

GPEC ECM		
Connector C1	Body interface connector	
Pin#	Function	Note
1		
2		
3		
4		
5		
6		
7		
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12		
13		
14		
15		
16		
17	Clutch Interlock Signal	From clutch switch
18		
19		
20		
21		
22		
23	12V Key On	Fused from IGN
24		
25		
26		
27		
28		
29		

30		
31		
32		
33	Can C(-)	To Star Connector
34		
35		
36		
37		
38		
39	Clutch Upstop SW (M/T)	From clutch switch
40		
41		
42	AC Sensor Ground	NOT REQUIRED
43		
44	AC Pressure Signal	NOT REQUIRED
45		
46		
47		
48	5V Supply to FTS	NOT REQUIRED
49		
50		
51		
52	GROUND	Ground for ECM
53	GROUND	Ground for ECM
54	FPS Ground	NOT REQUIRED
55	Active Exhaust Signal	NOT REQUIRED
56		
57	CAN C(+)	To Star Connector
58		
59		
60		

61		
62		
63		
64		
65		
66		
67	APPS Ground 2	To gas pedal pin 4
68	APPS Ground 1	To gas pedal pin 3
69	5V Supply	To gas pedal pin 6
70	EVAP Signal	NOT REQUIRED
71		
72	GROUND	Ground for ECM
73	Fuel Pump Relay Control	Grounds FP relay
74	ASD FEEDBACK	From output of ASD relay
75	ASD FEEDBACK	From output of ASD relay
76	ASD FEEDBACK	From output of ASD relay
77		
78	Cooling Fan Control	Grounds fan relay
79	AC Clutch Control	Grounds AC clutch relay
80	ASD Relay Control	Grounds ASD relay
81	Starter Control	Grounds starter relay
82		
83		
84		
85		
86		
87		
88	Fuel Tank Pressure Signal	NOT REQUIRED
89		
90		
91	APPS Signal 2	To gas pedal pin 5

92	APPS Singal 1	To gas pedal pin 2
93	5V Supply	To gas pedal pin 1
94	EVAP Purge	NOT REQUIRED
95		
96	Fused 12V+	From PDM supplying 12V+
Connector C2	Engine controls connector	
Pin#	Function	Note
1	SOL Control 7	
2		
3		
4	Oil Pressure Sensor SIG	
5		
6	SOL Control 4	
7		
8	INJ 1 Control	
9	INJ 2 Control	
10	INJ 3 Control	
11	INJ 4 Control	
12	Engine Coolant Temp Sig	
13	Knock Sensor 2 Signal	
14	Knock Sensor 1 Signal	
15		
16		
17		
18		
19	O2 Sense 1/2	NOT REQUIRED
20	Rear O2 Return	NOT REQUIRED
21	O2 Sense 2/2	NOT REQUIRED
22	VCT Control	
23		

24	Front O2 Sense 1/1	
25	SOL Control 6	
26	Skip Shift Control	
27	Reverse Lockout Control	
28		
29		
30		
31	SOL Control 1	
32	Alternator Field Control	To alternator pin 1
33	ETC Motor (+)	
34	ETC Motor (-)	
35	Alternator Sense	From alternator pin 2
36		
37	Knock Sensor 2 Return	
38	Knock Sensor 1 Return	
39	O2 1/1 Signal	
40	O2 Return Upstream	
41	O2 2/1 Signal	
42		
43	Engine Oil Temp Signal	
44	Inlet Air Temp Signal	
45	MAP Signal	
46		
47		
48	O2 1/2 Heater Supply	NOT REQUIRED
49	Coil Control 3	
50	Coil Control 2	
51	Coil Control 1	
52		
53	Short Runner Valve Sense	
54		

55		
56		
57		
58		
59		
60	Short Runner Valve Control	
61		
62		
63		
64		
65	Throttle Position Sense	
66	Sensor Ground	
67	5V Supply for Sensors	
68	Sensor Ground	
69		
70		
71		
72	O2 2/1 Heater Control	
73	Coil Control 4	
74	Coil Control 5	
75	Coil Control 6	
76	Coil Control 7	
77	Coil Control 8	
78		
79	INJ Control 5	
80	INJ Control 6	
81	INJ Control 7	
82	INJ Control 8	
83		
84		
85	Cam Position Sensor	

86	Crank Position Sensor	
87	5V Supply	
88	Crank Position Ground	
89	Throttle Position Sig 1	
90	Throttle Position Sig 2	
91		
92		
93		
94		
95		
96	O2 2/2 Heater Control	NOT REQUIRED