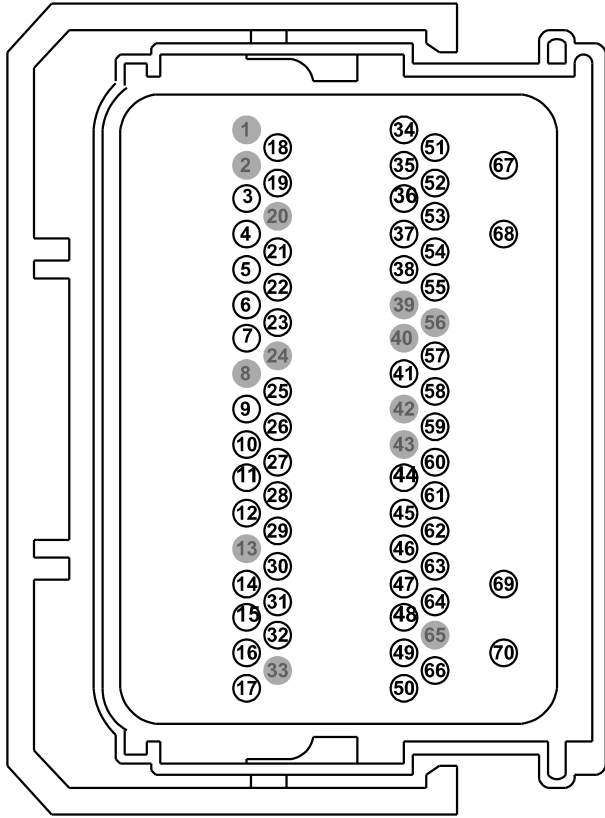


Connector:	Description	Color	Harness	Base Part #	Service Pigtail
C175E	POWERTRAIN CONTROL MODULE (PCM)	BK	12B637	12A650	Not Available



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	*	*	Not Used	
2	*	*	Not Used	
3	470 (PK-BK)	20	PCV heater signal	4.0L
4	639 (LG-VT)	20	High speed engine cooling fan relay, control	
5	1817 (YE)	20	Generator monitor circuit	
6	191 (LG-BK)	20	EVAP canister purge valve control	
7	228 (DB)	20	Low speed engine cooling fan relay, control	
8	*	*	Not Used	
9	1029 (WH-RD)	20	Coil driver (CD) - H control	
10	1021 (LG-YE)	20	Coil driver (CD) - F control	
11	1026 (PK-WH)	20	Coil driver (CD) - D control	
12	1028 (WH-PK)	20	Coil driver (CD) - B control	
13	*	*	Not Used	
14	1030 (DG-VT)	20	Coil driver (CD) - G control	
15	1025 (OG-YE)	20	Coil driver (CD) - E control	
16	1027 (PK-LB)	20	Coil driver (CD) - C control	
17	526 (LG-WH)	20	Coil driver (CD) - A control	4.0L
17	1024 (LG-WH)	20	Coil driver (CD) - A control	4.6L/5.4L
18	354 (LG-RD)	20	Engine Coolant Temperature (ECT) sensor signal	
19	1158 (YE-LB)	20	Fuel rail temperature signal	
20	*	*	Not Used	
21	352 (BN-LG)	20	Differential Pressure Feedback EGR (DPFE) sensor, signal	
22	743 (GY)	20	Intake air temperature sensor signal	
23	361 (RD)	20	Voltage supplied in Start and Run (overload protected)	
24	*	*	Not Used	
25	967 (LB-RD)	20	Mass Air Flow (MAF) sensor, signal	
26	968 (TN-LB)	20	Mass Air Flow (MAF) sensor Signal return	
27	1106 (LG-WH)	20	Air charge temperature sensor	5.4L
28	74 (GY-LB)	20	Heated Oxygen Sensor (HO2S) #11 signal	
29	94 (RD-BK)	20	Heated Oxygen Sensor (HO2S) #21 signal	
30	1274 (DG-WH)	20	Knock sensor signal 2 -	4.6L
31	311 (DG-VT)	20	Knock sensor signal 2+	4.6L
32	141 (RD-PK)	20	Fuel rail pressure sensor signal	
33	*	*	Not Used	
34	1836 (OG-YE)	20	Electronic Throttle Control (ETC) motor +/-	
35	556 (WH)	20	Fuel injector 2, control	
36	558 (BN-LB)	20	Fuel injector 4, control	

Pin	Circuit	Gauge	Circuit Function	Qualifier
37	560 (LG-OG)	20	Fuel injector 6, control	
38	562 (LB)	20	Fuel injector 8, control	
39	*	*	Not Used	
40	*	*	Not Used	
41	1102 (YE-LG)	20	Cylinder head temperature sensor signal	
42	*	*	Not Used	
43	*	*	Not Used	
44	365 (OG)	20	Camshaft position sensor, signal	4.6L
45	282 (DB-OG)	20	Camshaft position sensor, signal	
46	139 (GY-YE)	20	Crankshaft position sensor -	
47	138 (BK-PK)	20	Crankshaft position sensor +	
48	1273 (YE)	20	Knock sensor signal 1-	4.0L, 4.6L
49	310 (YE-RD)	20	Knock sensor signal 1+	4.0L, 4.6L
50	1022 (DB-YE)	20	Charge air cooler pump relay, control	4.6L
51	1835 (DB-YE)	20	Electronic Throttle Control (ETC) motor +/-	
52	555 (TN)	20	Fuel injector 1, control	
53	557 (BN-YE)	20	Fuel injector 3, control	
54	559 (TN-BK)	20	Fuel injector 5, control	
55	561 (TN-RD)	20	Fuel injector 7, control	
56	*	*	Not Used	
57	351 (BN-WH)	20	Reference voltage	
58	359 (GY-RD)	20	Signal return	
59	766 (BK-LG)	20	Signal return	
60	357 (YE-WH)	20	Throttle Position (TP) sensor signal 2	
61	355 (GY-WH)	20	Throttle Position (TP) sensor signal 1	
62	358 (LG-BK)	20	EGR system module, input (MAP)	
63	360 (BN-PK)	20	EGR Vacuum Regulator (EVR), control	
64	1022 (DB-YE)	20	Charge air cooler pump relay, control	5.4L
65	*	*	Not Used	
66	69 (RD-LG)	20	Throttle Position (TP) sensor, Reference voltage	
67	641 (VT-LB)	20	Variable valve timing solenoid 1, control	4.6L
67	470 (PK-BK)	20	PCV heater signal	5.4L
68	642 (DG-OG)	20	Variable valve timing solenoid 2, control	4.6L
68	3410 (YE)	20	Reverse lockout control	5.4L
69	387 (RD-WH)	18	Heated Oxygen Sensor (HO2S) #11, heater	
70	388 (YE-LB)	18	Heated Oxygen Sensor (HO2S) #21, heater	