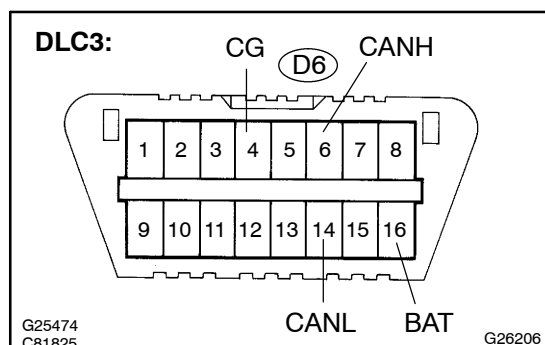


## TERMINALS OF ECU



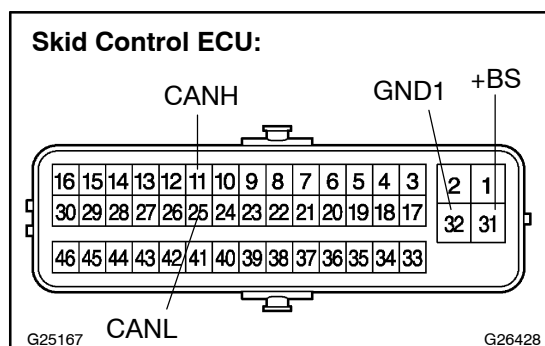
### 1. DLC3

#### (a) Check DLC3.

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

#### Standard:

Terminals	Terminal Description	Condition	Specified value
D6-6 (CANH) – D6-14 (CANL)	HIGH-level CAN bus line	IG switch OFF	54 to 69 $\Omega$
D6-6 (CANH) – D6-16 (BAT)	HIGH-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher
D6-14 (CANL) – D6-16 (BAT)	LOW-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher
D6-6 (CANH) – D6-4 (CG)	HIGH-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
D6-14 (CANL) – D6-4 (CG)	LOW-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher



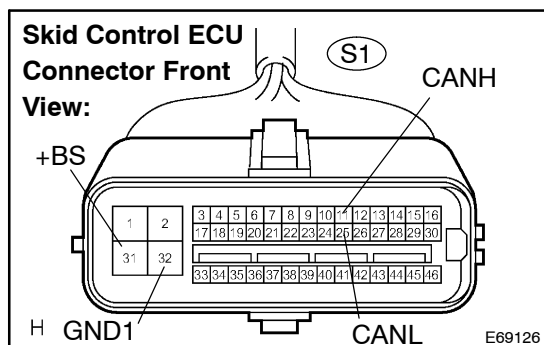
### 2. SKID CONTROL ECU

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

- (1) Disconnect the connector (S1) from the skid control ECU.
- (2) Measure the resistance according to the value(s) in the table below.

#### Standard:

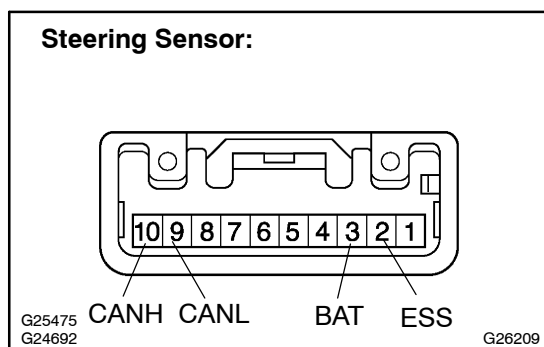
Terminals	Terminal Description	Condition	Specified value
11 (CANH) – 25 (CANL)	HIGH-level CAN bus line	IG switch OFF	108 to 132 $\Omega$
11 (CANH) – 32 (GND1)	HIGH-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
25 (CANL) – 32 (GND1)	LOW-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
11 (CANH) – 31 (+BS)	HIGH-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher
25 (CANL) – 31 (+BS)	LOW-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher



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

**Standard:**

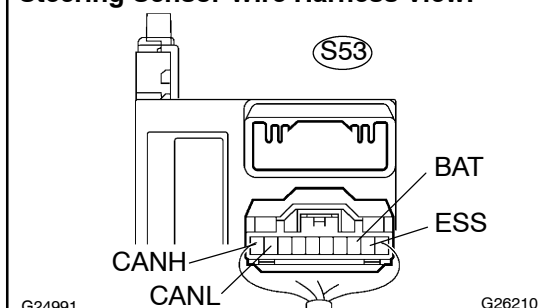
Terminals	Wiring Color	Terminal Description	Condition	Specified value
S1-11 (CANH) – S1-25 (CANL)	B – W	HIGH-level CAN bus line	IG switch OFF	108 to 132 Ω
S1-11 (CANH) – S1-32 (GND1)	B – W-B	HIGH-level CAN bus line	IG switch OFF	3 kΩ or higher
S1-25 (CANL) – S1-32 (GND1)	W – W-B	LOW-level CAN bus line	IG switch OFF	3 kΩ or higher
S1-11 (CANH) – S1-31 (+BS)	B – B	HIGH-level CAN bus line	IG switch OFF	1 MΩ or higher
S1-25 (CANL) – S1-31 (+BS)	W – B	LOW-level CAN bus line	IG switch OFF	1 MΩ or higher

**3. STEERING SENSOR**

- (a) Check steering sensor.
- (1) Disconnect the connector (S53) from the steering sensor.
  - (2) Measure the resistance according to the value(s) in the table below.

