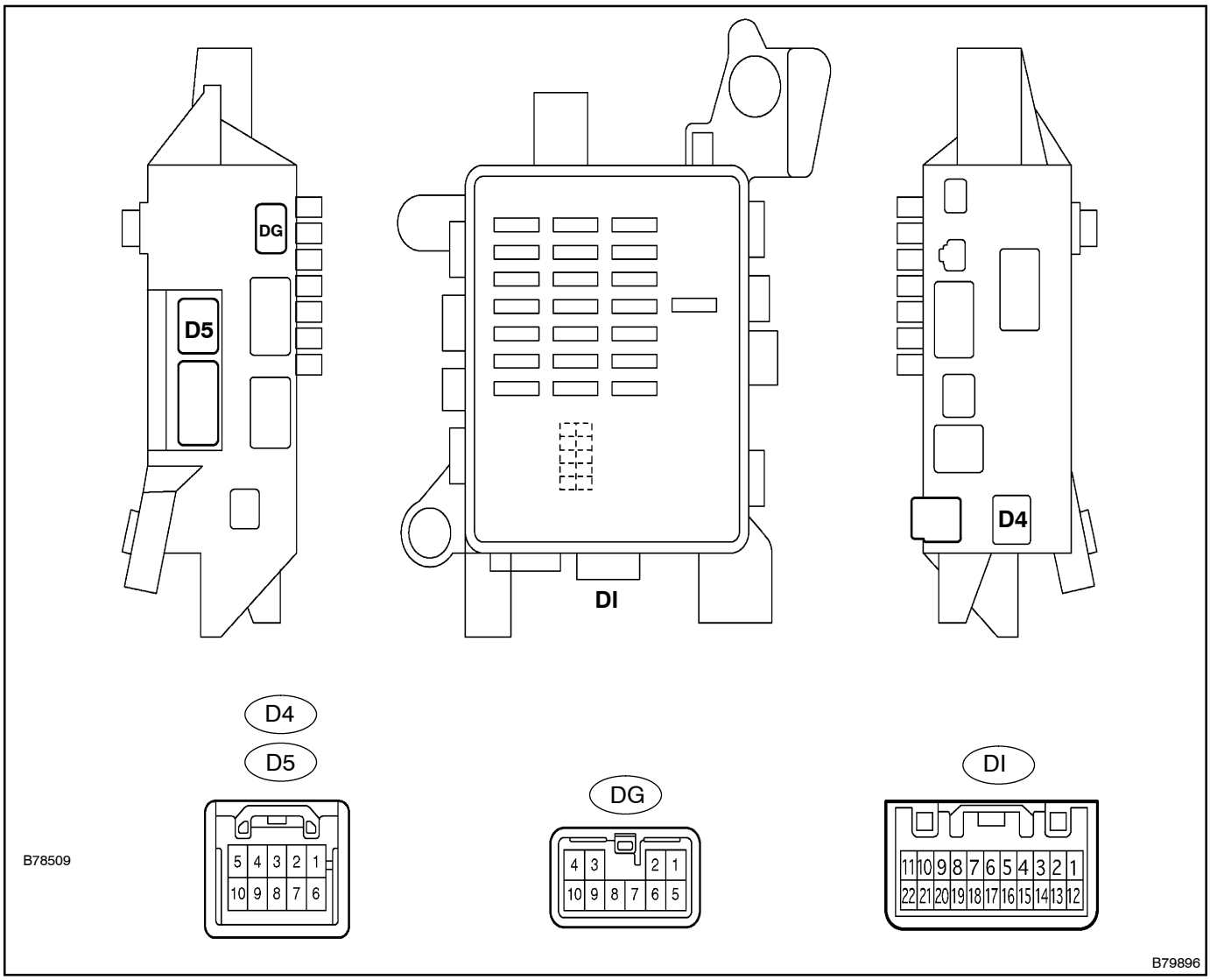
05I5S–01

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.

