DTC	C1266/66	EXHAUST RETARDER PREVENTION SIGNAL CIRCUIT

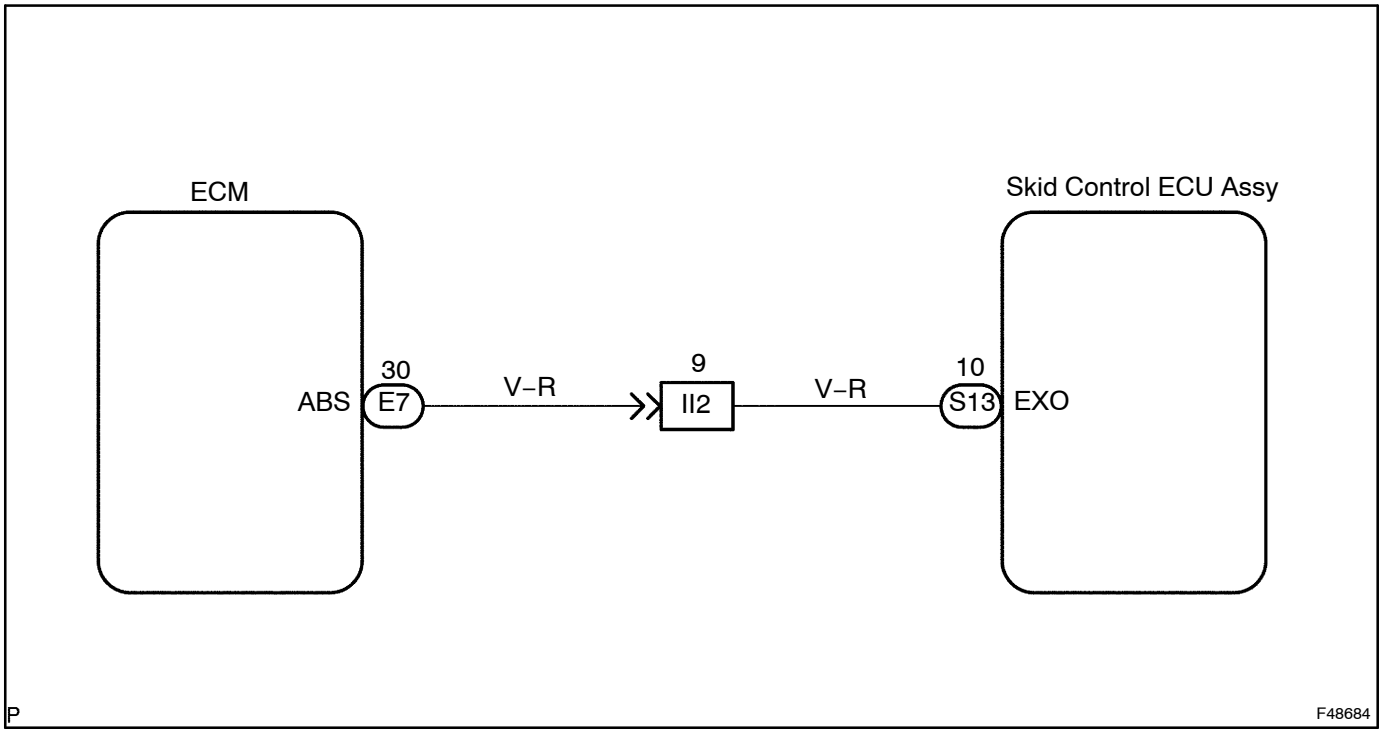
CIRCUIT DESCRIPTION

DTC No.	DTC Detection Condition	Trouble Area
C1266/66	With vehicle speed of 6 km/h (4 mph) or more, open or short circuit of signal circuit continues for 0.3 sec. or more	• EXO circuit • Skid control ECU assy • ECM

HINT:

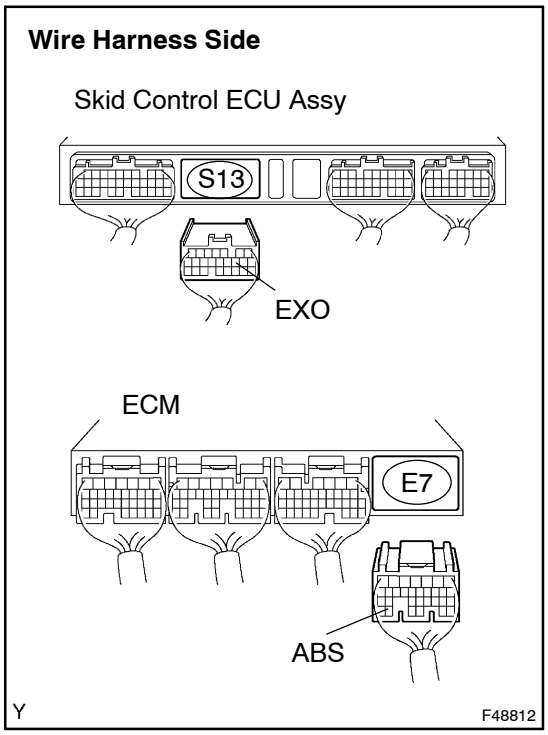
- There is a case that the hand–held tester cannot be used if the ECU is abnormal.
- Fail–safe function:
  If any trouble occurs in the EXO signal circuit, the ECU will cut off current to the ABS SOL MAIN relay and prohibit the ABS controls and BRAKE ASSIST.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (SKID CONTROL ECU ASSY – ECM)



(a) Disconnect the S13 ECU connector.
(b) Disconnect the E7 ECM connector.
(c) Measure the resistance according to the table below.

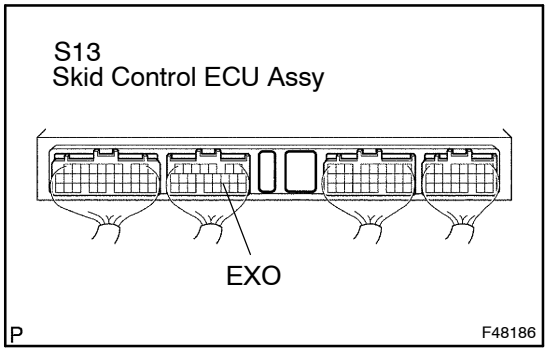
Standard:

Tester Connection	Specified Condition
E7–30 (ABS) – S13–10 (EXO)	Below 1 Ω
E7–30 (ABS) – Body ground	10 kΩ or higher

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

OK

2 CHECK SKID CONTROL ECU ASSY (EXO VOLTAGE)



(a) Remove the ECU but do not disconnect the connectors.
(b) Turn the ignition switch ON.
(c) Measure the voltage according to the table below.

Standard:

Tester Connection	Specified Condition
S13–10 (EXO) – Body ground	20 to 32 V

NG → **Go to step 4**

OK

3	RECONFIRM DTC

(a) Check the DTC (see page 05–191).

HINT:

After erasing the DTC and driving the vehicle at more than 7 km/h (4 mph), check for DTCs.

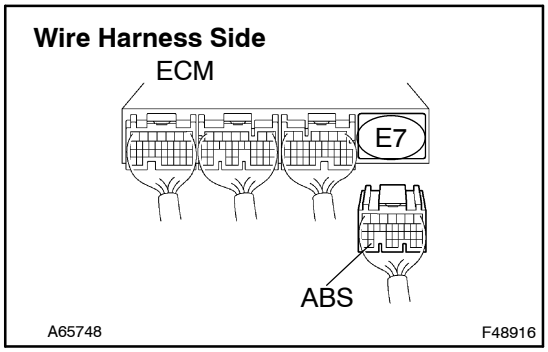
A	Malfunction Code
B	No DTC code output

B → **NO PROBLEM**

A

REPLACE SKID CONTROL ECU ASSY (See page 01–27)

4	CHECK ECM (ABS VOLTAGE)



(a) Disconnect the E7 ECM connector.

(b) Turn the ignition switch ON.

(c) Measure the voltage according to the table below.

Standard:

Tester Connection	Specified Condition
E7–30 (ABS) – Body ground	20 to 32 V

NG → **REPLACE ECM (See page 01–27)**

OK

REPLACE SKID CONTROL ECU ASSY (See page 01–27)