

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-4C35B

SG-4C35 CJ-NX10

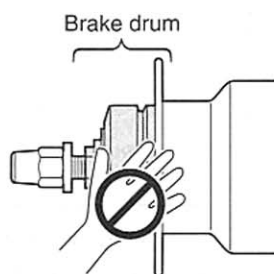
Inter-4 Hub
with Coaster Brake
Cassette Joint

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-4 shifting lever before use.
- The CJ-NX10 cassette joint should only be used with sprockets from 15T to 23T.

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.

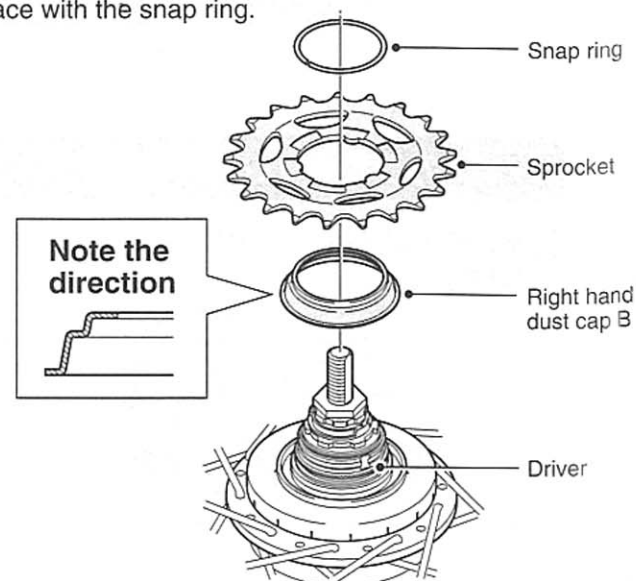


NOTE:

- 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,

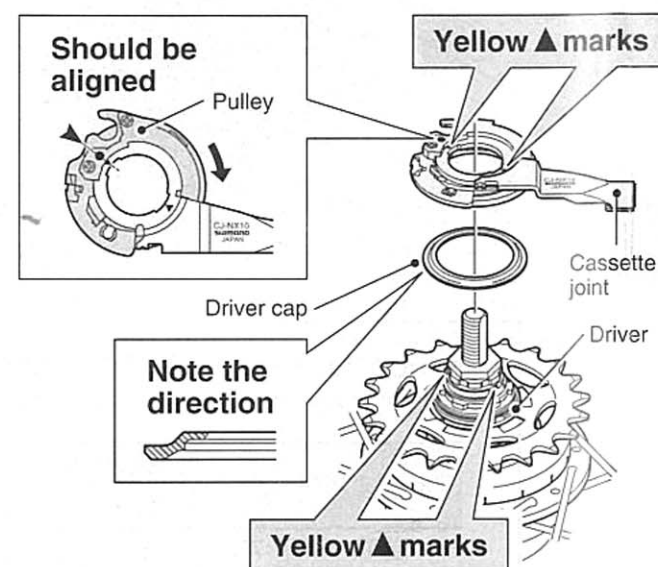
Installation of the sprocket to the hub

Place right hand dust cap B onto the driver on the right side of the hub body. Next, install the sprocket and secure it in place with the snap ring.

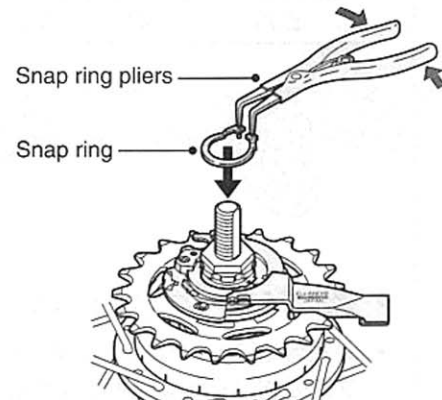


Installation of the cassette joint to the hub

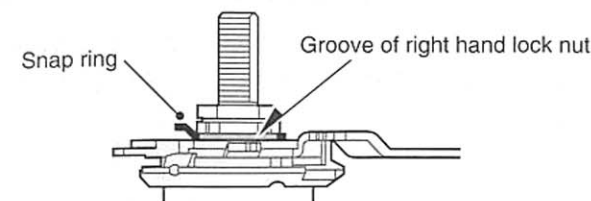
- Install the driver cap to the driver to the right side of the hub body. Next, turn the cassette joint pulley in the direction of the arrow so that the yellow ● mark is aligned with the yellow ▲ mark, and then align the yellow ▲ marks on the cassette joint with the yellow ▲ marks on the right side of the hub body.



