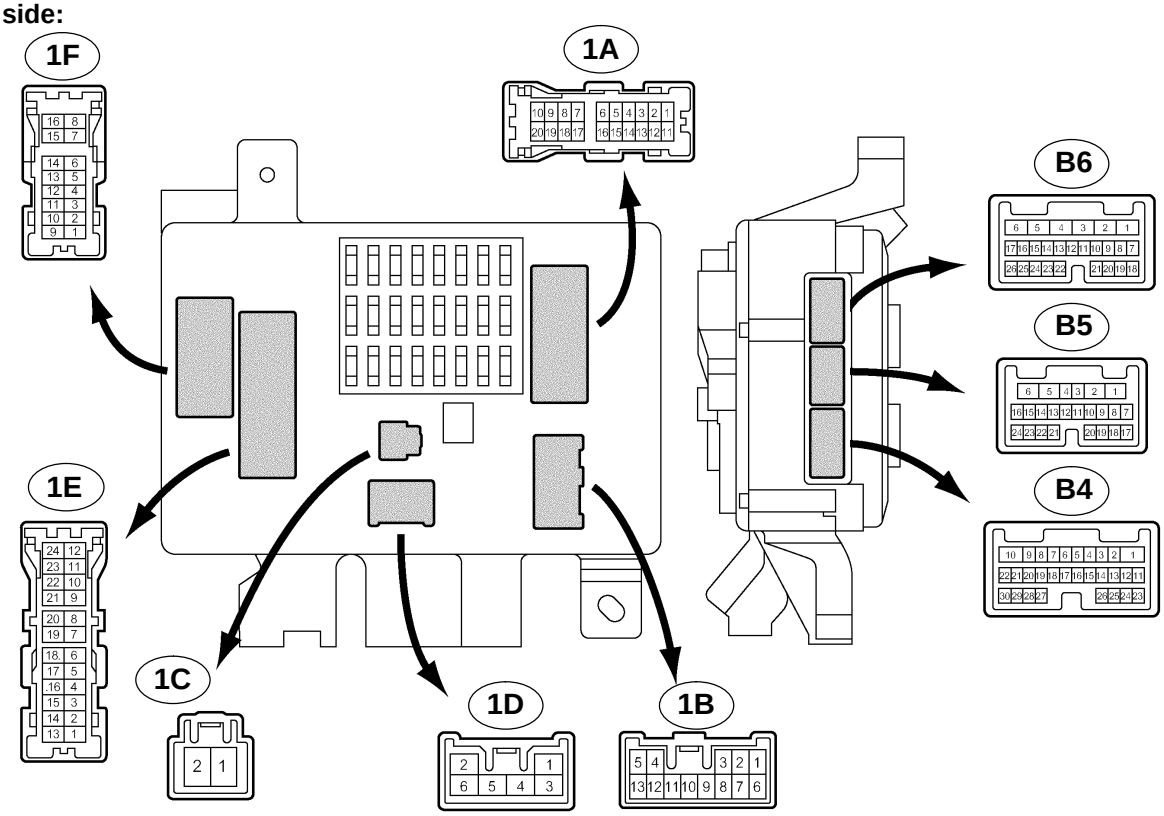
059VZ-01

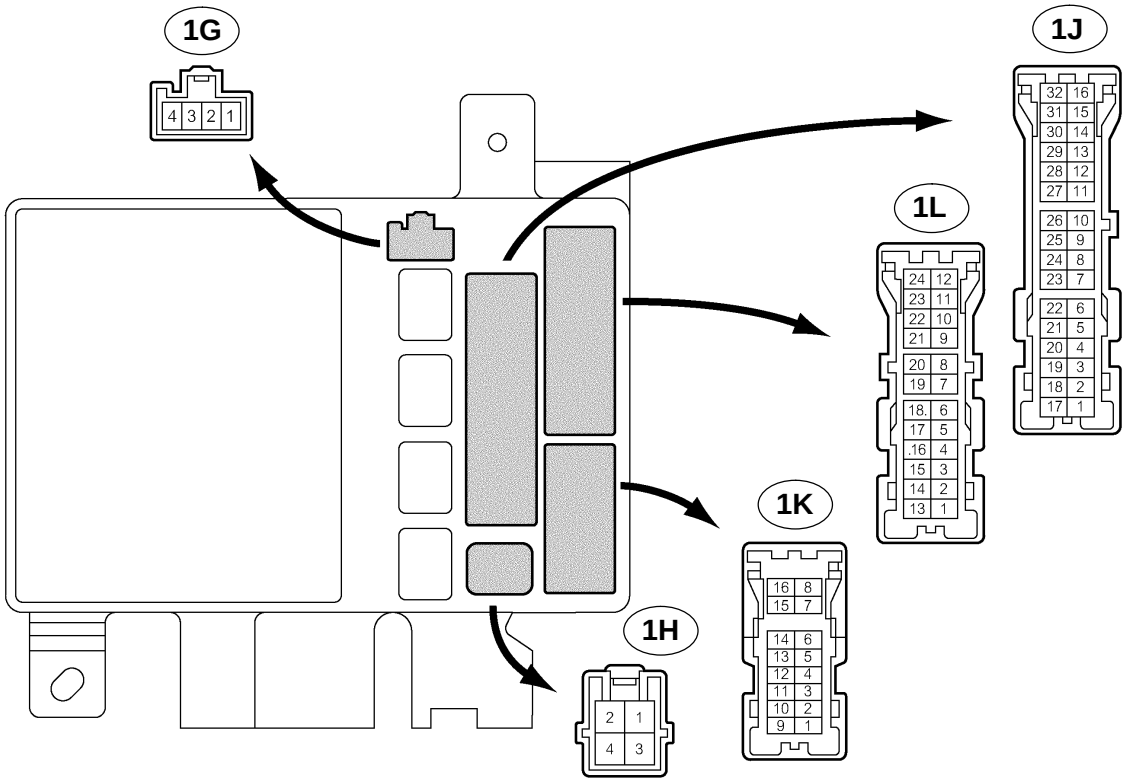
TERMINALS OF ECU

1. Multiplex Network Body Computer

