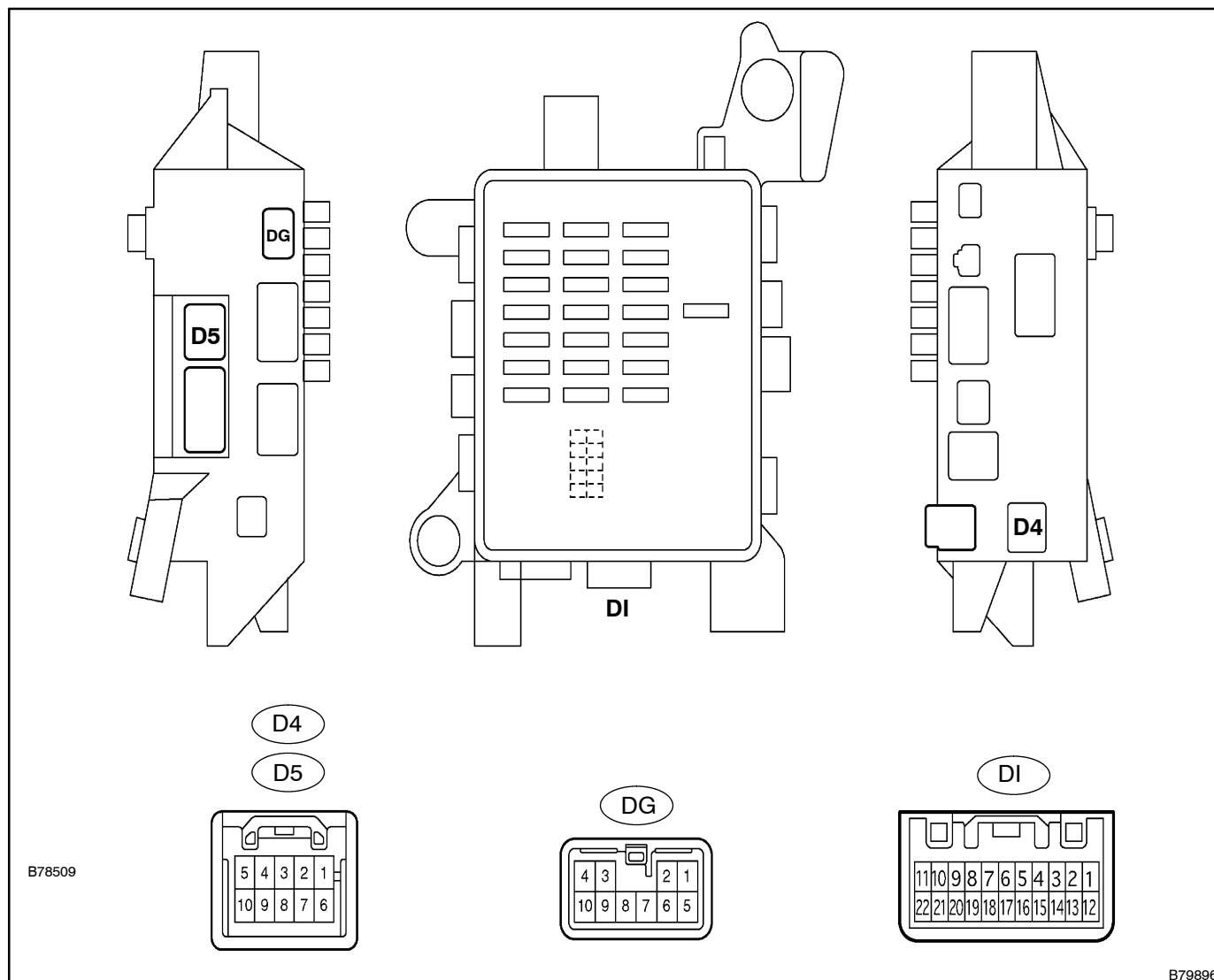


TERMINALS OF ECU

1. LHD:
CHECK DRIVER SIDE J/B (DRIVER SIDE J/B ECU)



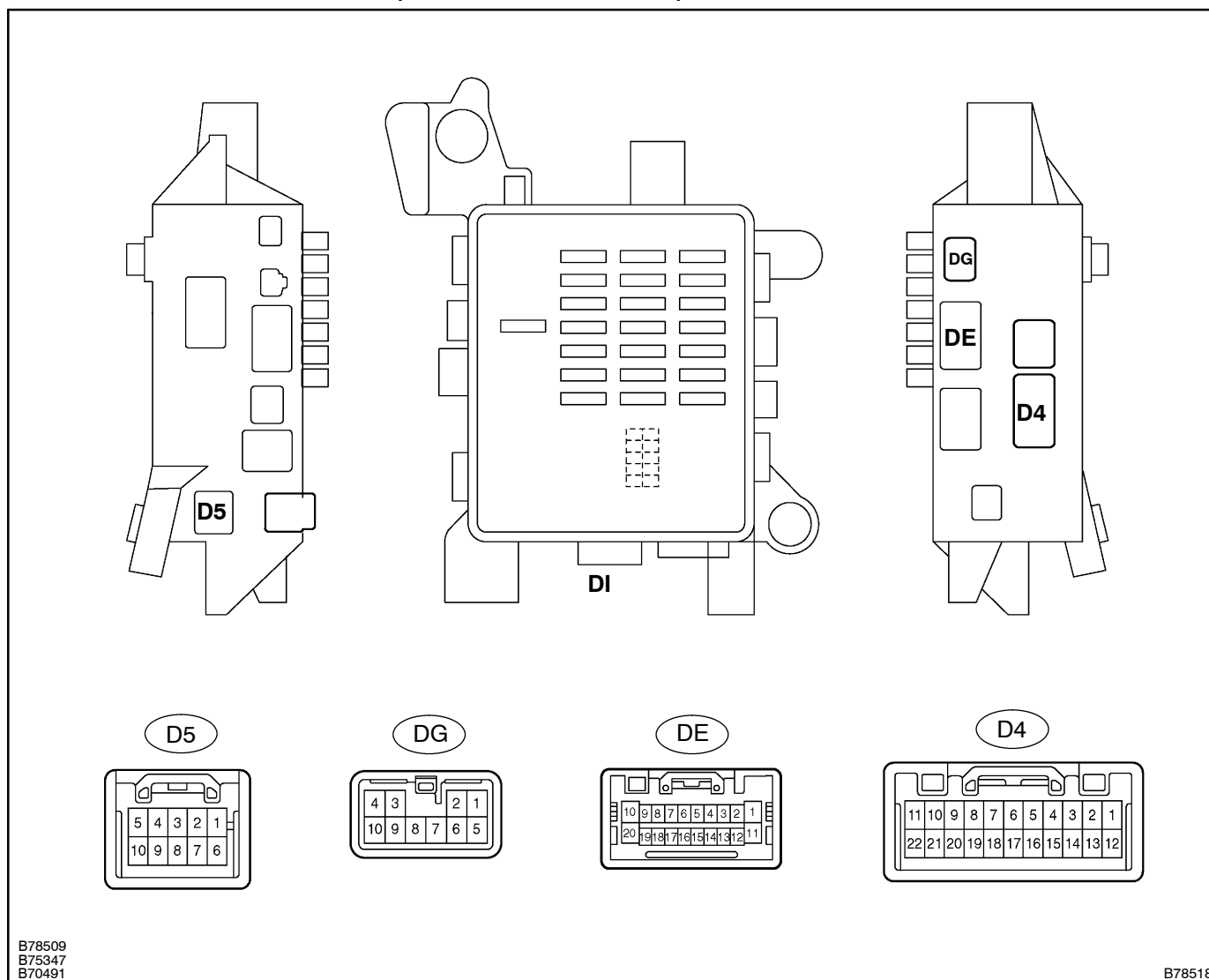
- (a) Disconnect the DG, DI J/B, D4 and D5 ECU connectors.
- (b) Measure the voltage and resistance of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-B (D4-5) – Body ground	R-B – W-B	+B (MPX-B) power supply	Constant	10 to 14 V
MPX-IG (DI-2) – Body ground	L – Body ground	+B (MPX-IG) power supply	Ignition switch 1: OFF → 2: ON	1: Below 1 V → 2: 10 to 14 V
GND (DG-8) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
GND2 (D5-1) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
TSW (D5-5) – Body ground	V – Body ground	Luggage compartment door opener switch input	Luggage compartment door opener switch 1: OFF → 2: ON	1: 10 kΩ or higher → 2: Below 1 Ω

If the result is not as specified, the wire harness side may have a malfunction.

