



## INITIALIZATION

### 1. STEERING ANGLE SENSOR INITIALIZATION

- (a) Turn the ignition switch to the "ON" position and check that the VGRS and VSC/TRAC warning lights illuminate for a few seconds.

#### NOTICE:

**If the warning lights remain on or blink, repair the applicable system.**

- (b) Drive the vehicle on a straight road at 35 km/h (22 mph) or more for 5 seconds or longer. At this point, the steering wheel will still remain off-center by 5 to 10 degrees.

#### HINT:

In this step, the neutral position of the steering wheel is restored from the VGRS ECU memory.

- (c) After performing normal cornering 2 to 3 times, the steering wheel position is automatically corrected.

#### NOTICE:

**If the steering wheel remains off-center after the above procedure, repair the applicable system.**

- (d) Confirm the steering angle sensor initialization is completed.

#### WHEN USING HAND-HELD TESTER:

Use this procedure to center the steering wheel when the STRAIGHT ANG FLG from the VGRS DATA LIST reads VALID.

#### WHEN NOT USING HAND-HELD TESTER:

- (1) Drive the vehicle on a road at 60 km/h (37 mph) or more for 30 seconds or longer.

#### HINT:

At this time, if steering angle initialization is not completed, VGRS system is stopped.

- (2) Stop the vehicle. (Engine running)
- (3) Slowly turn the steering wheel from lock to lock.

#### HINT:

2 seconds or more for 1 turn.

- (4) If it rotates approximately 2.4 turns, the steering angle sensor initialization is completed. If it rotates approximately 3.5 turns, the steering angle sensor initialization is not completed.