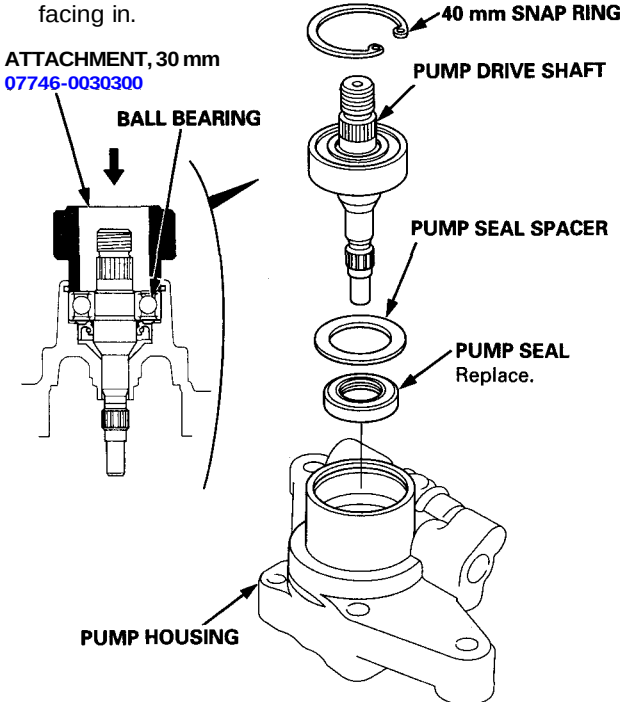


Power Steering Pump

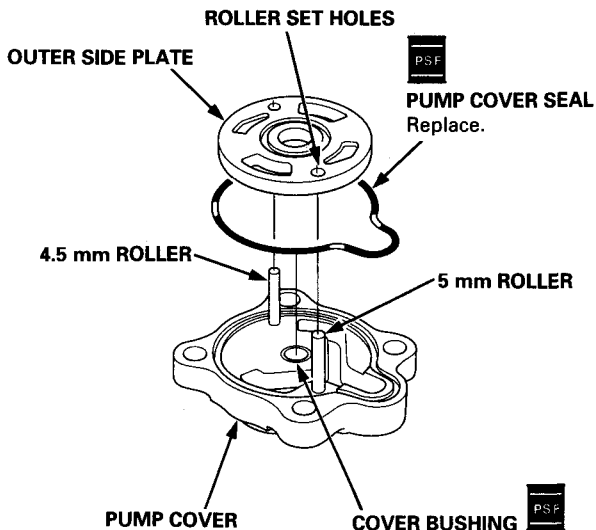
Reassembly

1. Install the new pump seal in the pump housing by hand, then install the pump seal spacer.

NOTE: Insert the pump seal with its grooved side facing in.

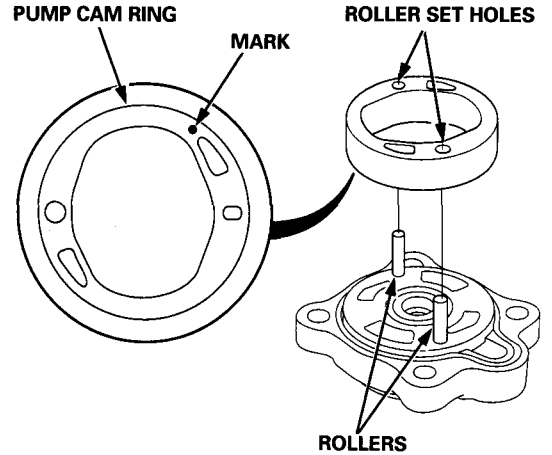


2. Position the pump drive shaft in the pump housing, then drive it in using a special tool as shown.
3. Install the 40 mm snap ring with its radiused side facing out.
4. Coat the pump cover seal and the cover bushing with the power steering fluid, then install the pump cover seal into the groove in the pump cover.