2. RHD: CHECK DRIVER SIDE J/B (DRIVER SIDE J/B ECU)



B78509
B75347
B70491

B78518

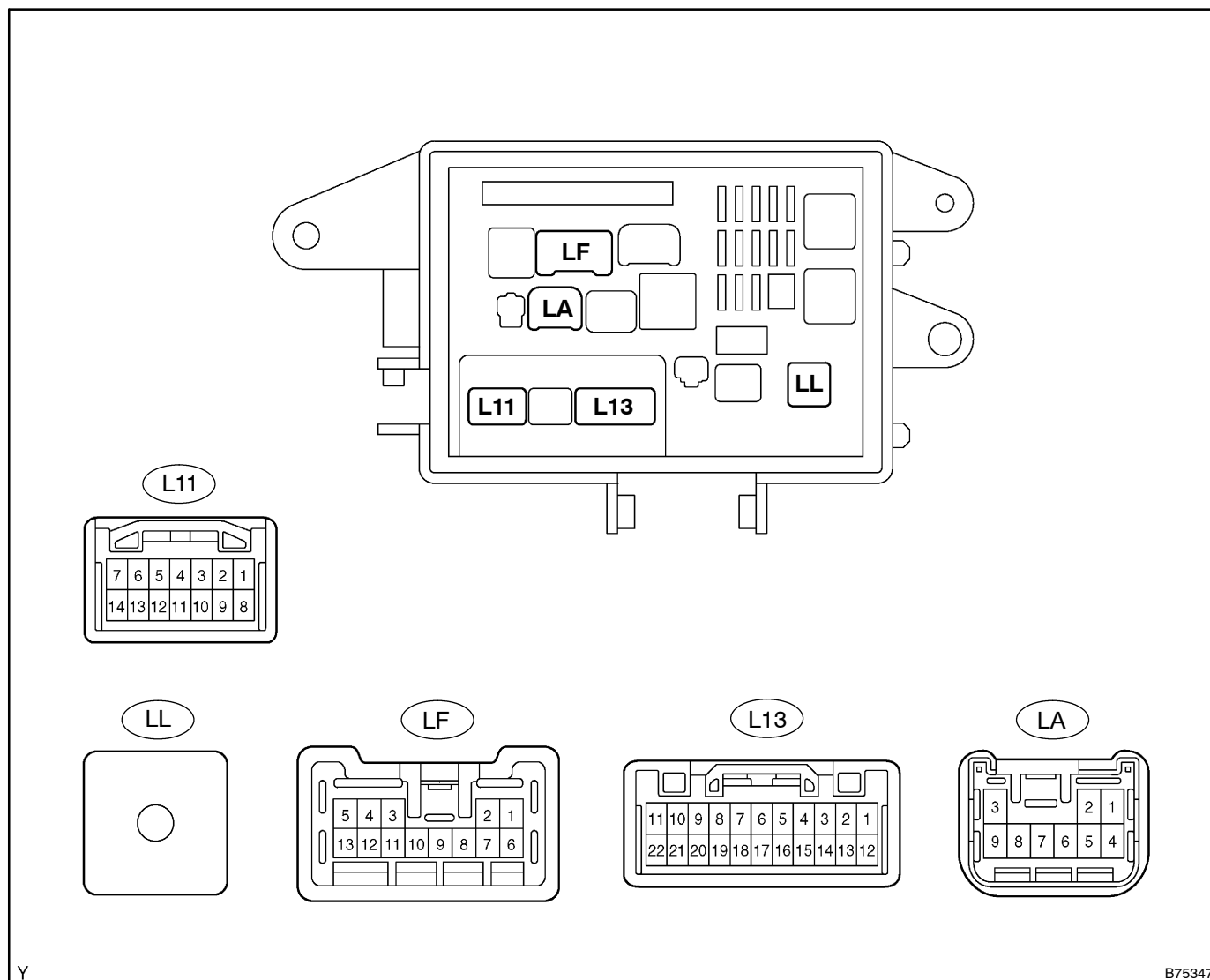
- Disconnect the DI, DG J/B, D4 and D5 ECU connectors.
- Measure the voltage and resistance of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-B (D4-1) – Body ground	R-B – Body ground	+B (MPX-B) power supply	Constant	10 to 14 V
MPX-IG (DI-10) – Body ground	L – Body ground	+B (MPX-IG) power supply	Ignition switch 1: OFF → 2: ON	1: Below 1 V → 2: 10 to 14 V
GND (DG-7) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
GND2 (D4-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
TSW (D5-10) – Body ground	V – Body ground	Luggage compartment door opener switch door opener switch input	Luggage compartment door opener switch 1: OFF → 2: ON	1: 10 k Ω or higher → 2: Below 1 Ω

