

STANDARD VALUE OF ECU TERMINAL

Terminal	Symbols	Wiring Color	Condition		Standard Value
A14-1↔A14-7	B↔E	R↔W-B	IG OFF		10 ~ 14 V
A14-2↔A14-3	MH↔MC	V↔R-Y	IG OFF		13 ~ 19 Ω
A14-4↔A14-5	MFRS↔MREC	G↔G-R	IG OFF		13 ~ 19 Ω
A14-6↔A14-7	IG+↔E	R-L↔W-B	IG ON		10 ~ 14 V
A14-7↔ Body Ground	E↔ Body Ground	W-B↔ Body Ground	Always		Below 1 Ω
A14-8↔A14-9	FACE↔DEF	W↔Y-L	IG OFF		13 ~ 19 Ω
A14-15↔A14-7	ACC↔E	L-R↔W-B	Turn ignition switch ACC		10 ~ 14 V
A12-2↔A14-7	REOST↔E	W-G↔W-B	IG ON and turn headlight control SW to TAIL position. Turn Rheostat volume from most right to left position.		Most : 0 ~ 1 V Right ↓ Most : 10 ~ 14 V Left
A12-3↔A14-7	WV↔E	B-Y↔W-B	Start the engine	Temp. Control Switch: MAX COLD	10 ~ 14 V
				Temp. Control Switch: MAX COLD	Below 1 V
A12-4↔A14-7	MGC↔E	L-R↔W-B	Start the engine and push AUTO SW	A/C switch ON	Below 1 V
				A/C switch OFF	10 ~ 14 V
A12-5↔A14-7	TC↔E	L↔W-B	IG ON H.L.C. SW : TAIL position	Rheostat Most Volume: Right	Below 1 V
				Rheostat Most Volume: Left	10 ~ 14 V
A12-6↔A14-7	TAIL↔E	G↔W-B	Turn the light control switch to TAIL position		10 ~ 14 V
A12-7↔A14-7	LV↔E	Y↔W-B	IG ON	Push blower SW to change the blower speed from 1 to 10.	Speed 1: 10 ~ 14 V ↓ Speed 10: Below 2 V
A12-8↔A14-7	BLR↔E	B-R↔W-B	IG ON	Turn the blower motor	Below 1.5 V
A12-9↔A14-7	HR↔E	L-W↔W-B	IG ON	Turn the blower motor	Below 1 V
				Don't turn the blower motor	10 ~ 14 V
A12-10↔A14-7	RDFGR↔E	R-Y↔W-B	IG ON	Rear defogger switch ON	Below 1 V
				Rear defogger switch OFF	10 ~ 14 V
A12-11↔A14-7	FAN↔E	R-G↔W-B	IG ON and AUTO SW ON	A/C SW ON and MAX COLD	10 ~ 14 V
				A/C SW OFF	Below 1 V
A13-1↔A14-7	IGN↔E	B↔W-B	Start the engine		10 ~ 14 V

Terminals	Symbols	Wiring Color	Condition		Standard Value
A13-2↔A14-7	A/C IN↔E	L-Y↔W-B	Operate the compressor		10 ~ 14 V
			Not operate the compressor		Below 1 V
A13-3↔A14-7	LOCK IN↔E	G-Y↔W-B	IG OFF	at 25°C (77°F)	530 ~ 650 Ω
				at 100°C (212°F)	670 ~ 890 Ω
A13-4↔A14-7	SAUTO↔E	V-W↔W-B	IG ON	AUTO switch ON	Below 1 V
				AUTO switch OFF	10 ~ 14 V
A13-5↔A14-7	LP↔E	L-B↔W-B	IG ON		Below 1 V
A13-6↔A14-7	DIN↔E	P-B↔W-B	IG ON	Connect Tc and E1 of TDCL, Check connector	Below 1 V
				Other than above condition	10 ~ 14 V
A13-7↔A13-20	TR↔SG	Y-L↔BR	IG ON	Cabin temp.: 25°C (77°F)	1.8 ~ 2.2 V
				Cabin temp.: 40°C (104°F)	1.2 ~ 1.6 V
A13-8↔A13-20	TAM↔SG	P↔BR	IG ON	Ambient Temp.: 25°C (77°F)	1.35 ~ 1.75 V
				Ambient Temp.: 40°C (104°F)	0.85 ~ 1.25 V
A13-9↔A13-20	TE↔SG	L-Y↔BR	IG ON	Evaporator : 0°C (32°F) ambient temp.	2.0 ~ 2.4 V
				Evaporator : 15°C (59°F) ambient temp.	1.4 ~ 1.8 V
A13-10↔A13-20	TW↔SG	LG-R↔BR	IG ON	Water temp.: 0°C (32°F)	2.8 ~ 3.2 V
				Water temp.: 40°C (104°F)	1.8 ~ 2.2 V
				Water temp.: 70°C (158°F)	0.9 ~ 1.3 V
A13-11↔A13-20	TS↔SG	Y-G↔BR	IG ON	Sensor subjected to electric light	1 V or more
				Sensor covered by a cloth	Below 1 V
A13-12↔A13-20	SET1↔SG	V-R↔BR	IG ON	Turn temp. control SW from most left to right position	Change 5 V and 0 V 11 times (15 times)*
A13-13↔A13-20	SET2↔SG	G-O↔BR			Change 5 V and 0 V 5 times (8 times)*
A13-14↔A13-20	SET3↔SG	Y↔BR			Change 5 V and 0 V 2 times (4 times)*
A13-15↔A13-20	SET4↔SG	B-R↔BR			Change 5 V and 0 V 2 times
A13-16↔A13-20	SET5↔SG	B-Y↔BR			Change 5 V and 0 V Once

*: Canada spec only

STANDARD VALUE OF ECU TERMINAL (Cont'd)

Terminals	Symbols	Wiring Color	Condition			Standard Value
A13-18↔A13-20	S5↔SG	BR-W↔BR	IG ON			A ~ 6 V
A13-20↔ Body Ground	SG↔ Body Ground	BR↔ Body Ground	Always			Below 1 Ω
A13-22↔A13-20	TP↔SG	G-W↔BR	IG ON	Set temp.: Max Cool		3.5 ~ 4.5 V
				Set temp.: Max Hot		0.5 ~ 1.8 V
A13-23↔A13-20	TP1↔SG	GR↔BR	IG ON	Push REC switch		3.5 ~ 4.5 V
				Push FRS switch		0.5 ~ 1.8 V
A13-25↔A13-20	TPM↔SG	Y-R↔BR	IG ON	Air outlet : FACE		3.5 ~ 4.5 V
				Push Front DEF SW		0.5 ~ 1.8 V