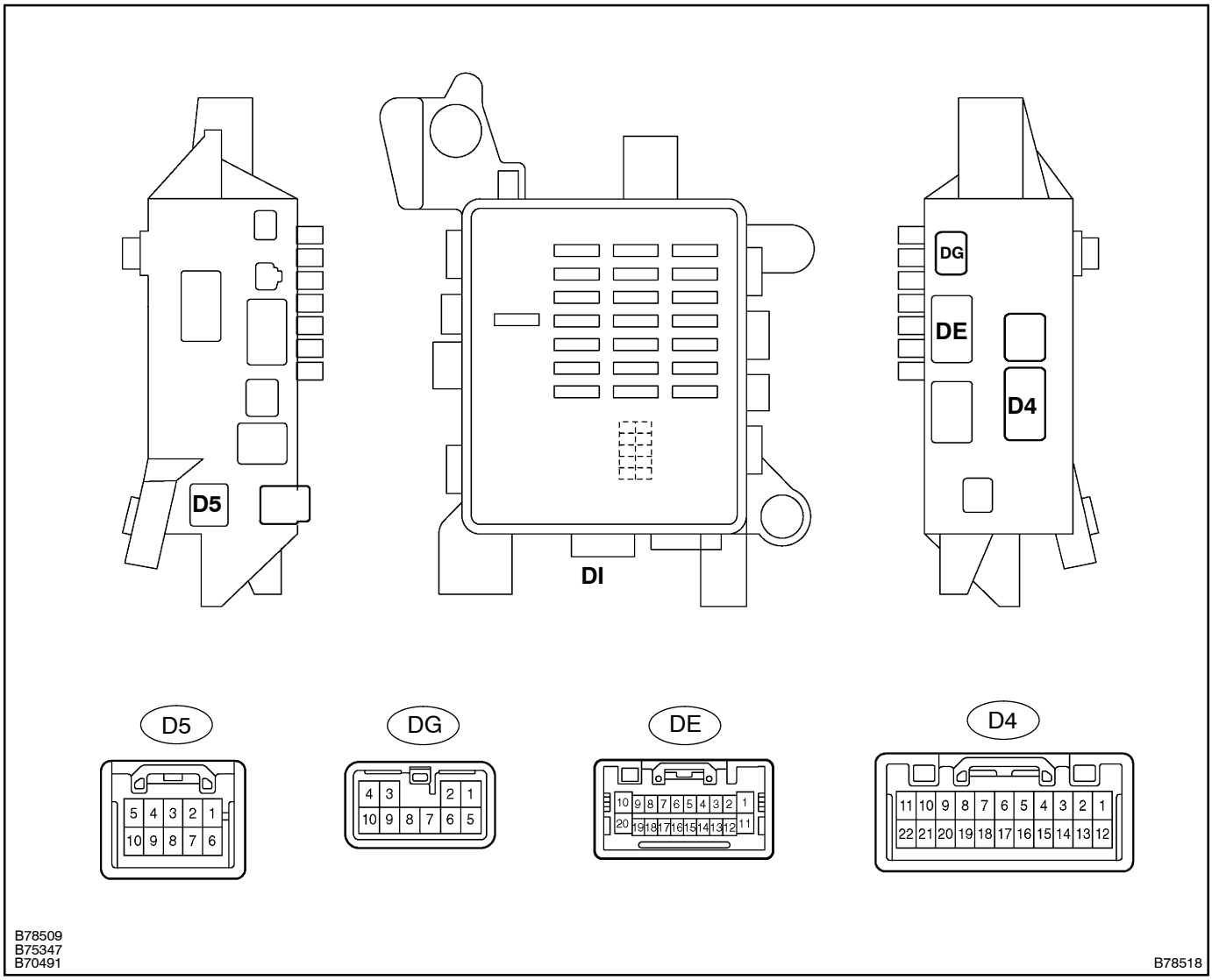
(b) Measure the voltage and resistance of each terminal of the wire harness side connectors.

