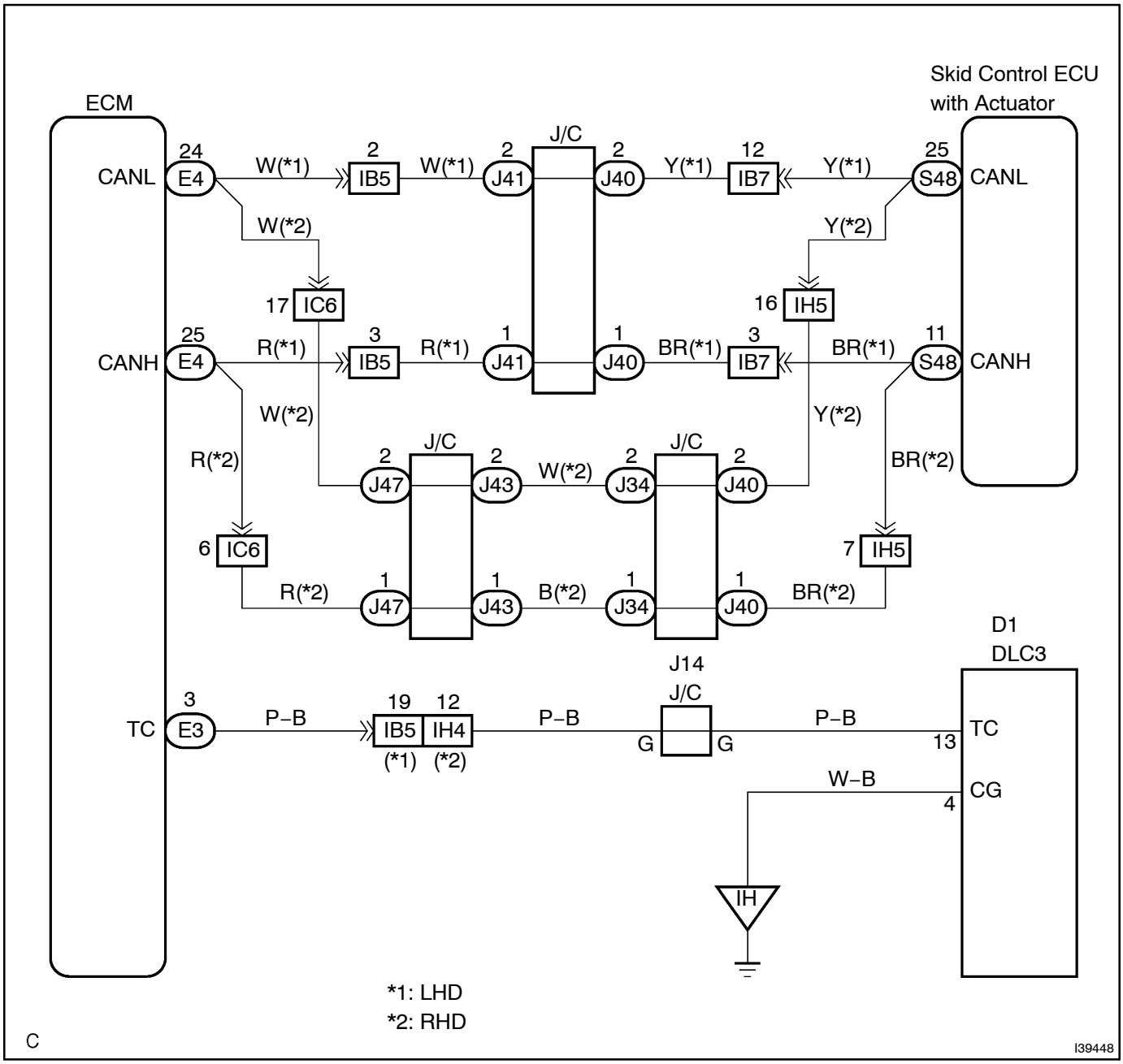
TC AND CG TERMINAL CIRCUIT

CIRCUIT DESCRIPTION

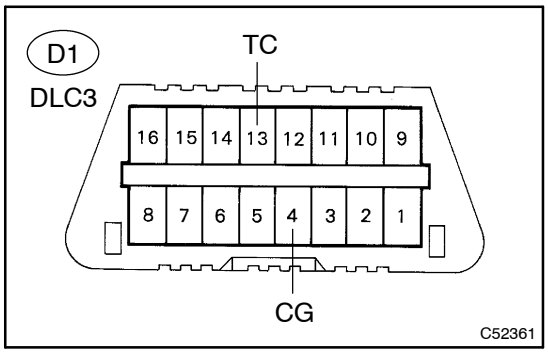
Connecting terminals TC and CG of the DLC3 causes the ECU to display the DTC by blinking the ABS warning light.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT DLC3 TERMINAL VOLTAGE(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
D1–13 (TC) – Body ground	10 to 14 V

(c) 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 → **GO TO STEP 3**

OK

2 CHECK CAN COMMUNICATION SYSTEM

(a) Is the DTC output for CAN communication system?

Result:

DTC is not output	A
DTC is output	B

B → **REPAIR CIRCUIT INDICATED BY OUTPUT CODE (SEE PAGE 05–3331)**

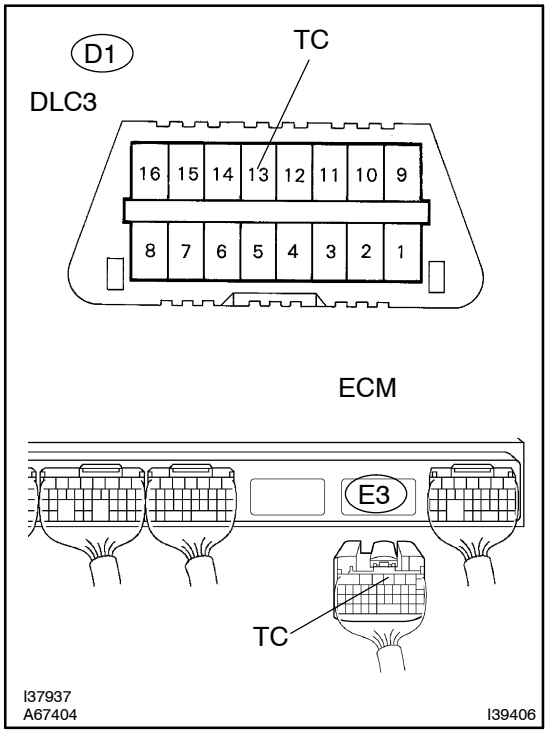
A

REPLACE ABS & TRACTION ACTUATOR ASSY

NOTICE:

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

