

just

answer.

Dodge

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03 dodge cummins ECM pin layout diagram, color code of wires to.

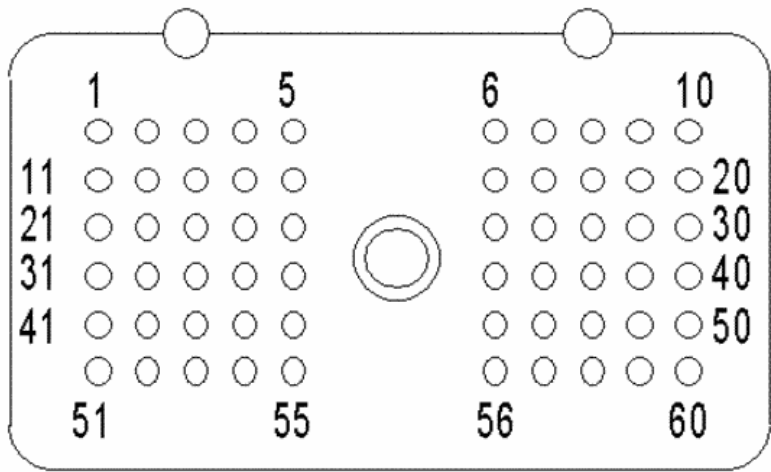
Customer Question

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Expert: [vipertech763](#)

Good afternoon, here is the info you requested:

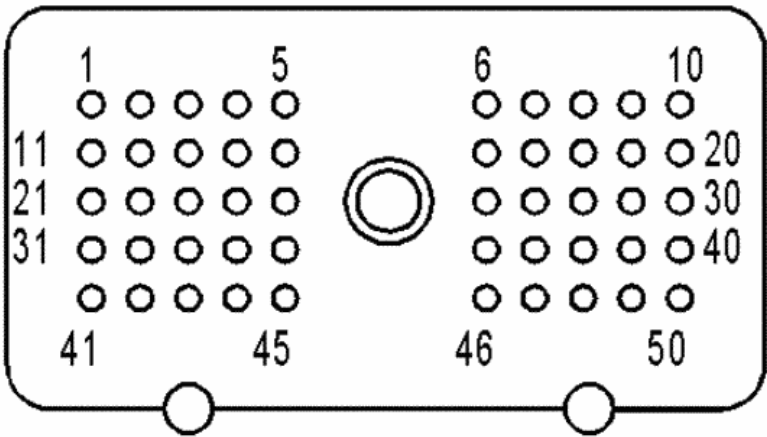


ENGINE CONTROL
MODULE C1
(DIESEL)

ENGINE CONTROL MODULE C1 (DIESEL) - 60 WAY

CAV	CIRCUIT	FUNCTION
1 -	-	
2 -	-	
3 -	-	
4 D1 18VT/BR	CCD BUS (+)	
5 D2 18WT/BK	CCD BUS (-)	
6 K65 18OR/RD	FUEL PUMP SUPPLY	
7 K20 18DG	GENERATOR FIELD CONTROL	
8 -	-	
9 -	-	

