

2005 CIVIC - Power Steering Pump Overhaul

Exploded View

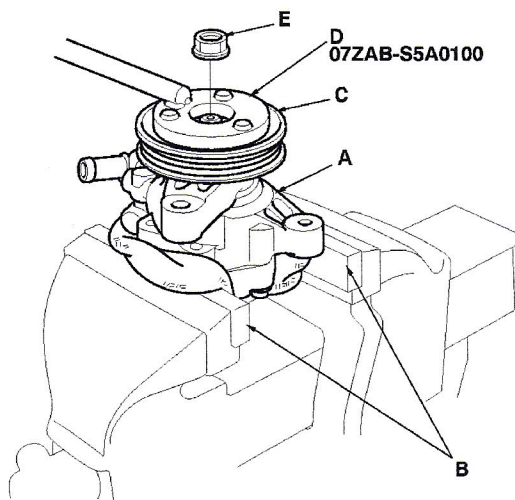
Special Tools Required

- Attachment, 32 x 35 mm 07746-0010100
- Driver 07749-0010000
- Pulley holder 07ZAB-S5A0100

Disassembly

NOTE: Refer to the Exploded View as needed during the following procedure.

1. Drain the fluid from the pump by turning the pulley.
2. Remove the power steering pump.
3. Hold the power steering pump (A) a vise with soft jaws (B), hold the pulley (C) with the special tool (D), and remove the pulley nut (E) and pulley. Be careful not to damage the pump housing with the jaws of the vise.
4. Remove the inlet joint and O-ring.
5. Remove the pressure control valve cap, O-ring, valve spring, and pressure control valve.
6. Remove the pump housing cap, O-ring, and pump preload spring.
7. Remove the pump cover, pump cover seal, and O-ring.
8. Pull out the roll pin.
9. Remove the outer case, cam ring, rotor, vanes, and side plate.
10. Remove the rubber seal and slipper seal from the outer case.
11. Remove the O-rings from the bottom of the housing.
12. Remove the snap ring, then remove the pump drive shaft by tapping the shaft end with the plastic hammer.
13. Remove the seal from the pump housing.



Inspection

14. Check the pressure control valve for wear, burrs, and other damage to the edges of the grooves in the valve.
15. Inspect the bore of the pressure control valve on the pump housing for scratches and wear.