

RELEASE NUMBER	REV	DATE	REVISION DESCRIPTION	BY	DATE	APPD
P02859-01	-	-	INITIAL RELEASE	VAS	08/20/98	SCN

PDM CONNECTOR PINOUTS					
CONN POSITION	CIR. NO. 1	STD 2	FEMALE TERM SERIES	MODULE	NOTES
A A1 A2 A3 A4 A5 A6 A7	38D 98 437 172 36 52	X X X X X X	480 630 280 280 480 280		
B B1 B2 B3 B4 B5 B6 B7 B8	73 76 81C 81C 20H 21A 29C	X X X X X X X	280 280 280 280 280 280 280		
C C1 C2 C3 C4 C5 C6 C7 C8	280 GND GND --- 108 108		280 280 280 280 280 280 280	283	RESERVED EXCLUSIVELY FOR ENGINE ECM CIRCUITRY OPEN POSITION FOR FUTURE EXPANSION DOMELIGHT POWER CIRCUIT DOMELIGHT POWER CIRCUIT
D D1 D2 D3 D4 D5 D6 D7 D8	359 20A 23F 21 315 29F 20D 315A	X X X X X X X	280 280 280 280 280 280 280		
E E1 E2 E3 E4 E5 E6 E7 E8	20 437A 23D 27 234+ 315B	X X X X X X	280 280 280 280 280 280		
F F1 F2 F3 F4 F5 F6 F7	379A 38A 57 29D 97B GND GND	△ X X X X X	280 480 280 280 280 630 480	311	RESERVED FOR DRL WHEN SPECIFIED.
B A B C D E F	295B 81C 81C 81C	X	280 280 280 280	318	UTILITY LIGHT POWER CIRCUIT } NOT IN STD MCH. SPECIFY WHEN USED
C A B C D E F	379C --- 363A 157 363B 379D		280 280 280 280 280 280	311	RESERVED FOR DRL WHEN SPECIFIED. OPEN POSITION FOR FUTURE EXPANSION RESERVED FOR LH POWER WINDOW WHEN SPECIFIED. RESERVED FOR POWER MIRRORS WHEN SPECIFIED. RESERVED FOR POWER WINDOWS WHEN SPECIFIED. RESERVED FOR DRL WHEN SPECIFIED.
D A B C D E F	52R 295C	X X	630 630 280 280 280	756	IGN PWR WITH 30A BRKR LABELING ACC PWR WITH 30A BRKR LABELING RESERVED FOR POWER SEAT WHEN SPECIFIED. CIGAR LIGHTER POWER CIRCUIT
E A B C D E F G H	27A GND 52K 295A 27B 46	X X X X X X	280 280 280 280 280 280	329 329	NOT IN STD MCH. SPECIFY WHEN USED OPT SW1 WITH 15A BRKR LABELING OPT SW2 WITH 15A BRKR LABELING
F A B			630 630		IGN PWR WITH 30A BRKR LABELING
G A B	443		630 630	656	RESERVED FOR DOOR LOCKS WHEN SPECIFIED.
H A B	GND GNDP	X	800 800		NOT IN STD MCH. SPECIFY WHEN USED
J A B C D E F G H	52K	X	280 280 280 280 280 280 280	716 316 329	RESERVED FOR WINDSHIELD FAN WHEN SPECIFIED. RADIO POWER CIRCUIT RESERVED FOR SPOTLIGHT WHEN SPECIFIED. IGN PWR WITH 15A BRKR LABELING DOME LIGHT POWER CIRCUIT CB POWER CIRCUIT OPT SW2 WITH 15A BRKR LABELING
K A B C D E F	45	X	630 630 280 280 280		COMMON BUSS WITH HVAC PWR CIRCUIT RH HDLT LOW BEAM PWR CIRCUIT MARKER/TAIL LIGHT PWR CIRCUIT RH HDLT HI BEAM PWR CIRCUIT

