

MCM WIRING DIAGRAM

DDC RESPONSIBILITY

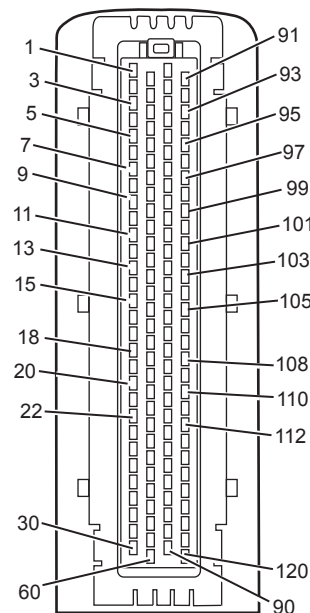


PIN NO. DESCRIPTION

- 1 Not Used
2 Not Used
3 Not Used
4 Spill Control Valve (cyl 4)-pin 4
5 Spill Control Valve Common-pin 3
6 Spill Control Valve (cyl 6)-pin 4
7 Spill Control Valve Common-pin 3
8 Spill Control Valve (cyl 5)-pin 4
9 Spill Control Valve Common-pin 3
10 Spill Control Valve (cyl 2)-pin 4
11 Spill Control Valve Common-pin 3
12 Spill Control Valve (cyl 3)-pin 4
13 Spill Control Valve Common-pin 3
14 Spill Control Valve (cyl 1)-pin 4
15 Spill Control Valve Common-pin 3
16 Needle Control Valve (cyl 4)-pin 2
17 Needle Control Valve Common-pin 1
18 Needle Control Valve (cyl 6)-pin 2
19 Needle Control Valve Common-pin 1
20 Needle Control Valve (cyl 5)-pin 2
21 Needle Control Valve Common-pin 1
22 Needle Control Valve (cyl 2)-pin 2
23 Needle Control Valve Common-pin 1
24 Needle Control Valve (cyl 3)-pin 2
25 Needle Control Valve Common-pin 1
26 Needle Control Valve (cyl 1)-pin 2
27 Needle Control Valve Common-pin 1
28 Not Used
29 DOC Outlet Temp Sensor
30 DPF Outlet Pressure Sensor
31 Not Used
32 Jake Front
33 Two-speed Fan or Variable-speed Fan
34 Not Used
35 Not Used
36 Not Used
37 Not Used
38 Ground
39 Not Used
40 Not Used
41 Not Used
42 CKP/TRS(-)
43 CKP/TRS(+)
44 CMP/SRS(-)
45 CMP/SRS(+)
46 Not Used
47 Fan Speed
48 Not Used
49 Not Used
50 Sensor Ground
51 Turbo Speed Sensor
52 Sensor Ground
53 Not Used
54 Engine Oil Pressure Sensor
55 Sensor Ground
56 Not Used
57 Not Used
58 Sensor Power Supply
59 Not Used
60 EGR Valve Position

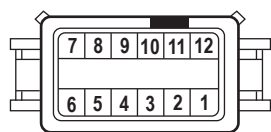
PIN NO. DESCRIPTION

- 61 EGR Valve
62 Power Supply
63 Not Used
64 Power Supply
65 Electronic Dosing Valve
66 Jake Rear
67 Ground
68 Not Used
69 Fuel Cutoff Valve
70 Ether Start
71 Not Used
72 Not Used
73 Not Used
74 VNT CAN (-)
75 VNT CAN (+)
76 Not Used
77 Supply Fuel Temperature Sensor
78 Not Used
79 Not Used
80 Not Used
81 Not Used
82 Sensor Power Supply
83 EGR Temperature Sensor
84 Fuel Compensation Pressure Sensor
85 Sensor Power Supply
86 Turbo Compressor InTemp Sensor
87 Intake Manifold Pressure Sensor
88 Sensor Ground
89 DOC Inlet Temp Sensor
90 Sensor Position
91 Intake Air Throttle Valve
92 Power Supply
93 Not Used
94 Power Supply
95 Not Used
96 Not Used
97 Not Used
98 Single-Speed Fan or Two-Speed Fan
99 Not Used
100 Intake Air Throttle (+)
101 Intake Air Throttle (-)
102 Sensor Ground
103 Sensor Ground
104 Sensor Ground
105 Sensor Ground
106 Intake Air Temperature Sensor
107 Not Used
108 Engine Oil Temperature Sensor
109 EGR Delta Pressure Sensor
110 Engine Coolant Temperature Sensor
111 Fuel Line Pressure Sensor
112 Turbo Compressor Out Temp Sensor
113 Not Used
114 Sensor Ground
115 DPF Outlet Temp Sensor
116 Not Used
117 Sensor Power Supply
118 DPF Inlet Pressure Sensor
119 Not Used
120 Not Used

