

DATE	BY	REVISION	BY	DATE

PDM CONNECTOR P INOUTS					
PDM POSITION	CIR. NO.	STD	FEEDBACK	MODULE	NOTES
A	01	310	X	600	
	02	311	X	600	
	03	312	X	600	
	04	313	X	600	
	05	314	X	600	
	06	315	X	600	
	07	316	X	600	
B	01	317	X	600	
	02	318	X	600	
	03	319	X	600	
	04	320	X	600	
	05	321	X	600	
	06	322	X	600	
	07	323	X	600	
C	01	324	X	600	RESERVED EXCLUSIVELY FOR ENGINE 601 CIRCUITRY
	02	325	X	600	
	03	326	X	600	
	04	327	X	600	
	05	328	X	600	
	06	329	X	600	
	07	330	X	600	
D	01	331	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	332	X	600	
	03	333	X	600	
	04	334	X	600	
	05	335	X	600	
	06	336	X	600	
	07	337	X	600	
E	01	338	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	339	X	600	
	03	340	X	600	
	04	341	X	600	
	05	342	X	600	
	06	343	X	600	
	07	344	X	600	
F	01	345	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	346	X	600	
	03	347	X	600	
	04	348	X	600	
	05	349	X	600	
	06	350	X	600	
	07	351	X	600	
G	01	352	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	353	X	600	
	03	354	X	600	
	04	355	X	600	
	05	356	X	600	
	06	357	X	600	
	07	358	X	600	
H	01	359	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	360	X	600	
	03	361	X	600	
	04	362	X	600	
	05	363	X	600	
	06	364	X	600	
	07	365	X	600	
I	01	366	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	367	X	600	
	03	368	X	600	
	04	369	X	600	
	05	370	X	600	
	06	371	X	600	
	07	372	X	600	
J	01	373	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	374	X	600	
	03	375	X	600	
	04	376	X	600	
	05	377	X	600	
	06	378	X	600	
	07	379	X	600	
K	01	380	X	600	RESERVED FOR DEL WHEN SPECIFIED
	02	381	X	600	
	03	382	X	600	
	04	383	X	600	
	05	384	X	600	
	06	385	X	600	
	07	386	X	600	

PDM CONNECTOR P INOUTS					
PDM POSITION	CIR. NO.	STD	FEEDBACK	MODULE	NOTES
L	01	387	X	600	RESERVED FOR POWER WINDOWS WHEN SPECIFIED.
	02	388	X	600	
	03	389	X	600	
	04	390	X	600	
	05	391	X	600	
	06	392	X	600	
	07	393	X	600	
M	01	394	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	395	X	600	
	03	396	X	600	
	04	397	X	600	
	05	398	X	600	
	06	399	X	600	
	07	400	X	600	
N	01	401	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	402	X	600	
	03	403	X	600	
	04	404	X	600	
	05	405	X	600	
	06	406	X	600	
	07	407	X	600	
O	01	408	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	409	X	600	
	03	410	X	600	
	04	411	X	600	
	05	412	X	600	
	06	413	X	600	
	07	414	X	600	
P	01	415	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	416	X	600	
	03	417	X	600	
	04	418	X	600	
	05	419	X	600	
	06	420	X	600	
	07	421	X	600	
Q	01	422	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	423	X	600	
	03	424	X	600	
	04	425	X	600	
	05	426	X	600	
	06	427	X	600	
	07	428	X	600	
R	01	429	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	430	X	600	
	03	431	X	600	
	04	432	X	600	
	05	433	X	600	
	06	434	X	600	
	07	435	X	600	
S	01	436	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	437	X	600	
	03	438	X	600	
	04	439	X	600	
	05	440	X	600	
	06	441	X	600	
	07	442	X	600	
T	01	443	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	444	X	600	
	03	445	X	600	
	04	446	X	600	
	05	447	X	600	
	06	448	X	600	
	07	449	X	600	
U	01	450	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	451	X	600	
	03	452	X	600	
	04	453	X	600	
	05	454	X	600	
	06	455	X	600	
	07	456	X	600	
V	01	457	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	458	X	600	
	03	459	X	600	
	04	460	X	600	
	05	461	X	600	
	06	462	X	600	
	07	463	X	600	
W	01	464	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	465	X	600	
	03	466	X	600	
	04	467	X	600	
	05	468	X	600	
	06	469	X	600	
	07	470	X	600	
X	01	471	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	472	X	600	
	03	473	X	600	
	04	474	X	600	
	05	475	X	600	
	06	476	X	600	
	07	477	X	600	
Y	01	478	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	479	X	600	
	03	480	X	600	
	04	481	X	600	
	05	482	X	600	
	06	483	X	600	
	07	484	X	600	
Z	01	485	X	600	RESERVED FOR DEL WHEN SPECIFIED.
	02	486	X	600	
	03	487	X	600	
	04	488	X	600	
	05	489	X	600	
	06	490	X	600	
	07	491	X	600	

