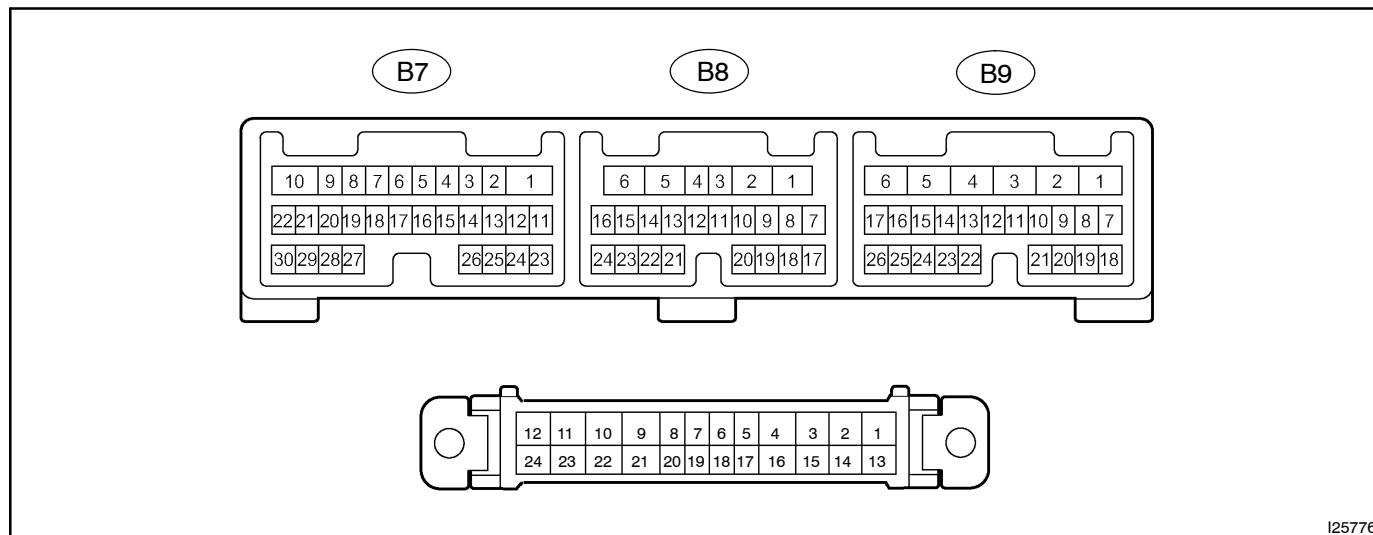


TERMINALS OF ECU

1. BODY ECU (Main)



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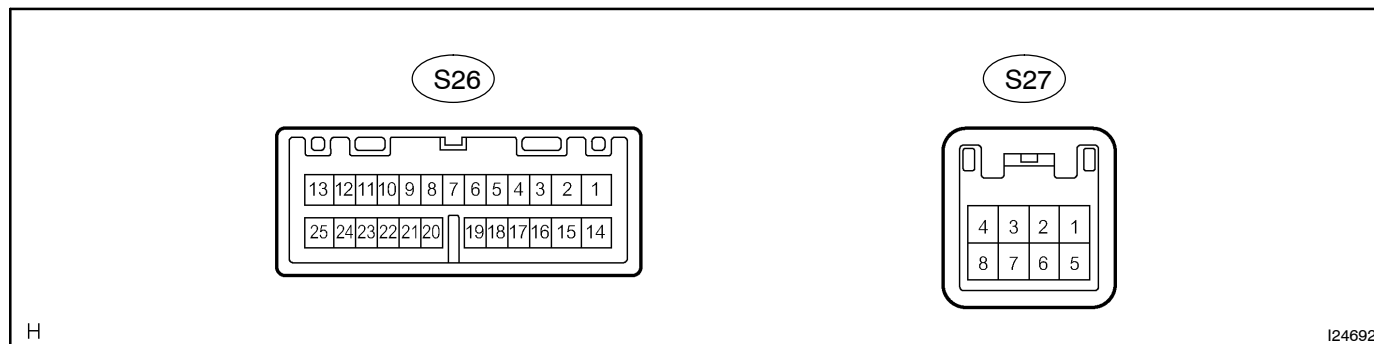
Symbols (Terminals No.)	Wiring Color	Condition	Specified Condition
GND1 ↔ Body ground (4 ↔ Body ground)	– ↔ Body ground	Always	Below 1 V
LSR ↔ Body ground (5 ↔ Body ground)	– ↔ Body ground	RR / RL / Back door lock switch is unlock position	Below 1 V
SIG ↔ Body ground (10 ↔ Body ground)	– ↔ Body ground	Ignition switch is ON	10 – 14 V
BECU ↔ Body ground (11 ↔ Body ground)	– ↔ Body ground	Always	10 – 14 V
BDR1 ↔ Body ground (12 ↔ Body ground)	– ↔ Body ground	Always	10 – 14 V
ILE ↔ Body ground (13 ↔ Body ground)	– ↔ Body ground	Key cylinder illumination is ON	Below 1 V
SPD ↔ Body ground (14 ↔ Body ground)	– ↔ Body ground	Ignition switch ON and slowly move the wheel	Pulse signal is output below 1.5V ↔ approx. 5 V or below 1.5 V ↔ battery positive voltage
UL1 ↔ Body ground (15 ↔ Body ground)	– ↔ Body ground	Driver door lock control switch is UNLOCK position	Below 1 V
GND2 ↔ Body ground (16 ↔ Body ground)	– ↔ Body ground	Always	Below 1 V
HRLY ↔ Body ground (17 ↔ Body ground)	– ↔ Body ground	Ignition switch is ON	10 – 14 V
TRLY ↔ Body ground (18 ↔ Body ground)	– ↔ Body ground	Ignition switch is ON	10 – 14 V
L1 ↔ Body ground (19 ↔ Body ground)	– ↔ Body ground	Driver door lock control switch is LOCK position	Below 1 V
L2 ↔ Body ground (20 ↔ Body ground)	– ↔ Body ground	Driver door key lock and unlock switch is LOCK position	Below 1 V
ACC ↔ Body ground (22 ↔ Body ground)	– ↔ Body ground	Ignition switch is ACC position	10 – 14 V

ACT+ ↔ ACT- (23 ↔ 24)	- ↔ -	Door lock motor is operated	10 – 14 V
LMRY ↔ Body ground (B7-3 ↔ Body ground)	R-W ↔ Body ground	Ignition switch is ON	10 – 14 V
DRL ↔ Body ground (B7-7 ↔ Body ground)	R-Y ↔ Body ground	Ignition switch is ON	10 – 14 V
ACTD ↔ Body ground (B7-10 ↔ Body ground)	L-B ↔ Body ground	Driver door lock motor is operated	10 – 14 V
MPX4 (B7-11)	W ↔ Body ground	Multiplex communication circuit	-
