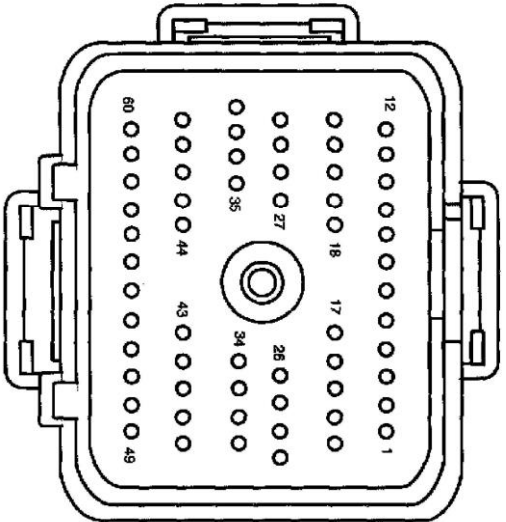


C175c (GV)

12B637

Powertrain Control
Module (PCM)
(12A650)

* 4.6L
** 4.0L



FR0007

Pin	Circuit	Circuit function
1	*1026 (PK/WH)	Coil On Plug (COP) 2 (12029), control
2	555 (TN)	Fuel Injector 1, control
3	-	not used
4	-	not used
5	-	not used
6	-	not used
7	387 (RD/WH)	Heated Oxygen Sensor (HO2S) #11 (9F472), heater
8	388 (YE/LB)	Heated Oxygen Sensor (HO2S) #21 (9F472), heater
9	264 (WH/LB)	Idle Air Control (IAC) valve (9F715), control
10	-	not used
11	559 (TN/BK)	Fuel Injector 5, control
12	*1025 (OG/YE)	Coil On Plug (COP) 6 (12029), control
	*1027 (PK/LB)	Coil On Plug (COP) 7 (12029), control
13	**528 (PK/WH)	PCM to Ignition coil (12029)

Pin	Circuit	Circuit function
14	556 (WH)	Fuel Injector 2, control
15	-	not used
16	360 (BN/PK)	EGR Vacuum Regulator (EVR), control
17	359 (GY/RD)	signal, return
18	-	not used
19	-	not used
20	351 (BN/WH)	Reference, voltage
21	560 (LG/OG)	Fuel Injector 6, control
22	*1021 (LG/YE)	Coil On Plug (COP) 5 (12029), control
	*1028 (WH/PK)	Coil On Plug (COP) 3 (12029), control
23	**527 (RD/LB)	PCM to T1
24	557 (BN/YE)	Fuel Injector 3, control
25	-	not used
26	-	not used
27	-	not used

Pin	Circuit	Circuit function
28	–	not used
29	*561 (TN/RD)	Fuel injector 7, control
30	*1030 (DG/VT)	Coil On Plug (COP) 4 (12029), control
31	*1024 (LG/MH)	Coil On Plug (COP) 1 (12029), control
	**526 (DB/LG)	PCM to Ignition coil (12029)
32	558 (BN/LB)	Fuel injector 4, control
33	–	not used
34	–	not used
35	–	not used
36	–	not used
37	*562 (LB)	Fuel injector 8, control
38	*1029 (WH/RD)	Coil On Plug (COP) 8 (12029), control
39	–	not used
40	*1105 (YE/LB)	Cylinder head temperature sensor to Temperature, indicator
41	352 (BN/LG)	Differential Pressure Feedback EGR (DPFE) sensor, input
42	1273 (YE)	Powertrain Control Module (PCM) (12A650), to knock sensor
43	*1274 (DG/MH)	Powertrain Control Module (PCM) (12A650), to knock sensor

Pin	Circuit	Circuit function
44	94 (RD/BK)	Heated Oxygen Sensor (HO2S) #21 (9F472), input
45	74 (GY/LB)	Heated Oxygen Sensor (HO2S) #11 (9F472), input
46	**354 (LG/RD)	Engine Coolant Temperature (ECT) sensor (12A649), input
47	–	not used
48	–	not used
49	–	not used
50	–	not used
51	310 (YE/RD)	Knock sensor (12A699)
52	*311 (DG/VT)	Knock sensor (12A699)
53	795 (DG)	Camshaft position sensor (8B288) to Powertrain Control Module (PCM) (12A650)
54	–	not used
55	349 (DB)	Crankshaft position sensor (6C315) –
56	350 (GY)	Crankshaft position sensor (6C315) +
57	355 (GY/MH)	Throttle Position Sensor (TPS) (9B989), input
58	–	not used
59	–	not used
60	–	not used