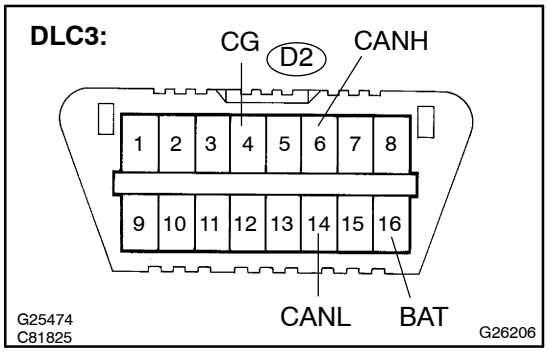
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TERMINALS OF ECU



1. DLC3

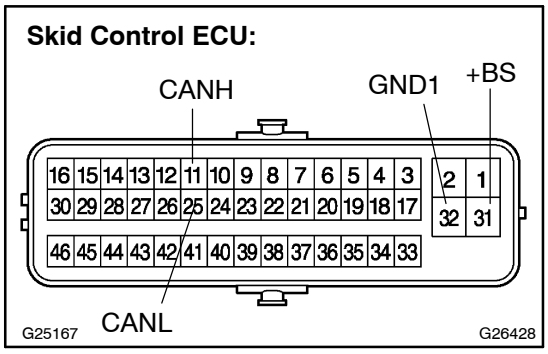
(a) Check DLC3.

(1) Turn the ignition switch off.

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

Standard:

Terminals	Check item	Condition	Specified value
D2–6 (CANH) – D2–14 (CANL)	Resistance	IG switch OFF	54 to 69 Ω
D2–6 (CANH) – D2–16 (BAT)	Resistance	IG switch OFF	More than 1 MΩ
D2–14 (CANL) – D2–16 (BAT)	Resistance	IG switch OFF	More than 1 MΩ
D2–6 (CANH) – D2–4 (CG)	Resistance	IG switch OFF	More than 3 kΩ
D2–14 (CANL) – D2–4 (CG)	Resistance	IG switch OFF	More than 3 kΩ



2. SKID CONTROL ECU

(a) Check skid control ECU.

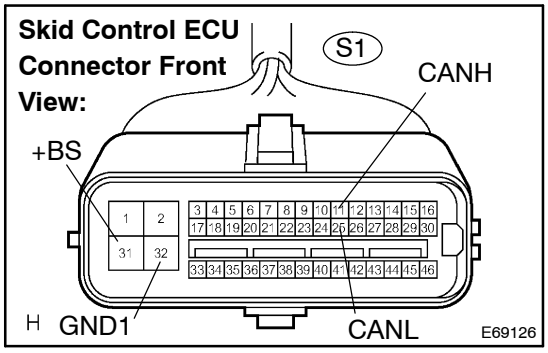
(1) Turn the ignition switch off.

(2) Disconnect the connector (S1) from the skid control ECU.

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

Standard:

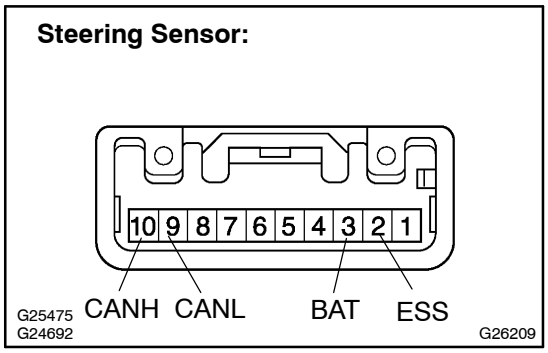
Terminals	Check item	Condition	Specified value
11 (CANH) – 25 (CANL)	Resistance	IG switch OFF	108 to 132 Ω
11 (CANH) – 32 (GND1)	Resistance	IG switch OFF	More than 3 kΩ
25 (CANL) – 32 (GND1)	Resistance	IG switch OFF	More than 3 kΩ
11 (CANH) – 31 (+BS)	Resistance	IG switch OFF	More than 1 MΩ
25 (CANL) – 31 (+BS)	Resistance	IG switch OFF	More than 1 MΩ



(b) Check the skid control ECU harness side connector (S1).
(1) Turn the ignition switch off.
(2) Disconnect the connector (S1) from the skid control ECU.
(3) Measure the resistance according to the value(s) in the table below.