10 -	-
11 -	-
12 K102 18PK/BK	FUEL PRESSURE SENSOR SIGNAL
13 -	-
14 K23 18BR/WT (LATE BUILD M/T)	APPS SIGNAL NO. 1
15 K21 18BK/RD	INTAKE AIR TEMPERATURE SENSOR SIGNAL
16 K29 18WT/BR (LATE BUILD M/T)	APPS SIGNAL NO. 2
17 K2 18TN/BK	ENGINE COOLANT TEMPERATURE SENSOR SIGNAL
18 -	-
19 K31 18BR	FUEL PUMP RELAY CONTROL
20 -	-
21 -	-
22 G17 18WT/TN	CKP SIGNAL
23 K104 18RD/WT	SENSOR GROUND
24 K53 18DB/RD (EARLY BUILD)	CMP SIGNAL
24 K53 18DB (LATE BUILD)	CMP SIGNAL
25 Y501 18DB/YL	5 VOLT SUPPLY
26 C18 18DB	A/C PRESSURE SIGNAL
27 K6 18VT/WT	5 VOLT SUPPLY
28 -	-
29 Y502 18DG/YL	INLET AIR TEMPERATURE/PRESSURE RETURN
30 K11 16WT/DB	FUEL INJECTOR NO. 1 DRIVER
31 G20 18VT/YL	WATER IN FUEL SENSOR SIGNAL
32 K55 18LB/WT	SENSOR RETURN
33 K56 18LG/OR (LATE BUILD M/T)	APPS SENSOR RETURN NO. 1
34 K49 18VT/BK	APPS IDLE SWITCH
35 -	-
36 K14 16RD/WT	FUEL INJECTOR NO. 4 DRIVER
37 -	-
38 -	-
39 -	-
40 K13 16TN	FUEL INJECTOR NO. 3 DRIVER
41 -	-
42 K852 18BR/VT (LATE BUILD M/T)	5 VOLT SUPPLY
43 K9 18LB	5 VOLT SUPPLY
44 K101 18WT	NOT IDLE SWITCH
45 K62 18BK/OR	LIFT PUMP FEED
46 K58 16BR/DB	FUEL INJECTOR NO. 6 DRIVER
47 -	-
48 -	-
49 -	-
50 K12 16YL/WT	FUEL INJECTOR NO. 2 DRIVER
51 -	-
52 K167 18BR/YL	SENSOR GROUND
53 G910 18VT/RD	FUEL PRESSURE SENSOR SIGNAL RETURN
54 K72 18DG/OR	5 VOLT SUPPLY
55 -	-
56 K38 16GY	FUEL INJECTOR NO. 5 DRIVER
57 K92 16TN/PK	COMMON INJECTOR DRIVER
58 -	-
59 K91 16TN/RD	COMMON INJECTOR DRIVER



ENGINE CONTROL MODULE C2 (DIESEL)

Welcome! What's going on with your Dodge? 

ENGINE CONTROL MODULE C2 (DIESEL) - 50 WAY

CAV	CIRCUIT	FUNCTION
1	K22 18DR/DB	THROTTLE POSITION SENSOR SIGNAL
2	K24 18WT/DG	CRANKSHAFT POSITION SENSOR SIGNAL
3	K69 18 BR/LB	INJECTOR CONTROL SIGNAL NO.1
4	-	-
5	K154 18GY	INTAKE AIR HEATER RELAY NO. 2
6	K152 18WT	INTAKE AIR HEATER RELAY NO. 1
7	-	-
8	-	-
9	-	-
10	Y5 18OR	FAN SPEED SENSOR
11	G7 18WT/OR	VEHICLE SPEED SIGNAL
12	G60 18GY/YL	ENGINE OIL PRESSURE SWITCH SENSE
13	-	-
14	-	-
15	-	-
16	D21 18PK	SCI TRANSMIT
17	-	-
18	-	-
19	D20 18LG	SCI RECEIVE
20	A140 16DG/WTFUSED B(+)	
21	Z816 16BK/TN	GROUND
22	-	-
23	Y3 18WT	-

24 K4 18BK/LB SENSOR GROUND 1
25 - -
26 G8 18 LB/BK FUEL LEVEL SENSOR SIGNAL
27 K77 18 BR/WT TRANSFER CASE POSITION SENSOR INPUT
28 D25 18VT/YL PCI BUS
29 - -
30 A140 16DG/WTFUSED B(+)
31 - -
32 Y135 18LG/BK FUSED IGNITION SWITCH OUTPUT (RUN-START)
33 - -
34 - -
35 K68 18BR/LG INLET AIR PRESSURE SENSE
36 V32 18YL/RD SPEED CONTROL SUPPLY
37 K29 18WT/PK BRAKE SWITCH SENSE
38 - -
39 - -
40 A140 16DG/WTFUSED B(+)
41 C13 18DB/OR A/C CLUTCH RELAY CONTROL
42 - -
43 Y1 18LG FAN SPEED CONTROL
44 - -
45 - -
46 V37 18RD/YL S/C SWITCH SIGNAL
47 K118 18PK/YL BATTERY TEMPERATURE SENSOR SIGNAL
48 K400 18BR/VT ACCELERATOR PEDAL POSITION SENSOR RETURN NO. 2
49 Z816 16BK/TN GROUND
50 Z816 16BK/TN GROUND



vipertech763, automotive technician

Category: Dodge

Satisfied Customers: 1854

Experience: gold certified, dodge viper certified

vipertech763 and other Dodge Specialists are ready to help you



Expert: vipertech763

All the previous info is for the Engine control unit. But keep in mind that it has a Powertrain control module as well.

If this answers your question then please press **ACCEPT**. If you need more help then let me know. Thanks.

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