

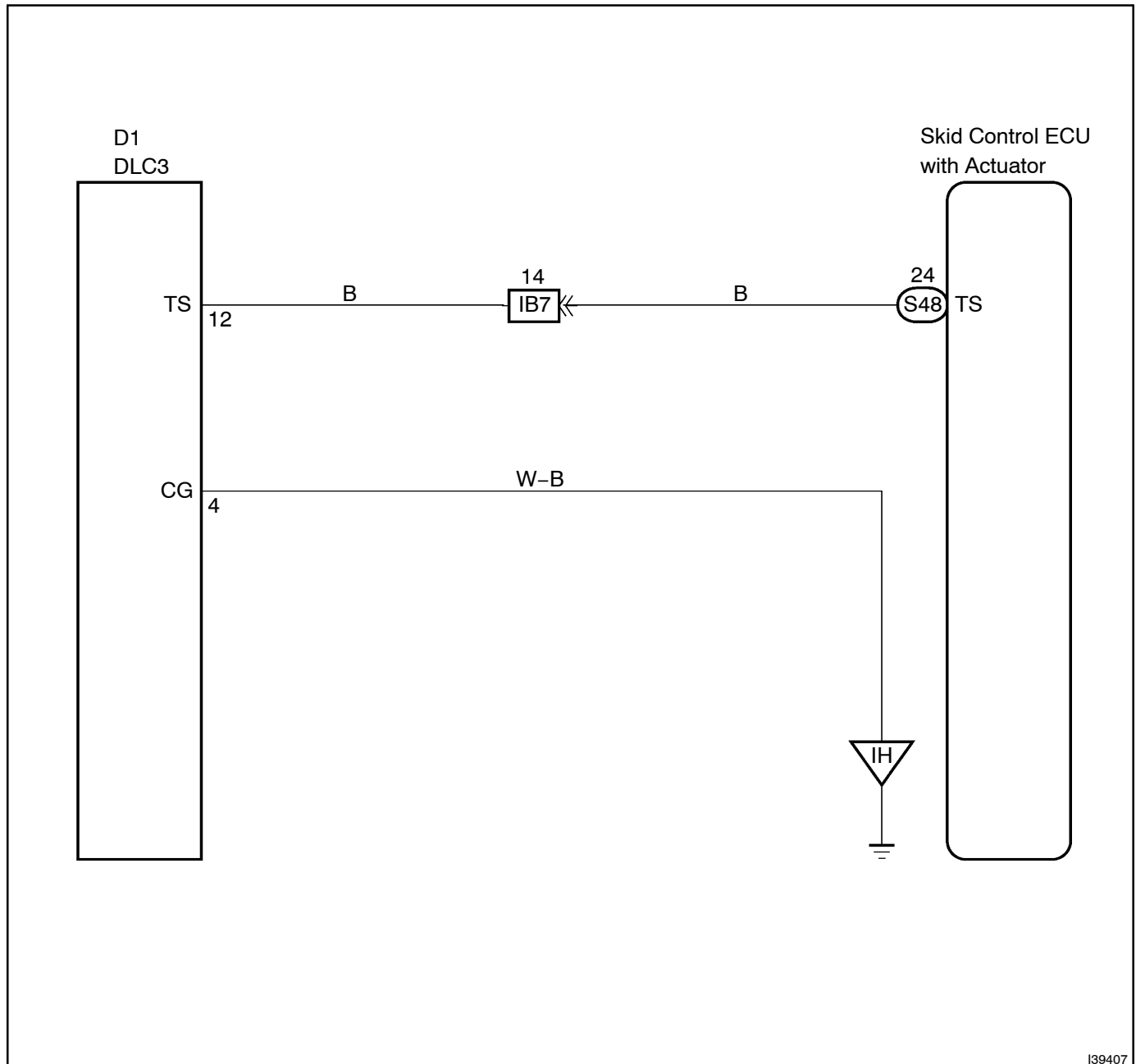
TS AND CG TERMINAL CIRCUIT

CIRCUIT DESCRIPTION

In the sensor check mode, a malfunction of the speed sensor that cannot be detected when the vehicle is stopped is detected while driving.