- 1) Secure the cassette joint to the hub with the snap ring.

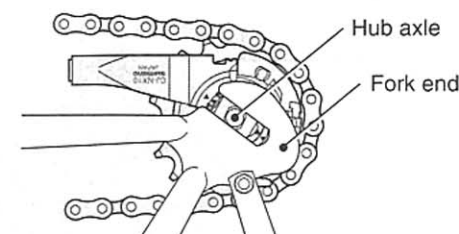


- 2) Insert the snap ring securely into the groove of the right hand lock nut at this time.

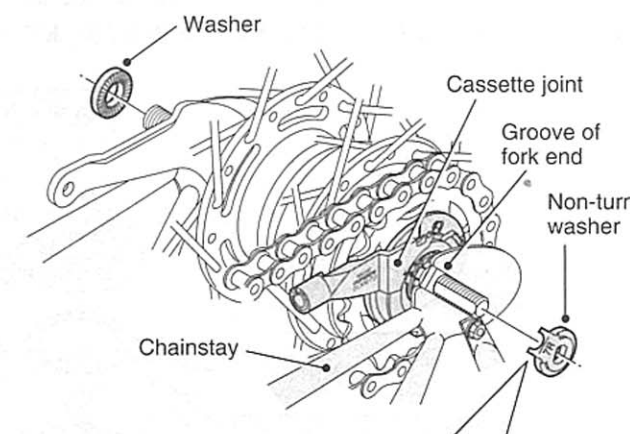


Installation of the hub to the frame

1. Mount the chain on the sprocket, and then set the hub axle into the fork ends.



2. Install the non-turn washer onto the right side of the hub axle. At this time, turn the cassette joint so that the projecting part of the non-turn washer fits into the groove of the fork end. If this is done, the cassette joint can be installed so that it is almost parallel to the chainstay. Furthermore, install a washer with no projecting part onto the left side of the hub axle.



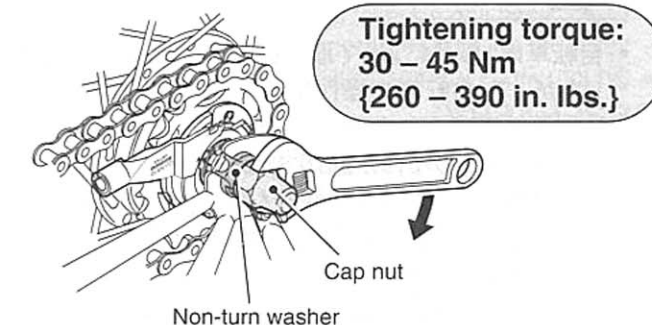
- Two types of non-turn washer are available for use with standard and reversed fork ends. Use whichever non-turn washer is suitable.

Fork end	Non-turn washer		
	Mark	Color	Size
Standard	7R	Black	$20^\circ \leq \theta \leq 38^\circ$
Reversed (full chain case)	5R	Yellow	$\theta = 0^\circ$
Reversed	6R	Silver	$\theta = 0^\circ$

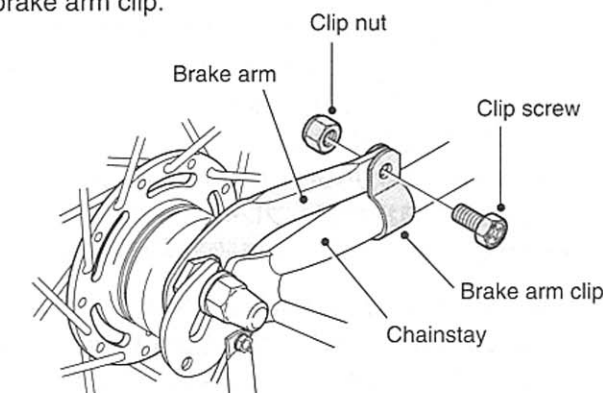


- The projecting part should be on the fork end side.
- Install the non-turn washer so that the projecting part is securely in the fork end groove on either side of the hub axle.

3. Take up the slack in the chain and secure the wheel to the frame with the cap nuts.



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

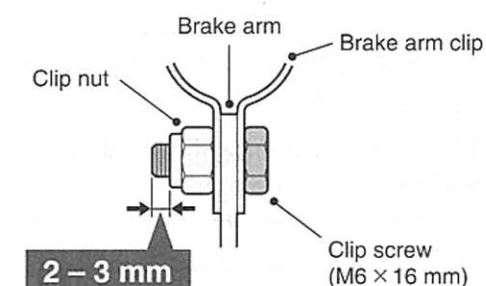


Note:

- 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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