DTC	B2059	VEHICLE SPEED MALFUNCTION OF DISTANCE CONTROL ECU

CIRCUIT DESCRIPTION

The ABS & traction actuator (skid control ECU) uses the combination meter to send vehicle speed information to the ECM. The ECM and the ABS & traction actuator use CAN communication to send vehicle speed information to the seat belt control ECU.

This DTC is output when the difference between the vehicle speed information from the ECM and the ABS & traction actuator is more than the specified value.

DTC No.	DTC Detection Condition	Trouble Area
B2059	Difference between vehicle speed information from ECM and ABS & traction actuator is more than specified value	• Combination meter assy • ECM • Cruise control ECU assy (Distance control ECU) • ABS & traction actuator assy (Skid control ECU) • Seat belt control ECU

INSPECTION PROCEDURE

1	READ DATA LIST (VEHICLE SPEED SIGNAL)

(a) Operate the intelligent tester II according to the steps on the display and select the Data List.
Combination meter assy:

Item	Measurement Item/ Range (Display)	Normal Condition	Diagnostic Note
Vehicle speed	Vehicle speed / Min.: 0 km/h (0 mph), Max.: 255 km/h (158 mph)	Difference between actual vehicle speed and tester vehicle speed is minimal	–

OK: Difference between actual vehicle speed and tester vehicle speed is minimal.

NG >	GO TO COMBINATION METER SYSTEM (See Pub. No. RM1049E, page 05–2179)

OK ▽

2	CHECK DTC (MALFUNCTION IN CAN COMMUNICATION WITH ECM)

(a) Check that DTC U0100 is not output.
OK: DTC U0100 is not output.

NG >	REPLACE ECM (See Pub. No. RM1049E, page 10–21)

OK ▽

3	CHECK DTC (MALFUNCTION IN CAN COMMUNICATION WITH CRUISE CONTROL ECU ASSY (DISTANCE CONTROL ECU))

(a) Check that DTC U0100, U0122 or U1101 is not output.
OK: DTC U0100, U0122 or U1101 is not output.

NG > **REPLACE CRUISE CONTROL ECU ASSY (See Pub. No. RM1049E, page 82–2)**

OK

4	CHECK DTC (MALFUNCTION IN CAN COMMUNICATION WITH ABS & TRACTION CONTROL ACTUATOR ASSY (SKID CONTROL ECU))

(a) Check that DTC U0073, U0122 or U0126 is not output.
OK: DTC U0073, U0122 or U0126 is not output.

NG > **REPLACE ABS & TRACTION ACTUATOR ASSY (See Pub. No. RM1049E, page 32–53)**

OK

REPLACE SEAT BELT CONTROL ECU (See page 61–1)