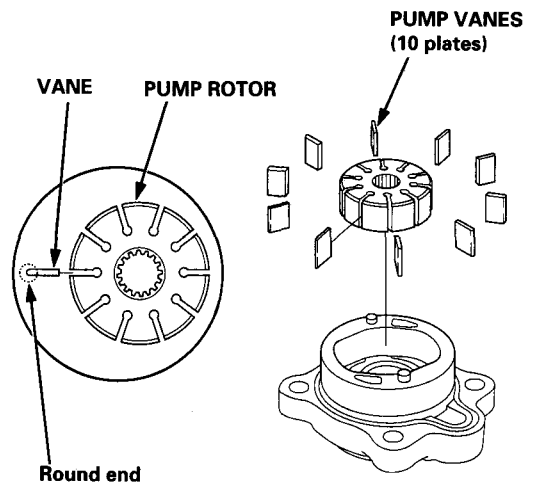
5. Install the outer side plate over the two rollers.

6. Set the pump cam ring over the two rollers with the "°" mark on the cam ring downward.



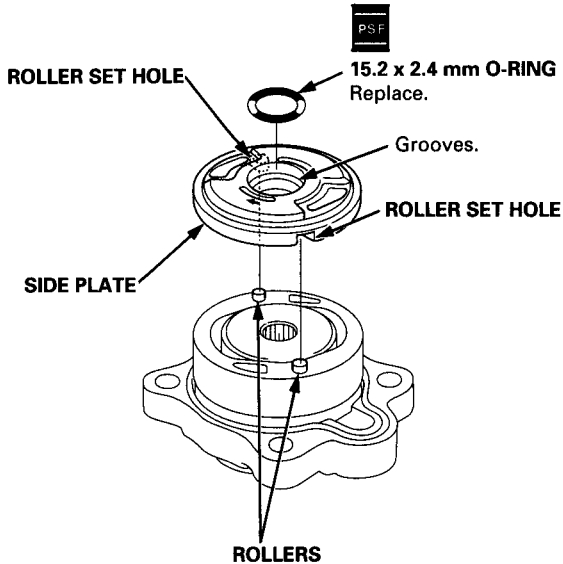
7. Assemble pump rotor to the pump cover.
8. Set the 10 vanes in the grooves in the rotor.

NOTE: Be sure that the round ends of the vanes are in contact with the sliding surface of the cam ring.

