

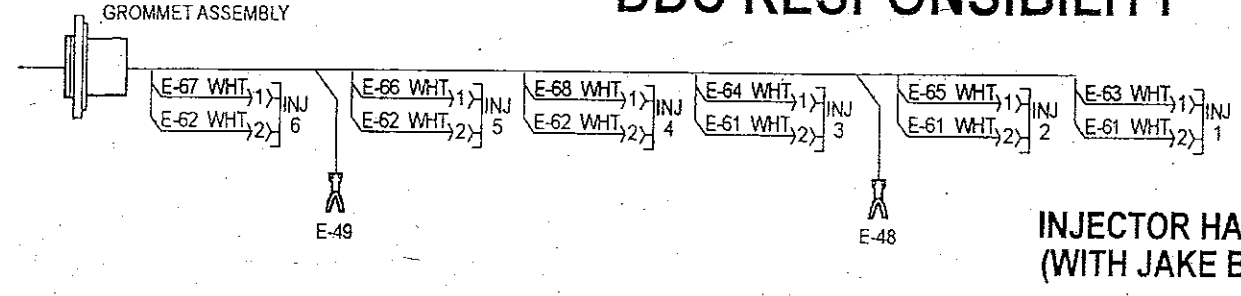
DDEC V WIRING DIAGRAM



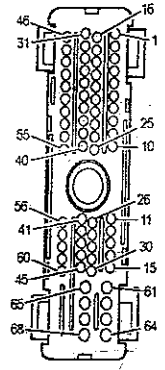
PIN NO.	WIRE COLOR	DESCRIPTION
E-1	BLK	EGR HYDRAULIC VALVE CONTROL
E-2	WHT	AIR TEMP
E-3	-	SPARE
E-4	BLK	VNT VPOD CONTROL
E-5	YEL	COOLANT TEMP
E-6	-	SPARE
E-7	TAN	OIL TEMP
E-8	-	SPARE
E-9	ORN	FUEL TEMP
E-10	-	SPARE
E-11	-	SPARE
E-12	GRA	SENSOR SUPPLY
E-13	-	SPARE
E-14	BLK	SENSOR RETURN
E-15	BLK	SENSOR RETURN
E-16	YEL	FUEL RESTRICTION - MAS
E-17	PURPLE	TRS-
E-18	DK GRN	TRS+
E-19	LT BLU	SRS+
E-20	WHT	SRS-
E-21	DK GRN	OIL LEVEL - MAS
E-22	DK BLU	COMPRESSOR TEMP OUT
E-23	-	SPARE
E-24	-	SPARE
E-25	-	SPARE
E-26	-	SENSOR SUPPLY
E-27	-	SPARE
E-28	-	GROUND - SPARE
E-29	-	GROUND - SPARE
E-30	-	GROUND - SPARE
E-31	BRN	OIL PRESSURE
E-32	-	SPARE
E-33	-	SPARE
E-34	BLK	TURBO SPEED SENSOR+
E-35	BRN	TURBO SPEED SENSOR-
E-36	-	SPARE
E-37	PNK	BAROMETRIC PRESSURE
E-38	-	SPARE
E-39	LT GRN	TURBO BOOST
E-40	DK BLU	CAN2+
E-41	-	SPARE
E-42	BLK	GROUND - VNT VPOD
E-43	BLK	GROUND - EGR RATE SENSOR
E-44	-	GROUND - SPARE
E-45	-	GROUND - SPARE
E-46	LT GRN	SWITCHED BATTERY+ - VNT
E-47	-	SPARE
E-48	RED	JAKE MED/HI
E-49	ORN	JAKE LOW/HI
E-50	-	SPARE
E-51	YEL	SWITCHED BATTERY+ - EGR VALVE
E-52	RED	SWITCHED BATTERY (+) - EGR RATE SENSOR
E-53	-	SPARE
E-54	PNK	CAN2-
E-55	BLK	CAN2 SHIELD
E-56	-	SPARE
E-57	-	SPARE
E-58	-	SPARE
E-59	-	EXTERNAL RTC BATTERY+
E-60	-	GROUND PIN - SPARE
E-61	WHT	S60 COMMON CYL #1,2,3
E-62	WHT	S60 COMMON CYL #4,5,6
E-63	WHT	S60 CYL #1
E-64	WHT	S60 CYL #3
E-65	WHT	S60 CYL #2
E-66	WHT	S60 CYL #5
E-67	WHT	S60 CYL #6
E-68	WHT	S60 CYL #4