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

3. CHECK LUGGAGE ROOM J/B ECU



- Disconnect the LA, LL, LF J/B, and L11, L13 ECU connectors.
- Measure the resistance and voltage of each terminal of the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX-IG (LF-13) – Body ground	L – Body ground	Battery (power supply)	Ignition switch 1: OFF → 2: ON	1: Below 1 V → 2: 10 to 14 V
MPX-B (LF-12) – Body ground	SB*1 – Body ground R*2 – Body ground	Battery (power supply)	Constant	10 to 14 V
P-GND (LA-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
SG (L13-5) – Body ground	W-B – Body ground	Ground	Constant	Below 1 Ω
HIC (LL-1) – Body ground	B-W – Body ground	+B power supply	Constant	10 to 14 V
BDCY (L13-8) – Body ground	L*1 – Body ground GR*2 – Body ground	Door lock switch (luggage) input	Door lock switch (luggage) 1: OFF → 2: ON	1: 10 kΩ or higher → 2: Below 1 Ω

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
TKUL (L11-3) – Body ground	V – Body ground	Luggage compartment door key unlock switch input	Luggage compartment door key unlock switch 1: OFF → 2: ON	1: 10 kΩ or higher → 2: Below 1 Ω
LPSW*3 (L11-2) – Body ground	BR*1 – Body ground R*2 – Body ground	Luggage compartment door push switch input	Luggage compartment door push switch 1: OFF → 2: ON	1: 10 kΩ or higher → 2: Below 1 Ω

If the result is not as specified, the wire harness side may have a malfunction.

*1: LHD

*2: RHD

*3: w/ Smart entry system

(c) Reconnect the LA, LL, LF J/B, and L11, L13 ECU connectors.

(d) Measure the voltage and resistance of each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
LCM+ (L11-8) – LCM– (L11-1)	V – L	Luggage door closer motor output	1: Luggage door OPEN → 2: Motor in closed operation → 3: Operation completed (luggage door CLOSED)	1: Below 1 V → 2: 10 to 14 V → 3: Below 1 V
LCTY (L11-4) – Body ground	G – Body ground	Luggage door courtesy switch input	Luggage door 1: CLOSED → 2: OPEN	1: Below 1 Ω → 2: 10 kΩ or higher
LCLS (L11-6) – Body ground	GR – Body ground	Luggage door position switch (close) input	1: Luggage door OPEN → 2: Motor in closed operation → 3: Operation completed (luggage door CLOSED)	1: Below 1 V → 2: 10 to 14 V → 3: Below 1 V
LOPN (L11-7) – Body ground	B – Body ground	Luggage door position switch (open) input	1: Luggage door OPEN → 2: Motor in closed operation → 3: Operation completed (luggage door CLOSED)	1: 10 to 14 V → 2: 10 to 14 V → 3: Below 1 V

If the result is not as specified, the luggage room J/B ECU may have a malfunction.