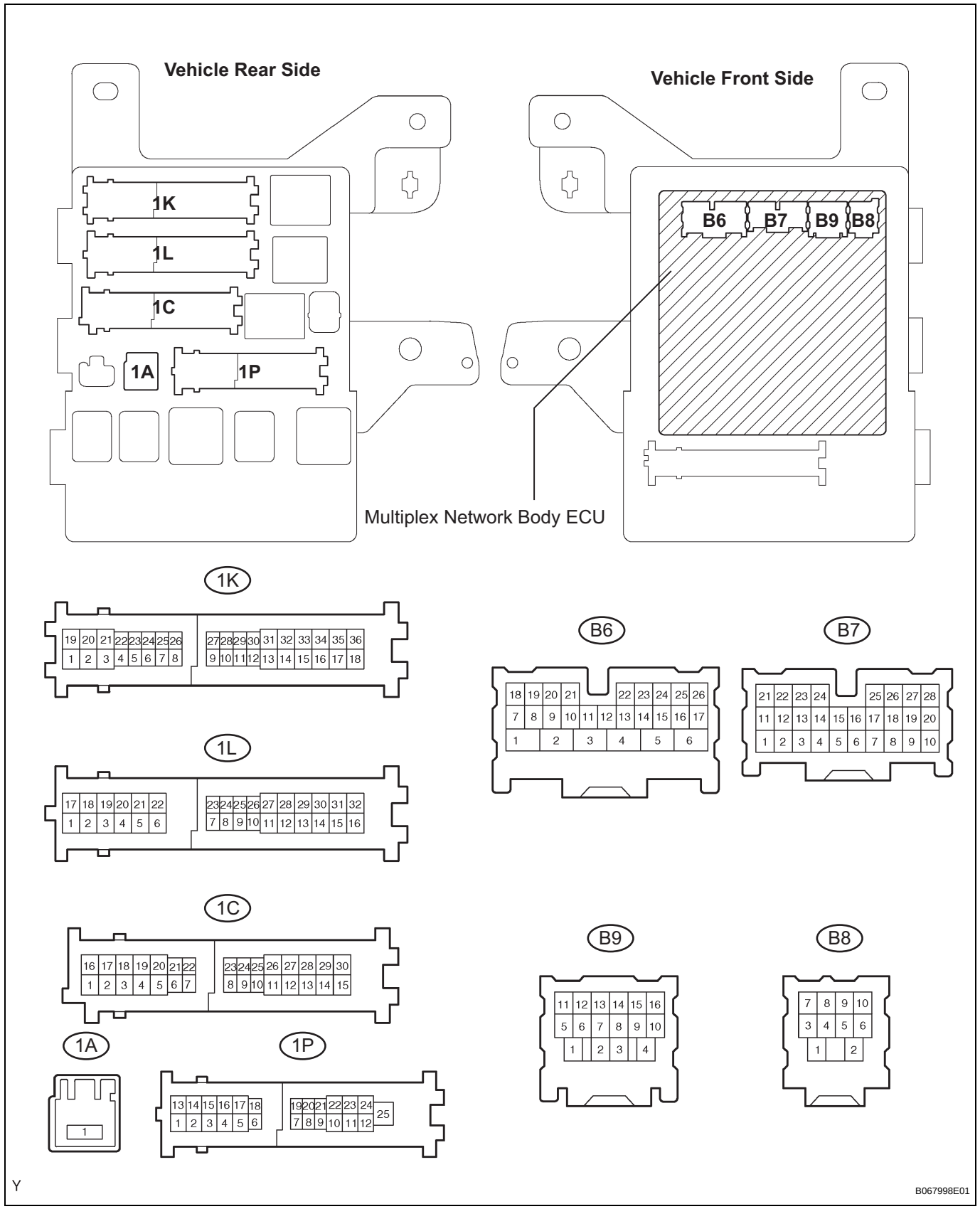
TERMINALS OF ECU

1. INSTRUMENT PANEL JUNCTION BLOCK (MULTIPLEX NETWORK BODY ECU)

(a) Disconnect the B6, B7 and B9 ECU connectors.

(b) Disconnect the 1A, 1C, 1K, 1L and 1P J/B connectors.



(c) Check the voltage or resistance according to the value(s) in the table below (wire harness side connector).

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
IG (1A-1) - Body ground	W - Body ground	+B (power system, generator system) power supply	Always	10 to 14 V
ACC (1A-1) - Body ground	W - Body ground	+B (power system, generator system) power supply	Always	10 to 14 V
BECU (1C-24) - Body ground	W-L - Body ground	+B (BECU) power supply	Always	10 to 14 V
ALTB (1C-30) - Body ground	B - Body ground	+B (power system, generator system) power supply	Always	10 to 14 V
GND1 (1L-16) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
GND2 (1K-17) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
LCTY (1P-19) - Body ground	GR - Body ground	Rear courtesy light switch LH input	Rear door LH closed → opened	10 kΩ or higher → Below 1 Ω
KSW (B6-21) - Body ground	L-B - Body ground	Unlock warning switch input	No key in ignition key cylinder → key inserted	10 kΩ or higher → Below 1 Ω
PCTY (B7-23) - Body ground	R-Y - Body ground	Passenger side courtesy light switch input	Passenger side door closed → opened	10 kΩ or higher → Below 1 Ω
BCTY (B7-25) - Body ground	G-W - Body ground	Back door courtesy light switch input	Back door closed → opened	10 kΩ or higher → Below 1 Ω
DCTY (B9-14) - Body ground	R-Y - Body ground	Driver side courtesy light switch input	Driver side door closed → opened	10 kΩ or higher → Below 1 Ω
RCTY (B9-16) - Body ground	R-W - Body ground	Rear courtesy light switch RH input	Rear door RH closed → opened	10 kΩ or higher → Below 1 Ω

DL

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

(d) Reconnect the B6, B7 and B9 ECU connectors.
(e) Reconnect the 1A, 1C, 1K, 1L and 1P J/B connectors.
(f) Check the voltage according to the value(s) in the table below (ECU side connector).

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
HAZ (B6-2) - Body ground	G-O - Body ground	Hazard warning light signal	Answer-back OFF → answer-back ON	Below 1 V → Pulse generation
BZR (B8-2) - Body ground	G - Body ground	Wireless door lock buzzer	Wireless door lock buzzer OFF → ON	Below 1 V → Pulse generation
RDA (B9-12) - Body ground	P-L - Body ground	Door control receiver input	No key in ignition key cylinder, all doors closed and transmitter switch OFF → ON	Below 1 V → Approx. 6 to 7 → Below 1 V

If the result is not as specified, the instrument panel J/B (multiplex network body ECU) may have a malfunction.