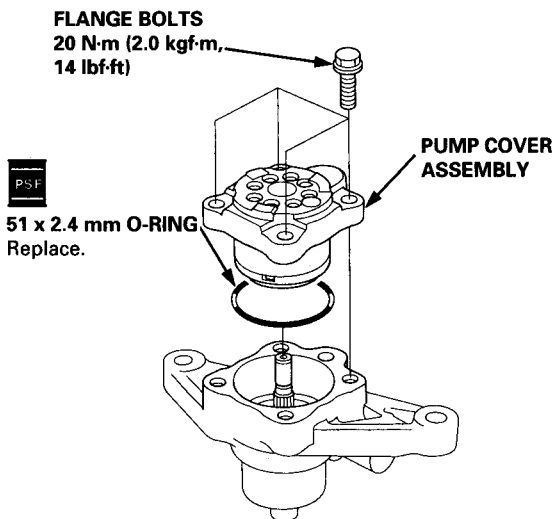




9. Coat the O-ring with power steering fluid, and install it into the grooves in the side plate.



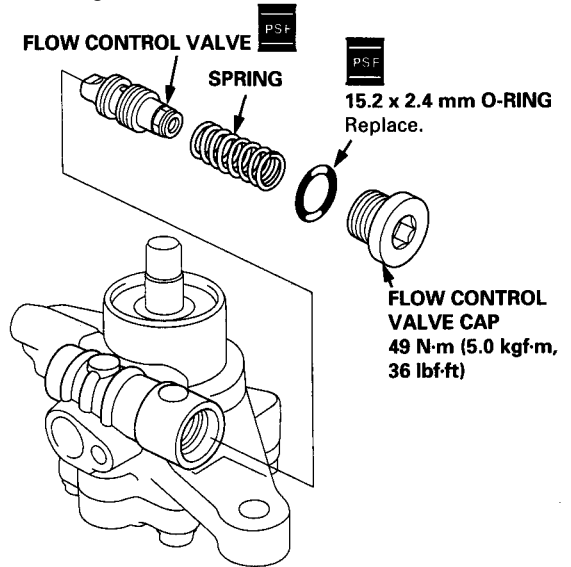
10. Install the side plate on the cam ring by aligning the roller set holes in the side plate with the rollers.
11. Coat the O-ring with power steering fluid, and position it into the pump housing.



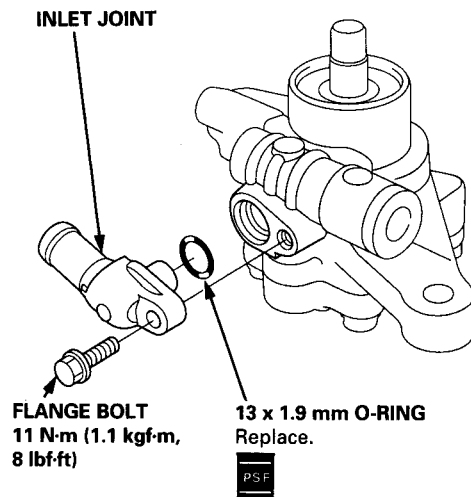
12. Install the pump cover assembly in the pump housing.

13. Coat the flow control valve with power steering fluid.

14. Install the flow control valve and spring on the pump housing.



15. Coat the O-ring with power steering fluid, and install it on the flow control valve cap.
16. Install the flow control valve cap on the pump housing, and tighten it.
17. Coat the O-ring with power steering fluid, and install it into the grooves in the inlet joint.



18. Install the inlet joint on the pump housing.

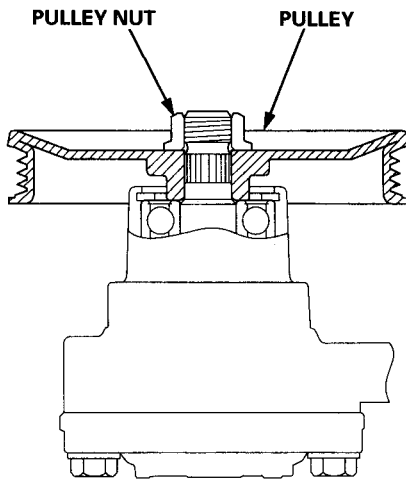
(cont'd)

Power Steering Pump

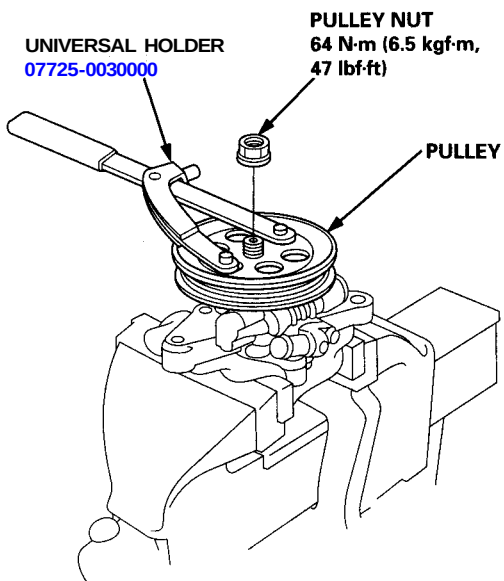
Reassembly (cont'd)

19. Install the pulley as shown below, then loosely install the pulley nut. Hold the steering pump in a vise with soft jaws.

CAUTION: Be careful not to damage the pump housing with the jaws of the vise.



20. Hold the pulley with the special tool, and tighten the pulley nut.



21. Check that the pump turns smoothly by turning the pulley by hand.