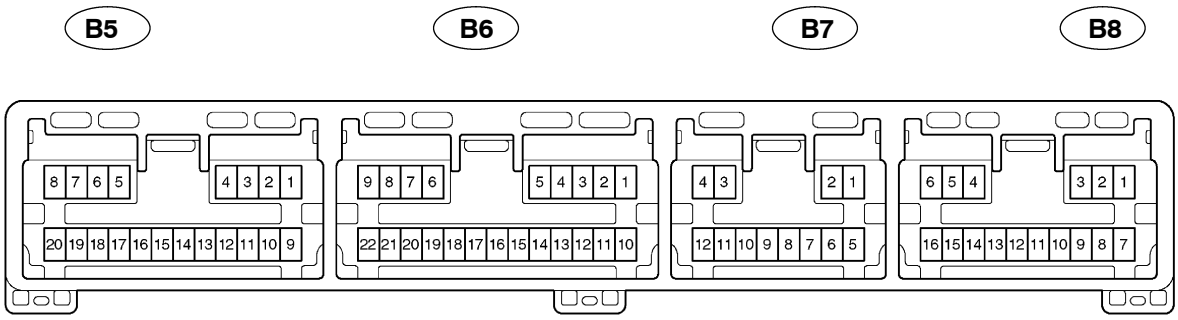
DI5VI–01

TERMINALS OF ECU

Body ECU



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Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
BECU ↔ GND1 (B8–4 ↔ B8–16)	R ↔ W–B	Constant.	10 – 14 V
BSUB ↔ GND1 (B8–1 ↔ B8–16)	V–R ↔ W–B	Constant.	10 – 14 V
WIG ↔ GND1 (B5–8 ↔ B8–16)	L ↔ W–B	Ignition switch position is ON.	10 – 14 V
SIG ↔ GND1 (B6–9 ↔ B8–16)	R–L ↔ W–B	Ignition switch position is ON.	10 – 14 V
ACC ↔ GND1 (B5–15 ↔ B8–16)	GR ↔ W–B	Ignition switch position is ACC.	10 – 14 V
GND1 ↔ Body Ground (B8–16 ↔ Body Ground)	W–B ↔ Body Ground	Constant.	Below 1 V
GND 2 ↔ Body Ground (B5–20 ↔ Body Ground)	W–B ↔ Body Ground	Constant.	Below 1 V
HRLY ↔ GND1 (B7–8 ↔ B8–16)	R–Y ↔ W–B	Ignition switch position is ON. Light control switch HEAD position.	Below 2 V
		Ignition switch position is ON. Light control switch OFF position.	10 – 14 V
TRLY ↔ GND1 (B7–3 ↔ B8–16)	V ↔ W–B	Ignition switch position is ON. Light control switch TAIL position.	Below 2 V
		Ignition switch position is ON. Light control switch OFF position.	10 – 14 V
CRG+ ↔ GND1 (B7–9 ↔ B8–16)	R–L ↔ W–B	Turn signal light switch is turned.	10 – 14 V
ILE ↔ GND1 (B6–6 ↔ B8–16)	P ↔ W–B	Each door are opened.	Below 2 V
		All doors are closed.	10 – 14 V
L ↔ GND1 (B7–1 ↔ B8–16)	Y ↔ W–B	Ignition switch ON.	10 – 14 V
		Engine running.	Below 1 V
ILRL ↔ GND1 (B6–1 ↔ B8–16)	P–G ↔ W–B	Rear interior light LH is OFF.	10 – 14 V
		Rear interior light RH is ON.	Below 1 V

