DTC	P1631	COMMUNICATION ERROR FROM ECM TO VSC

DTC	U0100	COMMUNICATION STOP FROM ECM TO DISTANCE CONTROL ECU, VSC

CIRCUIT DESCRIPTION

The ECM sends signals such as A/T information signal, dynamic laser cruise control operation signal, brake operation demand signal, buzzer operation demand signal and low speed mode signal, etc. to the skid control ECU when the dynamic laser cruise control is in operation.

The ECM is the only component that has a function to record and output the DTCs in the dynamic laser cruise control system. Therefore if the skid control ECU detects a communication error from the ECM, it sends the malfunction signal back to the ECM.

DTC No.	DTC Detecting Condition	Trouble Area
P1631	While the dynamic laser cruise control is either preparing for operation or operating, if the ECM continuously receives the logical error signal from the skid control ECU for a certain amount of time, the ECM records the logical error code.	• Communication circuit • ECM • ABS & traction actuator assy (Skid control ECU)
U0100	While the dynamic laser cruise control is either preparing for operation or operating, if the ECM continuously receives a communication cut off signal from the skid control ECU for a certain amount of time, the ECM records the communication cut off code.	• Communication circuit • ECM • ABS & traction actuator assy (Skid control ECU)

INSPECTION PROCEDURE

HINT:

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

1	GO TO CAN COMMUNICATION SYSTEM (SEE PAGE 05–3306)