

DIAGNOSTIC TROUBLE CODE CHART

HINT:

If a malfunction code is displayed during the DTC check, check the circuit indicated by the DTC. For details of each code, turn to the page for the respective "DTC No." in the DTC chart.

DTC chart of VGRS system:

DTC No. (See Page)	Detection Item	Trouble Area
C1511/11 (DI-371)	Steering angle sensor malfunction	• Steering angle sensor • Steering angle sensor circuit • VGRS ECU • Skid control ECU
C1515/15 (DI-380)	VGRS actuator neutral position is not initialized	• VGRS actuator • VGRS ECU
C1516/16 (DI-381)	VGRS actuator neutral position incomplete	• VGRS actuator • VGRS ECU
C1521/21 (DI-383)	VGRS actuator malfunction	• VGRS actuator • VGRS ECU
C1522/22 (DI-385)		
C1527/27 (DI-387)		
C1528/28 (DI-387)		
C1531/31 (DI-390)	VGRS ECU malfunction	• VGRS ECU
C1532/32 (DI-391)		
C1533/33 (DI-392)		
C1541/41 (DI-394)	Vehicle skid control system malfunction	• VSC system • VGRS ECU • Skid control ECU
C1549/49 (DI-397)	Vehicle skid control system communication malfunction	• Wire harness and connector • VGRS ECU • Skid control ECU
C1551/51 (DI-401)	IG power source voltage malfunction	• ECU-IG fuse • IG circuit • Charging system • VGRS ECU
C1552/52 (DI-403)	DC motor power source voltage	• VGRS fuse • Power source circuit • VGRS ECU
C1554/54 (DI-405)	Power source relay failure	• VGRS fuse • VGRS ECU
C1555/55 (DI-407)	Predriver malfunction	• Power source circuit • VGRS ECU
C1561/61 (DI-409)	Lock mechanism malfunction	• VGRS actuator • VGRS ECU
C1567/67 (DI-411)	Lock mechanism insertion malfunction	• VGRS actuator • VGRS ECU

DIAGNOSTICS – VARIABLE GEAR RATIO STEERING

C1568/68 (DI-413)	Lock holder deviation detection	• VGRS actuator
C1569/69 (DI-415)	Lock mechanism release incomplete	• VGRS actuator