DBKL ↔ Body ground (B7-13 ↔ Body ground)	G ↔ Body ground	Driver seat buckle switch is ON (Seat belt is fastend)	Below 1 V
L ↔ Body ground (B7-14 ↔ Body ground)	B ↔ Body ground	Engine is running	6.0 – 14 V
		Engine is stoped	Below 2 V
UL2 ↔ Body ground (B7-22 ↔ Body ground)	G-B ↔ Body ground	Door key lock and unlock switch is in LOCK position	Below 1 V
MPX1 (B7-24)	B ↔ Body ground	Multiplex communication circuit	-
PCYL ↔ Body ground (B7-25 ↔ Body ground)	G-B ↔ Body ground	Ignition switch is ON	10 – 14 V
DCYL ↔ Body ground (B7-26 ↔ Body ground)	G-W ↔ Body ground	Ignition switch is ON	10 – 14 V
LSWP ↔ Body ground (B7-30 ↔ Body ground)	L-O ↔ Body ground	Passenger door lock switch is UNLOCK position	Below 1 V
PKB ↔ Body ground (B8-2 ↔ Body ground)	R-W ↔ Body ground	Parking brake switch is ON	Below 1 V
PRG ↔ Body ground (B8-3 ↔ Body ground)	V ↔ Body ground	Key inserted in ignition key cylinder → " As key pulled out of ignition key cylinder	10 – 14 V → " Pulse generation → 10 – 14 V
RDA ↔ Body ground (B8-4 ↔ Body ground)	L ↔ Body ground	Ignition switch off, all doors closed and transmitter switch not pressed	10 – 14 V
RDA ↔ Body ground (B8-4 ↔ Body ground)	L ↔ Body ground	Ignition switch off, all doors closed and transmitter switch pressed	Pulse generation
LP ↔ Body ground (B8-6 ↔ Body ground)	G-Y ↔ Body ground	Rear room light position is DOOR	10 – 14 V
BCTY ↔ Body ground (B8-7 ↔ Body ground)	R-L ↔ Body ground	Back door courtesy switch is ON (Door is opened)	Below 1 V
RLCY ↔ Body ground (B8-11 ↔ Body ground)	R-L ↔ Body ground	RL door courtesy switch is ON (Door is opened)	Below 1 V
RRCY ↔ Body ground (B8-12 ↔ Body ground)	R-G ↔ Body ground	RR door courtesy switch is ON (Door is opened)	Below 1 V
MPX5 (B8-14)	W ↔ Body ground	Multiplex communication circuit	-
MPX6 (B8-16)	W ↔ Body ground	Multiplex communication circuit	-
P ↔ Body ground (B8-17 ↔ Body ground)	G-W ↔ Body ground	Park / Neutral position switch is in P position	10 – 14 V
LCYL ↔ Body ground (B8-21 ↔ Body ground)	G-Y ↔ Body ground	Ignition switch is ON	10 – 14 V