PIN NO	COLOR	DESCRIPTION
1	WHT	INJ RETURN 1,2,3
2	WHT	INJ RETURN 4,5,6
3	WHT	INJ 1
4	WHT	INJ 3
5	WHT	INJ 2
6	WHT	INJ 5
7	WHT	INJ 6
8	WHT	INJ 4
9	WHT	JAKE 1,2,3
10	WHT	JAKE 4,5,6

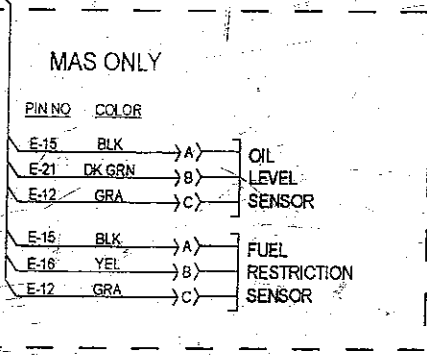
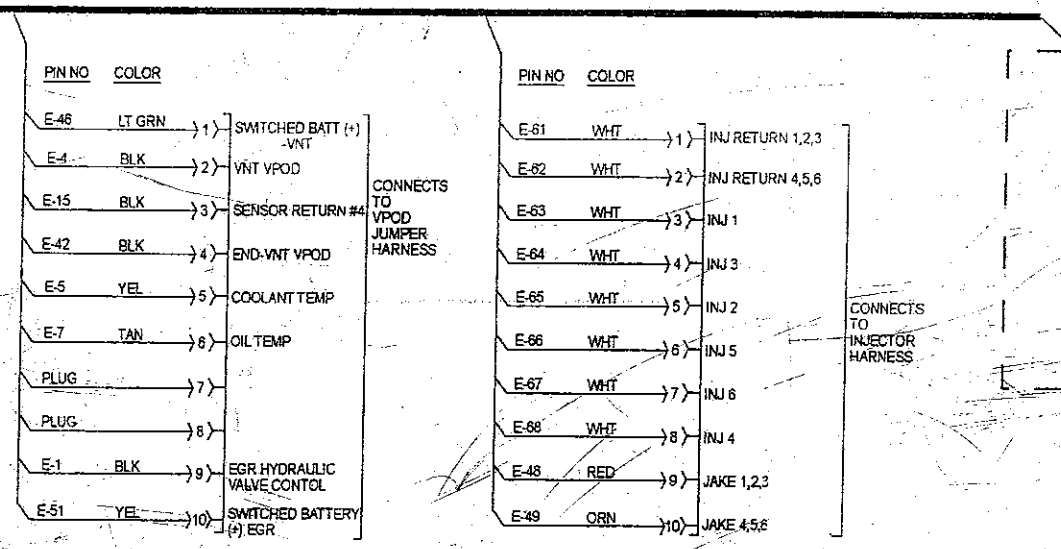
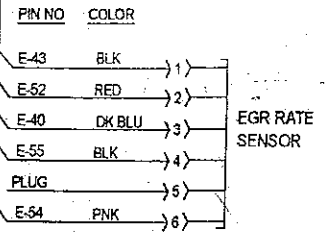
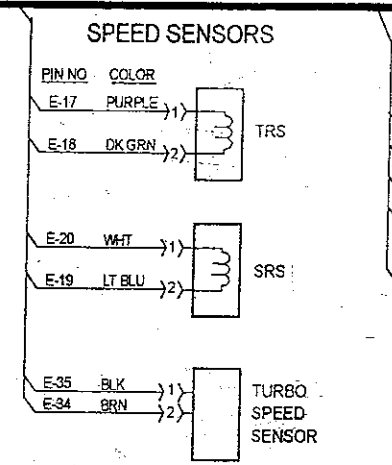
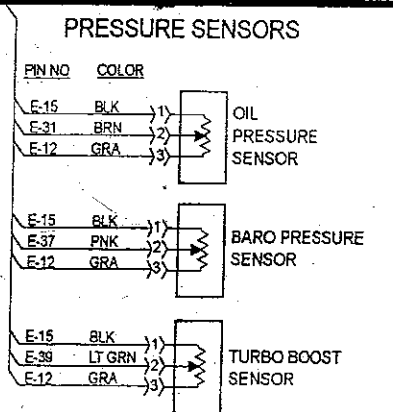
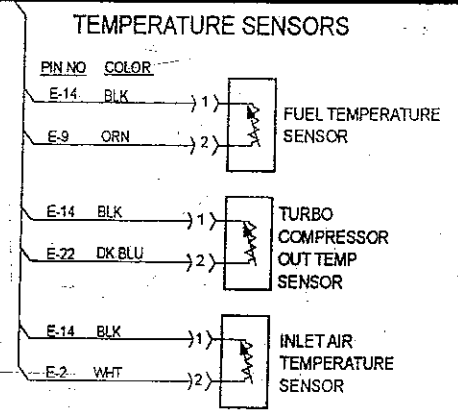
DDC RESPONSIBILITY