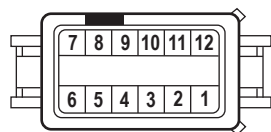


120-PIN CONNECTOR

LOOKING INTO VALVE COVER



FRONT CONNECTOR = GREY



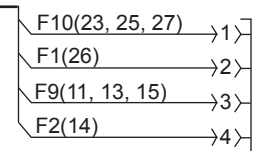
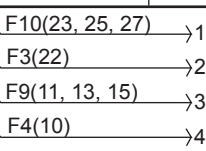
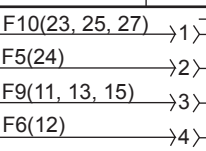
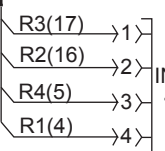
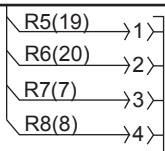
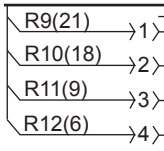
REAR CONNECTOR = BLACK

REAR INLINE TO SENSOR HARNESS

FRONT INLINE TO SENSOR HARNESS

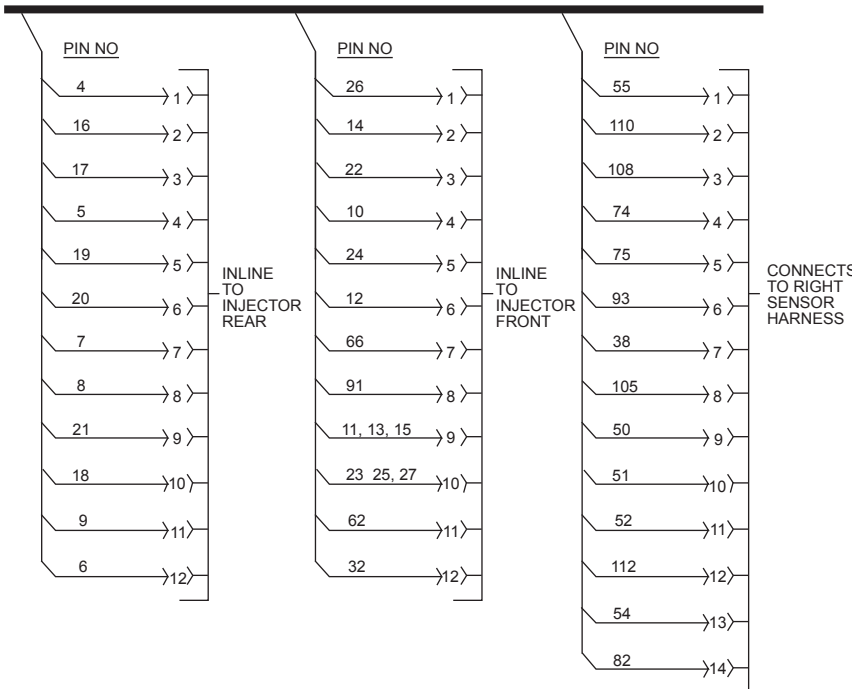
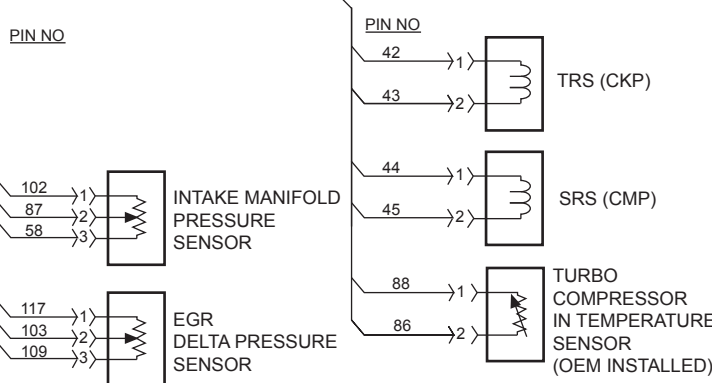
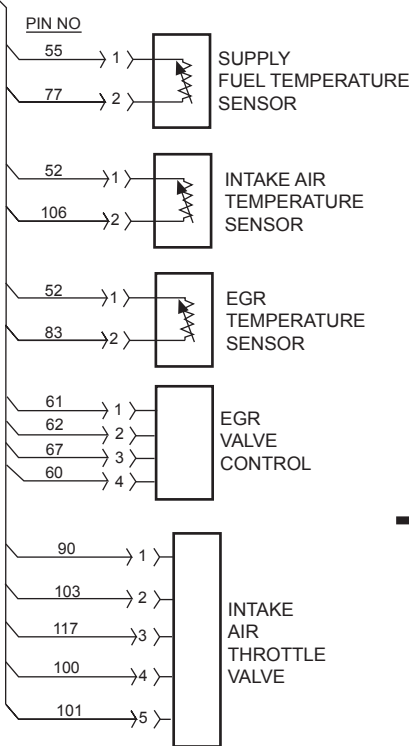
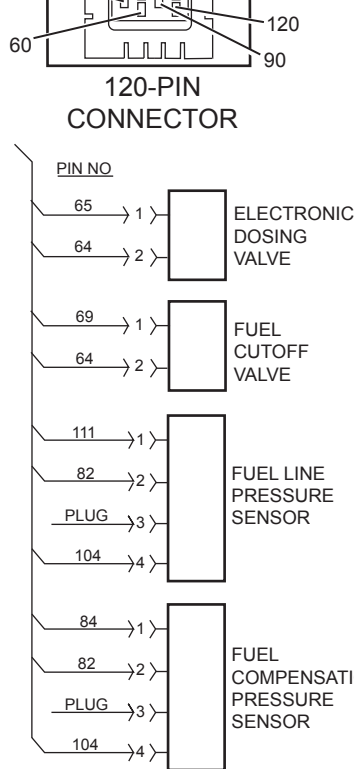


