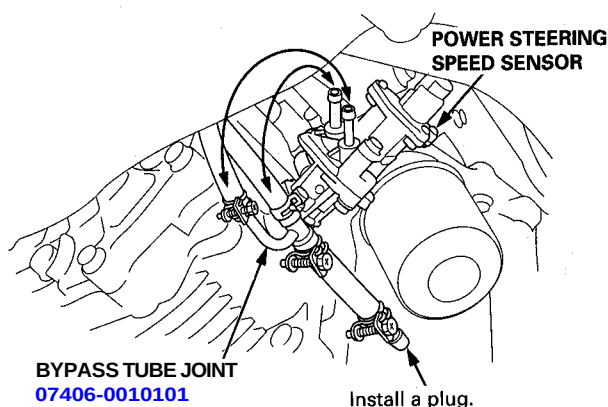




Assist Check at Road Speed

Assist (excessively light steering) at high speed:

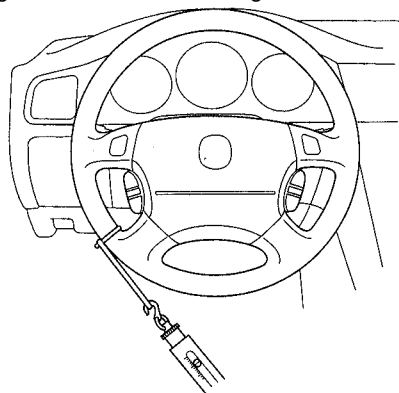
1. Check the power steering fluid level (see page 17-16), and pump belt tension (see page 17-15).
2. Start the engine, allow it to idle, and turn the steering wheel from lock-to-lock several times to warm up the fluid.
3. Stop the engine. To simulate speeds above 62 mph (100 km/h), disconnect the hoses from the power steering speed sensor, and connect them to the bypass tube joint. Plug the end of the bypass tube joint.



BYPASS TUBE JOINT
07406-0010101
 (Included with
07406-0010001)

Install a plug.

4. Attach a spring scale to the steering wheel. Start the engine; with the engine idling and the vehicle on a clean, dry floor, pull the scale as shown. Rotate the steering wheel more than 90 degrees by pulling the spring scale. Read the figure on the spring scale while the steering wheel is in motion.



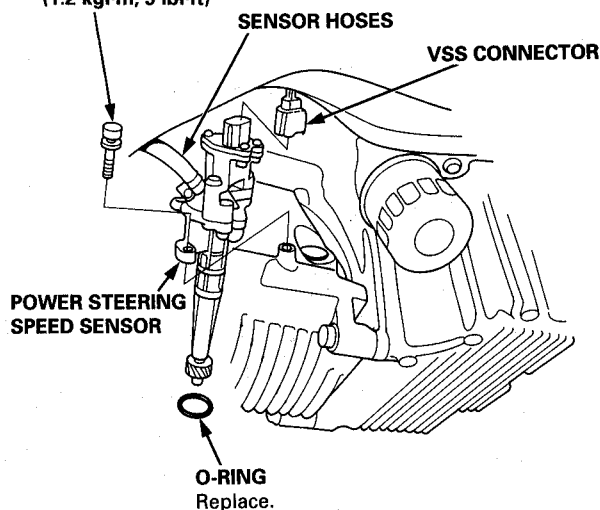
- If the scale reads more than 25 N (2.6 kgf, 5.7 lbf), the valve body unit is OK. The power steering speed sensor abnormal. Replace the sensor, and check by roadtesting.
- If the reading is now 25 N (2.6 kgf, 5.7 lbf) or less, problem is in the valve body unit or pump (see General Troubleshooting).

Power Steering Speed Sensor Replacement

1. Disconnect the VSS connector from the power steering speed sensor.
2. Remove the sensor mounting bolt, then remove the power steering speed sensor from the differential housing.
3. Disconnect the sensor inlet and outlet hoses, and plug the hose fittings.

SENSOR MOUNTING BOLT

6 x 1.0 mm
 12 N·m
 (1.2 kgf·m, 9 lbf·ft)



4. Installation is the reverse of the removal procedure.
5. After installing a new sensor, turn the steering wheel lock-to-lock with the engine idling to bleed air from the system.
6. Check the reservoir, and add fluid if necessary.