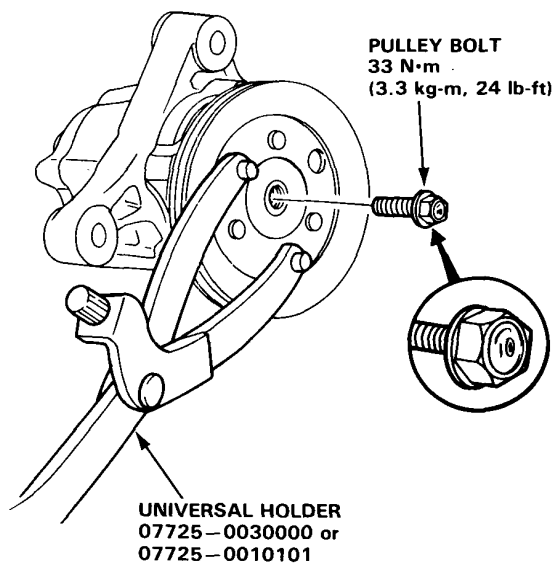


Pump

Pulley Replacement

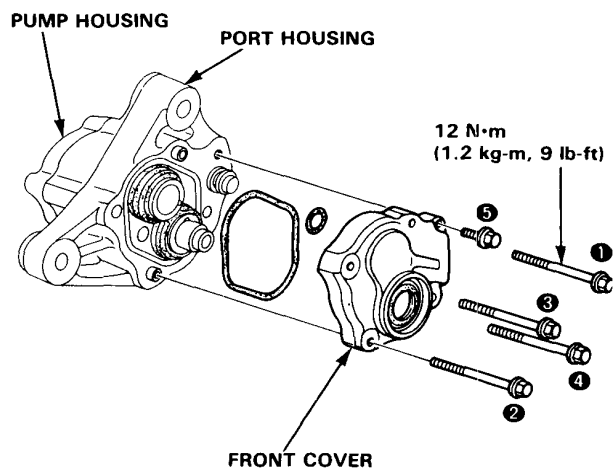
1. Hold the pulley with the universal holder, and remove the pulley bolt, then remove the pulley.

CAUTION: Pulley bolt has left hand threads.

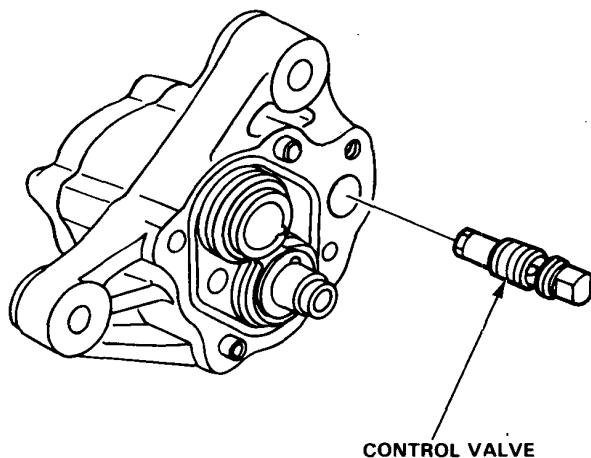


Control Valve Inspection and Replacement

1. Remove the five 6 mm bolts in the order shown, then separate the pump front cover, pump housing and port housing.

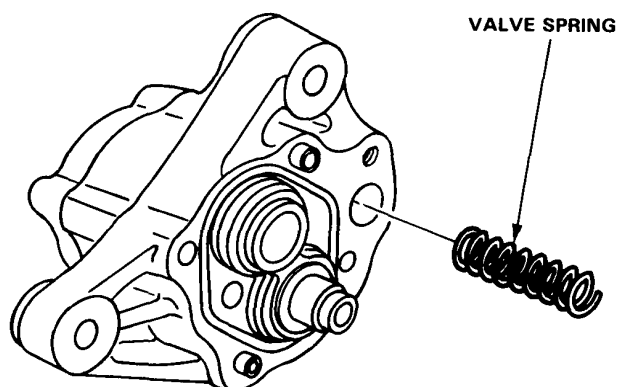


2. Remove the control valve from the pump housing.

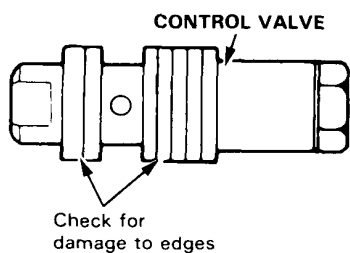




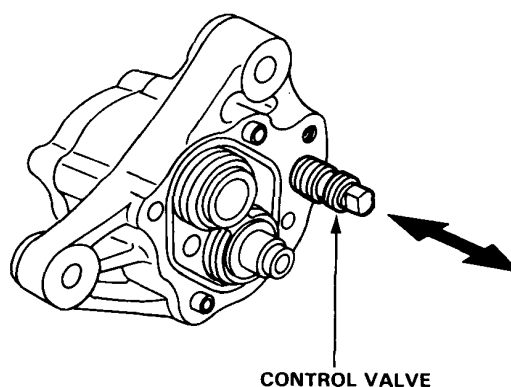
4. Remove the valve spring from the pump housing.