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)

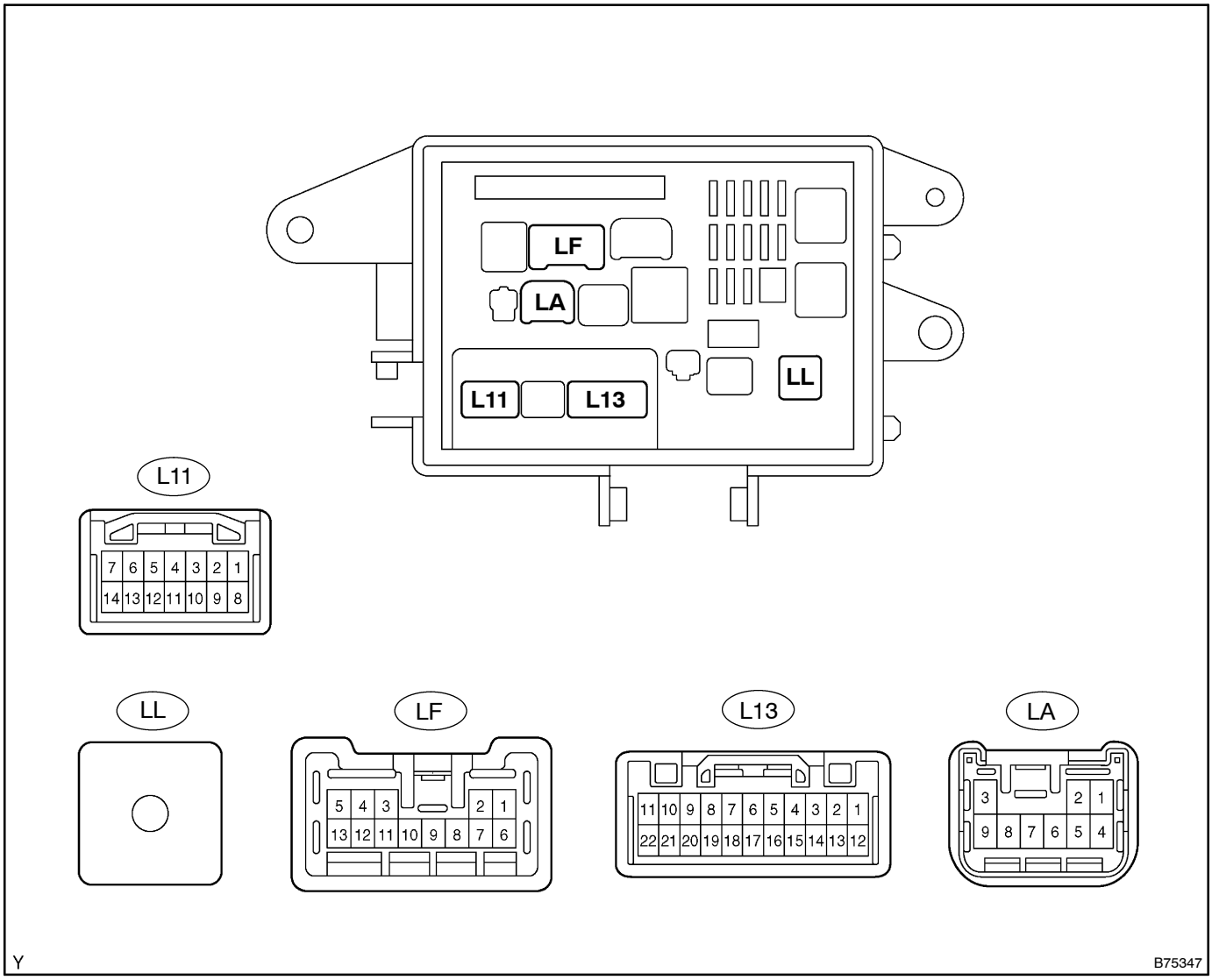


(a) Disconnect the DI, DG J/B, D4 and D5 ECU connectors.
(b) Measure the voltage and resistance of each terminal of the wire harness side connectors.
Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX–B (D4–1) – 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 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, there may be a malfunction on the wire harness side.

3. CHECK LUGGAGE ROOM J/B ECU



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

(b) 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 to14 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.