PDM CONNECTOR TABULATION		
PDM CONN ID	LOCATION	MATING CONN PIN
A	TOP SURFACE	PAC12042846 (40 PINS)
H	BOTTOM SURFACE	PAC12042847 (40 PINS)
B	TOP SURFACE	PAC12042848 (40 PINS)
C	TOP SURFACE	PAC12042849 (40 PINS)
D	TOP SURFACE	PAC12042850 (40 PINS)
L	BOTTOM SURFACE	PAC12042851 (40 PINS)
E	TOP SURFACE	PAC12042852 (40 PINS)
J	BOTTOM SURFACE	PAC12042853 (40 PINS)
F	TOP SURFACE	PAC12042854 (40 PINS)
G	TOP SURFACE	PAC12042855 (40 PINS)
H	TOP SURFACE	PAC12042856 (40 PINS)
K	BOTTOM SURFACE	PAC12042857 (40 PINS)
N	BOTTOM SURFACE	PAC12042858 (40 PINS)

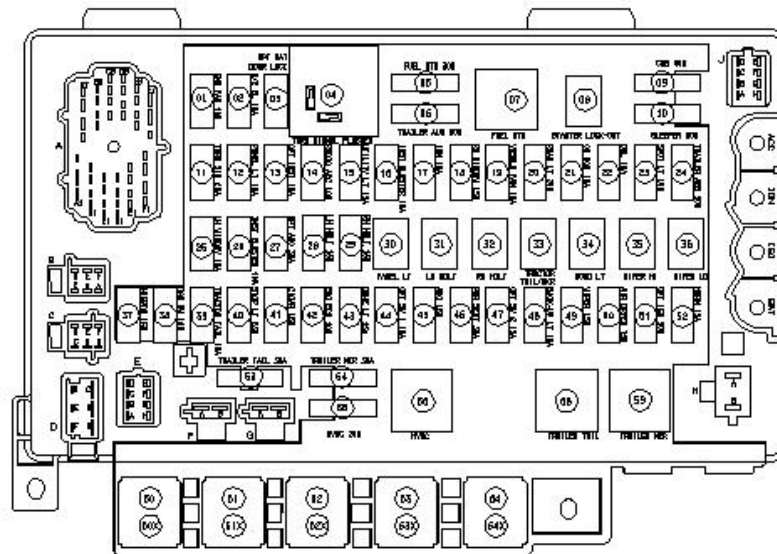
PDM ADD-ON EXTERNAL RELAY POSITIONS			
POS	CIR. NO.	MODULE	NOTES
61	492	600	RESERVED FOR POWER WINDOWS WHEN SPECIFIED.
01	493	600	RESERVED FOR POWER WINDOWS WHEN SPECIFIED.
62	494	600	RESERVED FOR POWER LOCKS WHEN SPECIFIED.
01	495	600	RESERVED FOR POWER LOCKS WHEN SPECIFIED.
64	496	600	RESERVED FOR POWER LOCKS WHEN SPECIFIED.

- ▲ CIRCUIT NUMBERS SPECIFIED IN THIS TABLE CORRESPOND TO THOSE SPECIFIED ON P-7 WHEN OR IN AN OVERLAY WINDOW AS INDICATED.
- ▲ "STD" IMPLIES WIRING IS INCLUDED ON STANDARD WAIN AND HARNESS. IF NOT, AN OVERLAY HARNESS IS REQUIRED FOR WIRING.
- ▲ CIR # 0807, 0431700 & 34016  
N335 02N H11 & H14  
0431 0200N 0200N
- ▲ WIRING/INSTALLMENTS TO THIS PIN POSITION MUST BE APPROVED BY ENGINEERING (COMMON BUSH WITH CLUSTER POWER CIRCUIT).
- ▲ WIRING/INSTALLMENTS TO THIS PIN POSITION MUST BE APPROVED BY ENGINEERING.
- ▲ PDM ERROR! - THIS PDM IS NOT UNABLE
- ▲ POSITIONING NOT SHOWN ON THIS SCHEMATIC. SEE COMPONENT ADDRESS DIAG 016-2307 FOR LOCATION.
- ▲ NUMERICAL CIRCUIT NUMBERS, SEE OVERLAY.

