

DTC	P1631	COMMUNICATION ERROR FROM ECM TO VSC
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DTC	U0100	LOST COMMUNICATION WITH ECM/PCM "A"
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CIRCUIT DESCRIPTION

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

The ECM is the only component that has a function to record and output the DTCs in the dynamic radar 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 Detection Condition	Trouble Area
P1631	While dynamic radar cruise control is either preparing for operation or operating, ECM continuously receives logical error signal from skid control ECU for certain amount of time	<ul style="list-style-type: none"> • Communication circuit • ECM • ABS & traction actuator assy (Skid control ECU)
U0100	While dynamic radar cruise control is either preparing for operation or operating, ECM continuously receives communication cut off signal from skid control ECU for certain amount of time	<ul style="list-style-type: none"> • Communication circuit • ECM • ABS & traction actuator assy (Skid control ECU)

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 will be output.

Go to CAN COMMUNICATION SYSTEM (See Pub. No. RM1049E, page 05-3306)