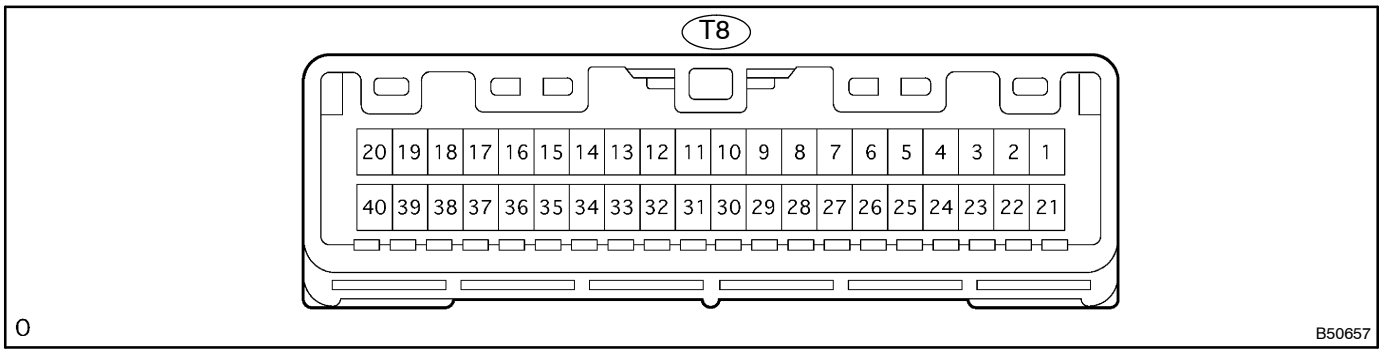
05ABJ–01

TERMINALS OF ECU

1. CHECK THEFT WARNING ECU ASSY (THEFT DETERRENT ECU)



(a) Disconnect the T8 ECU connector, and check the voltage or continuity between each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
E (T8–29) ⇔ Body ground	W–B ⇔ –	Constant	Continuity
+B2 (T8–3) ⇔ E (T8–29)	P ⇔ W–B	Constant	10 – 14 V
IG (T8–10) ⇔ E (T8–29)	B–R ⇔ W–B	Ignition switch OFF → ON	0 V → 10 – 14 V
+B1 (T8–2) ⇔ E (T8–29)	W–R ⇔ W–B	Constant	10 – 14 V

If the result is not as specified, there may be a malfunction on the wire harness side.

(b) Reconnect the T8 ECU connector, and check the voltage between each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
IND (T8–25) ⇔ E (T8–29)	V–W ⇔ W–B	Security indicator light lights up (It lights up only for 30 sec. in alarm sounding state It flashes when imobiliser system is operating)	3 – 6 V
*1 SH– (T8–1) ⇔ E (T8–29)	W–R ⇔ W–B	Security horn is sounding (Theft deterrent system is in alarm sounding state)	10 – 14 V
*2 SH– (T8–1) ⇔ E (T8–29)	L–O ⇔ W–B	Security horn is sounding (Theft deterrent system is in alarm sounding state)	10 – 14 V

