

SERVICE INSTRUCTION

New Shimano 600EX Pedal

● Pedal PD-6207

NEW
**SHIMANO 600
EX**



■ Features

- The pedal axle, rotating parts, and cups are made of chrome molybdenum steel for higher wear resistance and durability.
- The sealed mechanism is adopted in the rotary section to prevent any mud entry.

■ Specifications

Weight	220g (incl. L size toe-clip)
Material	Light alloy, almite-finished (pedal body) Chrome molybdenum steel (pedal axle, cup rotating parts) Steel, CP-finished (plate, toe-clip)
Set-screw dimensions	9/16" X 20 T.P.I. M14 X 1.25
Toe-clip	M/L/LL sizes

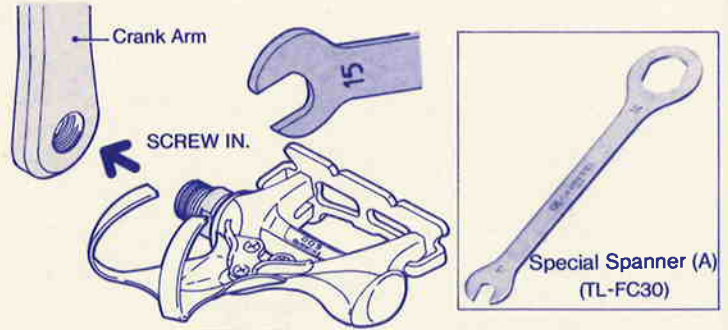
■ Note

- Assemble the pedals and front chainwheel correctly according to the assembly instructions.
- The PD-6207 toe-clip and front plate are compatible with the Shimano DURA-ACE DD Pedal Series. (Note, however, that the rear plate is compatible only with the Model PD-7310.)

■ Mounting onto the Crank

Screw the pedal axle on to the crank arm. Apply the special spanner (A) 15 mm (TL-FC30), and tighten up the axle by gripping the spanner 20 cm (7-7/8") from the axle with a force of 20 kg (18 in.lbs.)

Do not confuse the right and left pedals; the right one is screwed clockwise, and the left, anticlockwise.



Pedal axle tightening torque: 400 kgfcm (350 in.lbs.)

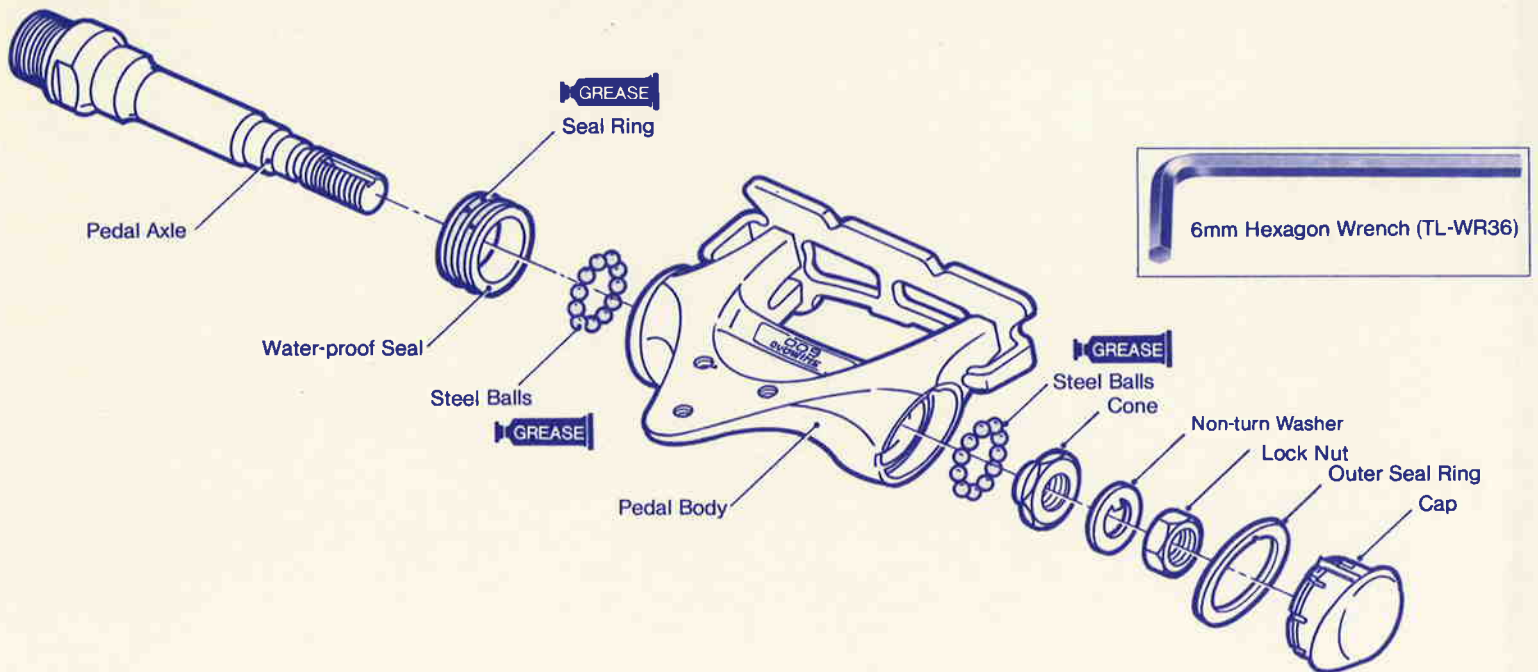
■ Disassembling the Rotating Parts

- 1) Remove the cap and outer seal ring. Holding the pedal axle with the 6 mm hexagon wrench (TL-WR36), apply the 11 mm box spanner to the lock nut and turn it anticlockwise. Now the lock nut is removed.
- 2) Pull out the non-turn washer, and remove the cone with the 15 mm box spanner. Next take out the pedal axle and 11 steel balls each out of the right and left cups. Finally detach the water-proof seal from the pedal axle.

■ Reassembling the Rotating Parts

- 1) Apply enough grease to the cup at the pedal's crank side. Arrange 11 steel balls in position. Install the water-proof ring onto the pedal axle. Apply enough grease to the seal ring, and insert the pedal axle from the pedal's crank side. Also apply grease to the cup outside the pedal body, and arrange 11 steel balls in position.
- 2) Screw the cone to the pedal axle with the 15 mm box spanner. At this time, adjust the cone position so that the pedal axle rotates smooth without any play. Install another tongued washer onto the pedal axle.
- 3) Holding the pedal axle inside with the 6 mm hexagon wrench (TL-WR36), turn the lock nut clockwise with the 11 mm box spanner for sure locking. Match the cap and outer seal ring to the notches of the pedal body.

Lock nut tightening torque: 80 — 150 kgfcm (70 — 130 in. lbs.)



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

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