Standard:

Terminals	Wiring Color	Check item	Condition	Specified value
S1–11 (CANH) – S1–25 (CANL)	B – W	Resistance	IG switch OFF	108 to 132 Ω
S1–11 (CANH) – S1–32 (GND1)	B – W–B	Resistance	IG switch OFF	More than 3 kΩ
S1–25 (CANL) – S1–32 (GND1)	W – W–B	Resistance	IG switch OFF	More than 3 kΩ
S1–11 (CANH) – S1–31 (+BS)	B – B	Resistance	IG switch OFF	More than 1 MΩ
S1–25 (CANL) – S1–31 (+BS)	W – B	Resistance	IG switch OFF	More than 1 MΩ

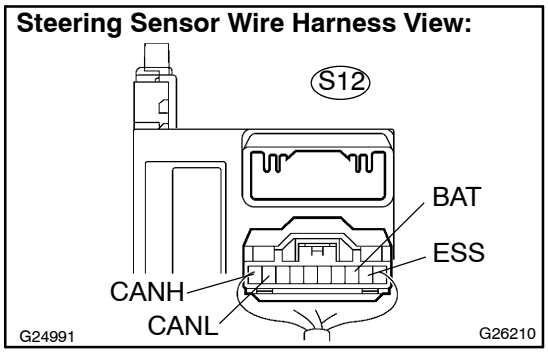


3. STEERING SENSOR

(a) Check steering sensor.
(1) Turn the ignition switch off.
(2) Disconnect the connector (S12) from the steering sensor.
(3) Measure the resistance according to the value(s) in the table below.

Standard:

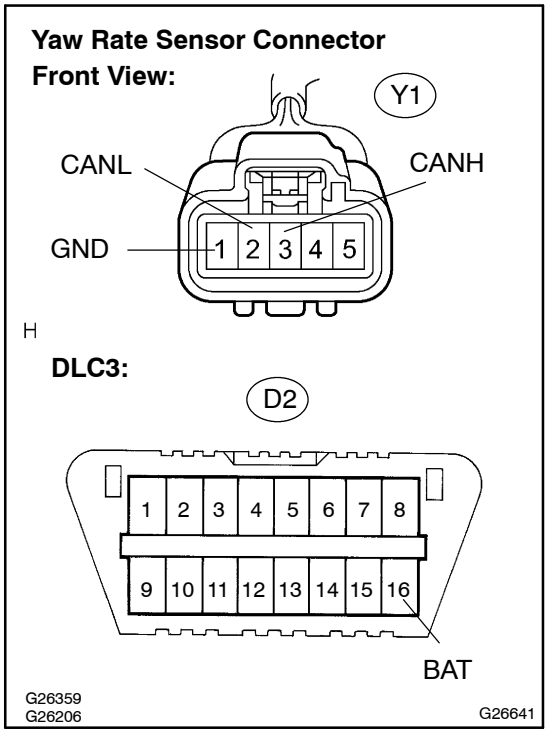
Terminals	Check item	Condition	Specified value
10 (CANH) – 9 (CANL)	Resistance	IG switch OFF	108 to 132 Ω
10 (CANH) – 2 (ESS)	Resistance	IG switch OFF	More than 3 kΩ
9 (CANL) – 2 (ESS)	Resistance	IG switch OFF	More than 3 kΩ
10 (CANH) – 3 (BAT)	Resistance	IG switch OFF	More than 1 MΩ
9 (CANL) – 3 (BAT)	Resistance	IG switch OFF	More than 1 MΩ



(b) Check the harness side connector (S12) of the steering sensor.
(1) Turn the ignition switch off.
(2) Disconnect the connector (S12) from the steering sensor.
(3) Measure the resistance according to the value(s) in the table below.

