

C175E

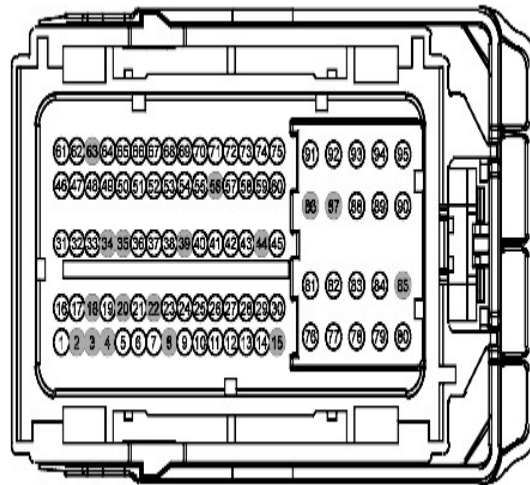


Connector: C175E

Description:
 POWERTRAIN
 CONTROL MODULE
 (PCM)

Harness:
 12C508

Base Part #:
 part# N/A



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	CE422 (WH-OG)	18	CTRL MOD. - POWERTRAIN # VARIABLE CAMSHAFT TIMING VALVE 2 (VCT2)	
2	*	*	not used	
3	*	*	not used	
4	*	*	not used	
5	CE421 (YE-OG)	18	CTRL MOD. - POWERTRAIN # VARIABLE CAMSHAFT TIMING VALVE 1 (VCT1)	
6	CE148 (YE-GY)	20	CTRL MOD. - POWERTRAIN # ENGINE COOLANT BYPASS VALVE	
7	CE358 (GY-YE)	18	CTRL MOD. - POWERTRAIN # PUMP VARIABLE OIL	
8	*	*	not used	
9	LE459 (GY)	20	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE ENGINE 3 (VREF3)	
10	LE134 (YE)	20	CTRL MOD. - POWERTRAIN # ELECTRONIC THROTTLE CONTROL (ETCREF)	
11	VE801 (VT-OG)	18	SENSOR - KNOCK 1ST BANK 1ST OR UNIQUE (KS1P) [KSL1+]	
12	RE323 (WH-BN)	18	CTRL MOD. - POWERTRAIN # KNOCK SENSOR 1ST BANK 1ST OR UNIQUE (KS1N) [KSL1-]	
13	RE454 (YE-GN)	18	CTRL MOD. - POWERTRAIN # SIGNAL RETURN ENGINE #2	
14	RE429 (GY-OG)	20	CTRL MOD. - POWERTRAIN # VARIABLE RELUCTANCE SENSOR (VRSRTN) (CAMSHAFT POSITION)	
15	*	*	not used	
16	RE134 (BU-OG)	18	CTRL MOD. - POWERTRAIN # ELECTRONIC THROTTLE CONTROL (ETCRTN)	
17	VE836 (VT-GN)	20	SENSOR - WASTEGATE POSITION (WGT_PS)	
18	*	*	not used	
19	LE458 (BU-WH)	20	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE ENGINE 2 (VREF2)	
20	*	*	not used	
21	CMC14 (BN-YE)	18	SENSOR - LOW LEVEL ENGINE OIL	
22	*	*	not used	
23	VE711 (YE-VT)	20	SENSOR - CRANKSHAFT POSITION (CKPP) +	
24	VE74 (BU)	20	SENSOR - INPUT SHAFT SPEED #2 (ISS2) +	
25	LE423 (GN-VT)	20	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE ENGINE (VREF) (E-VREF) (VREF1)	
26	VE731 (YE-GN)	18	SENSOR - HEATED OXYGEN POST CAT. 1ST OR UNIQUE (HO2S12)	

