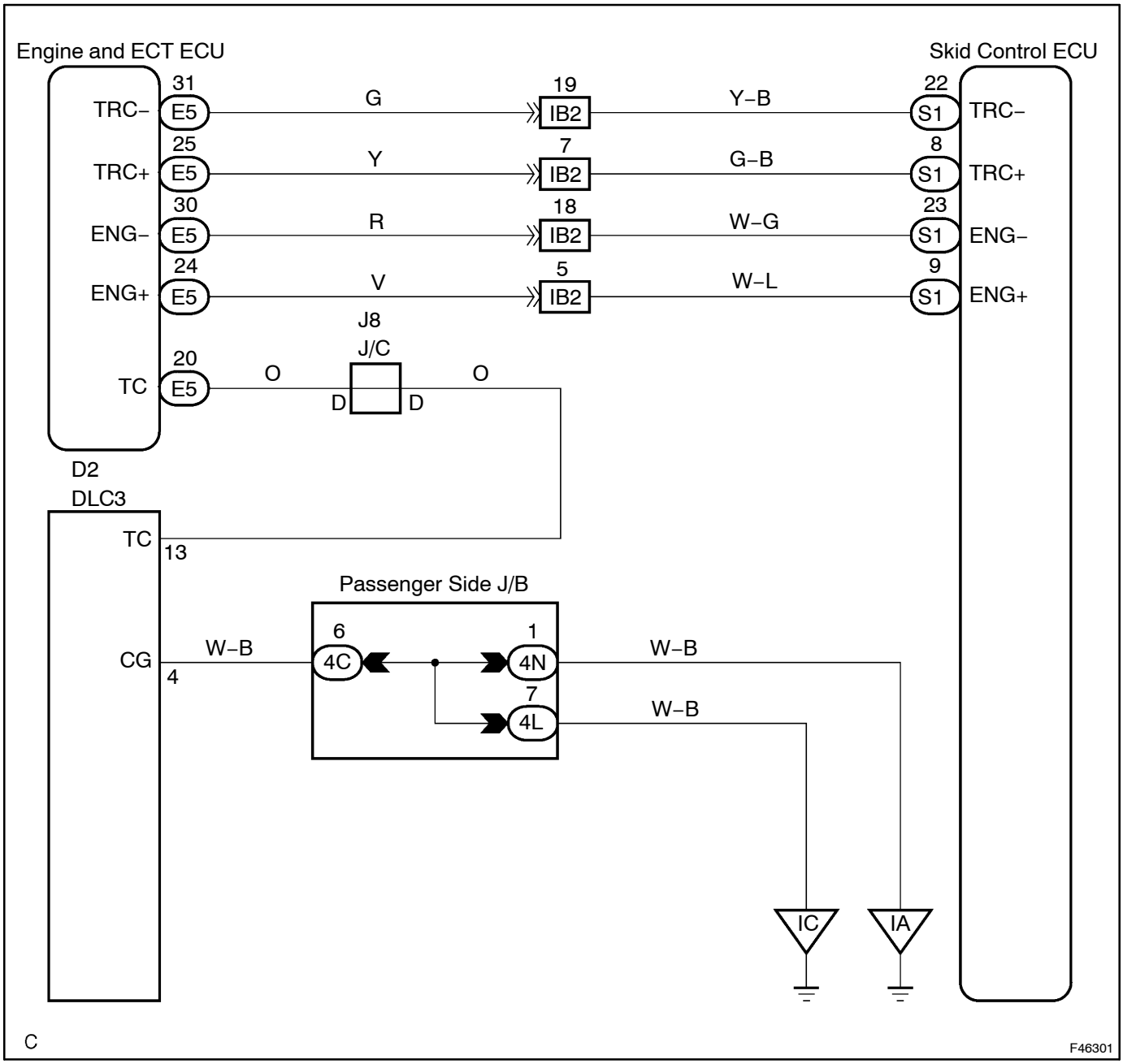
TC AND CG TERMINAL CIRCUIT

CIRCUIT DESCRIPTION

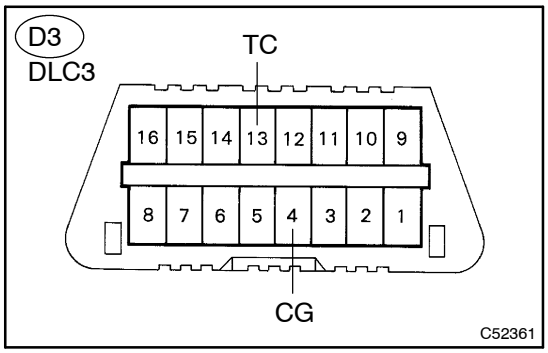
Connecting terminals Tc and CG of the DLC3 causes the ECU to display the DTC by flashing the ABS warning light.

