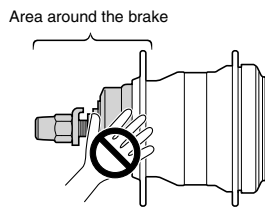


⚠ WARNING – To avoid serious injuries:

- CAUTION** – To avoid serious injuries:

- If the brake is used frequently, the area around the brake may become hot. Do not touch the area around the brake for at least 30 minutes after you finish riding the bicycle.



- Use a wheel with 3x or 4x spoke lacing. Wheels with radial lacing cannot be used because the spokes and the wheel can be damaged when applying the brakes and brake noise can be generated.
- 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.
- If you place your foot on a pedal and move the bicycle backwards, a clicking will be felt in the pedal. This is normal and is not a sign of a malfunction.
- The CJ-NX10 cassette joint should only be used with sprockets from 16T to 23T.
- If the wheel becomes stiff and difficult to turn, you should replace the brake shoes or lubricate with grease.
- Do not apply any lubricant to the inside of the hub, otherwise the grease will come out.
- You should periodically wash the sprockets in a neutral detergent and then lubricate them again. In addition, cleaning the chain with neutral detergent and lubricating it can be a effective way of extending the useful life of the sprockets and the chain.
- If the chain keeps coming off the sprockets during use, replace the sprockets and the chain.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use.
- 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.

SG-7C18
SG-7C30
CJ-NX10

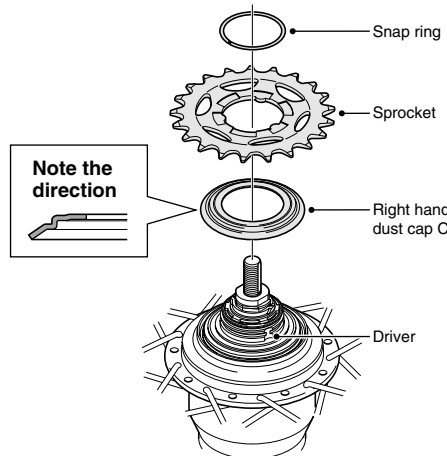
Inter-7 Hub
with Coaster Brake
Cassette Joint

Technical Service Instructions

Be sure to read these service instructions in conjunction with the service instructions for the Inter-7 shifting lever before use.

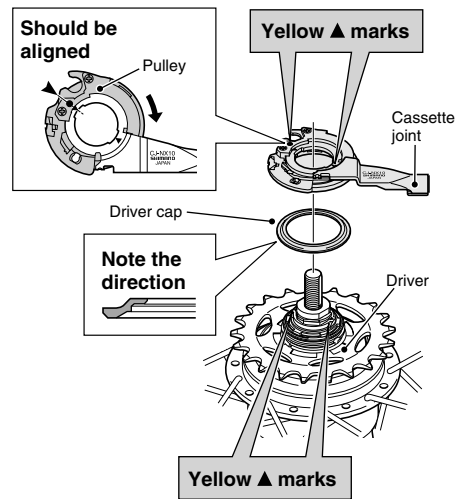
Installation of the sprocket to the hub

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

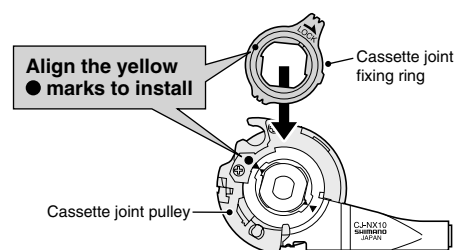


Installation of the cassette joint to the hub

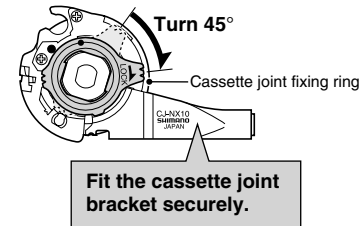
1. Install the driver cap to the driver to the right side of the hub body. Next, turn the cassette joint pulley in the direction of the arrow so that the yellow ● mark is aligned with the yellow ▲ mark, and then align the yellow ▲ marks on the cassette joint with the yellow ▲ marks on the right side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



2. 1) Secure the cassette joint to the hub with the cassette joint fixing ring. When installing the cassette joint fixing ring, align the yellow ● mark with the yellow ● mark on the cassette joint pulley.