5. Check for wear, burrs, and other damage to the edges of the grooves in the valve.

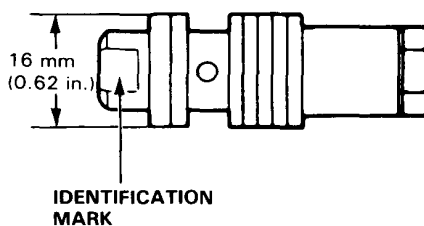


6. Slip the valve back in the pump and check that it moves in and out smoothly.



If OK, go on to step 7, if not, replace the valve:

NOTE: The original valve was selected for a precise fit in the pump housing bore, so make sure the new one has the same identification mark.



Mark	Part Number	Part Name	Outside Diameter
			mm(in)
A	56350-PC1-010	CONTROL VALVE A	15.995 – 16.000 (0.6297 – 0.6299)
Without mark	56360-PC1-010	CONTROL VALVE B	16.000 – 16.006 (0.6299 – 0.6302)

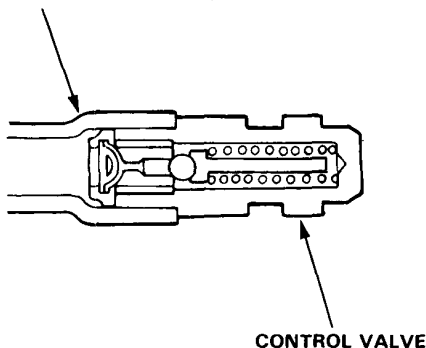
(cont'd)

Pump

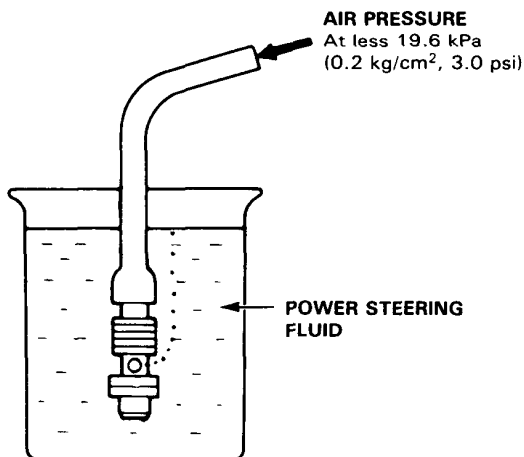
Control Valve Inspection and Replacement (cont'd)

7. Attach a hose to the end of the valve as shown.

HOSE
9.5 mm ID (0.374 in)
(The power steering
return hose is recommended)

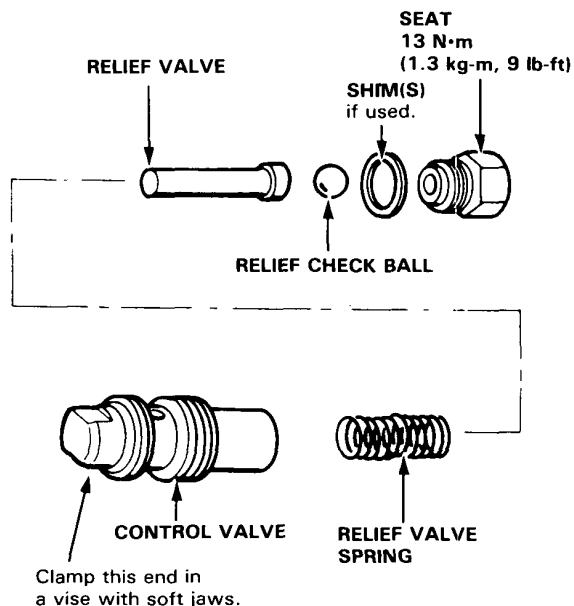


8. Then submerge the valve in a container of power steering fluid or, and blow on the hose. If air bubbles leak through the valve, replace or repair it as follows.



9. Clamp the bottom end of the valve in a vise with soft jaws.

10. Unscrew the seat in the top end of the valve, and remove any shims, the relief check ball, relief valve and relief valve spring.



11. Clean all the parts in solvent, dry them off, then re-assemble and re-test the valve.

NOTE: If necessary, relief pressure is adjusted at the factory by adding shims under the check ball seat. If you found shims in your valve, be sure you reinstall as many as you took out.

12. Install the control valve in the reverse order of removal.

- Apply steering grease (P/N 08740-99969) to new O-rings.
- Coat the control valve with power steering fluid then install it and its spring.