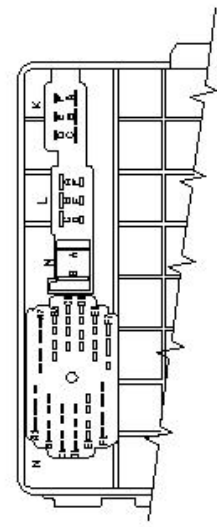
FREIGHTLINER LLC	
<small>IF YOU HAVE ANY QUESTIONS OR COMMENTS REGARDING THIS DRAWING, PLEASE CONTACT THE DESIGN ENGINEER OR THE PROJECT MANAGER. THE DESIGN ENGINEER IS RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED ON THIS DRAWING.</small>	
DATE	06/28/06
DESIGNED BY	06/28/06
CHECKED BY	06/28/06
APPROVED BY	06/28/06
DATE	06/28/06
TIME	11:25:00
SCHEMATIC, PDM, FLX/PLH	
3200 POWER LVD, CIR 600, OPTION	
<b>006-33267</b>	
2 of 2	

POSITION	ADDRESS	STD	OPT	COMPONENT	PDM LABELING	PDM PIN-OUTS	NOTES
01	PD011	X	X	250 BRKR	250 FAN 10A	PD029	
02	PD021	X		250 BRKR	A/C CLUTCH 10A	PD035	
03	PD032		X	250 BRKR	OPT BAT COOR LOCK	PD042 PD044 PD046 PD048	
04	PD04F	X		FLASHER	TURN SIGNAL FLASHER	SEE POSITION 31	
05	PD05B	X	X	NAK FUSE	FUEL HEATER 30A	PD049	
06	PD06B	X	X	NAK BRKR	TRAILER AXLS 30A	PD052	
07	PD07H	X		NKRC RELAY	FUEL HTR	SEE POSITION 6	
08	PD08R	X		NK3RD RELAY	STARTER LOCK-OUT	PD056 PD058 PD057	
09	PD09B	X		NAK FUSE	CRG, 30A	PD061	
10	PD10B	X	X	NAK FUSE	SLEEPER 30A	PD064	
11	PD11R	X		250 BRKR	TURN SIGNAL 20A	PD062	
12	PD12B	X		250 BRKR	PANEL LT 15A	PD067 PD064 PD068	
13	PD131	X		250 BRKR	OPT INST 10A	PD060 PD063 PD065 PD066 PD068	BIG POWER FOR OPT GA'S
14	PD14A	X	X	250 BRKR	RWDI NOC 10A	PD069	
15	PD15B	X	X	250 BRKR	UTILITY LT 15A	PD081 PD084	
16	PD16B	X		250 MINIFUSE	INST CLUSTER 10A	PD043 PD044 PD047 PD048	
17	PD171	X		250 BRKR	IGN 15A	PD060 PD061 PD062	IGN POWER FOR OPTIONS
18	PD18B	X	X	250 BRKR	RH WINDOW 15A	PD062	
19	PD19A	X	X	250 BRKR	WINDSHIELD FIN 10A	PD064	
20	PD20B	X	X	250 BRKR	ROAD LIGHT 30A	PD067 PD068 PD064	
21	PD21A	X	X	250 BRKR	OB ACC 10A	PD067 PD068	
22	PD22B	X	X	250 BRKR	ORL 10A	PD062	
23	PD23A	X	X	250 BRKR	SPOTLIGHT 15A	PD062	
24	PD24B	X	X	250 BRKR	TRLR ABS 30A	PD062	
25	PD25B	X	X	250 BRKR	LH WINDOW 15A	PD062	
26	PD261	X		250 BRKR	INST CLUSTER 10A	PD041 PD042	
27	PD27A	X	X	250 BRKR	OPT ACC SWA	PD063 PD068 PD069	NOC POWER FOR OPTIONS
28	PD28B	X		250 BRKR	LH HELT 10A	PD061	
29	PD29B	X		250 BRKR	RH HELT 15A	PD064	
30	PD30R	X		NK3RD RELAY	PANEL LT	SEE POSITION 32	
31	PD31R	X		NK3RD RELAY	LH HELT		
32	PD32R	X		NK3RD RELAY	RH HELT		
33	PD33R	X		NK3RD RELAY	TRACTOR TAILSWPR	SEE POSITION 38	
34	PD34R	X	X	NK3RD RELAY	ROAD LIGHT	SEE POSITION 30	
35	PD35R	X		NK3RD RELAY	VIPER HI		
36	PD36R	X		NK3RD RELAY	VIPER LO		
37	PD37A	X	X	250 MINIFUSE	HURRER 15A	PD042 PD043	
38	PD38B	X		250 BRKR	IGN SW 10A	PD046	
39	PD39B	X		250 BRKR	TRACTOR TACL 15A	PD063 PD062	
40	PD40B	X		250 BRKR	STOP LT 15A	PD046	
41	PD41B	X		250 MINIFUSE	CLGR 10A	PD047 PD048	
42	PD421	X	X	250 MINIFUSE	250 BCM 10A	PD041	
43	PD43B	X		250 BRKR	BONE LT 15A	PD042 PD043	
44	PD44B	X	X	250 BRKR	OPT SW 1 15A	PD042 PD043	
45	PD45A	X		250 BRKR	ACC 15A	PD042 PD043	
46	PD46B	X	X	250 BRKR	PWR SEAT 30A	PD042	
47	PD47B	X	X	250 BRKR	OPT SW 2 15A	PD047 PD048	

