

STANDARD VALUE OF ECU TERMINAL

Terminals	Symbols	Wiring Color	Condition	Standard Value
C19-1↔C19-13	STP+↔GND	W↔W-B	Depress brake pedal.	10-14 V
			Release brake pedal.	10-14 V
C19-2↔C19-13	N&C↔GND	B-W↔W-B	IG ON. P or N ranges.	Below 4 V
			IG ON. Other ranges.	10-14 V
C19-3↔C19-13	PKB↔GND	B↔W-B (Canada) R-W↔W-B (USA)	IG ON. Pull up parking brake lever.	Below 2 V
			IG ON. Release parking brake lever.	10-14 V
C19-4↔C19-13	CMS↔GND	R-L↔W-B	IG ON. Main Switch hold ON. (Indicator light ON)	Below 2 V
			IG ON. Main switch OFF. (Indicator light OFF)	10-14 V
C19-5↔C19-13	Pi↔GND	Y-B↔W-B	IG ON. Main Switch ON. Main indicator light ON.	Below 1.2 V
			IG ON. Main switch OFF. Main indicator light OFF.	10-14 V
C19-6↔C19-13	E/G↔GND	G-L↔W-B	During cruise control driving. Driving downhill.	Below 1 V
			During cruise control driving. Driving uphill.	Above 4 V
C19-8↔C19-13	Tc↔GND	P-B↔W-B	Ignition switch ON.	10-14 V
C19-9↔C19-13	O/D↔GND	BR-Y↔W-B	Ex. during cruise control driving.	4-6 V
			O/D Switch ON. During cruise control driving. (Driving on flat road).	2-3 V
			O/D Switch OFF. During cruise control driving. (3rd driving).	
C19-10↔C19-13	L↔GND	B-W↔W-B	During cruise control driving.	10-14 V
			Ex. during cruise control driving.	Below 1 V

STANDARD VALUE OF ECU TERMINAL (Cont'd)

Terminals	Symbols	Wiring Color	Condition	Standard Value
C19-11↔C19-13	MC↔GND	G-R↔W-B	During cruise control driving. COAST Switch hold ON.	10-14 V
			Ex. during cruise control driving.	Below 1 V
C19-12↔C19-13	MO↔GND	LG↔W-B	During cruise control driving. SET Switch ON. (moment)	8-14 V
			Ex. during cruise control driving.	Below 1 V
C19-13↔Body Ground	GND↔Body Ground	W-B↔Body Ground	Always.	Below 1 V
C19-14↔C19-13	B↔GND	B-R↔W-B	Ignition switch ON.	10-14 V
C19-15↔C19-13	BATT↔GND	R↔W-B	Always.	10-14 V
C19-16↔C19-13	STP-↔GND	G-W↔W-B	Depress brake pedal.	10-14 V
			Release brake pedal.	Below 2 V
C19-18↔C19-13	CCS↔GND	L↔W-B	IG ON. Main switch ON. Switch neutral position.	10-14 V
			IG ON. Main switch ON. CANCEL switch hold ON.	4.2-8.7 V
			IG ON. Main switch ON. SET/COAST Switch hold ON.	2.5-6.2 V
			IG ON. Main switch ON. RESUME/ACCEL Switch hold ON.	0.8-3.6 V
C19-20↔C19-13	SPD↔GND	P↔W-B	Engine start. Stoppage a car.	Below 1 V or 10-14 V
			During driving.	5-7 V
C19-22↔C19-13	ECT↔GND	W-R↔W-B	During cruise control driving. O/D switch ON.	Below 0.5 V
			During cruise control driving. O/D switch OFF (3rd driving).	10-14 V
C19-23↔C19-13	IDL↔GND	R↔W-B	IG ON. Throttle valve fully opened.	10-14 V
			IG ON. Throttle valve fully closed.	Below 8 V
C19-24↔C19-13	VR1↔GND	R-B↔W-B	Ignition switch ON.	4.5-5 V
C19-25↔C19-26	VR2↔VR3	LG-R↔P	During cruise control driving.	1-4.5 V
			IG ON. Control plate fully opened.	3.4-5.1 V
			IG ON. Control plate fully closed.	0.6-1.6 V
C19-26↔C19-13	VR3↔GND	P↔W-B	Always.	Below 1 V