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.

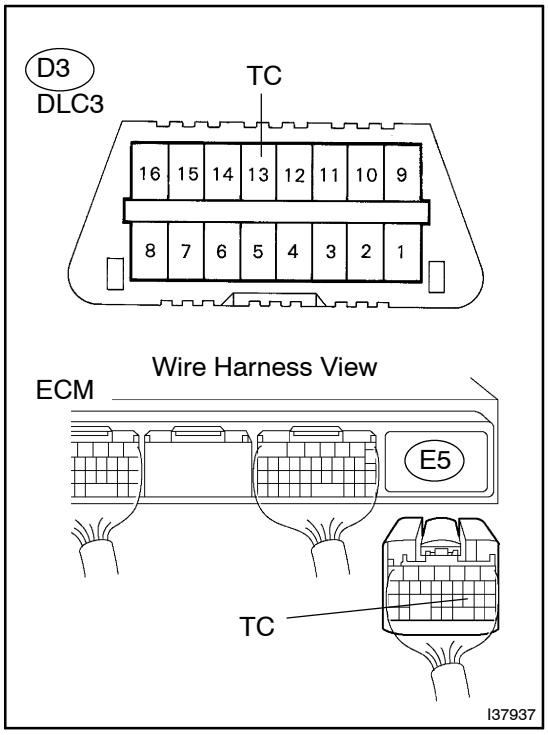
Standard:

Tester Connection	Specified Condition
D3–13 (TC) – D3–4 (CG)	10 to 14 V

NG → **Go to step 4**

OK

2 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
E5–20 (TC) – D3–13 (TC)	Below 1 Ω

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

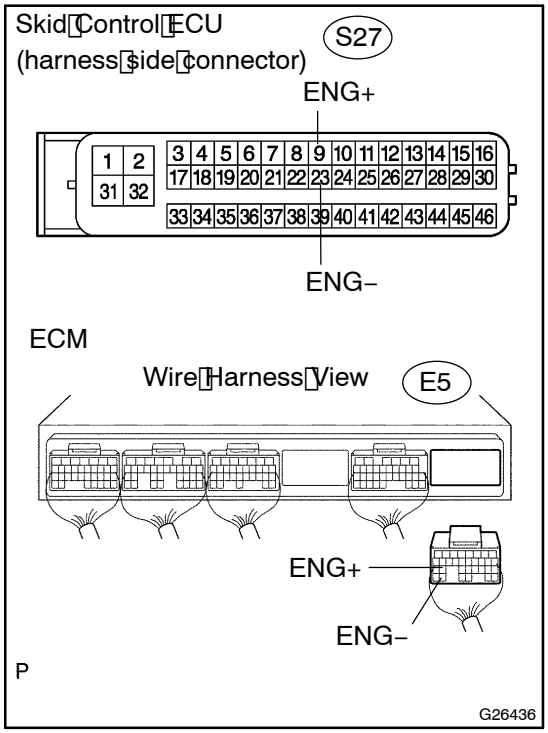
Standard:

Tester Connection	Specified Condition
D3–13 (TC) – Body ground	10 kΩ or higher

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

OK

3 CHECK HARNESS AND CONNECTOR(ECM – SKID CONTROL ECU)



(a) Disconnect the skid control ECU connector and the ECM connector.

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

Standard:

Tester Connection	Specified Condition
E5–24 (ENG+) – S27–9 (ENG+)	Below 1 Ω
E5–30 (ENG–) – S27–23 (ENG–)	Below 1 Ω

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

Standard:

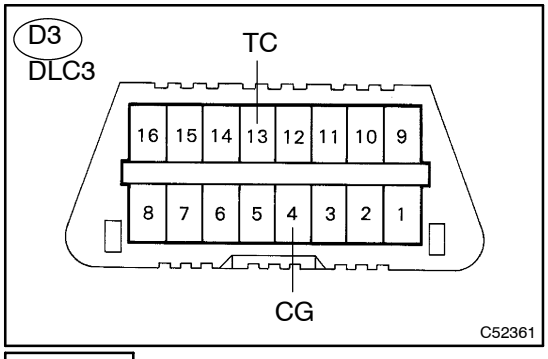
Tester Connection	Specified Condition
S27–9 (ENG+) – Body ground	10 kΩ or higher
S27–23 (ENG–) – Body ground	10 kΩ or higher

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

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32–43)

4 CHECK HARNESS AND CONNECTOR(DLC 3 – BODY GROUND)



(a) Disconnect the skid control ECU connector.

