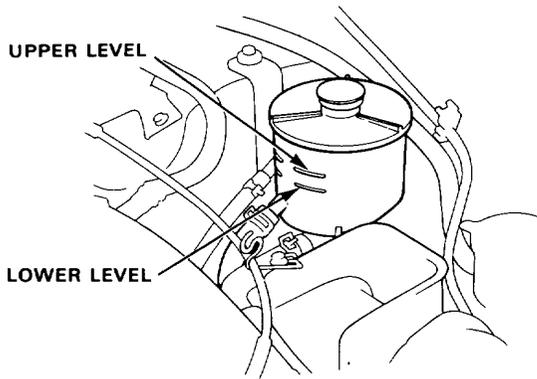




## Fluid Replacement

Check the reservoir at regular intervals, and add fluid as necessary.

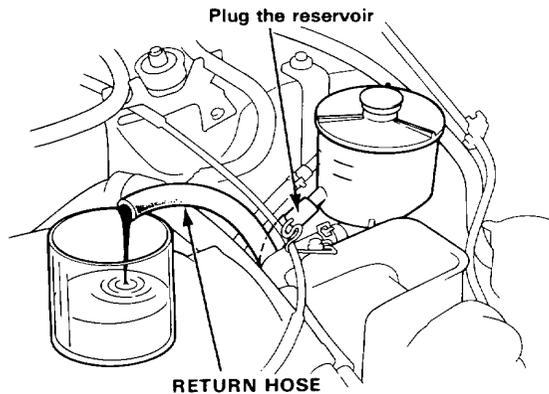
**CAUTION:** Use only **GENUINE HONDA Power Steering Fluid**. Using other fluids such as ATF or other manufacturer's power steering fluid will damage the system.



### Fluid Replacement

**CAPACITY: 1.2 liter (1.3 U.S. pt) at change**

1. Disconnect the return hose from the gearbox at the reservoir, and put the end in a suitable container.
2. Start the engine, let it run at idle, and turn the steering wheel from lock-to-lock several times. When fluid stops running out of the hose, shut off the engine. Discard the fluid.



3. Re-fit the return hose on the reservoir.
4. Fill the reservoir to the upper level mark.
5. Start the engine and run it at fast idle, then turn the steering from lock-to-lock several times to bleed air from the system.
6. Recheck the fluid level and add some if necessary.

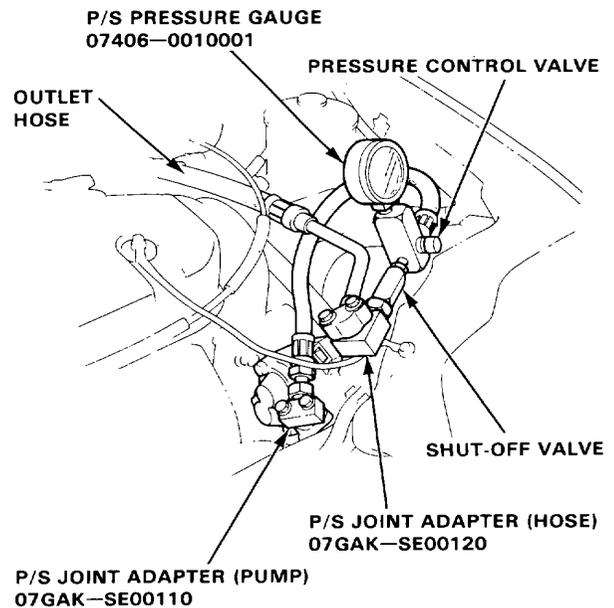
**CAUTION:** Do not fill the reservoir beyond the upper level mark.

## Pump Pressure Check

Check the fluid pressure as follows to determine whether the trouble is in the pump or gearbox.

