

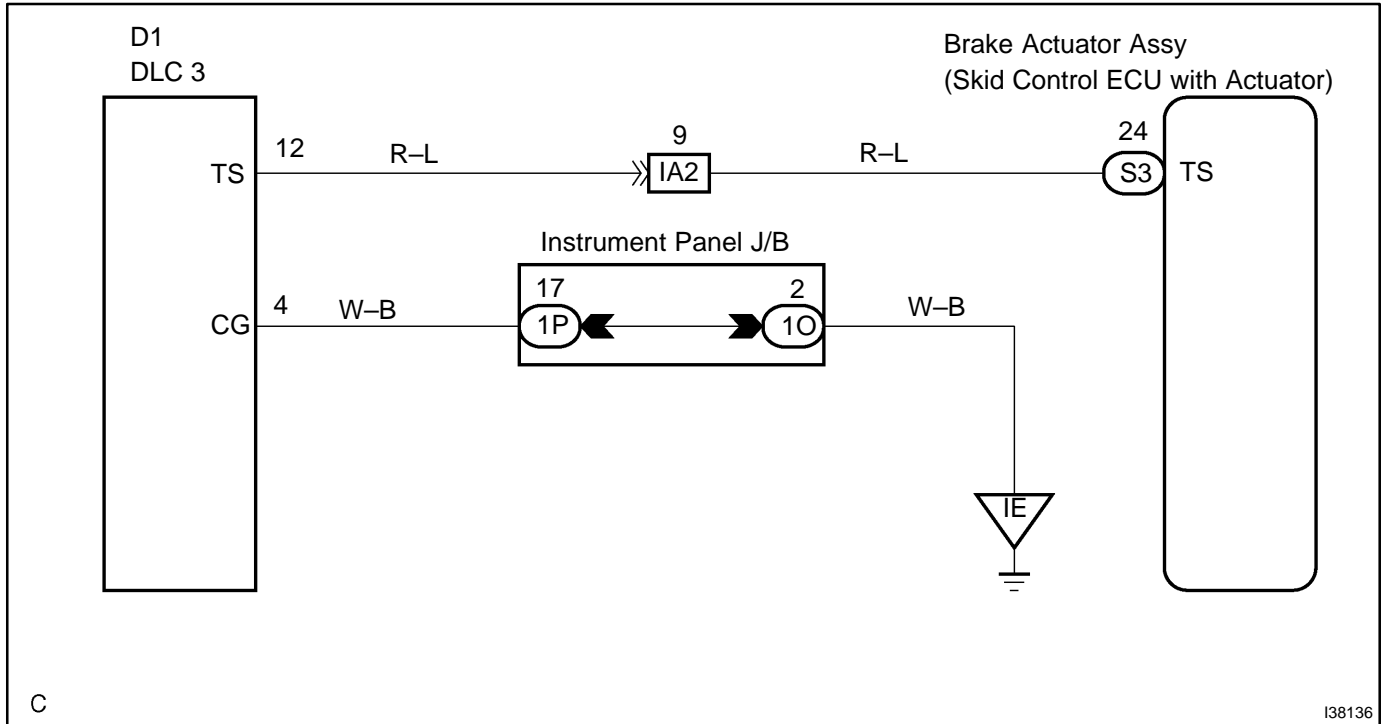
TS TERMINAL CIRCUIT

CIRCUIT DESCRIPTION

The sensor check circuit detects abnormalities in the sensor signal which cannot be detected with the DTC check.

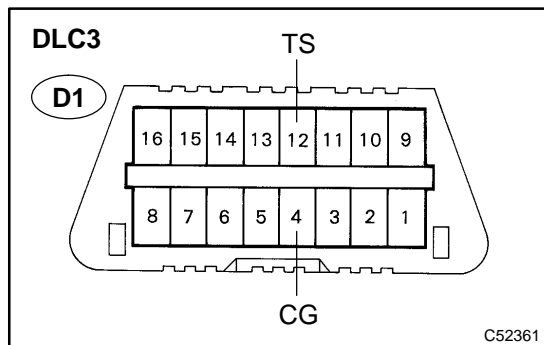
Connecting terminals Ts and CG of the DLC3 starts the check.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT DLC3 TERMINAL VOLTAGE



- (a) Turn the ignition switch to the ON position.
- (b) Measure the voltage according to the value(s) in the table below.