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

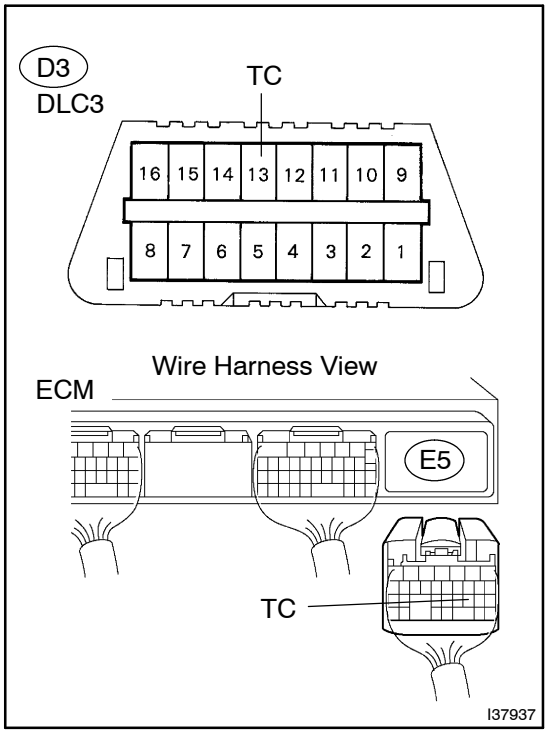
Standard:

Tester Connection	Specified Condition
D3–4 (CG) – Body ground	Below 1 Ω

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

OK

5 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
E5–20 (TC) – D3–13 (TC)	Below 1 Ω

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

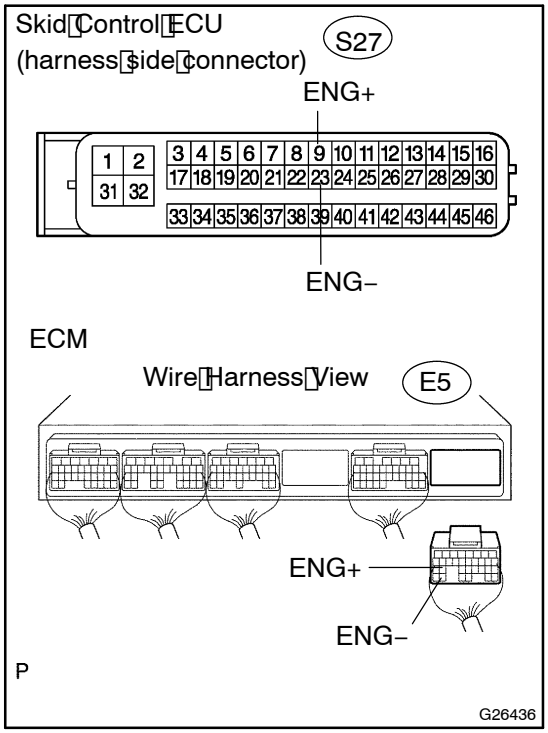
Standard:

Tester Connection	Specified Condition
D3–13 (TC) – Body ground	10 kΩ or higher

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

OK

6 CHECK HARNESS AND CONNECTOR (ECM – SKID CONTROL ECU)



(a) Disconnect the skid control ECU connector and the ECM connector.

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

Standard:

Tester Connection	Specified Condition
E5–24 (ENG+) – S27–9 (ENG+)	Below 1 Ω
E5–30 (ENG–) – S27–23 (ENG–)	Below 1 Ω

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

Standard:

Tester Connection	Specified Condition
S27–9 (ENG+) – Body ground	10 kΩ or higher
S27–23 (ENG–) – Body ground	10 kΩ or higher

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

OK

REPLACE ABS & TRACTION ACTUATOR ASSY (SEE PAGE 32–43)