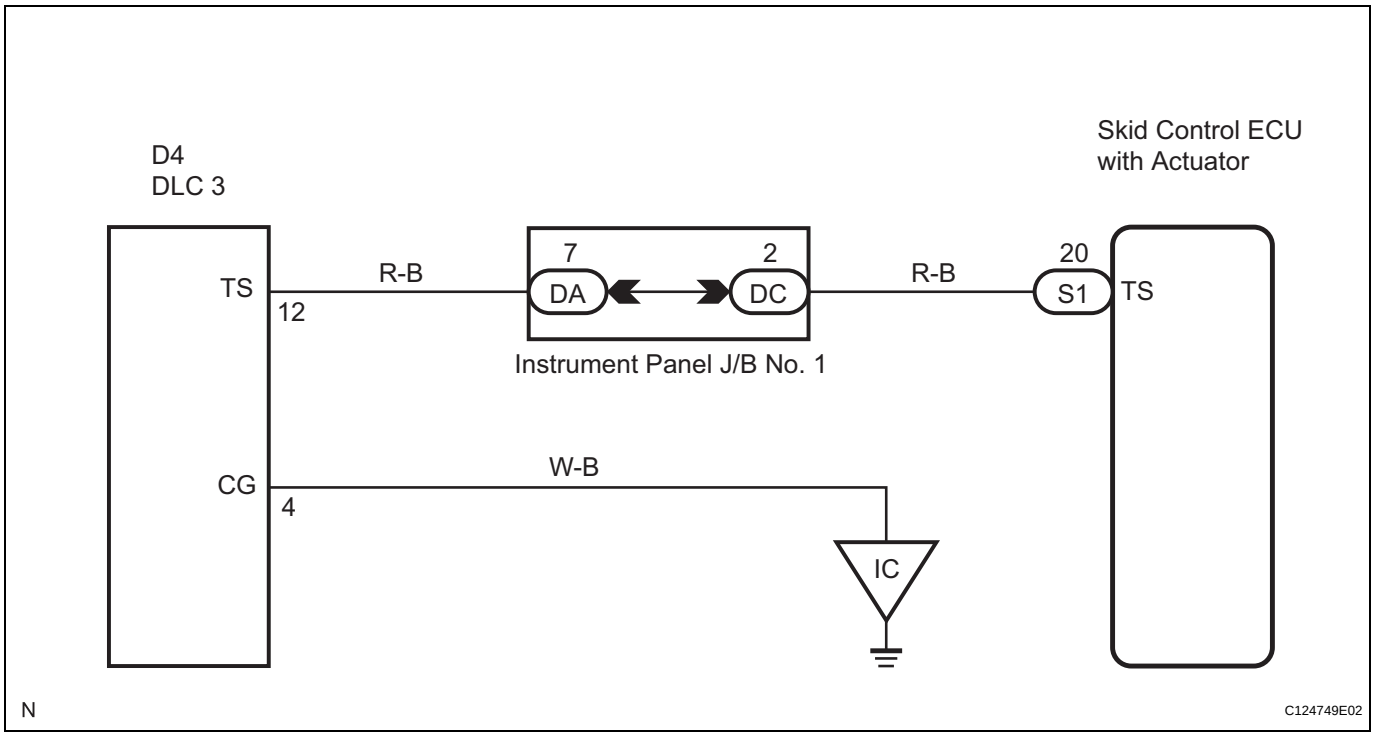
TS and CG Terminal Circuit

DESCRIPTION

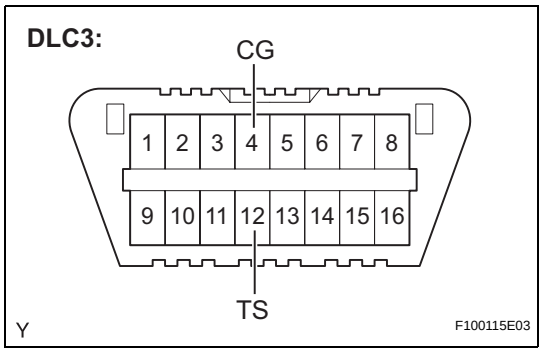
In sensor check mode, malfunctions of the speed sensor that cannot be detected when the vehicle is stopped are detected while driving.
Transition to the sensor check mode can be performed by connecting terminals TS and CG of the DLC3 and turning the ignition switch from OFF to the ON position.

