

SERVICE INSTRUCTION

New Shimano 600EX Hub

- Front hub HB-6207-F
- Rear hub HB-6207-R

NEW
SHIMANO 600 EX



■ Features

- The hub and cones incorporate a seal to prevent entry of mud.

■ Specifications

	HB-6207-F (Front hub)	HB-6207-R (Rear hub)
Weight	219 g (0.48 lbs.)	312 g (0.69 lbs.)
Material	Light alloy	
Spoke hole size	φ2.4mm (0.09")	
No. of spoke holes	36 holes	
Over lock nut dimensions	100 mm (3-15/16")	126 mm (4-9/16")
Axle length	108 mm (4-1/4")	137 mm (5-25/64")
Dishing distance *	—	8.5 mm (0.33")

● Note:

- * Dishing distance means the distance between the center line of the flanges and center line of the lock nuts.

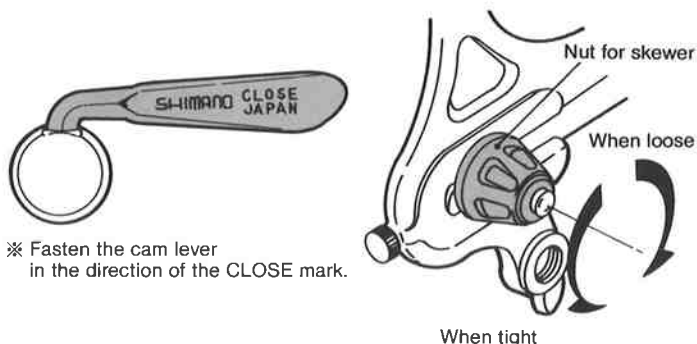
■ Note

- Be sure to tighten up the Quick Release securely.

■ Fastening the Quick Release Mechanism

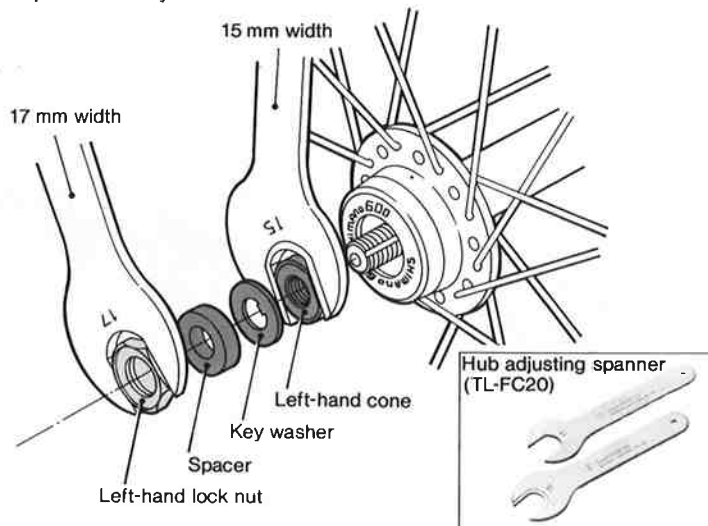
1. Control the nut for skewer and firmly fasten the cam lever in the direction of the CLOSE mark to secure the wheel to the frame. The cam lever fastening torque at this time ranges from 90 to 120 kgfcm. (80 to 105 in.lbs.)
2. If the cam lever is loose when fastened, turn the nut for skewer clockwise and fasten the lever again. Conversely if the cam lever is too tight to turn; rotate the nut for skewer counterclockwise and fasten the lever again.

- ※ Fasten the cam lever in the direction of the CLOSE mark.

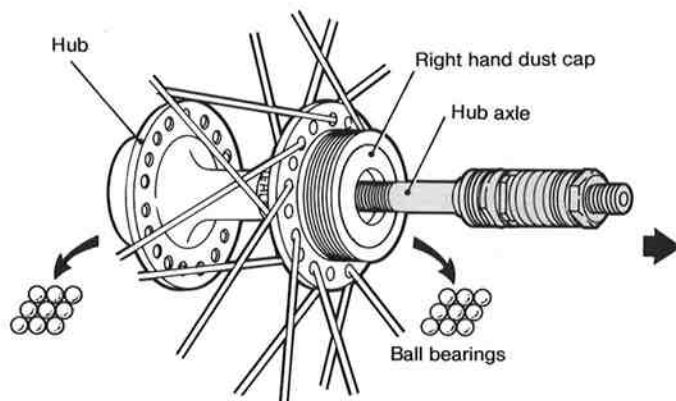


■ Cone and hub axle disassembly

1. Remove the quick release mechanism. Loosen the left-hand lock nut [17 mm (1 1/16") wide] and the left-hand cone [15 mm (19/32") wide] with the hub adjusting spanner (TL-HS20), and then remove the lock nut, axle spacer and key washer.



2. Next, pull the hub axle out to the right side. Remove the nine ball bearings on both right and left. Be careful not to remove the right and left dust caps at this time.

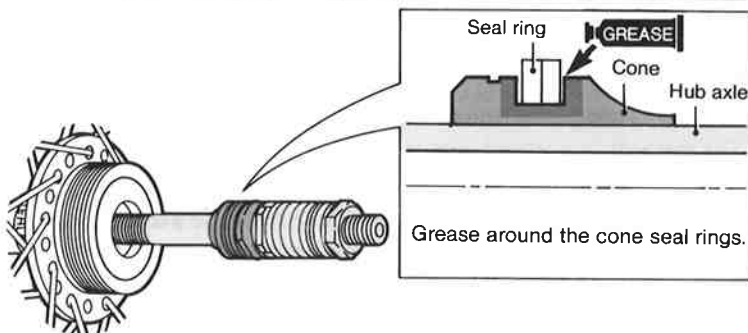


■ Cone and hub axle assembly

Assembly is the reverse of disassembly.

Be sure to liberally grease the ball bearings and replace them in their tracks.

Left-lock nut tightening torque: 100 — 250 kgfcm (88 — 220 in.lbs.)



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