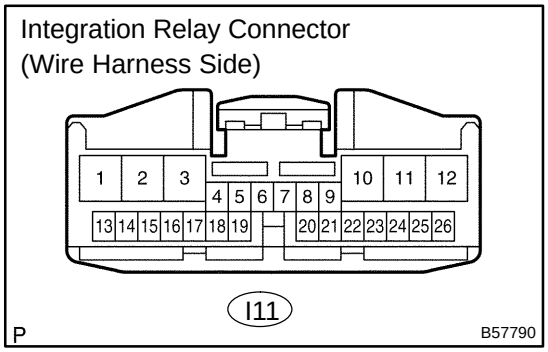
056BC–02

TERMINALS OF ECU



1. INSPECT INTEGRATION RELAY

(a) Disconnect the connector from the integration relay.

(b) Check the continuity between each terminal of the disconnected connector and the body ground, as shown in the illustration and table.

Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
LSWD (I11–19) ⇔ Body ground	W ⇔ Body ground	Driver's door lock control knob LOCK → UNLOCK	No continuity → Continuity
LSWP (I11–18) ⇔ Body ground	W–R ⇔ Body ground	Front passenger's door lock control knob LOCK → UNLOCK	
L1 (I11–9) ⇔ Body ground	L–W ⇔ Body ground	Door lock control switch (Manual operation) OFF → LOCK	
UL1 (I11–8) ⇔ Body ground	L ⇔ Body ground	Door lock control switch (Manual operation) OFF → UNLOCK	
L2 (I11–7) ⇔ Body ground	G ⇔ Body ground	Using key, front door lock cylinder LOCK → Other position	Continuity → No continuity
UL3 (I11–6) ⇔ Body ground	L–Y ⇔ Body ground	Using key, driver's door lock cylinder UNLOCK → Other position	Continuity → No continuity
UL2 (I11–5) ⇔ Body ground	L–B ⇔ Body ground	Using key, front passenger's door lock cylinder UNLOCK → Other position	
PCTY (I11–13) ⇔ Body ground	R–W ⇔ Body ground	Front passenger's door fully closed → Opened	No continuity → Continuity

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

(c) Reconnect the connector and check the voltage between each terminal and the body ground, as shown in the illustration and table.

