

⚠ WARNING

- It is important to completely understand the operation of your bicycle's brake system. Improper use of your bicycle's brake system may result in a loss of control or an accident, which could lead to severe injury. Because each bicycle may handle differently, be sure to learn the proper braking technique (including bicycle control characteristics) and operation of your bicycle. This can be done by consulting your professional bicycle dealer and the bicycle owner's manual, and by practicing your riding and braking technique.
- When securing the brake arm to the frame, be sure to securely tighten the clip screw and clip nut to the specified tightening torque.
Use lock nuts with nylon inserts (self-locking nuts) for the clip nut. It is recommended that standard Shimano parts be used for the clip screw, clip nut and brake arm clip. If the clip nut comes off the brake arm, or if the clip screw or brake arm clip becomes damaged, the brake arm may rotate on the chainstay and cause the handlebars to jerk suddenly, or the bicycle wheel may lock and the bicycle may fall over, causing serious injury.
- 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.

SERVICE INSTRUCTIONS

SI-3C40D

SG-3C40

Inter-3 Hub with Coaster Brake

Before use, read these instructions carefully, and follow them for correct use.

Be sure to read these service instructions in conjunction with the service instructions for the Inter-3 shifting lever before use.

⚠ CAUTION

- Spin the wheel and confirm that the braking force of the coaster brake is correct.
- If the brakes are used frequently, the brake drum may become hot. Do not touch the brake drum for at least 30 minutes after you finish riding the bicycle.



NOTE:

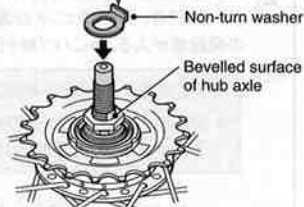
- You can shift gears while pedaling, but on rare occasions the pawls and ratchet inside the hub may produce some noise afterwards as part of normal gear shifting operation.
- For maximum performance we highly recommend Shimano lubricants and maintenance products.
- For any questions regarding methods of handling or adjustment, please contact the place of purchase.

Installation of the hub to the frame

If installing the non-turn washer to the right side

- Install the non-turn washer so that it is aligned with the bevelled surfaces on the right side of the hub axle.

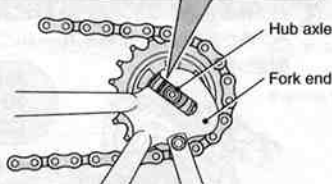
The projection should be on the side of the fork end.



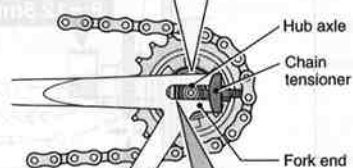
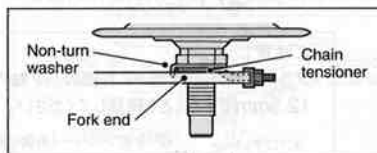
- Mount the chain onto the sprocket, and then turn the hub axle to set it into the fork ends so that the projection of the non-turn washer fits into the groove of the fork end.

■ When chain tensioner is not applied

The projection of the non-turn washer can be either at the front or the back of the hub axle.



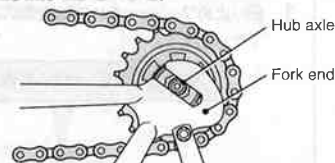
■ When chain tensioner is applied



The projection of the non-turn washer can only be at the front of the hub axle.

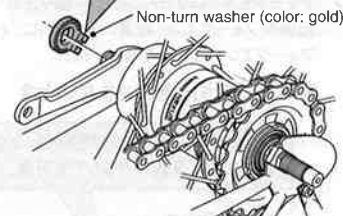
If installing the non-turn washer to the left side

- Mount the chain onto the sprocket, and then set the hub axle into the fork end.

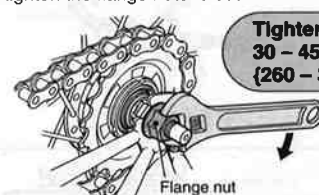


- Place the non-turn washer onto the outside of the left side of the hub axle. At this time, turn the hub axle so that the projection of the non-turn washer fits into the groove of the fork end.

- The projecting part should be on the fork end side.
- Install the non-turn washer so that the projecting part is securely in the fork end groove on either side of the hub axle.



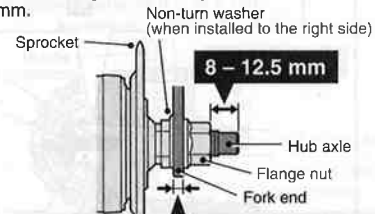
- Screw the flange nuts onto both ends of the hub axle. After this, take up the slack in the chain and then tighten the flange nuts to secure the wheel to the frame.



Tightening torque:
30 – 45 Nm
{260 – 390 in. lbs.}

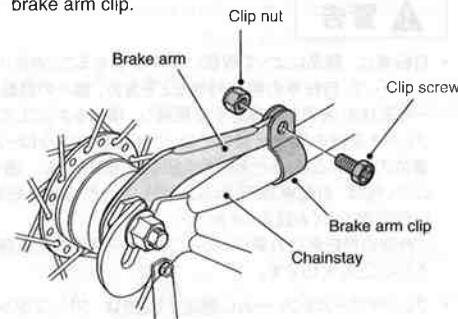
Note:

Check that the right end of the hub axle protrudes from the edge of the flange nut by about 8 – 12.5 mm.



Overall dimensions of fork end, stand and mudguard stay
4 – 7.5 mm (axle width 168 mm)
9 – 12.5 mm (axle width 178 mm)

- Fix the brake arm securely to the chainstay with the brake arm clip.

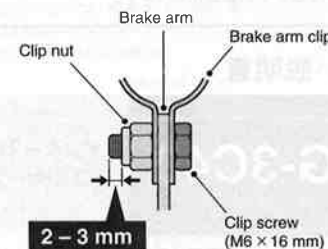


Note:

- When installing the brake arm clip, securely tighten the clip screw while holding the clip nut with a 10 mm spanner.

Tightening torque:
2 – 3 Nm {17 – 26 in. lbs.}

- After installing the brake arm clip, check that the clip screw protrudes about 2 – 3 mm from the surface of the clip nut.



These service instructions explain how to use and maintain the Shimano bicycle parts which have been used on your new bicycle. For any questions regarding your bicycle or other matters which are not related to Shimano parts, please contact the place of purchase or the bicycle manufacturer.

These service instructions are printed on recycled paper.

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

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