R = REAR
F = FRONT

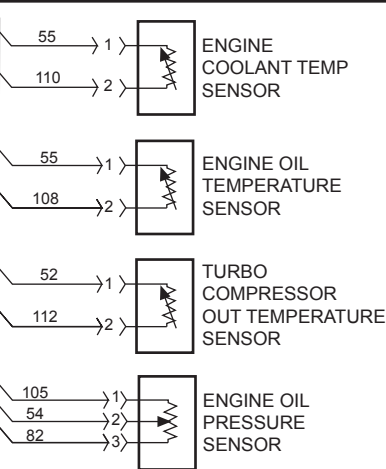
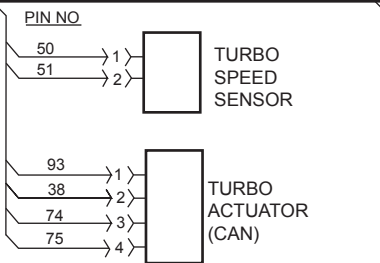


INJECTOR HARNESS (WITH JAKE BRAKE)

LEFT SENSOR HARNESS



RIGHT SENSOR HARNESS



CAVITY	LABEL
	PLUG
	PLUG
	PLUG
	PLUG
	PLUG
	PLUG
70	ETHER START
33	FAN CONTROL #2
98	FAN CONTROL #1
	PLUG
	PLUG
	PLUG
	PLUG
	PLUG
	PLUG
29	DOC OUTLET TEMP SENSOR
89	DOC INLET TEMP SENSOR
115	DPF OUTLET TEMP SENSOR
	PLUG
	PLUG
91	POWER SUPPLY
47	FAN SPEED
88	SENSOR GND
	PLUG
	PLUG
86	TCI TEMP SENSOR
114	SENSOR RETURN
85	SENSOR SUPPLY
30	DPF OUTLET PRESSURE SENSOR
118	DPF INLET PRESSURE SENSOR

DDEC VI SERIES 60 MCM EGR ENGINE HARNESS