Front side:



Back side:



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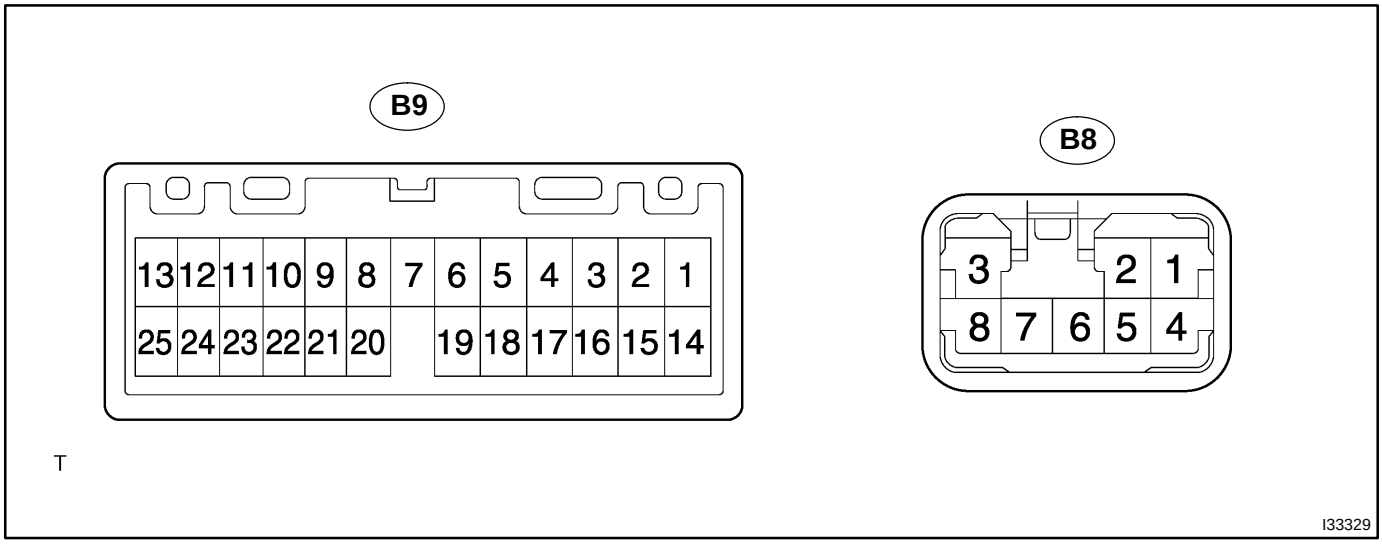
E65749

