

Steering wheel off-center

INSPECTION PROCEDURE

- 1 Check that there are no DTCs in VGRS, VSC and ABS.

A: No code is present

B: Code is present

B

Repair DTCs.

A

- 2 Perform the steering angle sensor initialization ([See page DI-99](#)).

Is the steering wheel centered?

YES

END

NO

- 3 Check the vehicle pull.

YES

Vehicle pulling diagnosis.

NO

- 4 Are the tires all the specified size?

NO

Install specified size tires.

YES

5 Check the air pressure of the tires.

NG

Adjust air pressure of the tires to the specified pressure.

OK

6 Check the wheel alignment.

Is the wheel alignment correct?

NO

Perform wheel alignment adjustment.

YES

7 Perform the VGRS system calibration ([See page DI-100](#)).

(a) Is the steering off center?

NO

END

YES

8 Perform the actuator angle initialization ([See page DI-100](#)).

(a) Is the steering off center?

NO

END

YES

9 Adjust the tie rod-end.

NEXT

10**Perform the actuator angle adjustment ([See page DI-100](#)).****NEXT****END**