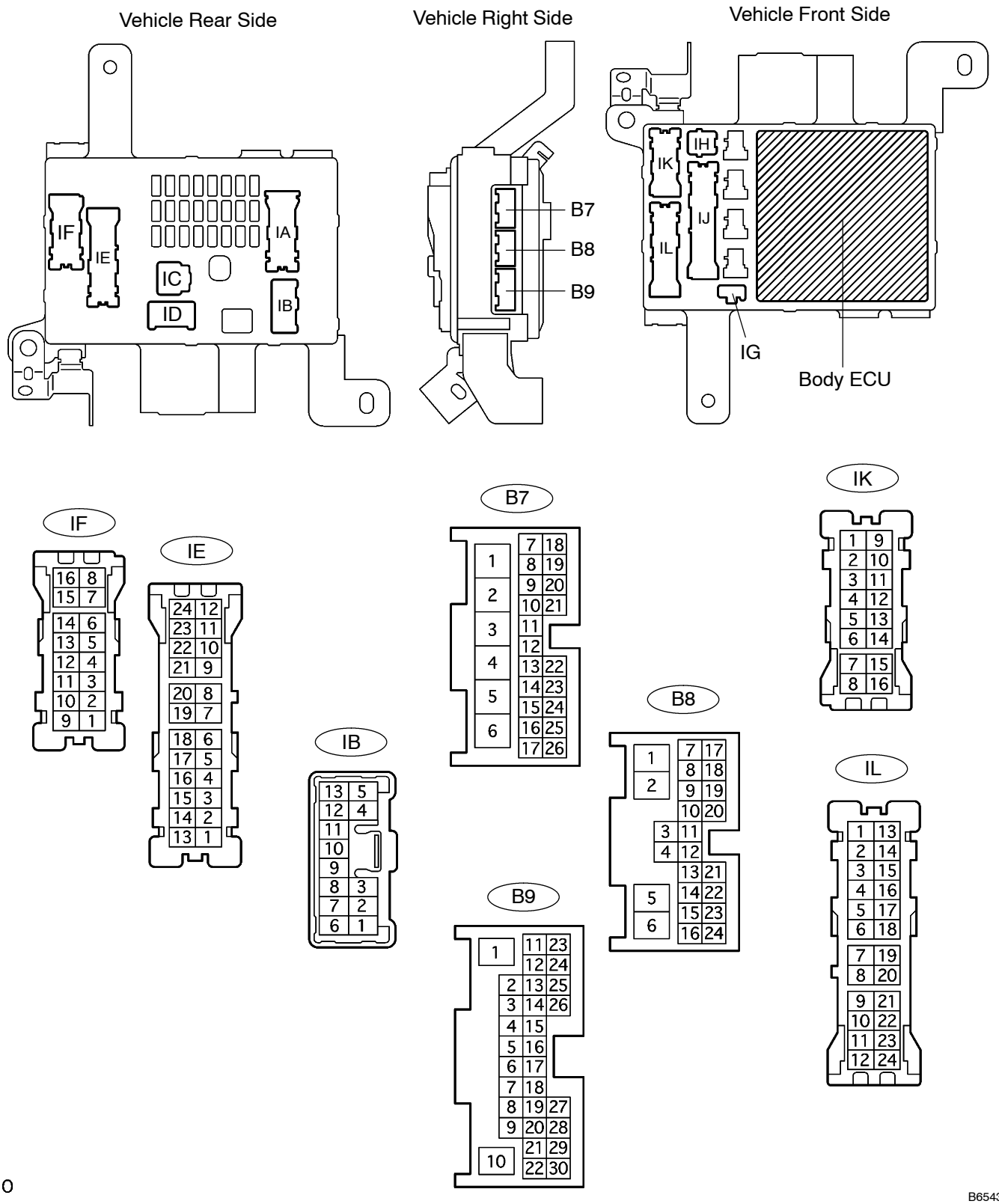
*1: Except Europe (LHD) only

*2: Except Europe (RHD) only

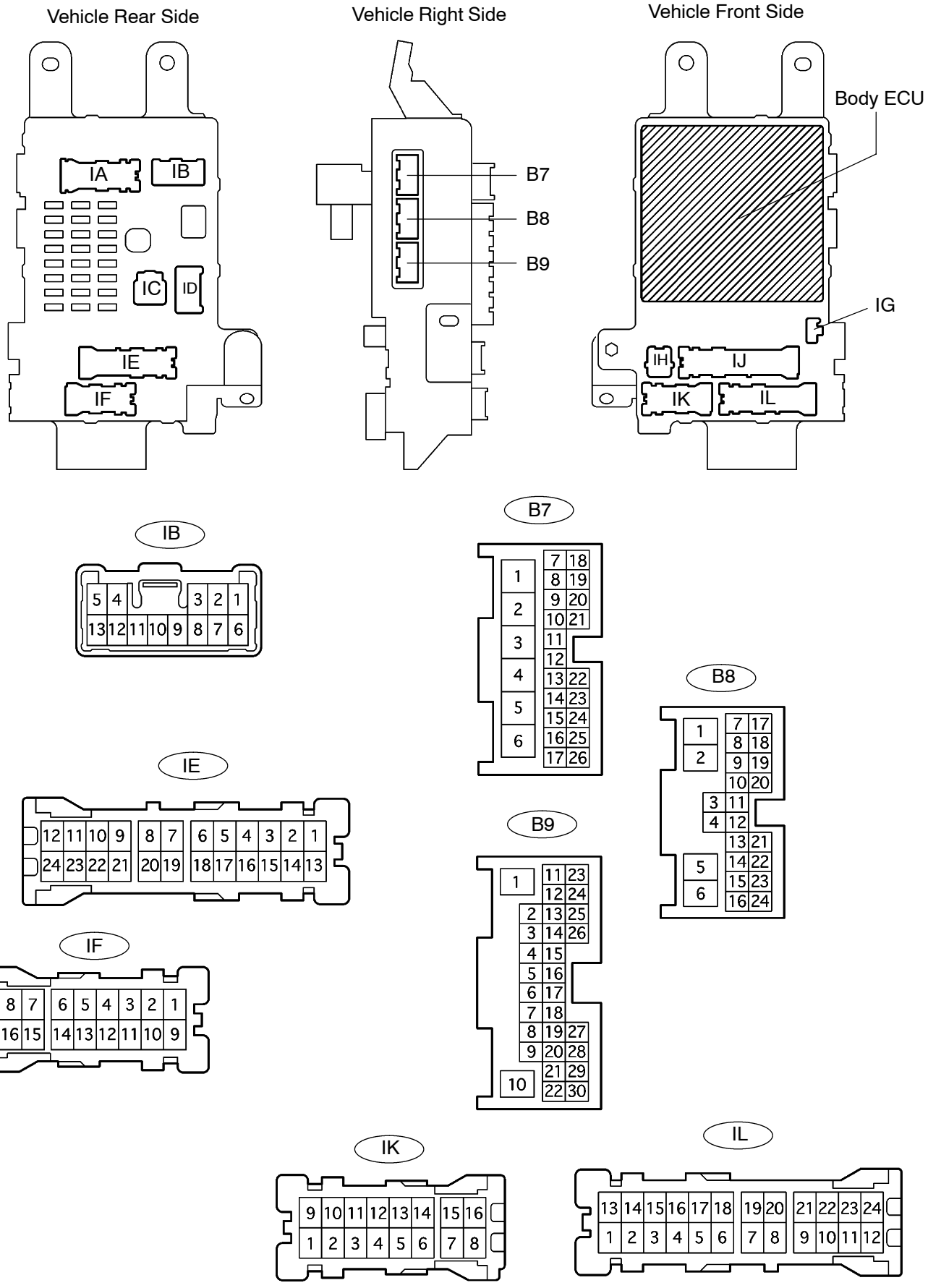
If the result is not as specified, the ECU may malfunction.

2. CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY (BODY ECU)

LHD Models



RHD Models



0

B65437

(a) Disconnect the the J/B connector, and check the voltage or continuity between each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
BDR1 (IE–9) ⇔ Body ground	G–W ⇔ Body ground	Constant	10 – 14 V
GND1 (IH–2) ⇔ Body ground	W–B ⇔ –	Constant	Continuity
GND2 (IH–2) ⇔ Body ground	W–B ⇔ –	Constant	Continuity
KSW (B9–14) ⇔ Body ground	G–Y ⇔ Body ground	No key in ignition key cylinder → Key inserted	No continuity → Continuity

If the result is not as specified, there may be a malfunction on the wire harness side.