INJECTOR HARNESS (WITH JAKE BRAKE)

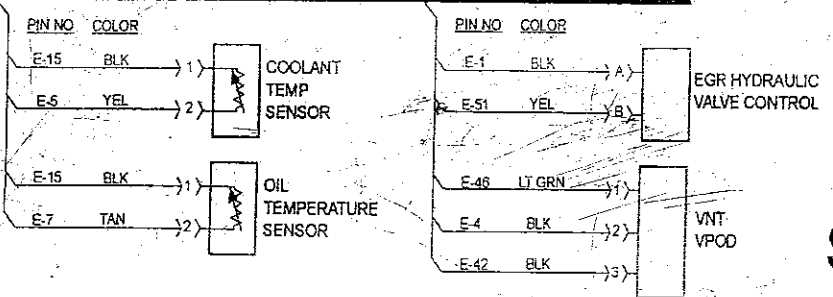


FRONT OF CONNECTOR



VPOD JUMPER HARNESS

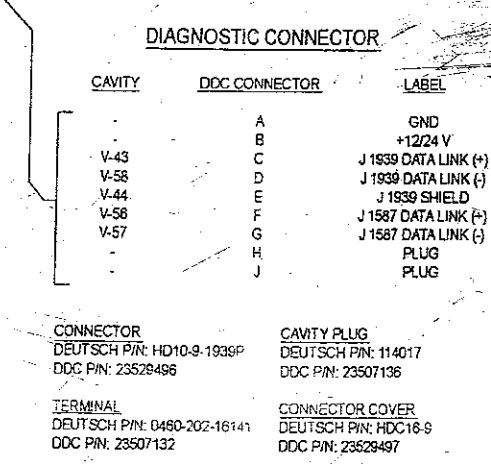
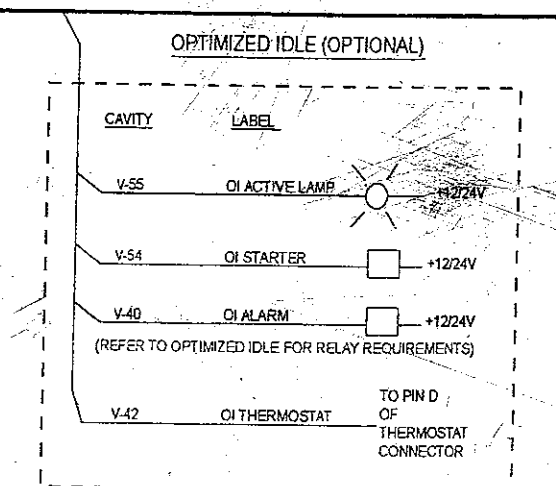
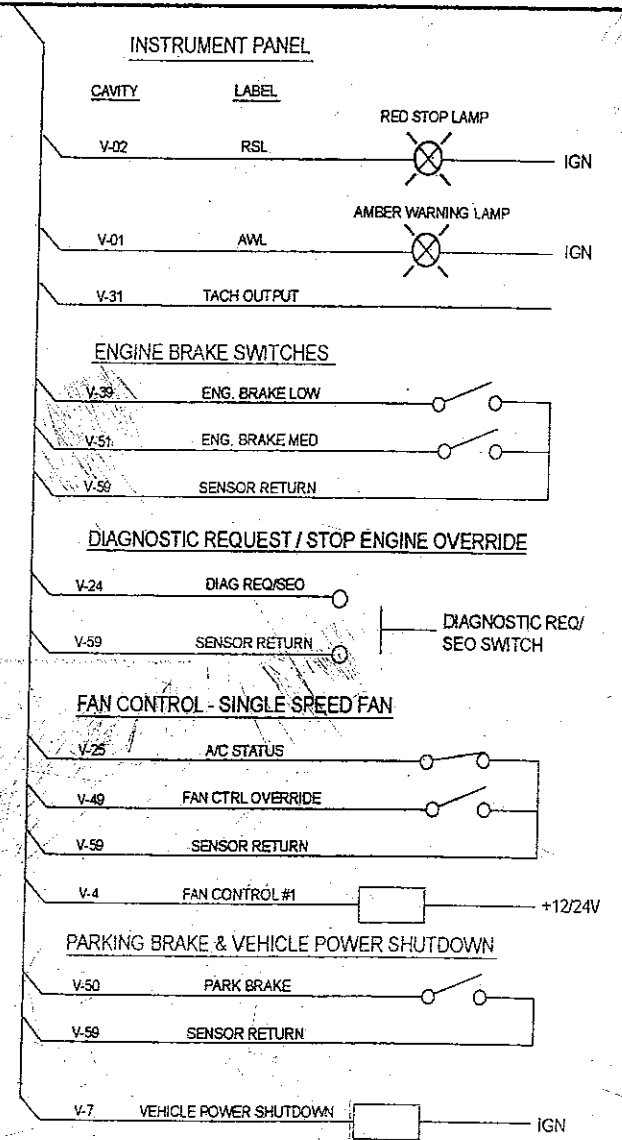
