

ON-VEHICLE INSPECTION

1. CHECK STEERING EFFORT (TORQUE)

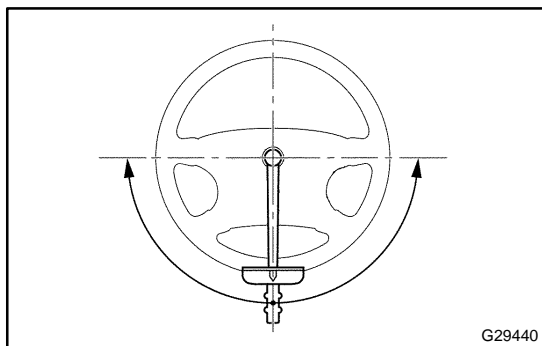
NOTICE:

Some service operations affect the SRS airbag. Be sure to read the precautionary notice for the SRS airbag before servicing.

- (a) Stop the vehicle on a level, paved road and align the wheels straight ahead.
- (b) Disconnect the negative (-) battery terminal (see page 60-1).
- (c) Remove the horn button assy (see page 60-20).
- (d) Connect the negative (-) battery terminal.
- (e) Using a torque wrench, check if the steering wheel set nut is properly tightened.

Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)

- (f) Turn the power switch on (IG) (the engine and the hybrid system are stopped) so that power steering is ready to operate.



- (g) Turn the steering wheel 90 degrees to the right and check steering effort (torque) while turning. Check in the opposite direction using the same manner.

Steering effort (Reference):

5.5 N·m (56 kgf·cm, 49 in·lbf)

- (h) Align the front wheels straight ahead.
- (i) Disconnect the negative (-) battery terminal (see page 60-1).
- (j) Install the horn button assy (see page 60-20).
- (k) Connect the negative (-) battery terminal.
- (l) Clear the DTCs (see page 05-1402).
- (m) Perform initialization (see page 01-28).
- (n) Inspect the airbag warning light (see page 05-1397).

2. CHECK STEERING WHEEL FREEPLAY

- (a) Turn the power switch on (IG) so that power steering is ready to operate.
- (b) Align the wheels straight ahead.
- (c) Gently turn the steering wheel right and left with your finger and check steering wheel freeplay.

Maximum freeplay: 30 mm (1.18 in.)

If the freeplay is out of specifications, replace the sliding yoke sub-assy or the steering gear assy with a new one.