



General Safety Information

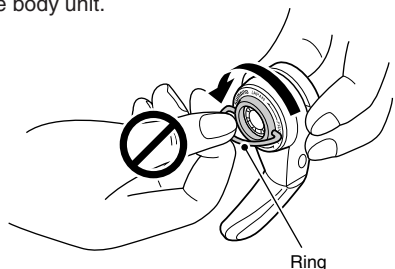
⚠ WARNING

– To avoid serious injuries:

- Obtain and read the service instructions carefully prior to installing the parts. Loose, worn, or damaged parts may cause serious injury to the rider. We strongly recommend only using genuine Shimano replacement parts.
- Read these Technical Service Instructions carefully, and keep them in a safe place for later reference.

NOTE:

- Do not turn the ring until the lever has been secured to the body unit.



- For smooth operation, use the specified outer casing and bottom bracket cable guide.
- Because the high cable resistance of a frame with internal cable routing would impair the SIS function, this type of frame should not be used.
- The sliding surfaces of the inner cable and outer casing should be greased before use.
- The shifting lever can be installed to handlebars with diameters of 19.0 – 22.0 mm.
- Operation of the levers related to gear shifting should be made only when the front chainwheel is turning.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- For any questions regarding methods of handling or maintenance, please contact the place of purchase.

SI-6J60A

SL-BS78

Bar End
Shifting Lever

Technical Service Instructions

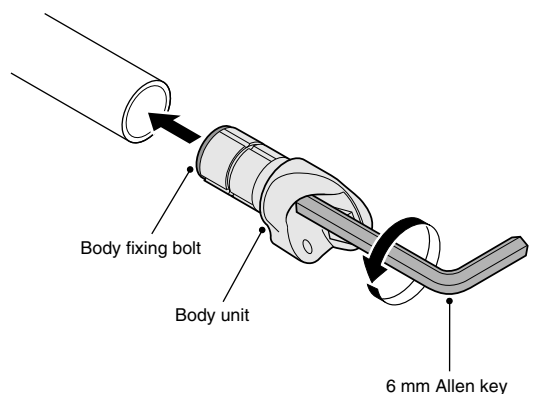
In order to realize the best performance, we recommend that the following combination be used.

Series	DURA-ACE
Shifting lever	SL-BS78
Rear derailleur	RD-7800
Front derailleur	FD-7800
Outer casing	SP41 sealed outer casing
Inner cable	1.2 mm dia. (stainless steel)
Bottom bracket guide	SM-SP17
Sprockets	10

Installation of the lever

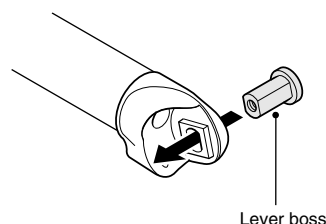
(The illustration shows an explanation of the case where the shifting lever is installed to drop handlebars. Install the front lever in the same way.)

1. Attach the body unit to the handlebar, and then use a 6 mm Allen key to turn the body fixing bolt counterclockwise to tighten it.

