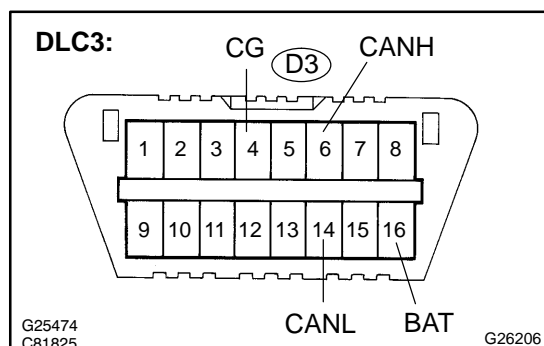


## TERMINALS OF ECU



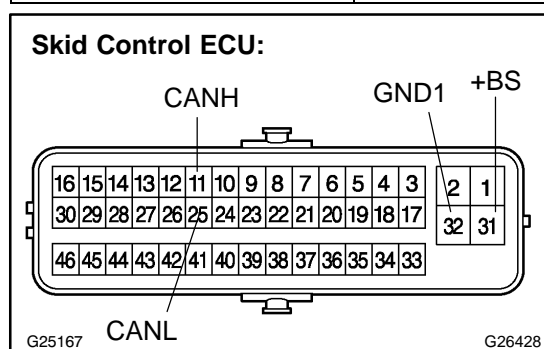
### 1. DLC3

#### (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
D3-6 (CANH) - D3-14 (CANL)	Resistance	Ignition SW OFF	54 to 69 $\Omega$
D3-6 (CANH) - D3-16 (BAT)	Resistance	Ignition SW OFF	More than 1 M $\Omega$
D3-14 (CANL) - D3-16 (BAT)	Resistance	Ignition SW OFF	More than 1 M $\Omega$
D3-6 (CANH) - D3-4 (CG)	Resistance	Ignition SW OFF	More than 3 k $\Omega$
D3-14 (CANL) - D3-4 (CG)	Resistance	Ignition SW OFF	More than 3 k $\Omega$



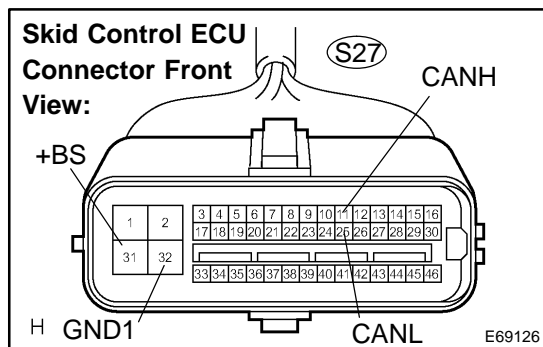
### 2. SKID CONTROL ECU

#### (a) Check skid control ECU.

- (1) Turn the ignition switch off.
- (2) Disconnect the connector (S27) from the skid control ECU.
- (3) Measure the resistance according to the value(s) in the table below.

#### Standard:

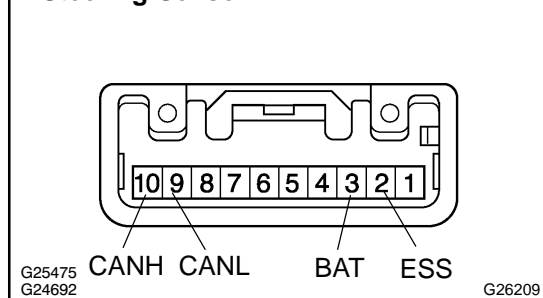
Terminals	Check item	Condition	Specified value
11 (CANH) - 25 (CANL)	Resistance	Ignition SW OFF	108 to 132 $\Omega$
11 (CANH) - 32 (GND1)	Resistance	Ignition SW OFF	More than 3 k $\Omega$
25 (CANL) - 32 (GND1)	Resistance	Ignition SW OFF	More than 3 k $\Omega$
11 (CANH) - 31 (+BS)	Resistance	Ignition SW OFF	More than 1 M $\Omega$
25 (CANL) - 31 (+BS)	Resistance	Ignition SW OFF	More than 1 M $\Omega$



- (b) Check the skid control ECU harness side connector (S27).
- (1) Turn the ignition switch off.
  - (2) Disconnect the connector (S27) from the skid control ECU.
  - (3) Measure the resistance according to the value(s) in the table below.

**Standard:**

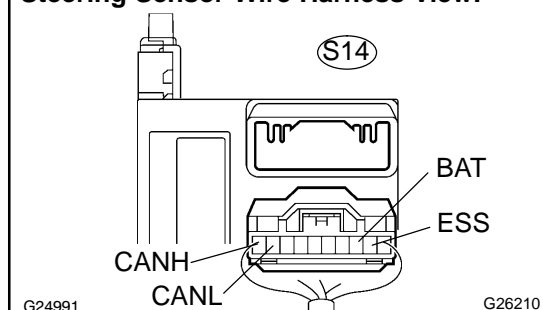
Terminals	Wiring Color	Check item	Condition	Specified value
S27-11 (CANH) - S27-25 (CANL)	B - W	Resistance	Ignition SW OFF	108 to 132 $\Omega$
S27-11 (CANH) - S27-32 (GND1)	B - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
S27-25 (CANL) - S27-32 (GND1)	W - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
S27-11 (CANH) - S27-31 (+BS)	B - B	Resistance	Ignition SW OFF	More than 1 M $\Omega$
S27-25 (CANL) - S27-31 (+BS)	W - B	Resistance	Ignition SW OFF	More than 1 M $\Omega$

**Steering Sensor:****3. STEERING SENSOR**

- (a) Check steering sensor.
- (1) Turn the ignition switch off.
  - (2) Disconnect the connector (S14) from the steering sensor.
  - (3) Measure the resistance according to the value(s) in the table below.

