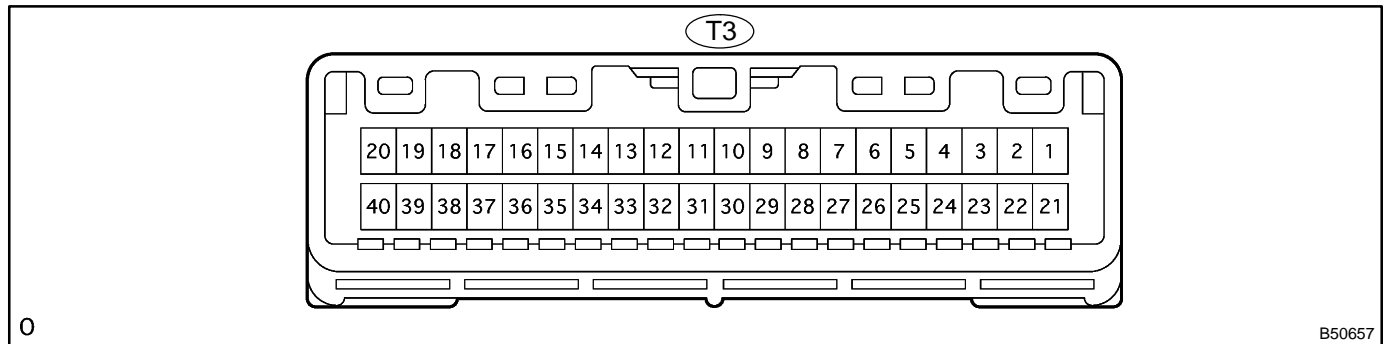


TERMINALS OF ECU

1. INSPECT TVIP ECU



- (a) Inspect the ECU-B, DOME and ECU-IG fuses.
- (b) Disconnect the TVIP ECU connector, and the continuity and voltage of check each terminal of the disconnected connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
+B1 (T3-2) ⇔ E (T3-29)	R-B ⇔ W-B	Constant	10 – 14 V
CTY (T3-19) ⇔ E (T3-29)	R ⇔ W-B	<ul style="list-style-type: none"> • Passenger's door fully closed → Opened • Rear right door fully closed → Opened • Rear left door fully closed → Opened 	No continuity → Continuity
DSWD (T3-40) ⇔ E (T3-29)	R-W ⇔ W-B	Driver's door fully closed → Opened	No continuity → Continuity
DSWL (T3-35) ⇔ E (T3-29)	R-W ⇔ W-B	Luggage's door fully closed → Opened	No continuity → Continuity
KSW (T3-12) ⇔ E (T3-29)	L-B ⇔ W-B	No key in ignition switch lock cylinder → Key inserted	0 V → 10 – 14 V
L2 (T3-16) ⇔ E (T3-29)	G ⇔ W-B	Driver's door lock UNLOCK → LOCK	0 V → 10 – 14 V → 1 V or less
UL3 (T3-17) ⇔ E (T3-29)	L-Y ⇔ W-B	Driver's door lock LOCK → UNLOCK	0 V → 10 – 14 V → 1 V or less
UL2 (T3-18) ⇔ E (T3-29)	L-B ⇔ W-B	Passenger's door lock LOCK → UNLOCK	0 V → 10 – 14 V → 1 V or less
IRSG (T3-28) ⇔ E (T3-29)	W ⇔ W-B	Driver's door lock LOCK → UNLOCK	Pulse generation
IG (T3-10) ⇔ E (T3-29)	B-W ⇔ W-B	Ignition switch OFF → ON	0 V → 10 – 14 V
SRLY (T3-21) ⇔ E (T3-29)	B-R ⇔ W-B	Ignition switch OFF → ON	0 V → 10 – 14 V
LSWD (T3-37) ⇔ E (T3-29)	W ⇔ W-B	Driver's door lock UNLOCK → LOCK	0 V → 10 – 14 V
LSWP (T3-38) ⇔ E (T3-29)	W-R ⇔ W-B	Passenger's door lock UNLOCK → LOCK	0 V → 10 – 14 V

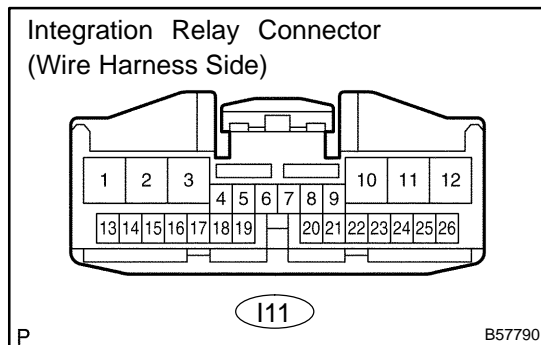
If the result is not as specified, the vehicle's side may malfunction.

(c) Reconnect the TVIP ECU connector, and the continuity and voltage of check each terminal of the disconnected connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
DMLP (T3-9) ↔ E (T3-29)	R-W ↔ W-B	Armed state → Alarm sounding state	Pulse generation
HEAD (T3-6) ↔ E (T3-29)	R ↔ W-B	Light control switch position HEAD → OFF or TAIL	1 V or less → 10 – 14 V
HAZD (T3-8) ↔ E (T3-29)	Y-B ↔ W-B	Armed state → Alarm sounding state	Pulse generation
IND (T3-25) ↔ E (T3-29)	R-W ↔ W-B	Security indicator light lights up. (It lights up only for 30 sec.)	10 – 14 V
IOUT (T3-11) ↔ E (T3-29)	L ↔ W-B	Armed state → Alarm sounding state (on grass breakage detection)	Pulse generation
HORN (T3-5) ↔ E (T3-29)	G-Y ↔ W-B	Armed state → Alarm sounding state	Pulse generation
E (T3-29) ↔ Body ground	W-B ↔ Body ground	Constant	Continuity

If the result is not as specified, the TVIP ECU may malfunction.