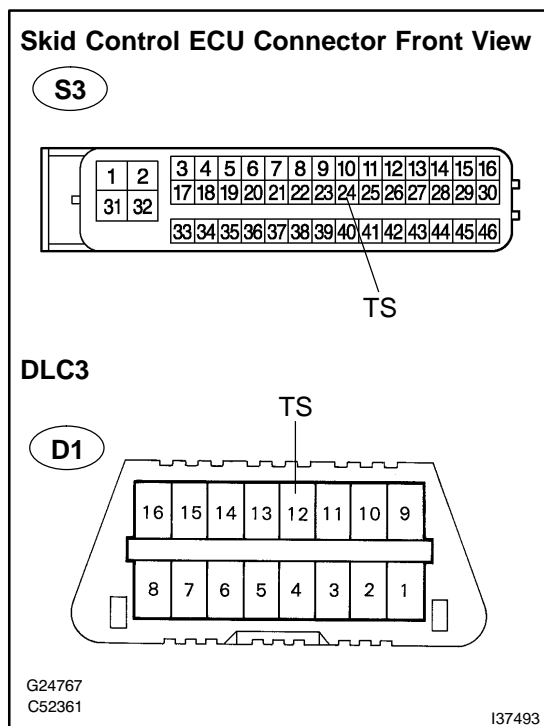
Standard:

Tester Connection	Specified Condition
TS (D1-12) – CG (D1-4)	11 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 according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
TS (S3-24) – TS (D1-12)	1 Ω or less

- (c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
TS (S3-24) – Body ground	10 kΩ or higher

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

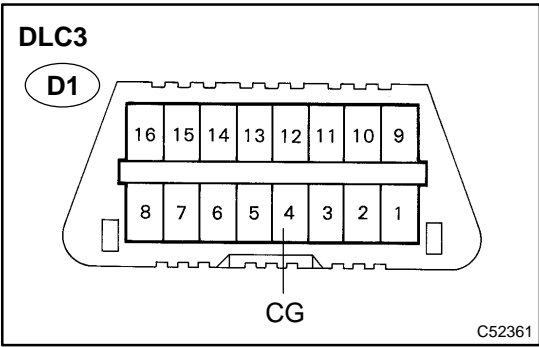
OK

REPLACE BRAKE ACTUATOR ASSY (See page 32-39)

NOTICE:

When replacing the brake actuator assy, perform the zero point calibration (See page 05-279).

3 CHECK HARNESS AND CONNECTOR(BODY GROUND - DLC3)



- (a) Disconnect the skid control ECU connector.
- (b) Measure the resistance according to the value(s) in the table below.

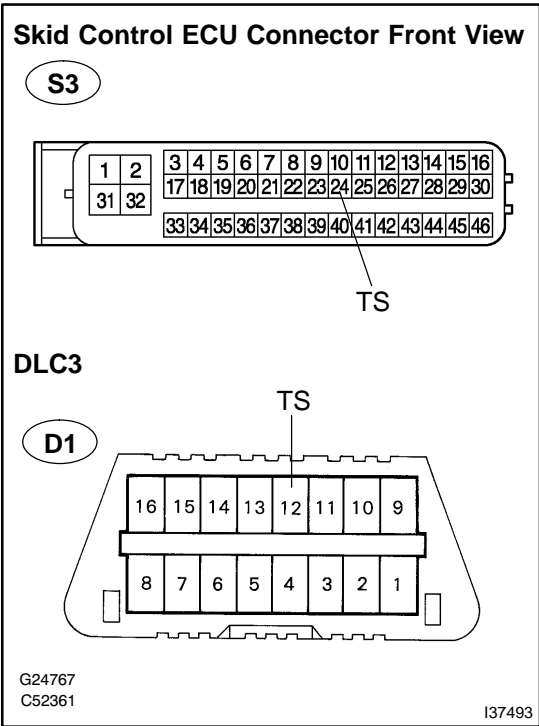
Standard:

Tester Connection	Specified Condition
CG (D1-4) - Body ground	10 kΩ or higher

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 according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
TS (S3-24) - TS (D1-12)	1 Ω or less

- (c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
TS (S3-24) - Body ground	10 kΩ or higher

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

OK

REPLACE BRAKE ACTUATOR ASSY (See page 32-39)

NOTICE:
When replacing the brake actuator assy, perform the zero point calibration (See page 05-279).