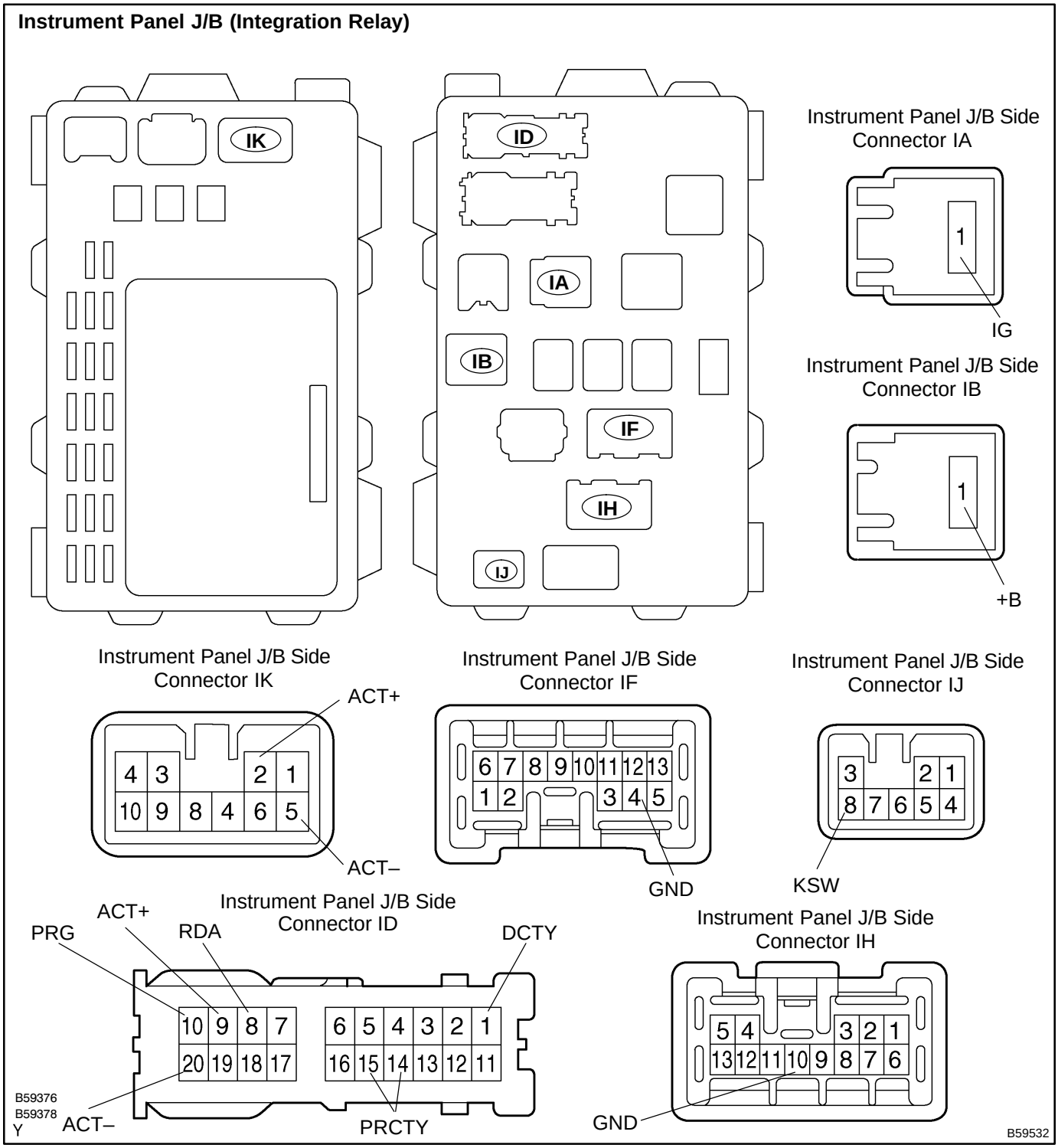
Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
ACTD (I11–1) ⇔ Body ground	R ⇔ Body ground	Driver's door lock OFF → ON	0 V → 10 – 14 V → 1 V or less
HAZ (I11–25) ⇔ Body ground	Y–B ⇔ Body ground	Transmitter LOCK or UNLOCK switch is pushed Hazard warning switch ON	0 V (Hazard not flashing) → 10 – 14 V (Hazard flashing)

If the result is not as specified, the integration relay may malfunction.

2. INSPECT INSTRUMENTAL PANEL J/B (INTEGRATION RELAY)

Instrument Panel J/B (Integration Relay)



(a) Disconnect the connectors IA, IB, ID, IF, IH and IJ of the instrument panel J/B.
(b) Check the continuity between each terminal of the disconnected connectors and the body ground, as shown in the illustration and table.

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	
KSW (IJ–8) ⇔ Body ground	L–B ⇔ Body ground	No key in ignition switch cylinder → Key inserted	No continuity → Continuity
+B (IB–1) ⇔ Body ground	W ⇔ Body ground	Constant	10 – 14 V
IG (IA–1) ⇔ Body ground	W ⇔ Body ground		
GND (IF–4) ⇔ Body ground	W–B ⇔ Body ground	Constant	Continuity
GND (IH–10) ⇔ Body ground	W–B ⇔ Body ground		

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

(c) Reconnect the connectors and check the voltage between each terminal and the body ground, as shown in the illustration and table.

Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
ACT+ (IK–2) ⇔ Body ground	L ⇔ Body ground	• Front door lock OFF → ON • Rear RH door lock OFF → ON	0 V → 10 – 14 V → 1 V or less
ACT– (IK–5) ⇔ Body ground	R ⇔ Body ground	• Front passenger's door lock OFF → ON • Rear RH door lock OFF → ON	
ACT+ (ID–9) ⇔ Body ground	L ⇔ Body ground	Rear LH door lock OFF → ON	
ACT– (ID–20) ⇔ Body ground	R ⇔ Body ground		
RDA (ID–8) ⇔ Body ground	L–R ⇔ Body ground	No key in ignition key cylinder, all doors closed and transmitter switch OFF → ON	1 V or less → Approx. 6 – 7 V → 1 V or less

If the result is not as specified, the integration relay or instrument panel J/B assembly may malfunction.