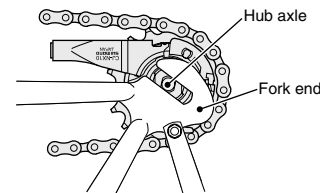


- 2) After installing the cassette joint fixing ring, turn it 45° clockwise.

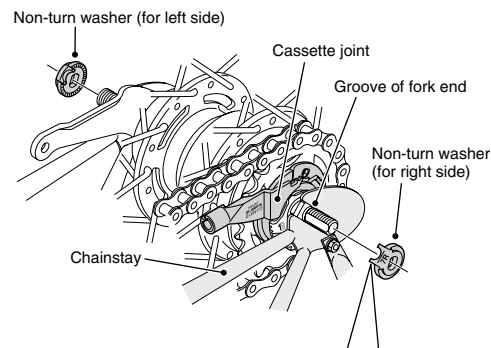


Installation of the hub to the frame

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

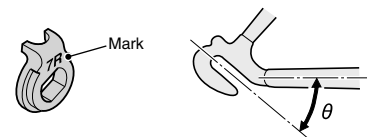


2. Place the non-turn washers onto the right side and left side of the hub axle. At this time, turn the cassette joint so that the projecting parts of the non-turn washers fit into the grooves of the fork ends. If this is done, the cassette joint can be installed so that it is almost parallel to the chainstay.



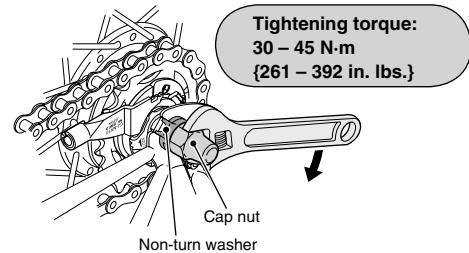
- Different types of left and right non-turn washers are available for use with standard and reversed fork ends. Use whichever non-turn washers are suitable.

Fork end	Non-turn washer		
	Mark / Color		Size
	Right	Left	
Standard	7R / Black	7L / Gray	$20^{\circ} \leq \theta \leq 38^{\circ}$
Reversed	6R / Silver	6L / White	$\theta = 0^{\circ}$
Reversed (full chain case)	5R / Yellow	5L / Brown	$\theta = 0^{\circ}$

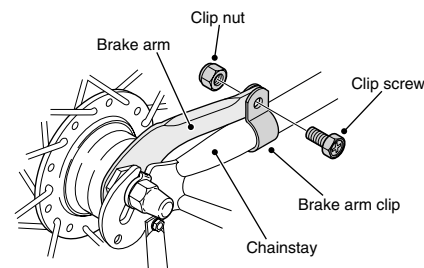


- The projecting parts should be on the fork end side.
- Install the non-turn washers so that the projecting parts is securely in the fork end grooves on either side of the hub axle.

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



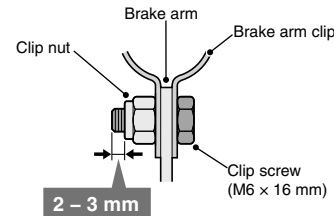
4. Fix the brake arm securely to the chainstay with the brake arm clip.



- 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 N·m {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.



- Before using the Coaster Brake, check that the brake works properly and that the wheel turns smoothly.

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.

* Service Instructions in further languages are available at : <http://techdocs.shimano.com>

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

SHIMANO

SHIMANO AMERICAN CORPORATION
One Holland, Irvine, California 92618, U.S.A. Phone: +1-949-951-5003

SHIMANO EUROPE B.V.
Industrieweg 24, 8071 CT Nunspeet, The Netherlands Phone: +31-341-272222

SHIMANO INC.
3-77 Oimatsu-cho, Sakai-ku, Sakai-shi, Osaka 590-8577, Japan