Standard:

Terminals	Wiring Color	Check item	Condition	Specified value
S12–10 (CANH) – S12–9 (CANL)	Y – W	Resistance	IG switch OFF	108 to 132 Ω
S12–10 (CANH) – S12–2 (ESS)	Y – W–B	Resistance	IG switch OFF	More than 3 kΩ
S12–9 (CANL) – S12–2 (ESS)	W – W–B	Resistance	IG switch OFF	More than 3 kΩ
S12–10 (CANH) – S12–3 (BAT)	Y – P	Resistance	IG switch OFF	More than 1 MΩ
S12–9 (CANL) – S12–3 (BAT)	W – W–R	Resistance	IG switch OFF	More than 1 MΩ



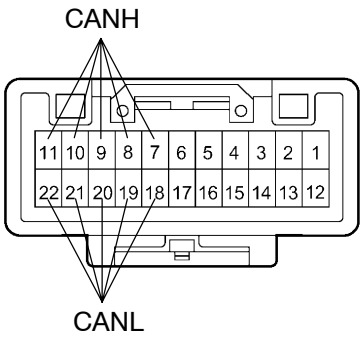
4. YAW RATE SENSOR

(a) Check the yaw rate sensor harness side connector (Y1).
  (1) Turn the ignition switch off.
  (2) Disconnect the connector (Y1) from the yaw rate sensor.
  (3) Measure the resistance according to the value(s) in the table below.

Standard:

Terminals	Wiring Color	Check item	Condition	Specified value
Y1–3 (CANH) – Y1–2 (CANL)	B – W	Resistance	IG switch OFF	54 to 67 Ω
Y1–3 (CANH) – Y1–1 (GND)	B – W–B	Resistance	IG switch OFF	More than 3 kΩ
Y1–2 (CANL) – Y1–1 (GND)	W – W–B	Resistance	IG switch OFF	More than 3 kΩ
Y1–3 (CANH) – D2–16 (BAT)	B – W	Resistance	IG switch OFF	More than 1 MΩ
Y1–2 (CANL) – D2–16 (BAT)	W – W	Resistance	IG switch OFF	More than 1 MΩ

Junction Connector (J8):



G25476 G26430

5. JUNCTION CONNECTOR (J8)

(a) Check the junction connector.

(1) Turn the ignition switch off.

(2) Disconnect the connector from the junction connector.

(3) Check the junction connector between the terminals below on the junction connector.

Standard:

Terminals	Check item	Condition	Specified value
7, 8, 9, 10, 11 (CANH) ⇔ 18, 19, 20, 21, 22 (CANL)	Resistance	IG switch OFF	More than 3 kΩ
7, 8, 9, 10, 11 (CANH) ⇔ Body ground	Resistance	IG switch OFF	More than 3 kΩ
18, 19, 20, 21, 22 (CANL) ⇔ Body ground	Resistance	IG switch OFF	More than 3 kΩ
7, 8, 9, 10, 11 (CANH) ⇔ +B	Resistance	IG switch OFF	More than 3 kΩ
18, 19, 20, 21, 22 (CANL) ⇔ +B	Resistance	IG switch OFF	More than 3 kΩ
7 (CANH) ⇔ 11 (CANH)	Resistance	IG switch OFF	Less than 1 Ω
7 (CANH) ⇔ 10 (CANH)	Resistance	IG switch OFF	Less than 1 Ω
7 (CANH) ⇔ 9 (CANH)	Resistance	IG switch OFF	Less than 1 Ω
7 (CANH) ⇔ 8 (CANH)	Resistance	IG switch OFF	Less than 1 Ω
18 (CANL) ⇔ 22 (CANL)	Resistance	IG switch OFF	Less than 1 Ω
18 (CANL) ⇔ 21 (CANL)	Resistance	IG switch OFF	Less than 1 Ω
18 (CANL) ⇔ 20 (CANL)	Resistance	IG switch OFF	Less than 1 Ω
18 (CANL) ⇔ 19 (CANL)	Resistance	IG switch OFF	Less than 1 Ω