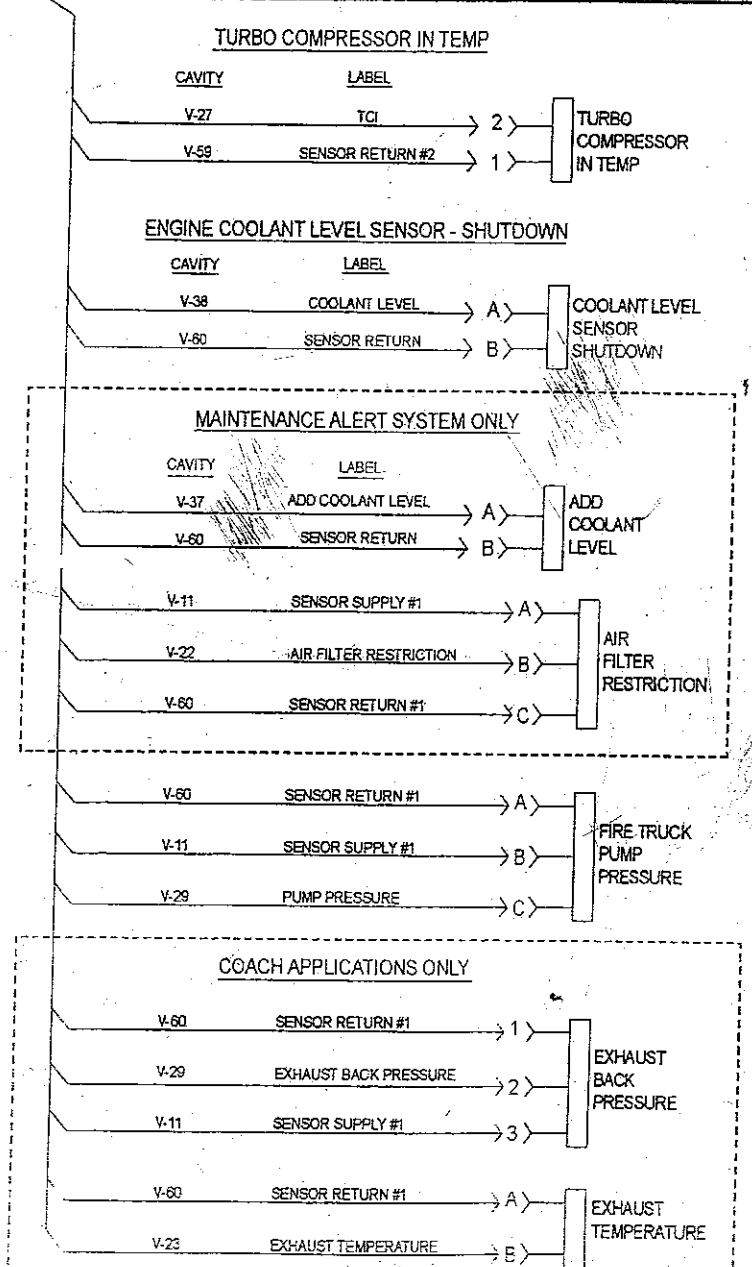
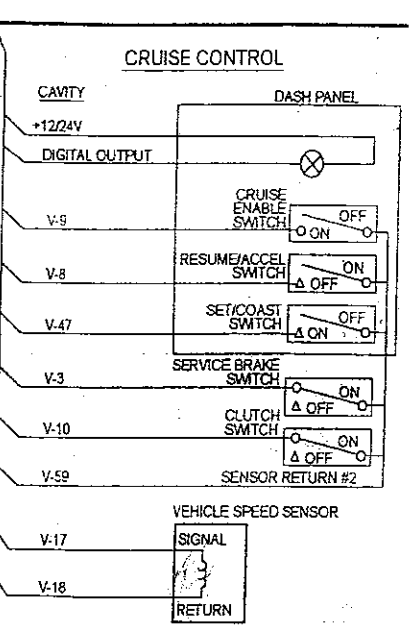
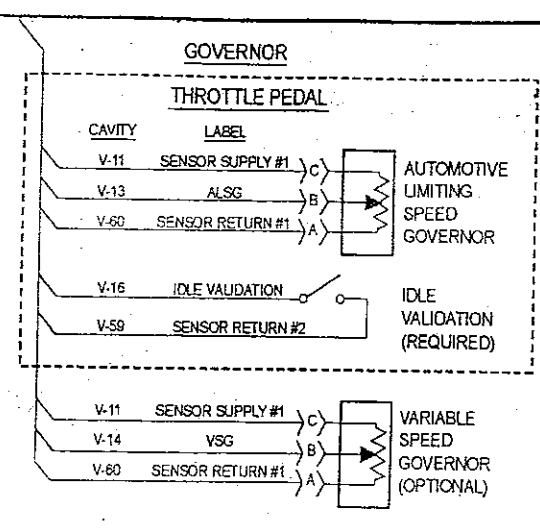
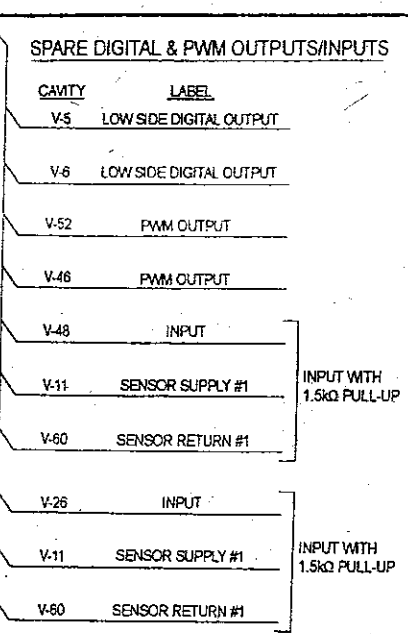
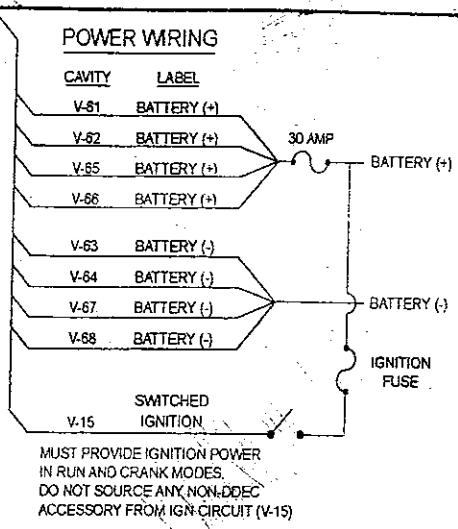
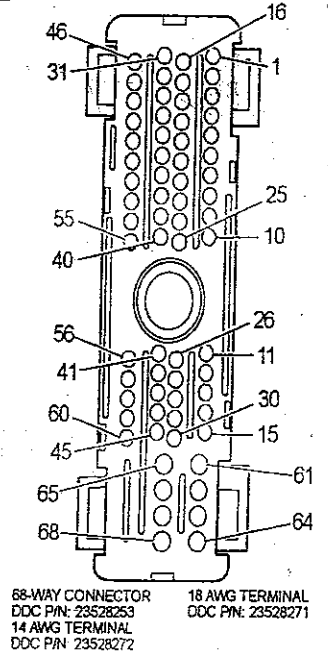
PIN NO	COLOR	DESCRIPTION
1	LT GRN	SWITCHED BATT (+)
2	BLK	VNT VPOD CTRL
3	BLK	SENSOR RETURN #4
4	BLK	GND-VNT VPOD
5	YEL	COOLANT TEMP
6	TAN	OIL TEMP
7	PLUG	
8	PLUG	
9	BLK	EGR HYDRAULIC VALVE CTRL
10	YEL	SWITCHED BATT (+) EGR



