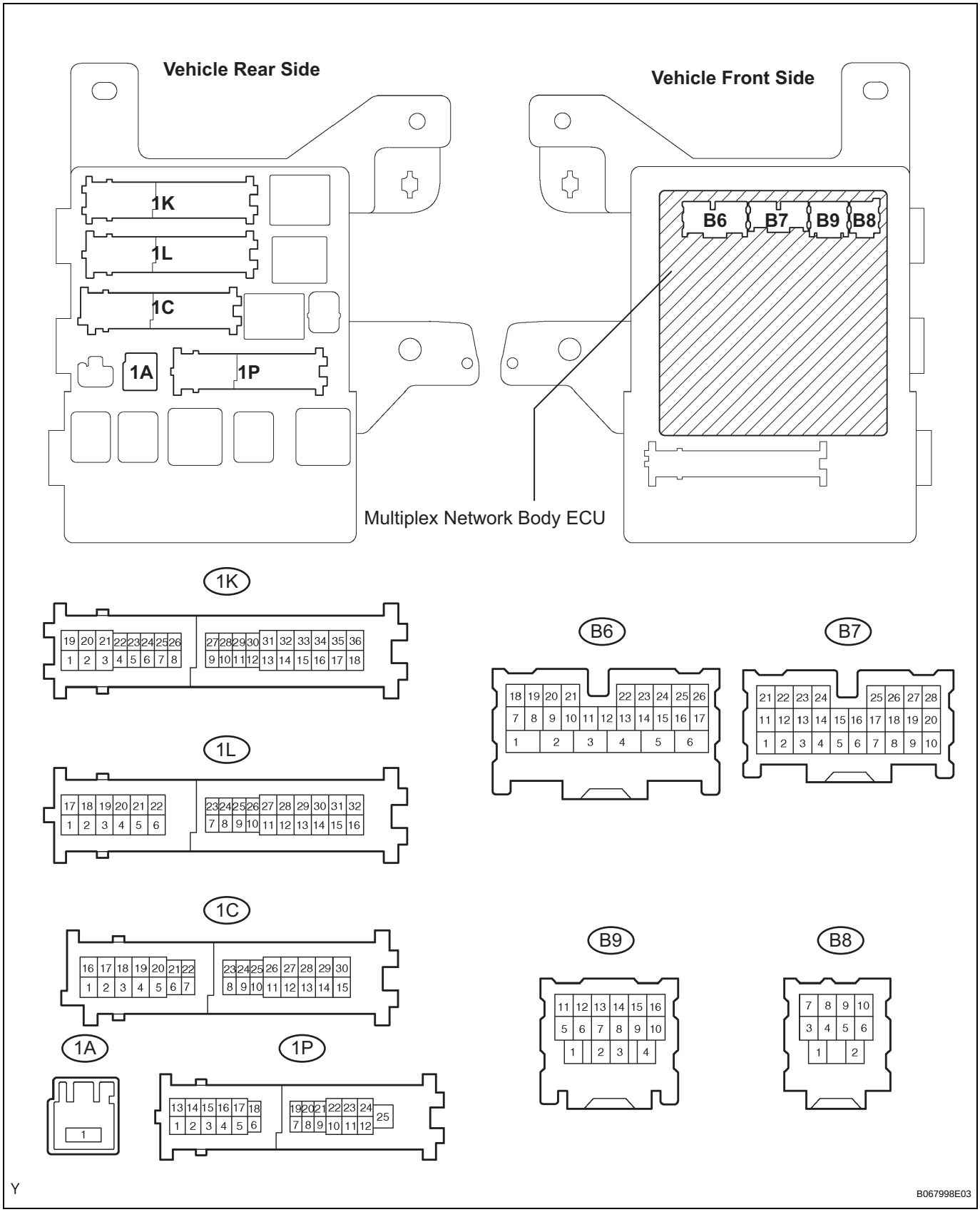
TERMINALS OF ECU

1. CHECK INSTRUMENT PANEL J/B ASSEMBLY (MULTIPLEX NETWORK BODY ECU)

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



(b) Disconnect the 1A, 1C, 1L and 1K J/B connectors.
(c) Measure the voltage and resistance between each terminal of the wire harness side connectors and body ground.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
IG (1A-1) - Body ground	W - Body ground	Ignition power supply	Always	10 to 14 V
ACC (1A-1) - Body ground	W - Body ground	Ignition power supply (ACC signal)	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 LH courtesy switch	Rear door LH CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω
KSW (B6-21) - Body ground	L-B - Body ground	Key unlock warning switch input	No key in ignition key cylinder (OFF) → Key inserted (ON)	10 kΩ or higher → Below 1 Ω
PCTY (B7-23) - Body ground	R-Y - Body ground	Passenger side courtesy switch	Passenger side door CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω
BCTY (B7-25) - Body ground	G-W - Body ground	Back door courtesy switch	Back door CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω
DCTY (B9-14) - Body ground	R-Y - Body ground	Driver side courtesy switch	Driver side door CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω
RCTY (B9-16) - Body ground	R-W - Body ground	Rear RH courtesy switch	Rear door RH CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω
HCTY (B8-10) - Body ground	R-W - Body ground	Engine hood courtesy switch	Engine hood CLOSED (OFF) → OPEN (ON)	10 kΩ or higher → Below 1 Ω

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, 1L and 1K J/B connectors.
(f) Measure the voltage between each terminal of the connectors and the body ground.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
HORN (1C-25) - Body ground	G-B - Body ground	Vehicle horn drive	Vehicle horn is sounding (Theft deterrent system is in alarm sounding state)	Pulse generation (0 V ← → 12 V)
HAZ (B6-2) - Body ground	G-O - Body ground	Hazard warning light drive	Answer-back OFF → Answer-back ON	Below 1 V → Pulse generation
IND (B6-24)* - Body ground	B - Body ground	Security indicator output	Security indicator lights up (It lights up only for 30 sec. in alarm sounding state. It flashes when immobiliser system is operating.)	3 to 6 V
SH (B8-1) - Body ground	GR - Body ground	Security horn drive	Security horn is sounding (Theft deterrent system is in alarm sounding state)	Pulse generation (0 V ← → 12 V)

*: with Engine Immobiliser System
If the result is not as specified, the J/B assembly (body ECU) may have a malfunction.

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