

TERMINALS OF ECU

1. WINDSHIELD WIPER RELAY ASSEMBLY

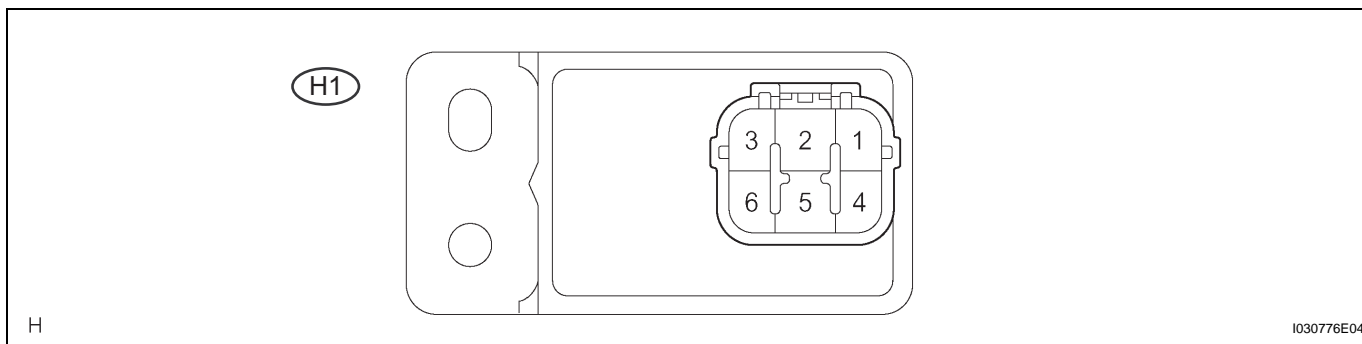


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Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
MPX1 (A28-1) - E (A28-12)	BR - W-B	Multiplex communication signal	Ignition switch OFF Ignition switch ON	Below 1 V Signal Waveform
VR1 (A28-3) - E (A28-12)	R - W-B	Wiper switch (Rain sensor adjust switch signal)	Ignition switch OFF Ignition switch ON	Below 1 V 4.5 to 5.5 V
FWAS (A28-6) - E (A28-12)	W - W-B	Front washer motor (operate signal)	Front washer switch OFF Front washer switch ON	10 to 14 V Below 1 V
AUTO (A28-7) - E (A28-12)	V - W-B	Wiper switch (AUTO signal)	Front wiper switch is in any position other than AUTO Front wiper switch is AUTO	10 to 14 V Below 1 V
+B (A28-8) - E (A28-12)	SB - W-B	Battery (+B circuit)	Always	10 to 14 V
VR2 (A28-9) - E (A28-12)	G - W-B	Wiper switch (Rain sensor adjust switch signal ground)	Always	0 to 5.5 V
E (A28-12) - Body ground	W-B - Body ground	Body ground	Always	Below 1 V
+1 (A29-1) - E (A28-12)	V - W-B	Front wiper motor (LO operation signal)	Front wiper motor is OFF Front wiper motor is in LO operation	Below 1 V 10 to 14 V
+2 (A29-2) - E (A28-12)	P - W-B	Front wiper motor (HI operation signal)	Front wiper motor is OFF Front wiper motor is in HI operation	Below 1 V 10 to 14 V
+SM (A29-5) - E (A28-12)	R - W-B	Front wiper motor (Operation signal)	Front wiper motor is OFF Front wiper motor is in LO or HI operation	Below 1 V 10 to 14 V
2S (A29-6) - E (A28-12)	GR - W-B	Wiper switch (HI signal)	Front wiper switch is in any position other than HI Front wiper switch is HI	10 to 14 V Below 1 V
1S (A29-7) - E (A28-12)	SB - W-B	Wiper switch (LO signal)	Front wiper switch is in any position other than LO Front wiper switch is LO	10 to 14 V Below 1 V
ES (A29-8) - E (A28-12)	L - W-B	wiper switch (Signal source)	Front wiper switch is OFF or AUTO	Below 1 V
WIG (A29-10) - E (A28-12)	Y - W-B	Battery (Power source circuit)	Ignition switch OFF Ignition switch ON	Below 1 V 10 to 14 V

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2. HEADLIGHT CLEANER CONTROL RELAY



Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
IG (H1-1) - E (H1-5)	P - W-B	Battery (Power source circuit)	Ignition switch is OFF Ignition switch is ON	Below 1 V 10 to 14 V
PB (H1-2) - E (H1-5)	B - W-B	Headlight cleaner motor (operation signal)	Headlight cleaner motor is stopped Headlight cleaner motor is operated	10 to 14 V Below 1 V
HDLO (H1-3) - E (H1-5)	L - W-B	Multiplex network body ECU (Cancel signal)	Daytime running light is stopped Daytime running light is operated	Below 1 V 10 to 14 V
H (H1-4) - E (H1-5)	W - W-B	Headlight cleaner switch (Operate signal)	Headlight cleaner switch is OFF Headlight switch is HEAD and headlight cleaner switch is ON	Below 1 V 10 to 14 V
E (H1-5) - Body ground	W-B - Body ground	Body ground	Always	Below 1 V
FRWA (H1-6) - E (H1-5)	V - W-B	Front washer motor (Operate signal)	Front washer switch is OFF Front washer switch is ON	10 to 14 V Below 1 V

