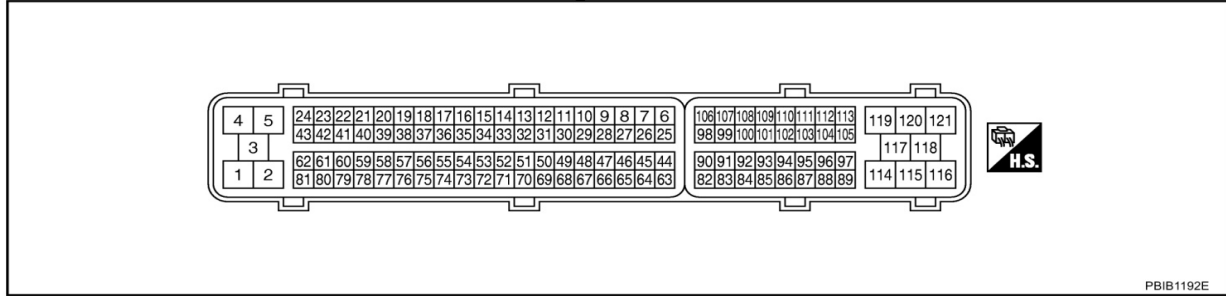


ECM Harness Connector Terminal Layout

ABS00814



PBIB1192E

2004 INFINITI G35 SEDAN PINOUTS

Terminal #	Wire Color	ITEM
1	B	ECM ground
2	Y	Heated oxygen sensor 1 heater (bank 2)
3	W/R	Throttle control motor relay power supply
4	BR	Throttle control motor (Closed)
5	G	Throttle control motor (Open)
6	BR/W	Heated oxygen sensor 2 heater (bank 2)
7		
8		
9		
10	W/G	Intake valve timing control solenoid valve (bank 2)
11	R/W	Intake valve timing control solenoid valve (bank 1)
12	L/W	Power steering pressure sensor
13	BR	Crankshaft position sensor (POS)
14	Y	Camshaft position sensor (PHASE) (bank 2)
15	W	Knock sensor
16	LG	Heated oxygen sensor 1 (bank 2)
17		
18		
19		
20		
21	G	Injector No. 5
22	R/Y	Injector No. 3
23	R/B	Injector No. 1
24	G/B	Heated oxygen sensor 1 heater (bank 1)
25	P/B	Heated oxygen sensor 2 heater (bank 1)
26		
27		
28		
29		
30		
31		
32	P	EVAP control system pressure sensor
33	OR	Camshaft position sensor (PHASE) (bank 1)
34	Y/G	Intake air temperature sensor
35	W/B	Heated oxygen sensor 1 (bank 1)
36		

37		
38		
39		
40	P	Injector No. 6
41	R/L	Injector No. 2
42	R/W	Injector No. 2
43		
44		
45	L/Y	EVAP canister purge volume control solenoid valve
46		
47	B	Sensor power supply (Throttle position sensor)
48	B/Y	Sensor power supply (EVAP control system pressure sensor)
49	W/L	Sensor power supply (Refrigerant pressure sensor)
50	W	Throttle position sensor 1
51	OR	Mass air flow sensor
52		
53		
54		
55	R/Y	Heated oxygen sensor 2 (bank 2)
56		
57		
58		
59		
60	PU/W	Ignition signal No. 5
61	L/R	Ignition signal No. 3
62	Y/R	Ignition signal No. 1
63		
64		
65		
66	W/R	Sensor ground (Throttle position sensor)
67	B/W	Sensor ground
68	Y	Sensor power supply (Power steering pressure sensor)
69	R/L	Throttle position sensor 2
70	R/B	Refrigerant pressure sensor
71		
72		
73	Y/B	Engine coolant temperature sensor
74	L/B	Heated oxygen sensor 2 (bank 1)
75		
76		
77		
78	B/Y	Sensor ground (Heated oxygen sensor)
79	GY/R	Ignition signal No. 6
80	GY	Ignition signal No. 4
81	G/R	Ignition signal No. 2
82	GY/L	Sensor ground (APP sensor 1)
83	B/R	Sensor ground (APP sensor 2)
84		
85	PU	Data link connector
86	R	CAN communication line
87		
88		
89		

90	BR/Y	Sensor power supply (APP sensor 1)
91	G	Sensor power supply (APP sensor 2)
92		
93		
94	L	CAN communication line
95		
96		
97		
98	LG/B	Accelerator pedal position sensor 2
99	G/Y	ASCD steering switch
100		
101	P/L	Stop lamp switch
102	G/OR	PNP switch
103		
104	G/W	Throttle control motor relay
105		
106	BR	Accelerator pedal position sensor 1
107	L/OR	Fuel tank temperature sensor
108	SB	ASCD brake switch
109	W/L	Ignition switch
110		
111	W	ECM relay Self shut-off
112		
113	B/OR	Fuel pump relay
114		
115	B/R	ECM ground
116	B	ECM ground
117	GY/L	EVAP canister vent control valve
118		
119	P	Power supply for ECM
120	L	Power supply for ECM
121	R/W	Power supply for ECM (Back-up)

