

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-803](#)).

Is the steering wheel centered?

YES

END

NO

- 3 Check the vehicle pull.

YES

Vehicle pulling diagnosis (See page [SA-2](#)).

NO

- 4 Are the tires all the specified size?

NO

Install specified size tires.

YES

5 Check the air pressure of the tires (See page [SA-3](#)).

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
(See page [SA-5](#)).

YES

7 Perform the VGRS system calibration (See page [DI-804](#)).

(a) Is the steering off center?

NO

END

YES

8 Perform the actuator angle initialization (See page [DI-804](#)).

(a) Is the steering off center?

NO

END

YES

9 Adjust the tie rod-end (See page [SR-10](#)).

NEXT

10	Perform the actuator angle adjustment (See page DI-804).
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NEXT

END