2. INSPECT INTEGRATION RELAY

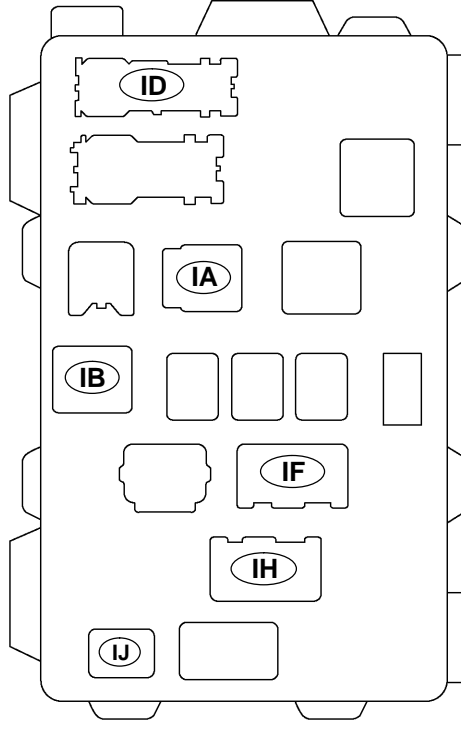
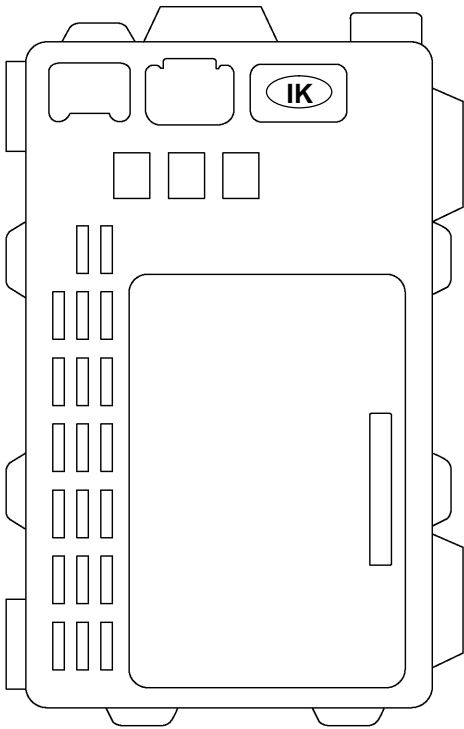
(a) Disconnect the connector and check the continuity of each terminal of the disconnected connector.

Symbols (Terminal No.)	Wiring color	Condition	Specified Condition
PCTY (I11-13) ↔ Body ground	R-W ↔ Body ground	Passenger's door fully closed → Opened	No continuity → Continuity

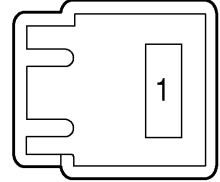
If the result is not as specified, the vehicle's side may malfunction.

3. INSPECT INSTRUMENT PANEL J/B (INTEGRATION RELAY)

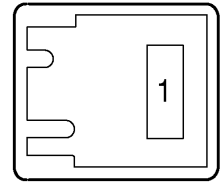
Instrument Panel J/B (Integration Relay)



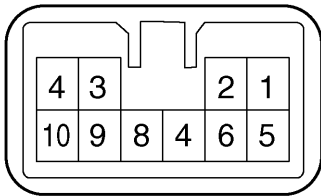
Instrument Panel J/B Side Connector IA



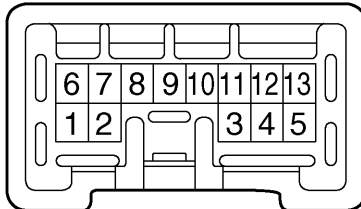
Instrument Panel J/B Side Connector IB



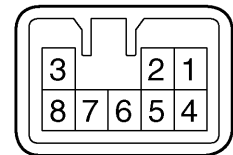
Instrument Panel J/B Side Connector IK



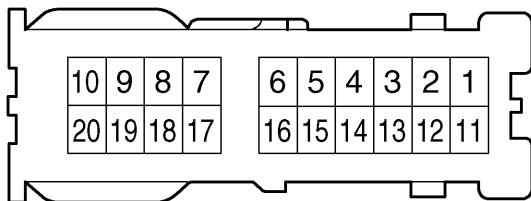
Instrument Panel J/B Side Connector IF



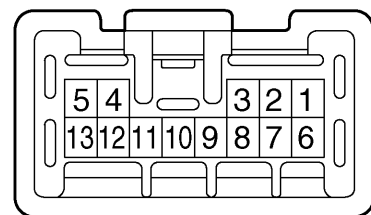
Instrument Panel J/B Side Connector IJ



Instrument Panel J/B Side Connector ID



Instrument Panel J/B Side Connector IH



B59376
B59378
Y

B59532

- (a) Inspect the DOOR fuse.
- (b) Disconnect the ID connector of the instrument panel J/B, and check the continuity of each terminal of the disconnected connectors.

Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified Condition
DCTY (ID-1) ⇔ Body ground	R-W ⇔ Body ground	Driver's door fully closed → Opened	No continuity → Continuity
PRCTY (ID-14) ⇔ Body ground	R-B ⇔ Body ground	Rear LH door fully closed → Opened	
PRCTY (ID-15) ⇔ Body ground	R-Y ⇔ Body ground	Rear RH door fully closed → Opened	

If the result is not as specified, the vehicle's side may malfunction.