

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-356).
---	---

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-357).

(a) Is the steering off center?

NO

END

YES

8 Perform the actuator angle initialization (See page DI-357).

(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-357).
----	--

NEXT

END