**Standard:**

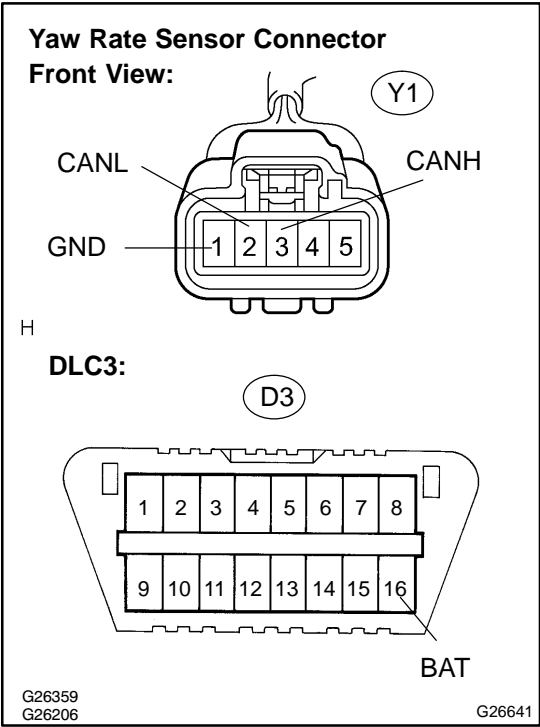
Terminals	Check item	Condition	Specified value
10 (CANH) - 9 (CANL)	Resistance	Ignition SW OFF	108 to 132 $\Omega$
10 (CANH) - 2 (ESS)	Resistance	Ignition SW OFF	More than 3 k $\Omega$
9 (CANL) - 2 (ESS)	Resistance	Ignition SW OFF	More than 3 k $\Omega$
10 (CANH) - 3 (BAT)	Resistance	Ignition SW OFF	More than 1 M $\Omega$
9 (CANL) - 3 (BAT)	Resistance	Ignition SW OFF	More than 1 M $\Omega$

**Steering Sensor Wire Harness View:**

- (b) Check the harness side connector (S14) of the steering sensor.
- (1) Turn the ignition switch off.
  - (2) Disconnect the connector (S14) 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
S14-10 (CANH) - S14-9 (CANL)	Y - W	Resistance	Ignition SW OFF	108 to 132 $\Omega$
S14-10 (CANH) - S14-2 (ESS)	Y - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
S14-9 (CANL) - S14-2 (ESS)	W - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
S14-10 (CANH) - S14-3 (BAT)	Y - P	Resistance	Ignition SW OFF	More than 1 M $\Omega$
S14-9 (CANL) - S14-3 (BAT)	W - W-R	Resistance	Ignition SW OFF	More than 1 M $\Omega$

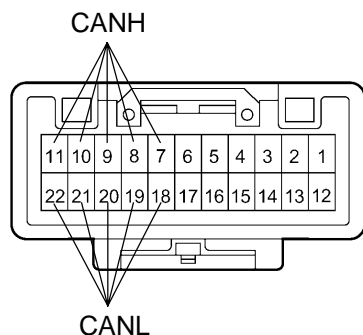


**4. YAW RATE SENSOR**

- (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	Ignition SW OFF	54 to 69 $\Omega$
Y1-3 (CANH) - Y1-1 (GND)	B - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
Y1-2 (CANL) - Y1-1 (GND)	W - W-B	Resistance	Ignition SW OFF	More than 3 k $\Omega$
Y1-3 (CANH) - D3-16 (BAT)	B - W	Resistance	Ignition SW OFF	More than 1 M $\Omega$
Y1-2 (CANL) - D3-16 (BAT)	W - W	Resistance	Ignition SW OFF	More than 1 M $\Omega$

**Junction Connector (J16):**

G25476

G26430

**5. JUNCTION CONNECTOR (J16)**

- (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	Ignition SW OFF	More than 3 kΩ
7, 8, 9, 10, 11 (CANH) ⇔ Body ground	Resistance	Ignition SW OFF	More than 3 kΩ
18, 19, 20, 21, 22 (CANL) ⇔ Body ground	Resistance	Ignition SW OFF	More than 3 kΩ
7, 8, 9, 10, 11 (CANH) ⇔ +B	Resistance	Ignition SW OFF	More than 3 kΩ
18, 19, 20, 21, 22 (CANL) ⇔ +B	Resistance	Ignition SW OFF	More than 3 kΩ
7 (CANH) ⇔ 11 (CANH)	Resistance	Ignition SW OFF	Less than 1 Ω
7 (CANH) ⇔ 10 (CANH)	Resistance	Ignition SW OFF	Less than 1 Ω
7 (CANH) ⇔ 9 (CANH)	Resistance	Ignition SW OFF	Less than 1 Ω
7 (CANH) ⇔ 8 (CANH)	Resistance	Ignition SW OFF	Less than 1 Ω
18 (CANL) ⇔ 22 (CANL)	Resistance	Ignition SW OFF	Less than 1 Ω
18 (CANL) ⇔ 21 (CANL)	Resistance	Ignition SW OFF	Less than 1 Ω
18 (CANL) ⇔ 20 (CANL)	Resistance	Ignition SW OFF	Less than 1 Ω
18 (CANL) ⇔ 19 (CANL)	Resistance	Ignition SW OFF	Less than 1 Ω