ILRR ↔ GND1 (B6–2 ↔ B8–16)	P–B ↔ W–B	Rear interior light RH is OFF.	10 – 14 V
		Rear interior light RH is ON.	Below 1 V
S/S ↔ GND1 (B5–9 ↔ B8–16)	V ↔ W–B	Ignition switch position is ON. Wiper switch position is INT.	Voltage change 10 – 14 V ↔ Below 1 V
		Ignition switch position is ON. Wiper switch position is OFF.	Below 1 V
		Ignition switch position is ON. Washer switch position is ON → OFF.	10 – 14 V (for 2.5 sec)
KSW ↔ GND1 (B5–3 ↔ B8–16)	P–G ↔ W–B	Key, inserted	Below 1 V
		Key, not inserted	10 – 14 V
STPO ↔ GND1 (B8–6 ↔ B8–16)	V ↔ W–B	Brake is ON.	10 – 14 V
		Brake Is OFF.	Below 1 V
ILRS ↔ GND1 (B6–11 ↔ B8–16)	P–L ↔ W–B	Each door is opened.	Below 1 V
		All door is closed.	10 – 14 V
FUEL ↔ GND1 (B8–2 ↔ B8–16)	L–W ↔ W–B	Fuel lid opener S/W is operated.	Below 1 V
		Fuel lid opener S/W is not operated.	10 – 14 V
TSW ↔ GND1 (B6–17 ↔ B8–16)	L ↔ W–B	Luggage opener S/W is operated.	Below 1 V
		Luggage opener S/W is not operated.	10 – 14 V
DBKL ↔ GND1 (B6–21 ↔ B8–16)	V–G ↔ W–B	With seat belt on.	Below 1 V
		No seat belt on.	10 – 14 V
STPA ↔ GND1 (B8–15 ↔ B8–16)	O ↔ W–B	Brake is ON.	10 – 14 V
		Brake is OFF.	Below 1 V
STPI ↔ GND1 (B8–5 ↔ B8–16)	G–O ↔ W–B	Brake is ON.	10 – 14 V
		Brake is OFF.	Below 1 V
PKB ↔ GND1 (B6–10 ↔ B8–16)	LG ↔ W–B	Parking brake is used.	Below 1 V
		Parking brake is not used.	10 – 14 V
W ↔ GND1 (B5–18 ↔ B8–16)	L–Y ↔ W–B	Washer S/W is ON.	Below 1 V
		Washer S/W is OFF.	10 – 14 V
2S ↔ GND1 (B5–7 ↔ B8–16)	W–G ↔ W–B	Wiper S/W position is OFF.	10 – 14 V
		Wiper S/W position is INT, AUTO.	10 – 14 V
		Wiper S/W position is LO.	10 – 14 V
		Wiper S/W position is HI.	Below 1 V
C1 ↔ GND1 (B5–17 ↔ B8–16)	LG–R ↔ W–B	Wiper S/W position is OFF.	10 – 14 V
		Wiper S/W position is INT, AUTO.	Below 1 V
		Wiper S/W position is LO.	10 – 14 V
		Wiper S/W position is HI.	10 – 14 V
+1 ↔ GND1 (B5–6 ↔ B8–16)	L–B ↔ W–B	Wiper S/W position is OFF.	Below 1 V
		Wiper S/W position is INT, AUTO.	Below 1 V
		Wiper S/W position is LO.	10 – 14 V
		Wiper S/W position is HI.	Below 1 V
S/M ↔ GND1 (B5–1 ↔ B8–16)	W–L ↔ W–B	During the wiper is in operation.	Below 1 V
		When the wipers at a stop.	10 – 14 V
VR1 ↔ GND1 (B5–13 ↔ B8–16)	B ↔ W–B	Wiper S/W position is OFF.	Below 1 V
		Wiper S/W position is INT, AUTO.	Below 1 V
		Wiper S/W position is LO.	10 – 14 V
		Wiper S/W position is HI.	Below 1 V