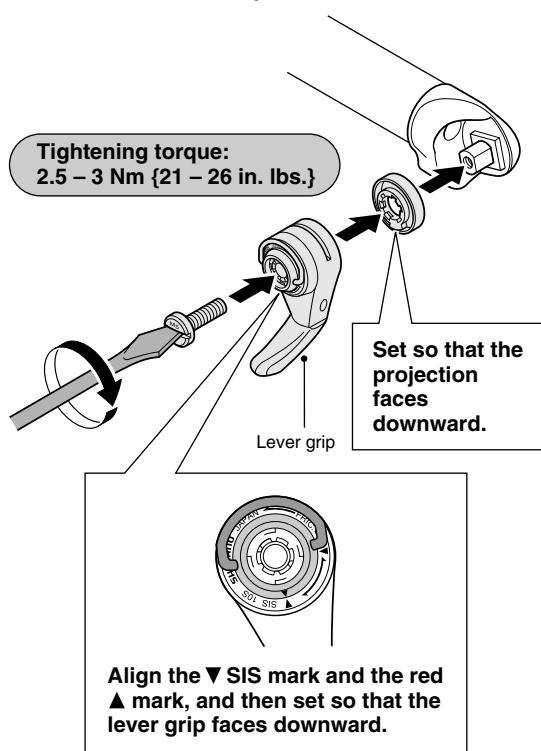


Tightening torque:
5 – 6 Nm
{43 – 52 in. lbs.}

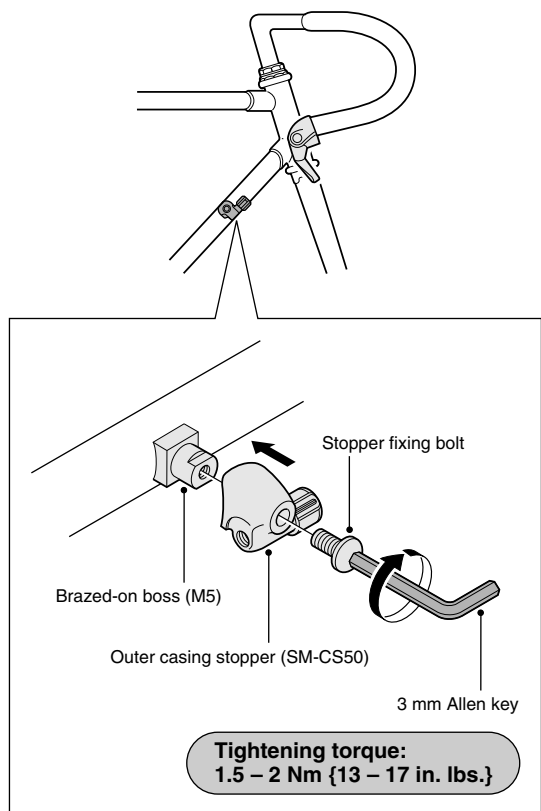
2. Install the lever boss to the body unit.



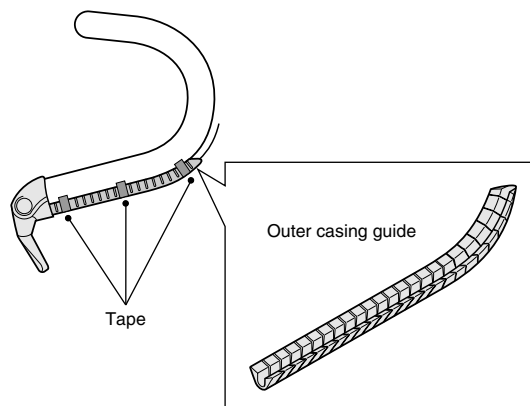
3. Install the lever to the body unit.



4. Install the outer casing stopper to the brazed-on boss.



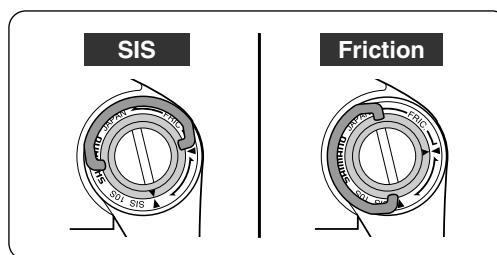
5. With the outer casing placed along the handlebar, cover the outer casing with the outer casing guide, and then use tape or similar material to provisionally attach it to the handlebar.



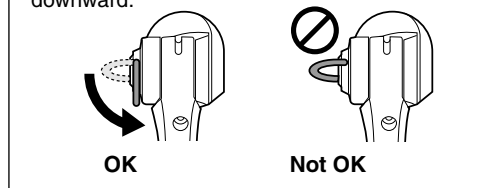
6. Wrap the handlebar with bar tape.

SIS operation

Turn the ring to select either SIS or friction.
Turn the ring until the red ▲ mark is correctly aligned with the ▼ SIS or FRIC ▼ mark.



After making a selection, be sure to fold the ring downward.



These service instructions are printed on recycled paper.

Please note: Specifications are subject to change for improvement without notice. (English)

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