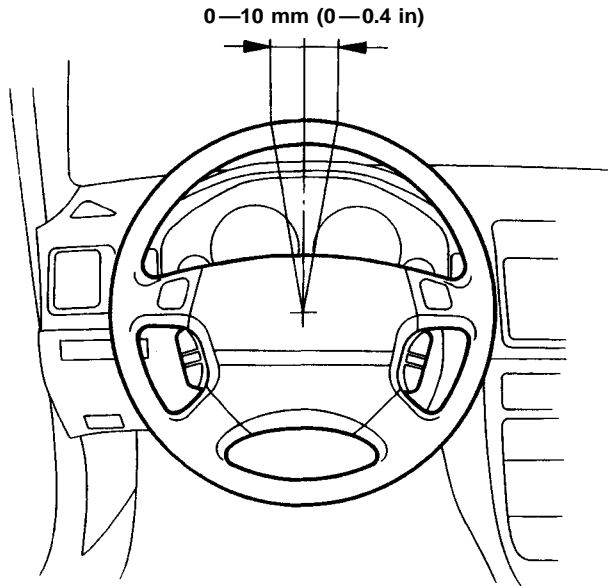


On-Car Checks

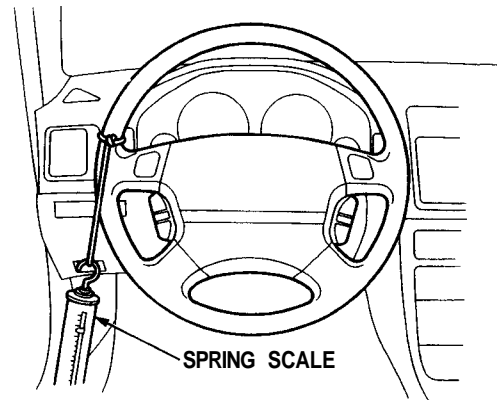
Steering Wheel Rotational Play

1. Place the front wheels in the 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.

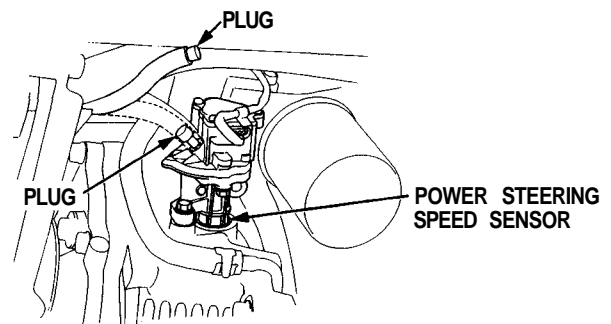


Power Assist Check with Car Parked

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 30 N (3.0 kg, 6.6 lbs). If it reads more, go on step 5.
5. Stop the engine. Disconnect the hose from the power steering speed sensor and plug the hose and the sensor fitting as shown.



6. Start the engine and let it idle.
 - If the reading is now 30 N (3.0 kg, 6.6 lbs) or less, replace the power steering speed sensor, see page [17-21](#).
 - If the reading is still more than 30 N (3.0 kg, 6.6 lbs), check the gearbox and pump.