DIAGNOSTICS – BODY CONTROL SYSTEM

RCYL ↔ Body ground (B8-22 ↔ Body ground)	G-R ↔ Body ground	Ignition switch is ON	10 – 14 V
DCTY ↔ Body ground (B8-23 ↔ Body ground)	R-Y ↔ Body ground	Driver door courtesy switch is ON (Door is opened)	Below 1 V
PCTY ↔ Body ground (B8-24 ↔ Body ground)	R-B ↔ Body ground	Passenger door courtesy switch is ON (Door is opened)	Below 1 V
HEAD ↔ Body ground (B9-1 ↔ Body ground)	R-W ↔ Body ground	Headlight control switch position is HEAD	Below 1 V
HU ↔ Body ground (B9-2 ↔ Body ground)	R-Y ↔ Body ground	Headlight dimmer switch position is Hi-Beam	Below 1 V
A ↔ Body ground (B9-3 ↔ Body ground)	G-O ↔ Body ground	Headlight control switch position is AUTO	Below 1 V
CLTS ↔ Body ground (B9-4 ↔ Body ground)	Y ↔ Body ground	Automatic light communication circuit is ON	Below 1 V
CLTB ↔ Body ground (B9-6 ↔ Body ground)	R ↔ Body ground	Ignition switch is ON	10 – 14 V
HF ↔ Body ground (B9-7 ↔ Body ground)	R-B ↔ Body ground	Headlight dimmer switch position is Hi-Flasher	Below 1 V
TAIL ↔ Body ground (B9-8 ↔ Body ground)	G-B ↔ Body ground	Headlight control switch position is TAIL	Below 1 V
DRLP ↔ Body ground (B9-12 ↔ Body ground)	G-Y ↔ Body ground	Ignition switch is ON, Open door warning light is ON	Below 1.2 V
KSW ↔ Body ground (B9-14 ↔ Body ground)	R-B ↔ Body ground	Key is inserted in key cylinder	Below 1 V
HF2 ↔ Body ground (B9-20 ↔ Body ground)	R-W ↔ Body ground	Ignition switch is ON	10 – 14 V
CLTE ↔ Body ground (B9-21 ↔ Body ground)	BR ↔ Body ground	Always	Below 1 V