SERIES 60 DDEC V EGR ENGINE HARNESS

LABEL CAVITY

- AMBER WARNING LAMP V-1
- RED STOP LAMP V-2
- SERVICE BRAKE RELEASED V-3
- FAN CONTROL #1 V-4
- DIGITAL OUTPUT V-5
- DIGITAL OUTPUT V-6
- VEHICLE PWR SHUTDOWN V-7
- RESUME/ACCEL V-8
- CRUISE ENABLE V-9
- CLUTCH RELEASED V-10
- SENSOR SUPPLY #1 V-11
- SENSOR SUPPLY #2 V-12
- THROTTLE POSITION V-13
- VSG V-14
- IGNITION V-15
- IDLE VALIDATION V-16
- VEHICLE SPEED SENSOR (+) V-17
- VEHICLE SPEED SENSOR (-) V-18
- NO CONNECTION V-19
- NO CONNECTION V-20
- NO CONNECTION V-21
- AIR FILTER RESTRICTION V-22
- EXHAUST TEMPERATURE V-23
- SEO/DIAG REQUEST V-24
- A/C STATUS V-25
- ANALOG INPUT - 1.5kΩ PULLUP V-26
- TURBO COMPRESSOR IN TEMP V-27
- NO CONNECTION V-28
- EXHAUST BACK PRESSURE OR FIRE TRUCK PUMP PRESSURE V-29
- NO CONNECTION V-30
- TACHOMETER V-31
- FAN SPEED (+) V-32
- FAN SPEED (-) V-33
- NO CONNECTION V-34
- NO CONNECTION V-35
- NO CONNECTION V-36
- ADD COOLANT LEVEL V-37
- COOLANT LEVEL - SHUTDOWN V-38
- ENGINE BRAKE LOW V-39
- OI ALARM V-40
- AUX SHUTDOWN #1 V-41
- OI THERMOSTAT V-42
- J 1939 DL (+) V-43
- J 1939 DL SHIELD V-44
- NO CONNECTION V-45
- PWM OUTPUT V-46
- SET/COAST V-47
- ANALOG INPUT - 1.5kΩ PULLUP V-48
- FAN CONTROL OVERRIDE V-49
- PARK BRAKE V-50
- ENG BRAKE MED V-51
- PWM OUTPUT V-52
- ETHER START V-53
- OI STARTER V-54
- OI ACTIVE LAMP V-55
- J 1587 + V-56
- J 1587- V-57
- J 1939 DL (-) V-58
- SENSOR RETURN #2 V-59
- SENSOR RETURN #1 V-60
- +12V / +24V V-61
- +12V / +24V V-62
- BATTERY GROUND V-63
- BATTERY GROUND V-64
- +12V / +24V V-65
- +12V / +24V V-66
- BATTERY GROUND V-67
- BATTERY GROUND V-68



All information subject to change without notice. (Rev. 5/03)
75A821 0306 Copyright © 2003 DETROIT DIESEL CORPORATION

DDEC V VEHICLE INTERFACE HARNESS