DTC	P1578	Brake System Malfunction

DESCRIPTION

This DTC is output when the VSC system has a problem. Check the VSC system when this DTC is output.

DTC No.	DTC Detection Condition	Trouble Area
P1578	The ECM receives a brake system error signal for 0.2 sec. or more while the dynamic laser cruise control is in operation	VSC system

INSPECTION PROCEDURE

HINT:
This circuit uses CAN communication. Therefore, if there are any malfunctions in the communication circuit, one or more DTCs in the CAN communication system are output.

1	CHECK BRAKE CONTROL SYSTEM

Refer to HOW TO PROCEED WITH TROUBLESHOOTING (See page BC-68).

NEXT

END

DTC	P1615	Communication Error from Distance Control ECU to ECM

DTC	U1101	Lost Communication with Distance Control ECU

DESCRIPTION

The distance control ECU receives information about the area in front of the vehicle from the laser sensor and then sends a brake control demand signal (deceleration demand) and diagnosis signals, such as laser sensor grime signals or laser sensor malfunction signals, to the ECM.

DTC No.	DTC Detection Condition	Trouble Area
P1615	While the dynamic laser cruise control is either preparing for operation or operating, if communication data from the distance control ECU is logically inconsistent for a certain amount of time, the ECM records this logical error code	• Communication circuit • Distance control ECU • ECM
U1101	While the dynamic laser cruise control is either preparing for operation or operating, if communication data from the distance control ECU is invalid for a certain amount of time, the ECM records this communication cut off code	• Communication circuit • Distance control ECU • ECM

CC

INSPECTION PROCEDURE

HINT:

This circuit uses CAN communication. Therefore, if there are any malfunctions in the communication circuit, one or more DTCs in the CAN communication system are output.

1	CHECK CAN COMMUNICATION SYSTEM

Refer to HOW TO PROCEED WITH TROUBLESHOOTING (See page CA-7).

NEXT

END