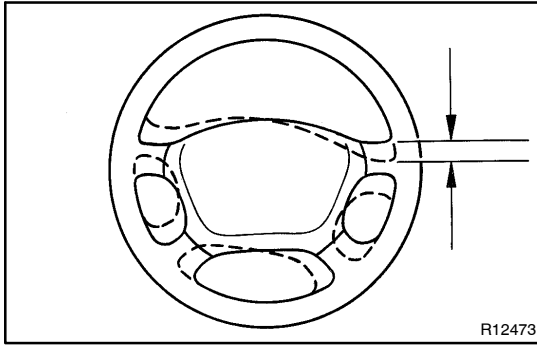




STEERING WHEEL INSPECTION

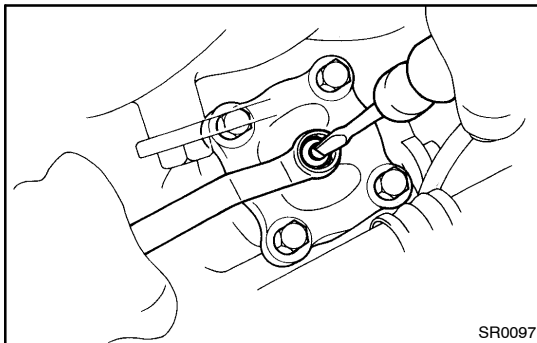
SR168-01

1. CHECK STEERING WHEEL FREEPLAY

- (a) With the vehicle stopped and tires pointed straight ahead, rock the steering wheel gently back and forth with light finger pressure.
- (b) Freeplay should not exceed the maximum.

Maximum freeplay: 40 mm (1.58 in.)

If the freeplay exceeds the maximum, adjust it in the following procedure.



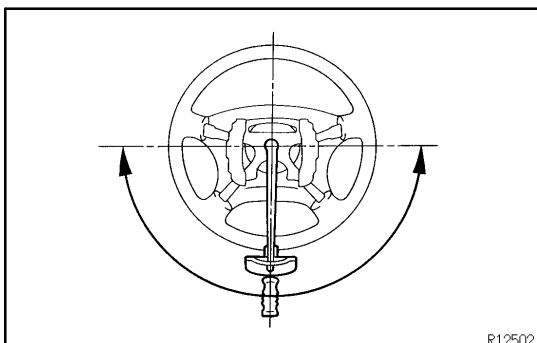
2. ADJUST STEERING GEAR

- (a) Point the front wheels straight ahead.
- (b) Loosen the adjusting screw lock nut.
- (c) Turn the cross shaft adjusting screw clockwise to decrease steering wheel freeplay and counterclockwise to increase it.

HINT:

Turn the adjusting screw in small increments and check the freeplay between each adjustment.

- (d) Turn the steering wheel half way around in both directions.
- (e) Check that the freeplay is correct and steering is smooth and without rough spots.
- (f) Torque the adjusting screw lock nut (See page [SR-41](#)).



3. CHECK STEERING EFFORT

- (a) Center the steering wheel.
- (b) Remove the steering wheel pad (See page [SR-11](#)).
- (c) Start the engine and run it at idle.
- (d) Measure the steering effort in both directions.

Reference:

8.3 N·m (85 kgf·cm, 73 in·lbf)

HINT:

Be sure to consider the tire type, pressure and contact surface before making your diagnosis.

- (e) Torque the steering wheel set nut.

Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)

- (f) Install the steering wheel pad (See page [SR-19](#)).