FFOG ↔ GND1 (B6–7 ↔ B8–16)	L–B ↔ W–B	Fog light S/W is ON.	10 – 14 V
RFOG ↔ GND1 (B7–10 ↔ B8–16)	P ↔ W–B	Fog light S/W is ON.	10 – 14 V
TAIL ↔ GND1 (B7–6 ↔ B8–16)	G–W ↔ W–B	Headlight control switch position is TAIL.	Below 1 V
		Headlight control switch position is except TAIL.	10 – 14 V
HEAD ↔ GND1 (B7–7 ↔ B8–16)	O ↔ W–B	Headlight control switch position is HEAD.	Below 1 V
		Headlight control switch position is except HEAD.	10 – 14 V
A ↔ GND1 (B7–5 ↔ B8–16)	V–R ↔ W–B	Headlight control switch position is AUTO.	Below 1 V
		Headlight control switch position is except AUTO.	10 – 14 V
GSW ↔ GND1 (B7–2 ↔ B8–16)	L ↔ W–B	Normal condition.	2 – 3.5 V
		When wireharness is OPEN.	4 – 6 V
PA1 ↔ GND1 (B5–2 ↔ B8–16)	R–B ↔ W–B	Wiper angle motor is operating.	Continuously 10 – 14 V
PA2 ↔ GND1 (B5–11 ↔ B8–16)	R ↔ W–B	Wiper angle motor is operating.	Continuously 10 – 14 V
PA3 ↔ GND1 (B5–12 ↔ B8–16)	Y–G ↔ W–B	Wiper angle motor is operating.	Continuously 10 – 14 V
M/F ↔ GND1 (B5–4 ↔ B8–16)	R–L ↔ W–B	Wiper angle motor is operating.	Continuously 10 – 14 V
M/B ↔ GND1 (B5–5 ↔ B8–16)	R–Y ↔ W–B	Wiper angle motor is operating.	Continuously 10 – 14 V
BZR ↔ BZR2 (B6–3 ↔ B6–4)	W ↔ B–O	Buzzer sound.	10 – 14 V
		Buzzer does not sound.	Below 1 V
ACTY ↔ GND1 (B8–8 ↔ B8–16)	R–W ↔ W–B	Each door are opened.	Below 2 V
		All door are closed.	10 – 14 V
RSSI ↔ GND1 (B6–12 ↔ B8–16)	W–B ↔ W–B	Wireless door lock system is operated.	Below 1 V
		Wireless door lock system is not operated.	10 – 14 V
RCO ↔ GND1 (B6–5 ↔ B8–16)	G–Y ↔ W–B	Wireless door lock system is operated.	Below 1 V
		Wireless door lock system is not operated.	10 – 14 V
RDA ↔ GND1 (B6–14 ↔ B8–16)	G ↔ W–B	Wireless door lock system is operated.	Below 1 V
		Wireless door lock system is not operated.	10 – 14 V
MPX+ ↔ MPX– (B8–3 ↔ C11–9)	LG–B	Combination meter communication circuit.	–
MPX– ↔ MPX+ (B8–19 ↔ R32–16)	LG–B	Rear Light ECU RH communication circuit.	–
MPX1 ↔ MPX1 (B8–10 ↔ F19–5) LHD (B8–10 ↔ F20–5) RHD	B	Front door ECU (Driver side) communication circuit.	–
MPX2 ↔ MPX1 (B8–16 ↔ F20–5) LHD (B8–16 ↔ F19–5) RHD	B	Front door ECU (Passenger side) communication circuit.	–
PWS ↔ PW (B6–8 ↔ P23–23) LHD (B6–8 ↔ P23–15) RHD	R–Y	Power window master switch communication circuit.	–
BUTX ↔ BUTX (B8–4 ↔ R31–5) (B8–4 ↔ R32–5)	R–Y	Rear Light ECU communication circuit.	–
CLTB ↔ CLTB (B7–4 ↔ A34–1)	L–O	Automatic light control sensor communication circuit.	–

CLTE ↔ CLTB (B7–11 ↔ A34–2)	V–G	Automatic light control sensor communication circuit.	–
CLTS ↔ CLTB (B7–12 ↔ A34–3)	V–Y	Automatic light control sensor communication circuit.	–
ACAN ↔ GND1 (B8–7 ↔ B8–16)	P–L ↔ W–B	Rheostat light control volume communication circuit.	–
OBD2 ↔ CLTB (B8–12 ↔ B8–16)	W ↔ W–B	OBD3 communication circuit.	–