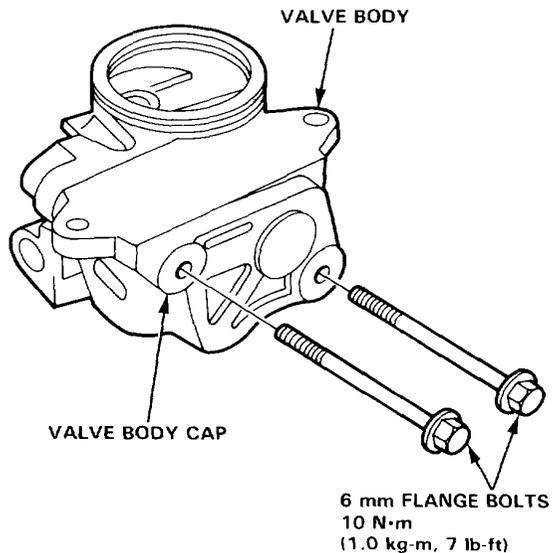


Steering Gearbox

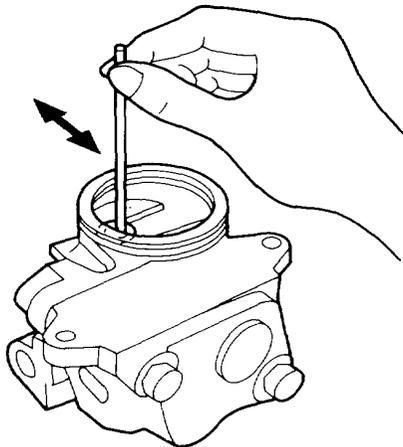
Valve Body Unit Overhaul (cont'd)

4. Install and tighten the 6 mm flange bolts in the control valve body unit.

CAUTION: Make sure the mating surface of the valve body and cap are flush at the upper side.

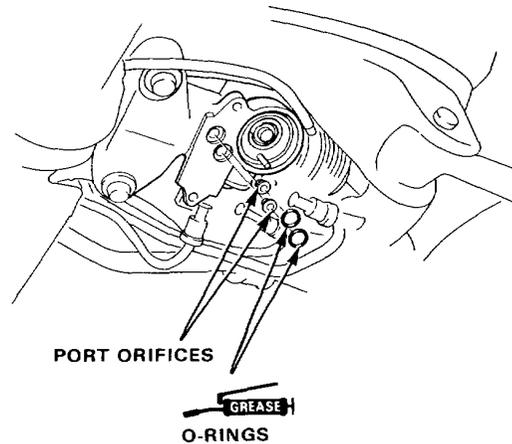


5. Make sure the control valve moves smoothly, and returns to neutral position.



Installation:

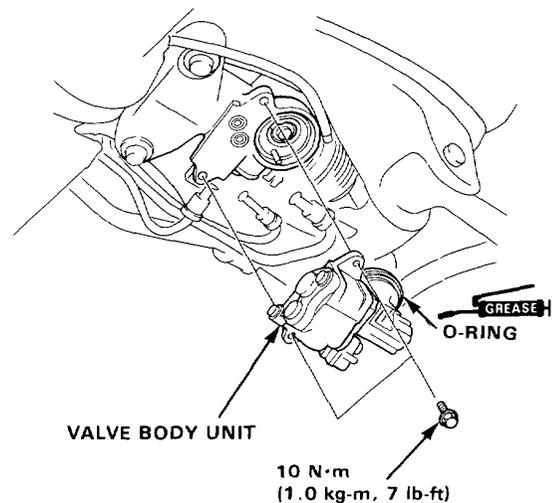
6. Coat the 9.8×1.9 mm O-rings with grease, and install them together with the orifices.



7. Install the O-ring to the valve body unit, then install the valve body unit on the gear housing with the two 6 mm bolt.

CAUTION:

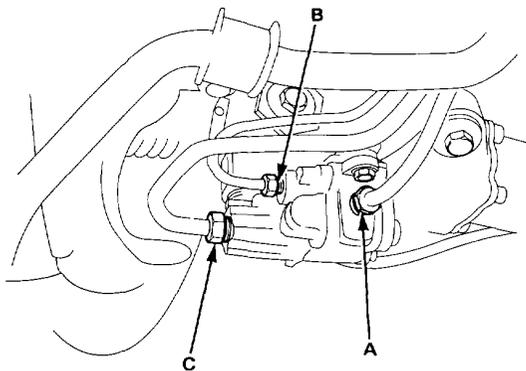
- When installing, be careful not to hit the pinion holder pin.
- Make sure the O-rings are in place and not pinched.



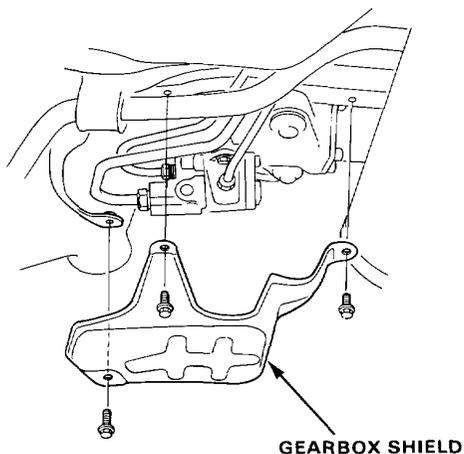


8. Connect the four lines to the control unit, using flare nut wrenches.

- A: From pump: 14 mm wrench
38 N·m (3.8 kg-m, 28 lb-ft)
- B: To reservoir: 12 mm wrench
13 N·m (1.3 kg-m, 9 lb-ft)
- C: To oil cooler: 17 mm wrench
29 N·m (2.9 kg-m, 20 lb-ft)



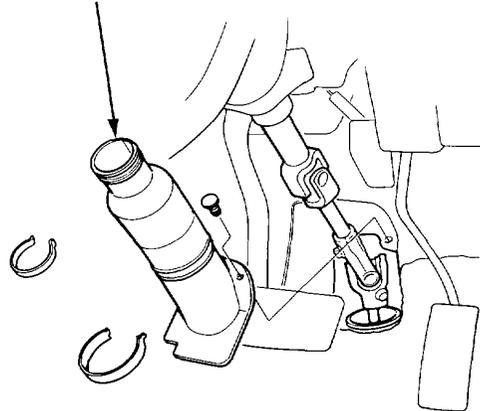
9. Fill the reservoir with power steering fluid and bleed air from the system by turning the steering wheel from lock to lock several times with the engine warm.
10. Make sure there are no fluid leaks, then install the shield.
11. Recheck the fluid level in the reservoir (page 11-27).



Steering Rack Removal

1. Remove the steering joint cover, and disconnect the steering shaft from the gearbox.

STEERING JOINT COVER



2. Drain the power steering fluid as described on page 11-27.
3. Remove the gearbox shield.
4. Using solvent and a brush, wash any oil and dirt off the control unit, its lines, and that end of the gearbox. Blow dry with compressed air.
5. Raise the front of car and support on safety stands in the proper locations.
6. Remove the front wheels.
7. Disconnect the tie rods from the steering knuckles using the special tool shown.