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L A B C D E	363B 379		630 630 630 280 280 280	656 220 331 329 311	RESERVED FOR POWER WINDOWS WHEN SPECIFIED. RESERVED FOR FUEL HTR WHEN SPECIFIED. RESERVED FOR TRLR ABS WHEN SPECIFIED. OPT SW1 WITH 15A BRKR LABELING. RESERVED FOR DRL WHEN SPECIFIED. ACC PWR WITH 30A BRKR LABELING.
M A B	14S 14E	X X	800 800		
N A1 A2 A3 A4 A5 A6 A7	GND 46A GND --- --- ---	X X	480 480 280 280 480 280		} OPEN POSITIONS FOR FUTURE EXPANSION
B1 B2 B3 B4 B5 B6 B7 B8	--- --- 108 41 315P 315L 21H	X X X X X X	280 280 280 280 280 280 280		} OPEN POSITIONS FOR FUTURE EXPANSION OPEN POSITION FOR FUTURE EXPANSION
C1 C2 C3 C4 C5 C6 C7 C8	173A --- 20L --- 46 46E 46F 23	X X X X X X	280 280 280 280 280 280 280		OPEN POSITION FOR FUTURE EXPANSION OPEN POSITION FOR FUTURE EXPANSION
D1 D2 D3 D4 D5 D6 D7 D8	--- --- --- --- 94 21L 24	X X X X X X	280 280 280 280 280 280 280		} OPEN POSITIONS FOR FUTURE EXPANSION
E1 E2 E3 E4 E5 E6 E7 E8	20H --- --- --- --- 27L 27R 315H	X X X X X X X	280 280 280 280 280 280 280		} OPEN POSITIONS FOR FUTURE EXPANSION
F1 F2 F3 F4 F5 F6 F7	GND 28 GND5 --- 120 23A 38T	X X X X X X	280 480 480 280 280 630 480	656	RESERVED FOR POWER WINDOWS WHEN SPECIFIED. OPEN POSITION FOR FUTURE EXPANSION

PDM CONNECTOR TABULATION		
PDM CONN ID	LOCATION REF	MATING CONN P/N METRI-PACK PLUG
A	TOP SURFACE	PAC12092285 (46 PINS)
N	BOTTOM SURFACE	
B	TOP SURFACE	PAC12089527 (6 PINS)
C	TOP SURFACE	PAC12064752 (6 PINS)
D	TOP SURFACE	PAC12162229 (6 PINS)
L	BOTTOM SURFACE	
E	TOP SURFACE	PAC12064998 (8 PINS)
J	BOTTOM SURFACE	
F	TOP SURFACE	PAC12129939 (2 PINS)
G		
H	TOP SURFACE	PAC12146037 (2 PINS)
K	BOTTOM SURFACE	PAC12110075 (6 PINS)
M	BOTTOM SURFACE	PAC12146038 (2 PINS)

PDM ADD-ON EXTERNAL RELAY POSITIONS			
POS	CIR. NO. 1	MODULE	
60	△	656	RESERVED FOR POWER WINDOWS WHEN SPECIFIED.
61	△	656	RESERVED FOR POWER WINDOWS WHEN SPECIFIED.
62	△	656	RESERVED FOR POWER LOCKS WHEN SPECIFIED.
63	△	656	RESERVED FOR POWER LOCKS WHEN SPECIFIED.
64	△		

- △ CIRCUIT NUMBERS SPECIFIED IN THIS TABLE CORRESPOND TO THOSE SPECIFIED ON P2-MCH OR ON AN OVERLAY HARNESS AS INDICATED.
- △ "STD" IMPLIES WIRING IS INCLUDED ON STANDARD MAIN CAB HARNESS. IF NOT, AN OVERLAY HARNESS IS REQUIRED FOR WIRING.
- △ CIR * C987, CAT3176B & 3406E. NC26, CUM M11 & N14. D439, DDC60 SERIES.
- △ WARNING! ASSIGNMENTS TO THIS PIN POSITION MUST BE APPROVED BY ENGINEERING (COMMON BUSS WITH CLUSTER POWER CIRCUIT).
- △
- △
- △ WARNING! ASSIGNMENTS TO THIS PIN POSITION MUST BE APPROVED BY ENGINEERING.
- △ PDM ERROR! - THIS PIN IS NOT USABLE.
- △ POSITIONS NOT SHOWN ON THIS SCHEMATIC. SEE COMPONENT ADDRESS DIAG D06-23087 FOR LOCATIONS.
- △ NUMEROUS CIRCUIT NUMBERS. SEE OVERLAYS.

FREIGHTLINER LLC					
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DESIGNED BY G. HARVEY		DATE 06/30/99		UNLESS OTHERWISE NOTED, DIMENSIONS AND TOLERANCES ARE DEFINED ACCORDING TO ANSI STANDARD Y14.5M-1982, WITH EXCEPTIONS PER FREIGHTLINER EDR SECT 307.	
CHECKED BY D. MCINTOSH		DATE 06/30/99		THIRD ANGLE PROJECTION	
RESPONSIBLE ENGINEER D. MCINTOSH		DATE 06/30/99		MATERIAL	
APPROVED BY C. COOPER		DATE 06/30/99		MFG. ORDER/POUCH ASMT S. JENSEN	
DESCRIPTION SCHEMATIC, PDM, FLX/FLH		DATE 03/23/00		SHEET NUMBER 2 OF 2	
SUPPLEMENTARY SHEET SUREPOWER, LVD, CIR BRKR OPTION					
ITEM/DRAWING NUMBER D06-33267					

