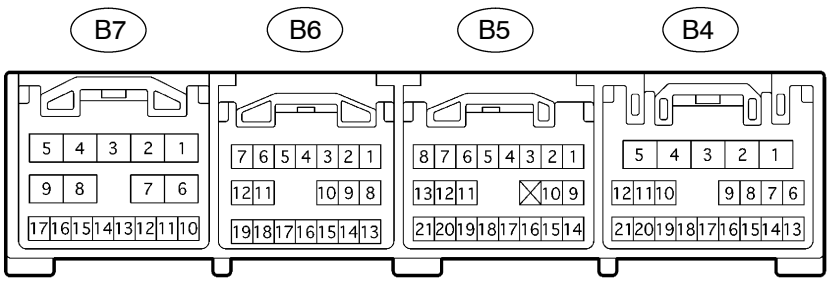
05JYE–01

TERMINALS OF ECU

1. CHECK MULTIPLEX NETWORK BODY ECU (BODY ECU)



B61267

(a) Disconnect the B4, B5 and B7 ECU connectors.

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

Standard:

Symbols (Terminals No.)	Wiring Color	Condition	Specified condition
BDR1 (B7–4) – Body ground	B – Body ground	Constant	10 to 14 V
IG (B4–5) – Body ground	L – Body ground	Ignition switch OFF → ON	0 V → 10 to 14 V
GND1 (B7–7) – Body ground	W–B – Body ground	Constant	Below 1 Ω
KSW (B5–2) – Body ground	G – Body ground	No key in ignition key cylinder → With key	10 kΩ or higher → Below 1 Ω
ACC (B4–17) – Body ground	B – Body ground	Ignition switch OFF → ON	0 V → 10 to 14 V
BECU (B7–9) – Body ground	G – Body ground	Constant	10 to 14 V

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

(c) Reconnect the B4, B5 and B7 ECU connectors.

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

Standard:

Symbols (Terminals No.)	Wiring Color	Condition	Specified condition
DCTY (B6–11) – Body ground	B – Body ground	Driver's door CLOSED → OPEN	10 to 14 V → Below 1 V
KSW (B5–2) – Body ground	G – Body ground	No key in ignition key cylinder → With key	10 to 14 V → Below 1 V
ACT+ (B7–1) – Body ground	L – Body ground	Master switch and driver's door key cylinder OFF → LOCK	0 V → 10 to 14 V → 0 V
PCTY (B7–16) – Body ground	SB – Body ground	Passenger's door CLOSED → OPEN	10 to 14 V → Below 1 V
RCTY (B7–15) – Body ground	LG – Body ground	Rear door (RH, LH) CLOSED → OPEN	10 to 14 V → Below 1 V
ACT– (B7–6) – Body ground	W – Body ground	Master switch and driver's door key cylinder OFF → UNLOCK	0 V → 10 to 14 V → 0 V

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