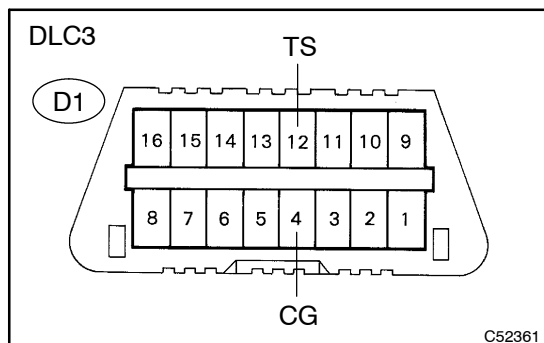
Transition to the sensor check mode can be performed by connecting terminals TS and CG of the DLC3 and turning the ignition switch from off to the ON position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT DLC3 TERMINAL VOLTAGE (TS TERMINAL)



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

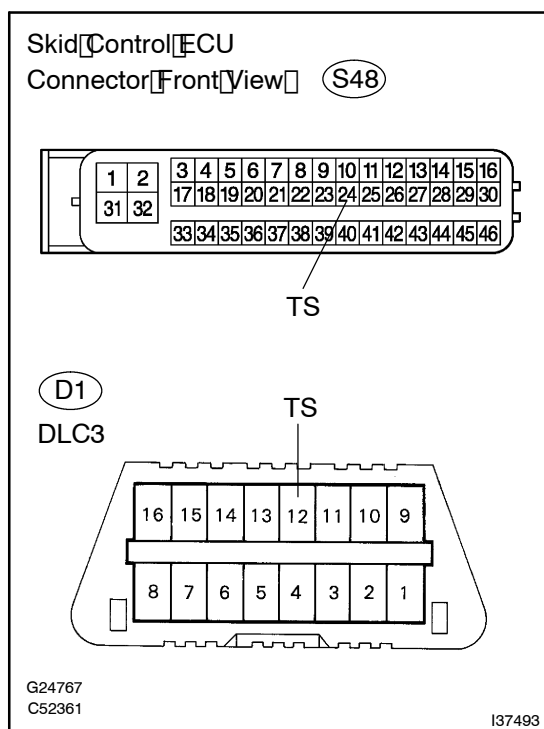
Standard:

Tester Connection	Specified Condition
D1-12 (TS) - D1-4 (CG)	10 to 14 V

NG → Go to step 3

OK

2 CHECK HARNESS AND CONNECTOR (DLC3 - BODY GROUND)



- (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
S48-24 (TS) - D1-12 (TS)	Below 1 Ω

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

Standard:

Tester Connection	Specified Condition
S48-24 (TS) - Body Ground	1 MΩ or higher

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-53)

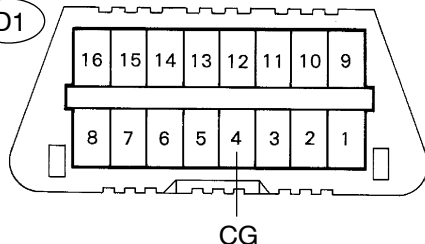
NOTICE:

When replacing the ABS & TRACTION actuator assy, perform zero point calibration (see page 05-387).

3 CHECK HARNESS AND CONNECTOR (BODY GROUND - DLC3)

DLC3

D1



C52361

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

Standard:

Tester Connection	Specified Condition
D1-4 (CG) - Body Ground	Below 1 Ω

NG

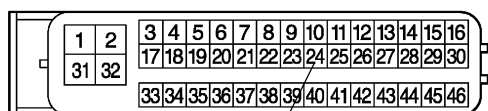
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

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

Skid Control ECU

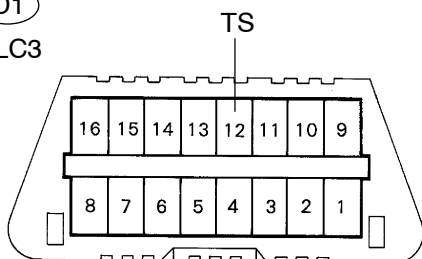
Connector Front View S42



TS

D1

DLC3

G24767
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- (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
S42-24 (TS) - D1-12 (TS)	Below 1 Ω

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

Standard:

Tester Connection	Specified Condition
S42-24 (TS) - Body Ground	1 MΩ or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32-53)**NOTICE:**

When replacing ABS & TRACTION actuator assy, perform zero point calibration (see page 05-387).