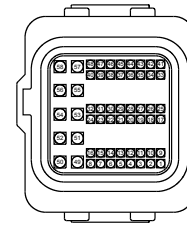
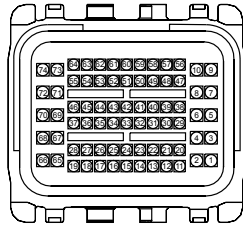


2019 > G 1.1 MPI > G 1.1 MPI > Schematic Diagrams > Engine Electrical System > Engine Control System > null

Engine Control System (G4HG : EPSILON 1.1L MPI) (1)

SD313-8

ECM Terminal Information



E200-A

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	G	Ignition Coil #1,#4 Control	33	O	O2 Sensor (Down) Signal	65	-	-
2	-	-	34	Br/B	O2 Sensor (Up) Ground	66	-	-
3	-	-	35	-	-	67	-	-
4	R	PCSV Control	36	R	O2 Sensor (Up) Signal	68	-	-
5	W	Ignition Coil #2,#3 Control	37	-	-	69	B	Ground
6	Br	Injector #2 Control	38	Gr	Injector #3 Control	70	B	Ground
7	W	Injector #1 Control	39	W/B	A/C Pressure Switch (Thermal)	71	B	Ground
8	G	O2 Sensor (Down) Heater	40	-	-	72	G	Engine Control Relay 'ON' Input
9	R	Injector #4 Control	41	W/B, Br/O	Brake Light Switch	73	G	Memory Power
10	L	O2 Sensor (Up) Heater	42	-	-	74	Gr	Engine Control Relay 'ON' Input
11	-	-	43	-	-			
12	Y/B	A/C Relay Control	44	-	-			
13	-	-	45	-	-			
14	Y/O	A/CON Request Switch	46	-	-			
15	-	-	47	R/O	ON/START Input			
16	-	-	48	-	-			
17	G/B	ECTS Ground	49	L	IMMO. Communication Line			
18	O	MAP Sensor Ground	50	-	-			
19	-	-	51	-	-			
20	-	-	52	Y/O	[W/O IMMO.] Fuel Pump Relay Control			
21	-	-	53	B/O	Start Relay Control			
22	-	-	54	Br	Neutral Switch			
23	P/B	CMPS Signal	55	P	MAP Sensor Power			
24	-	-	56	-	-			
25	-	-	57	L	C-CAN (Low)			
26	W	ECTS Signal	58	R	C-CAN (High)			
27	Y	AFS/MAP Input	59	Br/B	CKPS Ground			
28	L/B	O2 Sensor (Down) Ground	60	W	CKPS Signal			
29	Br	Vehicle Speed Input	61	L/O	Engine Control Relay Control			
30	-	-	62	Gr	Cooling Fan Relay Control			
31	-	-	63	Y	Control PWM			
32	Y/B, L	Load PWM	64	Br/B	TPS Power			

E200-B

PIN	COLOR	DESCRIPTION	PIN	COLOR	DESCRIPTION
1	W/B	TPS Ground	32	-	-
2	-	-	33	G/O	APS #1 Power
3	-	-	34	-	-
4	-	-	35	Gr	TPS #2 Signal
5	-	-	36	Gr/B	Air Temp. Input
6	-	-	37	-	-
7	-	-	38	-	-
8	-	-	39	Br	Blower Max
9	-	-	40	-	-
10	-	-	41	G	Knock Sensor Signal
11	-	-	42	W	Knock Sensor Ground
12	Br	APS #2 Ground	43	-	-
13	-	-	44	-	-
14	-	-	45	-	-
15	-	-	46	-	-
16	W/O	Brake Test Switch	47	O	Wheel Speed Sensor Input
17	-	-	48	-	-
18	Y	APS #2 Signal	49	-	-
19	-	-	50	-	-
20	G/B	APS #1 Ground	51	-	-
21	-	-	52	-	-
22	Br/B	CMPS Ground	53	Y	[With IMMO.] Fuel Pump Relay Control
23	-	-	54	-	-
24	-	-	55	-	-
25	P	APS #2 Power	56	Gr	ETC Motor (+)
26	-	-	57	-	-
27	Br	TPS #1 Signal	58	Br	ETC Motor (-)
28	-	-			
29	R	APS #1 Signal			
30	W/B	Start Signal Input			
31	B/O	Clutch Switch			