turn the wheel forward

Note: It is recommended to use the official Shimano Roller Brake grease (see item numbers underneath) when carrying our maintenance. If the original Shimano Roller Brake grease is not used problems may occur.

Roller Brake Grease itemnumber:

- Y04120400 (Net. 100gram)
- Y04140020 (Net. 10gram)



Roller Brake Greasing Interval:

Basic Greasing Interval (depending on circumstances) is every 2 Years or 5000km, with underneath exceptions:

- In hilly area and/or intensive usage, maintenance should be done every 6 months
- In case the Shimano Roller Brake is making noise during braking and/or braking force feels too strong additional maintenance should be done

Note: During greasing/maintenance always check good function of inner & outer cable used for the brake.

Wear Out Measurement Tool:

How to check wear out of Shimano Roller Brake:

- Place the wear out tool against the body of the Cable Adjusting Bolt (see picture)
- Pull the brake lever gently (+/- 4Kgf.)
- Check distance "L", when the Inner Cable Fixing Bolt is touching the wear out tool, the Shimano Roller Brake should be replaced