**Standard:**

Terminals	Terminal Description	Condition	Specified value
10 (CANH) – 9 (CANL)	HIGH-level CAN bus line	IG switch OFF	108 to 132 Ω
10 (CANH) – 2 (ESS)	HIGH-level CAN bus line	IG switch OFF	3 kΩ or higher
9 (CANL) – 2 (ESS)	LOW-level CAN bus line	IG switch OFF	3 kΩ or higher
10 (CANH) – 3 (BAT)	HIGH-level CAN bus line	IG switch OFF	1 MΩ or higher
9 (CANL) – 3 (BAT)	LOW-level CAN bus line	IG switch OFF	1 MΩ or higher

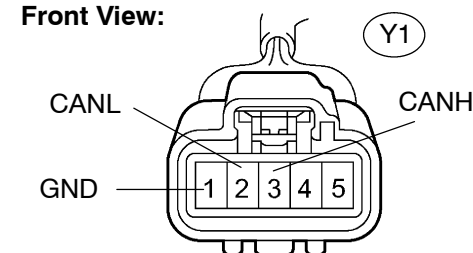
**Steering Sensor Wire Harness View:**

(b) Check the harness side connector (S53) of the steering sensor.

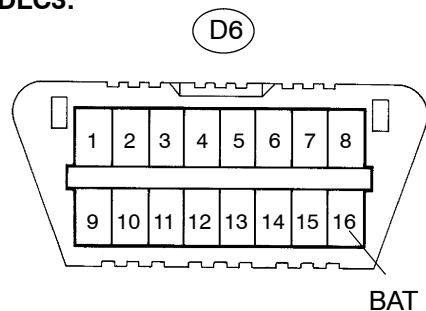
- (1) Disconnect the connector (S53) from the steering sensor.
- (2) Measure the resistance according to the value(s) in the table below.

**Standard:**

Terminals	Wiring Color	Terminal Description	Condition	Specified value
S53-10 (CANH) – S53-9 (CANL)	B – W	HIGH-level CAN bus line	IG switch OFF	108 to 132 $\Omega$
S53-10 (CANH) – S53-2 (ESS)	B – W-B	HIGH-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
S53-9 (CANL) – S53-2 (ESS)	W – W-B	LOW-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
S53-10 (CANH) – S53-3 (BAT)	B – V	HIGH-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher
S53-9 (CANL) – S53-3 (BAT)	W – V	LOW-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher

**Yaw Rate Sensor Connector Front View:**

H

**DLC3:**G26359  
G26206

G26641

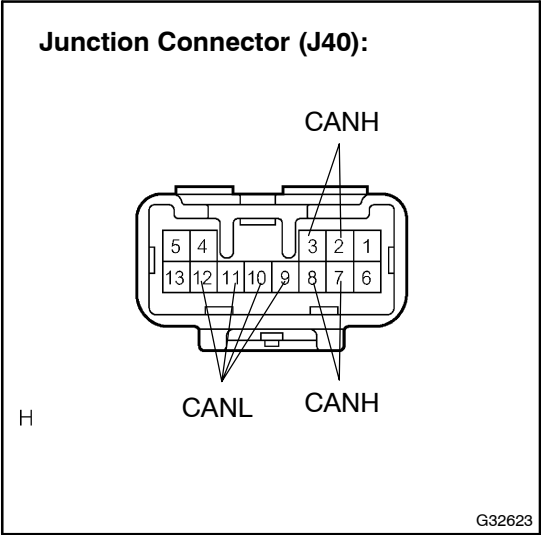
**4. YAW RATE SENSOR**

(a) Check the yaw rate sensor harness side connector (Y1).

- (1) Disconnect the connector (Y1) from the yaw rate sensor.
- (2) Measure the resistance according to the value(s) in the table below.

**Standard:**

Terminals	Wiring Color	Terminal Description	Condition	Specified value
Y1-3 (CANH) – Y1-2 (CANL)	B – W	HIGH-level CAN bus line	IG switch OFF	54 to 69 $\Omega$
Y1-3 (CANH) – Y1-1 (GND)	B – W-B	HIGH-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
Y1-2 (CANL) – Y1-1 (GND)	W – W-B	LOW-level CAN bus line	IG switch OFF	3 k $\Omega$ or higher
Y1-3 (CANH) – D6-16 (BAT)	B – W	HIGH-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher
Y1-2 (CANL) – D6-16 (BAT)	W – W	LOW-level CAN bus line	IG switch OFF	1 M $\Omega$ or higher



**5. JUNCTION CONNECTOR (J40)**

- (a) Check junction connector.
- (1) Disconnect the connector from the junction connector.
  - (2) Measure the resistance according to the value(s) in the table below.

**Standard:**

Terminals	Terminal Descripton	Condition	Specified value
2, 3, 7, 8 (CANH) ⇔ 9, 10, 11, 12 (CANL)	HIGH-level CAN bus line	IG switch OFF	3 kΩ or higher
2, 3, 7, 8 (CANH) ⇔ Body ground	HIGH-level CAN bus line	IG switch OFF	3 kΩ or higher
9, 10, 11, 12 (CANL) ⇔ Body ground	LOW-level CAN bus line	IG switch OFF	3 kΩ or higher
2 (CANH) ⇔ 3 (CANH)	HIGH-level CAN bus line	IG switch OFF	Below 1 Ω
2 (CANH) ⇔ 7 (CANH)	HIGH-level CAN bus line	IG switch OFF	Below 1 Ω
2 (CANH) ⇔ 8 (CANH)	HIGH-level CAN bus line	IG switch OFF	Below 1 Ω
9 (CANL) ⇔ 10 (CANL)	LOW-level CAN bus line	IG switch OFF	Below 1 Ω
9 (CANL) ⇔ 11 (CANL)	LOW-level CAN bus line	IG switch OFF	Below 1 Ω
9 (CANL) ⇔ 12 (CANL)	LOW-level CAN bus line	IG switch OFF	Below 1 Ω