27	VE706 (BN-BU)	20	SENSOR - CAMSHAFT POSITION BANK 1 IN+EX / IN (CMP1) [CID-H] (CID1)
28	VE707 (GN-VT)	20	SENSOR - CAMSHAFT POSITION BANK 2 IN+EX / IN (CMP2) [CID-H] (CID2)
29	VET84 (BN-GN)	20	SENSOR - TRANSMISSION RANGE # PWM OUTPUT 1 (TR-P1)
30	LE135 (GY-VT)	20	CTRL MOD. - POWERTRAIN # CRANKSHAFT POSITION SENSOR (CKP) +
31	VE826 (YE-GN)	18	SENSOR - UNIVERSAL HEATED OXYGEN 1ST OR UNIQUE (UO2SN-11)
32	LE448 (GY-BU)	18	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE UNIVERSAL HEGO 1ST (UREF-11)
33	LE451 (GN-YE)	18	CTRL MOD. - POWERTRAIN # UNIVERSAL HEATED OXYGEN PUMPING CURRENT 1ST (UO2SIP-11)
34	*	*	not used
35	*	*	not used
36	VE721 (WH-OG)	20	SENSOR - EXHAUST GAS RECIRCULATION VALVE POSITION
37	VE713 (GN-OG)	20	SENSOR - DELTA PRESSURE FEEDBACK EGR (DPFE)
38	VE716 (YE)	20	SENSOR - ENGINE COOLANT TEMPERATURE (ECT)
39	*	*	not used
40	VE712 (BU-GY)	20	SENSOR - CYLINDER HEAD TEMPERATURE (CHT)
41	RE405 (GN-WH)	18	CTRL MOD. - POWERTRAIN # SIGNAL RETURN ENGINE (E-SIGRTN) (SIGRTN-A)
42	VE802 (BN-BU)	18	SENSOR - KNOCK 2ND BANK 1ST (KS2N) [KSL2-]
43	RE324 (BN-GN)	18	CTRL MOD. - POWERTRAIN # KNOCK SENSOR 2ND BANK 1ST (KS2N) [KSL2-]
44	*	*	not used
45	CE304 (YE-BU)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 2 (COP-B)
46	VE850 (WH-VT)	20	SENSOR - WASTE GATE CONTROL PRESSURE (WGCP)
47	RE460 (GN-BU)	20	CTRL MOD. - POWERTRAIN # SIGNAL RETURN
48	RE139 (GY-OG)	20	CTRL MOD. - POWERTRAIN # EXHAUST GAS RECIRCUL. VALVE -
49	LE139 (BN-WH)	20	CTRL MOD. - POWERTRAIN # EXHAUST GAS RECIRCUL. VALVE +
50	CE412 (YE-VT)	18	CTRL MOD. - POWERTRAIN # THROTTLE ACTUATOR CONTROL MOTOR (TACM+)
51	CE426 (BU-GN)	18	CTRL MOD. - POWERTRAIN # THROTTLE ACTUATOR CONTROL MOTOR (TACM-)
52	VE740 (VT-GY)	20	SENSOR - INTAKE AIR TEMPERATURE (IAT)
53	VE804 (GN-BN)	20	SENSOR - MANIFOLD ABSOLUTE PRESSURE THERMISTOR (TMAP) +
54	VE818 (BN)	20	SENSOR - THROTTLE POSITION # NEGATIVE SLOPE (TP1-NS)
55	LE238 (GY)	20	CTRL MOD. - POWERTRAIN # FUEL RAIL PRESSURE SENSOR +
56	*	*	not used
57	RE135 (GN-BN)	20	CTRL MOD. - POWERTRAIN # CRANKSHAFT POSITION SENSOR (CKPN) -
58	CE306 (GN-VT)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 4 (COP-D)
59	CE305 (BU-OG)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 3 (COP-C)
60	CE303 (WH-VT)	18	CTRL MOD. - POWERTRAIN # IGNITION COIL ON PLUG ASSEMBLY 1 (COP-A)
61	VET73 (GN-BN)	20	SENSOR - INPUT SHAFT SPEED #1 (ISS1) +
62	RET24 (BN-BU)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION RANGE SIGNAL RETURN (TRGND)
63	*	*	not used
64	CET10 (BU-GY)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID F (SSF)
65	CET09 (YE-VT)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID E (SSE)
66	CET51 (WH)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION CLUTCH PRESSURE CONTROL (CPC)
67	CET08 (BN-WH)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID D (SSD)
68	VET26 (BN-GN)	20	SENSOR - OUTPUT SHAFT SPEED (OSS)
69	VE719 (GY-VT)	20	SENSOR - EXHAUST GAS RECIRCULATION TEMPERATURE
70	LE425 (BU-BN)	20	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE TRANSMISSION (VREF)
71	LE461 (GY-YE)	18	CTRL MOD. - POWERTRAIN # VOLTAGE REFERENCE TRANSMISSION 2 (VREF2)
72	CET07 (GY-OG)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID C (SSC)
73	CET50 (WH-OG)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION LINE PRESSURE CONTROL (LPC)
74	CET06 (GN-BN)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID B (SSB)
75	CET05 (BU-GN)	20	CTRL MOD. - POWERTRAIN # SHIFT SOLENOID A (SSA)
76	CE235 (GN-BN)	18	CTRL MOD. - POWERTRAIN # HEATER OXYGEN SEN. PRE CAT. 1ST OR UNIQUE (HTR11)
77	RE206 (BU-OG)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 2 (INJ) -
78	RE205 (YE-BU)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 1 (INJ) -
79	CE226 (YE-VT)	14	CTRL MOD. - POWERTRAIN # FUEL PUMP ON/OFF (FP) +
80	VET81 (YE-GY)	20	SENSOR - TRANSMISSION RANGE # PWM OUTPUT 2 (TR-P2)

81	CE233 (WH-OG)	18	CTRL MOD. - POWERTRAIN # HEATER OXYGEN SEN. POST CAT. 1ST OR UNIQUE (HTR12)
82	CE206 (GY-YE)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 2 (INJ) +
83	CE205 (GN-BU)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 1 (INJ) +
84	RE226 (GN-VT)	14	CTRL MOD. - POWERTRAIN # FUEL PUMP ON/OFF (FP) -
85	*	*	not used
86	*	*	not used
87	*	*	not used
88	RE207 (GN-VT)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 3 (INJ) -
89	RE208 (BU)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 4 (INJ) -
90	VET33 (WH-OG)	20	SENSOR - TURBINE/TRANSMISSION SHAFT SPEED (TSS) +
91	CET49 (BN)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION SOLENOID POWER CONTROL 2 (TSPC2)
92	CET25 (BU-GN)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION SOLENOID POWER CONTROL (TSPC)
93	CE207 (VT-GY)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 3 (INJ) +
94	CE208 (YE-OG)	16	CTRL MOD. - POWERTRAIN # FUEL INJECTOR DRIVER 4 (INJ) +
95	CET91 (YE-OG)	20	CTRL MOD. - POWERTRAIN # TRANSMISSION ACTUATOR SUPPLY VOLTAGE