2. BODY ECU (Sub)



Symbols (Terminal No.)	Wiring Color	Condition	STD Voltage (V)
RWLM ⇔ Body ground (S26-1 ⇔ Body ground)	L-O ⇔ Body ground	Ignition switch ON	10 – 14 V
W ⇔ Body ground (S26-2 ⇔ Body ground)	L ⇔ Body ground	Ignition switch OFF → ON	Below 1 V → 10 – 14 V
SIG ⇔ Body ground (S26-3 ⇔ Body ground)	B-W ⇔ Body ground	Ignition switch OFF → ON	Below 1 V → 10 – 14 V
BECU ⇔ Body ground (S26-4 ⇔ Body ground)	L-W ⇔ Body ground	Always	10 – 14 V
WRLO ⇔ Body ground (S26-5 ⇔ H-1)	L-O ⇔ Body ground	Ignition switch ON and rear wiper switch LO	Below 1 V
L/FS ⇔ Body ground (S26-6 ⇔ H-1)	B ⇔ Body ground	Ignition switch ON, light control switch TAIL or HEAD and tailight bulb burnt out	Below 1 V
L/FS ⇔ Body ground (S26-6 ⇔ H-1)	B ⇔ Body ground	Ignition switch ON, light control switch TAIL or HEAD and stop light bulb burnt out	Below 1 V
BTIL ⇔ Body ground (S26-7 ⇔ H-1)	G ⇔ Body ground	Light control switch TAIL or HEAD	Below 1 V
TIL1 ⇔ Body ground (S26-8 ⇔ H-1)	G ⇔ Body ground	Light control switch TAIL or HEAD	Below 1 V
STP2 ⇔ Body ground (S26-10 ⇔ H-1)	G-W ⇔ Body ground	Stop light switch OFF → ON (brake pedal free → depressed)	10–14 V → Below 1 V
STP1 ⇔ Body ground (S26-11 ⇔ H-1)	G-W ⇔ Body ground	Stop light switch OFF → ON (brake pedal free → depressed)	10–14 V → Below 1 V
STP1 ⇔ Body ground (S26-12 ⇔ H-1)	G-W ⇔ Body ground	Stop light switch OFF → ON (brake pedal free → depressed)	10–14 V → Below 1 V
BSTP ⇔ Body ground (S26-13 ⇔ H-1)	G-W ⇔ Body ground	Stop light switch OFF → ON (brake pedal free → depressed)	10–14 V → Below 1 V
RWSM ⇔ Body ground (S26-14 ⇔ Body ground)	L-Y ⇔ Body ground	Ignition switch ON and front wiper stop position → Except stop position	Below 2 V → 6 – 14 V
S/M ⇔ Body ground (S26-15 ⇔ Body ground)	L-W ⇔ Body ground	Ignition switch ON and front wiper stop position → Except stop position	Below 2 V → 6 – 14 V
RSPT ⇔ Body ground (S26-16 ⇔ Body ground)	G-W ⇔ Body ground	Each doors are opened → all doors are closed	Below 1 V → 10 – 14 V
LSPT ⇔ Body ground (S26-17 ⇔ Body ground)	G-W ⇔ Body ground	Each doors are opened → all doors are closed	Below 1 V → 10 – 14 V
CSPT ⇔ Body ground (S26-18 ⇔ Body ground)	G-W ⇔ Body ground	Ignition switch OFF → ON	10 – 14 V → Below 1 V
WRIN ⇔ Body ground (S26-19 ⇔ Body ground)	L-Y ⇔ Body ground	Ignition switch ON and rear wiper switch INT	Below 1 V

DIAGNOSTICS – BODY CONTROL SYSTEM

TIL1 ⇔ Body ground (S26-20 ⇔ Body ground)	G ⇔ Body ground	Light control switch TAIL or HEAD	Below 1 V
TIL2 ⇔ Body ground (S26-21 ⇔ Body ground)	G ⇔ Body ground	Light control switch TAIL or HEAD	Below 1 V
ILEN ⇔ Body ground (S26-23 ⇔ Body ground)	W-G ⇔ Body ground	Ignition switch ON, rheostat volume fully left side → turn to right side	Below 1 V → pulse generation
SG ⇔ Body ground (S26-24 ⇔ Body ground)	BR ⇔ Body ground	Always	Below 1 V
GND ⇔ Body ground (S26-25 ⇔ Body ground)	W-B ⇔ Body ground	Always	Below 1 V
MPX+ (S27-2)	B	Multiplex communication circuit	–
WRSW ⇔ Body ground (S27-4 ⇔ Body ground)	P ⇔ Body ground	Ignition switch ON and rear washer switch ON	Below 1 V
RBD2 ⇔ Body ground (S27-5 ⇔ Body ground)	R-L ⇔ Body ground	PNP switch P position and each door are opened	Below 1 V
REV ⇔ Body ground (S27-8 ⇔ Body ground)	R-B ⇔ Body ground	Ignition switch ON and PNP switch reverse position	10 – 14 V