I34371

Terminal No. (Symbols)	Wiring color	Condition	Specified condition
1H-2 ⇔ Body ground (GND1 ⇔ Body ground)	-	Constant	Below 1 V
1K-15, 1L-16 ⇔ 1H-2 (LSR ⇔ GND1, 2)	-	Rear door lock switch is unlock position	Below 1 V
		Rear door lock switch is lock position	10 - 14 V
1C-2 ⇔ 1H-2 (SIG ⇔ GND1,2)	-	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
1B-4 ⇔ 1H-2 (BECU ⇔ GND1,2)	-	Constant	10 - 14 V
1A-8, 1A-9 ⇔ 1H-2 (ILE ⇔ GND1,2)	-	Key cylinder illumination, room lamp is OFF	Below 1 V
		Key cylinder illumination, room lamp is ON	10 - 14 V
1H-2 ⇔ Body ground (GND2 ⇔ Body ground)	-	Constant	Below 1 V
1B-8 ⇔ 1H-2 (HRLY ⇔ GND1, 2)	-	Ignition switch is ON and combination switch is OFF	Below 1 V
		Ignition switch is ON and combination switch is HEAD	10 - 14 V
1C-1 ⇔ 1H-2 (TRLY ⇔ GND1, 2)	-	Ignition switch is ON and combination switch is OFF	Below 1 V
		Ignition switch is ON and combination switch is TAIL	10 - 14 V
1D-5 ⇔ 1H-2 (ACC ⇔ GND1, 2)	-	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
B4-3 ⇔ 1H-2 (LMRY ⇔ GND1, 2)	R ⇔ -	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
B4-7 ⇔ 1H-2 (DRL ⇔ GND1, 2)	LG-R ⇔ -	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
B4-21 ⇔ 1H-2 (LSWD ⇔ GND1, 2)	W-R ⇔ -	Front LH door lock switch is unlock position	Below 1 V
		Front LH door lock switch is lock position	10 - 14 V
B4-23 ⇔ 1H-2 (MPX2 ⇔ GND1, 2)	BR-R ⇔ -	Constant	Signal waveform
B4-25 ⇔ 1H-2 (PCYL ⇔ GND1, 2)	Y ⇔ -	Front RH courtesy lamp is OFF	10 - 14 V
		Front RH courtesy lamp is ON	Below 1 V
B4-26 ⇔ 1H-2 (DCYL ⇔ GND1, 2)	W-G ⇔ -	Front LH courtesy lamp is OFF	10 - 14 V
		Front LH courtesy lamp is ON	Below 1 V
B4-30 ⇔ 1H-2 (LSWP ⇔ GND1, 2)	B-W ⇔ -	Front RH door lock switch is unlock position	Below 1 V
		Front RH door lock switch is lock position	10 - 14 V
B5-6 ⇔ 1H-2 (LP ⇔ GND1, 2)	W-R ⇔ -	Side step lamp is OFF	Below 1 V
		Side step lamp is ON	10 - 14 V
B5-11 ⇔ 1H-2 (RLCY ⇔ GND1, 2)	P-B ⇔ -	Rear LH door is close	10 - 14 V
		Rear LH door is open	Below 1 V
B5-12 ⇔ 1H-2 (RRCY ⇔ GND1, 2)	P-L ⇔ -	Rear RH door is close	10 - 14 V
		Rear RH door is open	Below 1 V
B5-21 ⇔ 1H-2 (LCYL ⇔ GND1, 2)	P-G ⇔ -	Rear LH courtesy lamp is OFF	10 - 14 V
		Rear LH courtesy lamp is ON	Below 1 V
B5-22 ⇔ 1H-2 (RCYL ⇔ GND1, 2)	L-R ⇔ -	Rear RH courtesy lamp is OFF	10 - 14 V
		Rear RH courtesy lamp is ON	Below 1 V
B5-23 ⇔ 1H-2 (DCTY ⇔ GND1, 2)	R-B ⇔ -	Front LH door is close	10 - 14 V
		Front LH door is open	Below 1 V
B5-24 ⇔ 1H-2 (PCTY ⇔ GND1, 2)	R-Y ⇔ -	Front RH door is close	10 - 14 V
		Front RH door is open	Below 1 V

B6-1 ⇔ 1H-2 (HEAD ⇔ GND1, 2)	R ⇔ -	Ignition switch is ON and combination switch is OFF	10 - 14 V
		Ignition switch is ON and combination switch is ON	Below 1 V
B6-3 ⇔ 1H-2 (A ⇔ GND1, 2)	G-O ⇔ -	Ignition switch is ON and combination switch is OFF	10 - 14 V
		Ignition switch is ON and combination switch is AUTO	Below 1 V
B6-4 ⇔ 1H-2 (CLTS ⇔ GND1, 2)	Y ⇔ -	Cover the sensor with hand → Stop covering	Signal waveform
B6-6 ⇔ 1H-2 (CLTB ⇔ GND1, 2)	L-Y ⇔ -	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
B6-8 ⇔ 1H-2 (TAIL ⇔ GND1, 2)	G ⇔ -	Ignition switch is ON and combination switch is OFF	10 - 14 V
		Ignition switch is ON and combination switch is TAIL	Below 1 V
B6-21 ⇔ 1H-2 (CLTE ⇔ GND1, 2)	G-W ⇔ -	Constant	Below 1 V

2. Multiplex Network Door ECU:



Terminal No. (Symbols)	Wiring Color	Condition	STD Voltage (V)
B8-1 ⇔ B8-3 (MPX2 ⇔ GND)	R ⇔ W-B	Constant	Signal waveform
B8-3 ⇔ Body ground (GND ⇔ Body ground)	W-B ⇔ -	Constant	Below 1 V
B8-4 ⇔ B8-3 (BDR ⇔ GND)	L ⇔ W-B	Constant	10 - 14 V
B8-5 ⇔ B8-3 (BECU ⇔ GND)	L-R ⇔ W-B	Constant	10 - 14V
B8-6 ⇔ B8-3 (SIG ⇔ GND)	B ⇔ W-B	Ignition switch is OFF	Below 1 V
		Ignition switch is ON	10 - 14 V
B9-7 ⇔ B8-3 (FULL ⇔ GND)	G-Y ⇔ W-B	Backdoor is close	10 - 14 V
		Backdoor is open	Below 1 V
B9-8 ⇔ B8-3 (POS ⇔ GND)	BR-W ⇔ W-B	Backdoor lock switch is unlock position	Below 1 V
		Backdoor lock switch is lock position	10 - 14 V
B9-21 ⇔ B8-3 (LSE ⇔ GND)	B-R ⇔ W-B	Constant	10 - 14 V