

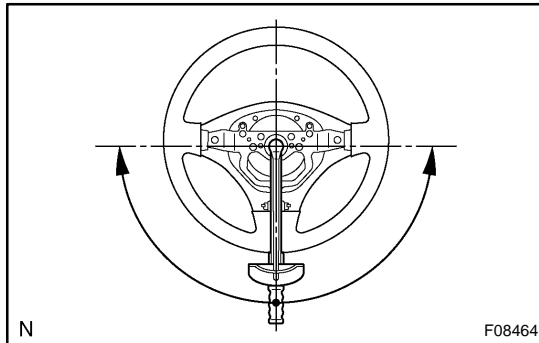
## STEERING WHEEL INSPECTION

SR05R-18

### 1. CHECK STEERING WHEEL FREEPLAY

- Stop the vehicle and face the tires straight ahead.
- Rock the steering wheel gently up and down with a finger lightly, check the steering wheel freeplay.

**Maximum freeplay: 30 mm (1.18 in.)**



### 2. CHECK STEERING EFFORT

- Center the steering wheel.
- Remove the steering wheel pad (See page [SR-13](#)).
- Start the engine and run it at idle.
- Measure the steering effort in both directions.

**Steering effort (Reference):**

**Manual steering: 28 N·m (285 kgf·cm, 21 ft·lbf)**

**Power steering: 6.5 N·m (65 kgf·cm, 58 in.-lbf)**

#### HINT:

Take the tire type, pressure and contact surface into consideration before making your diagnosis.

- Torque the steering wheel set nut.
- Install the steering wheel pad (See page [SR-20](#)).

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