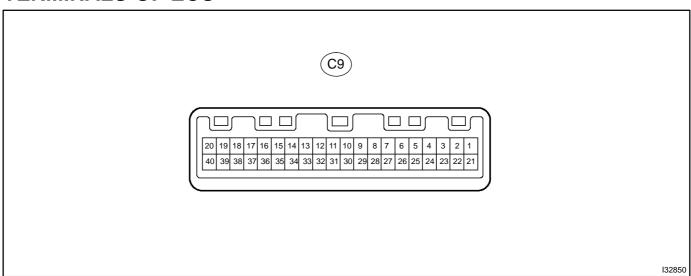
057KD-04

## **TERMINALS OF ECU**



Terminals No. (Symbols)	Wiring Color	Condition	STD Voltage (V)
1 $\leftrightarrow$ Body ground (SIGNAL EARTH $\leftrightarrow$ Body ground)	BR	Constant	Continuity
$2 \leftrightarrow Body \ ground$ (POWER EARTH $\leftrightarrow$ Body ground)	W–B	Constant	Continuity
$3 \leftrightarrow Body ground$ (O/D $\leftrightarrow Body ground$ )	LG	O/D off indicator light ON $\rightarrow$ OFF	Below 1V → 10 – 14 V
$4 \leftrightarrow Body ground$ (IG1+ $\leftrightarrow Body ground$ )	R-W	Ignition switch OFF or ACC $ ightarrow$ ON	Below 1V → 10 – 14 V
5 ↔ Body ground (+B ↔ Body ground)	L–W	Constant	10 – 14 V
6 ↔ Body ground (P–BELT OUT ↔ Body ground)	L	Passenger seat belt warning ON → OFF	Below 1V ↔ 10 – 14 V
7 ↔ Body ground (FUEL ↔ Body ground)	Y	Fuel level is full → empty	Below 1V → 4 − 7 V
8 ↔ Body ground (TEMP ↔ Body ground)	Y–R	Ignition switch ON	Pulse generation
$9 \leftrightarrow Body ground$ (SP IN $\leftrightarrow Body ground$ )	W–G	Ignition switch ON and slowly turn drive wheel	Below 1 V ↔ 10 – 14 V
10 ↔ Body ground (4P OUT ↔ Body ground)	V–W	Ignition switch ON and slowly turn drive wheel	Below 1 V ↔ 10 – 14 V
11 ↔ Body ground (P BELT SW ↔ Body ground)	L–W	Ignition switch ON and passenger seat belt buckle switch ON (Belt unfastened)	Below 1 V
		Ignition switch ON and passenger seat belt buckle switch OFF (Belt fastened)	10 – 14 V
12 ↔ Body ground (D BELT SW ↔ Body ground)	G–Y	Ignition switch ON and driver seat belt buckle switch ON (Belt unfastened)	Below 1 V
		Ignition switch ON and driver seat belt buckle switch OFF (Belt fastened)	10 – 14 V
13 ↔ Body ground (BEAM– ↔ Body ground)	W–B	Hi beam indicator light ON → OFF	Below 1V → 10 – 14 V
14 ↔ Body ground (BEAM+ ↔ Body ground)	R	Constant	10 – 14 V

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## **DIAGNOSTICS** – COMBINATION METER

16 ↔ Body ground (KEY SW ↔ Body ground)	L–B	Ignition key inserted	Below 1 V
		No ignition key inserted	10 – 14 V
17 ↔ Body ground (D DOOR ↔ Body ground)	R-W	Driver door opened → closed	Below 1V → 10 – 14 V
18 ↔ Body ground (ILL+ ↔ Body ground)	G	Tail light switch OFF → ON	Below 1V → 10 – 14 V
19 $\leftrightarrow$ Body ground (TACHO $\leftrightarrow$ Body ground)	В	Engine running	Pulse generation
20 $\leftrightarrow$ Body ground (EXCEPT D DOOR $\leftrightarrow$ Body ground)	R	Passenger door opened $ ightarrow$ closed	Below 1V → 10 – 14 V
$21 \leftrightarrow Body ground$ (OIL P $\leftrightarrow Body ground$ )	W	Oil pressure warning light $ON \to OFF$	Below 1V → 10 – 14 V
$22 \leftrightarrow Body ground$ (FUEL EARTH $\leftrightarrow Body ground$ )	BR	Constant	Continuity
$ 23 \leftrightarrow \text{Body ground} $ (CRUISE $\leftrightarrow$ Body ground)	G–R	Ignition switch ON and cruise indicator light ON $\rightarrow$ OFF	Below 1V → 10 – 14 V
$ 24 \leftrightarrow \text{Body ground} \\ (\text{TURN L} \leftrightarrow \text{Body ground}) $	G–B	Left turn indicator light OFF $ ightarrow$ ON	Below 1V → 10 – 14 V
$25 \leftrightarrow Body ground$ (TURN R $\leftrightarrow Body ground$ )	G–Y	Right turn indicator light OFF $ ightarrow$ ON	Below 1V → 10 – 14 V
$26 \leftrightarrow 30 \\ (\text{OUT SIDE TEMP+} \leftrightarrow \text{OUT} \\ \text{SIDE TEMP-})$	B – B–L	Outside temperature at +25°C (77°F)	1.6 – 1.8ΚΩ
$28 \leftrightarrow Body ground$ (ILL- $\leftrightarrow Body ground$ )	W–R	Ignition switch On and light control rheostat volume minimum	No voltage
31 ↔ Body ground (CHG– ↔ Body ground)	Υ	Discharge indicator light OFF → ON	Below 1V → 10 – 14 V
32 ↔ Body ground (IG2 ↔ Body ground)	В-О	Ignition switch OFF $\rightarrow$ ON	Below 1V → 10 – 14 V
$33 \leftrightarrow \text{Body ground}$ (CHK ENG $\leftrightarrow \text{Body ground}$ )	R–Y	Malfunction indicator light ON → OFF	Below 1V → 10 – 14 V
$34 \leftrightarrow \text{Body ground}$ (WASHER LEVEL $\leftrightarrow \text{Body}$ ground)	* L–W	Washer level indicator light ON $\rightarrow$ OFF	Below 1V → 10 − 14 V
$35 \leftrightarrow Body\ ground$ (BRAKE LEVEL SW $\leftrightarrow Body$ ground)	R–W	Ignition switch ON and brake fluid level warning light ON $\rightarrow$ OFF	Below 1V → 10 − 14 V
36 ↔ Body ground (EBD ↔ Body ground)	R	Brake warning light ON $\rightarrow$ OFF	4 – 8 V → Below 1V
37 ↔ Body ground (ABS ↔ Body ground)	W–R	ABS warning light ON $\rightarrow$ OFF	4 − 8 V → Below 1V
$39 \leftrightarrow Body ground$ (A/B $\leftrightarrow Body ground$ )	В–Ү	A/B warning light ON $\rightarrow$ OFF	Below 1V $\rightarrow$ 6 – 11 V

<sup>\*:</sup> Canada

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