3 CHECK HARNESS AND CONNECTOR(ECM – DLC3)



(a) Disconnect the ECM connector.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester Connection	Specified Condition
E3–3 (TC) – D1–13 (TC)	Below 1 Ω

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

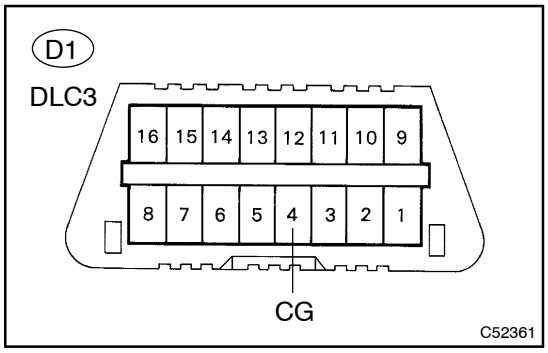
Standard:

Tester Connection	Specified Condition
D1–13 (TC) – Body ground	1 MΩ or higher

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

OK

4 INSPECT HARNESS AND CONNECTOR (DLC3 – BODY GROUND)



(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

5	CHECK CAN COMMUNICATION SYSTEM

(a) Is the DTC output for CAN communication system?

Result:

DTC is not output	A
DTC is output	B

B → **REPAIR CIRCUIT INDICATED BY OUTPUT CODE (SEE PAGE 05–3331)**

A

NOTICE:

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