**NOTE:** First check the power steering fluid level and pump belt tension.

1. Disconnect the outlet hose from the pump outlet fitting, and install the pump joint adaptor on the outlet.
2. Install the hose joint adaptor to the outlet hose.
3. Install the power steering pressure gauge between the pump and hose joint adaptors as shown.



4. Open the shut-off valve fully.
5. Open the pressure control valve fully.

(cont'd)

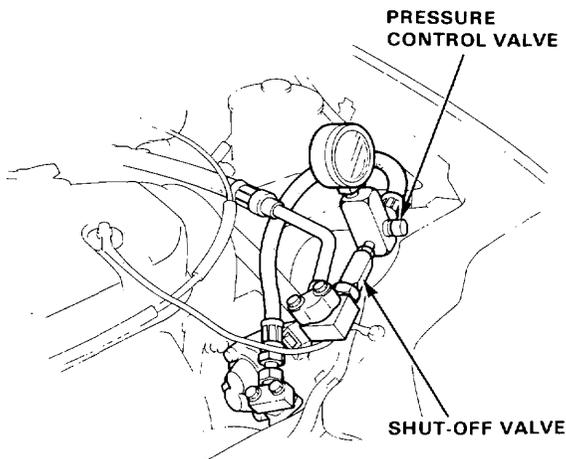
# On-Car Checks

## Pump Pressure Check (cont'd)

6. Start the engine and let it idle.
7. Turn the steering wheel from lock-to-lock several times to warm the fluid to operating temperature.
8. Close the shut-off valve, then, close the pressure control valve gradually until the pressure gauge needle is stable. Read the pressure.
9. Immediately open the shut-off valve fully.

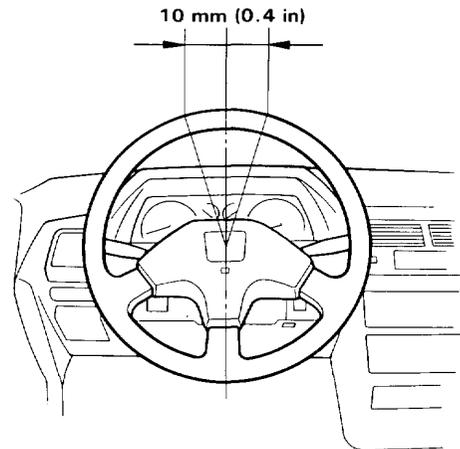
**CAUTION:** Do not keep the shut-off valve closed more than 5 seconds or the pump could be damaged by over-heating.

If the pump is in good condition, the gauge should read at least 7845—8826 kPa (80—90 kg/cm<sup>2</sup>, 1138—1280 psi). A low reading means pump output is too low for full assist. Repair or replace the pump.



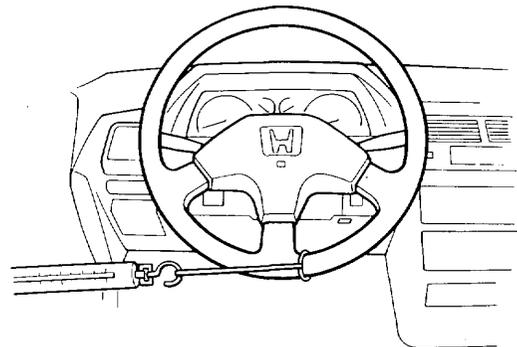
## Steering Wheel Rotational Play

1. Place the front wheels in a straight ahead position and measure the distance the steering wheel can be turned without moving the front wheels.
2. If the play exceeds the service limit, check all steering components.



## Power Assist Check with Car Parked

1. Check the power steering fluid level and pump belt tension.
2. Start the engine, allow it to idle, and turn the steering wheel from lock-to-lock several times to warm up the fluid.
3. Attach a spring scale to the steering wheel. With the engine idling and the car on a clean, dry floor, pull the scale as shown and read it as soon as the tires begin to turn.



4. The scale should read no more than 18 N (1.8 kg, 4 lb). If it reads more or less, check the gearbox and pump.