DTC	C1243/43	MALFUNCTION IN DECELERATION SENSOR

DTC	C1245/45	MALFUNCTION IN DECELERATION SENSOR

CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1243/43	While vehicle speed gets to 0 mph (0 km/h) from 30 km/h (18 mph), and the condition that GL1 and GL2 signals of ECU terminals did not change 2 LSB or more continued in a sequence 16 times.	• Deceleration sensor • Wire harness for deceleration sensor system
C1245/45	At the vehicle speed of 18 mph (30 km/h) or more, and the condition that the difference between acceleration and deceleration values of computation from deceleration sensor and vehicle speed becomes more than 0.35 G continues for 60 sec. or more.	

INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 in case of using the hand–held tester and start from step 2 in case of not using the hand–held tester.

1	READ VALUE OF HAND–HELD TESTER(DECELERATION SENSOR OUTPUT VALUE)

(a) Select the DATALIST mode on the hand–held tester.

(b) Check that the deceleration value of the deceleration sensor displayed by the hand–held tester is changing when tilting the vehicle.

Standard:

Deceleration value must be changing.

OK → **Go to step 3**

NG

2	CHECK HARNESS AND CONNECTOR(DECELERATION SENSOR – SKID CONTROL ECU) (SEE PAGE 01–33)

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

3	INSPECT DECELERATION SENSOR (SEE PAGE 05–156)

NG → **REPLACE DECELERATION SENSOR**

OK

REPLACE SKID CONTROL ECU ASSY (SEE PAGE 32–54)