(b) Reconnect the J/B connector, and check the voltage between each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
DCTY (B8–23) ⇔ Body ground	R–Y ⇔ Body ground	Driver side door CLOSED → OPEN	10 – 14 V → Below 0 V
*1 PCTY (B8–24) ⇔ Body ground	R–Y ⇔ Body ground	Passenger side door CLOSED → OPEN	10 – 14 V → Below 0 V
*2 PCTY (B8–24) ⇔ Body ground	R–B ⇔ Body ground	Passenger side door CLOSED → OPEN	10 – 14 V → Below 0 V
RLCY (B8–11) ⇔ Body ground	P–B ⇔ Body ground	Rear door LH CLOSED → OPEN	10 – 14 V → Below 0 V
RRCY (B8–12) ⇔ Body ground	P–L ⇔ Body ground	Rear door RH CLOSED → OPEN	10 – 14 V → Below 0 V
ACT+ (IL–9) ⇔ Body ground	L–R ⇔ Body ground	Master switch and driver side door key cylinder OFF → LOCK	0 V → 10 – 14 V → 0 V
ACT– (IL–18) ⇔ Body ground	L–B ⇔ Body ground	Master switch and driver side door key cylinder OFF → UNLOCK	0 V → 10 – 14 V → 0 V

*1: LHD

*2: RHD

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