WIRING DIAGRAM



BC

1	INSPECT DLC3 TERMINAL VOLTAGE (TS TERMINAL)



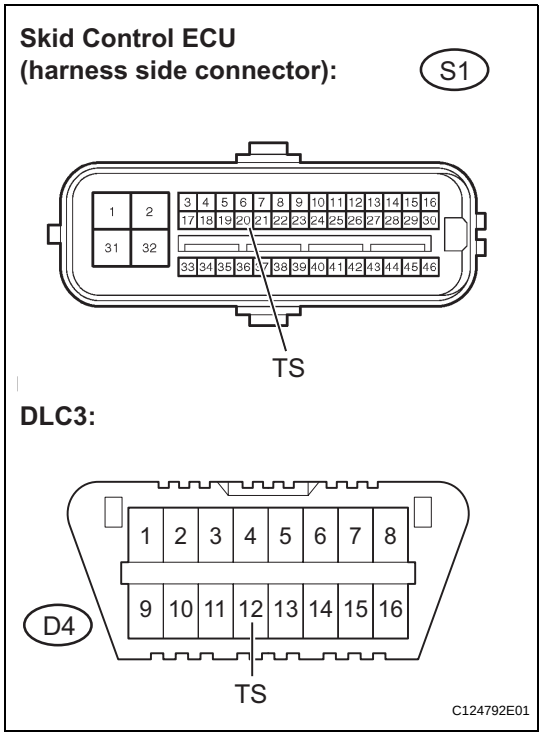
(a) Turn the ignition switch to the ON position.
(b) Measure the voltage.
Standard Voltage

Tester Connection	Specified Condition
D4-12 (TS) - D4-4 (CG)	10 to 14 V

NG → **Go to step 3**

OK

2	CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - DLC3)



(a) Disconnect the skid control ECU connector.
(b) Measure the resistance.
Standard Resistance

Tester Connection	Specified Condition
S1-20 (TS) - D4-12 (TS)	Below 1 Ω
S1-20 (TS) - Body ground	10 kΩ or higher

(c) Reconnect the skid control ECU connector.

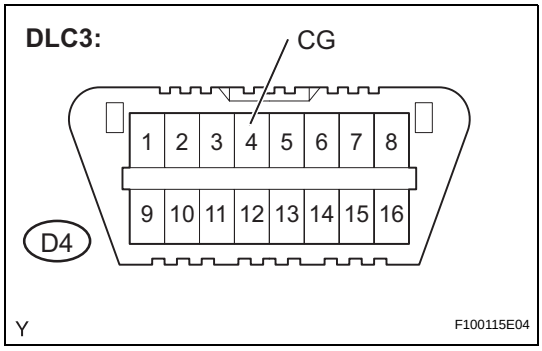
NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

BC

REPLACE BRAKE ACTUATOR

3	CHECK HARNESS AND CONNECTOR (BODY GROUND - DLC3)



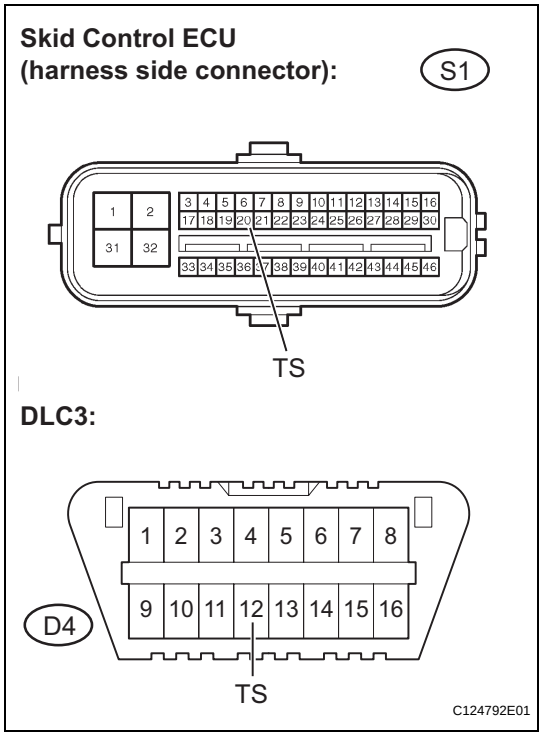
(a) Measure the resistance.
Standard Resistance

Tester Connection	Specified Condition
D4-4 (CG) - Body ground	Below 1 Ω

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

OK

4	CHECK HARNESS AND CONNECTOR (SKID CONTROL ECU - DLC3)



(a) Disconnect the skid control ECU connector.
(b) Measure the resistance.
Standard Resistance

Tester Connection	Specified Condition
S1-20 (TS) - D4-12 (TS)	Below 1 Ω
S1-20 (TS) - Body ground	10 kΩ or higher

(c) Reconnect the skid control ECU connector.

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

OK

REPLACE BRAKE ACTUATOR