POSITION	ADDRESS	STD	OPT	COMPONENT	PDM LABELING	PDM PIN-OUTS	NOTES
48	PD481	X		250 BRKR	BACK-UP LT 10A	PD046	
49	PD49A	X		250 BRKR	VIPER 15A		
50	PD501		X	250 MINIFUSE	AIR DRYER 15A	PD046	
51	PD511		X	250 BRKR	OPT 10A 30A	PD042 PD043	IGN POWER FOR OPTIONS
52	PD52B	X		250 BRKR	HEM 15A	PD046	
53	PD53B	X	X	NAK BRKR	TRAILER TACL 30A	PD042	
54	PD54B	X	X	NAK BRKR	TRAILER WPR 30A	PD042	
55	PD55B	X		NAK FUSE	NAK 10A	PD042 PD043	
56	PD56R	X		NKRC RELAY	HMC		
57	PD57R	X		NKRC RELAY	TRAILER TACL		
58	PD58R	X		NKRC RELAY	TRAILER WPR		
59	PD59R	X		NKRC RELAY	TRAILER WPR		
60	PD600	X		RELAY/BRKR	NEW	NEW	ADD-IN OPTIONAL POSITIONS
60X	PD60X	X		RELAY/BRKR	NEW	NEW	
61	PD610	X		RELAY/BRKR	NEW	NEW	
61X	PD61X	X		RELAY/BRKR	NEW	NEW	
62	PD620	X		RELAY/BRKR	NEW	NEW	
62X	PD62X	X		RELAY/BRKR	NEW	NEW	
63	PD630	X		RELAY/BRKR	NEW	NEW	
63X	PD63X	X		RELAY/BRKR	NEW	NEW	
64	PD640	X		RELAY/BRKR	NEW	NEW	
64X	PD64X	X		RELAY/BRKR	NEW	NEW	



PDM TOP VIEW



PDM BOTTOM VIEW (R/H END)

- L THE 6-POSITION COMPONENT ADDRESSES SPECIFIED ON THIS DIAGRAM ARE DERIVED AS FOLLOWS:
- THE FIRST TWO ALPHA CHARACTERS IDENTIFY THIS PDM.
  - THE THIRD AND FOURTH NUMERIC POSITIONS RELATE BACK TO THE COMPONENT LOCATIONS NOTED ON PDM DETAIL.
  - THE LAST ALPHA CHARACTER IDENTIFIES PDM COMPONENTS AS FOLLOWS:
    - \*A\* FOR ACCESSORY BUSS CIR BRKR POSITION
    - \*B\* FOR BATTERY BUSS CIR BRKR POSITION.
    - \*F\* FOR FLASHER POSITION
    - \*L\* FOR IGNITION BUSS CIR BRKR POSITION
    - \*R\* FOR RELAY POSITION.
    - \*S\* FOR ISOLATED BUSS CIR BRKR POSITION
    - \*O\* FOR OPTION BLOCK
    - \*X\* FOR ADDITIONAL OPTION IN BLOCKS.

- SEE NDD 285 PDM SCHEMATIC.
- THE PINOUT ADDRESS CONSISTS OF 4 OR 5 CHARACTERS
- THE FIRST TWO ALPHA CHARACTERS IDENTIFY THIS PDM ("PD\*").
  - THE THIRD CHARACTER CORRESPONDS WITH THE CONNECTOR ALPHA IDENTIFIER AS SHOWN ON PDM A THRU N
  - THE 4TH & 5TH CHARACTERS CORRESPOND WITH THE SPECIFIC PIN OUT POSITION AS SHOWN ON EACH CONNECTOR

**FREIGHTLINER, LLC**

PDM COMPONENT ADDRESS DIAGRAM  
285R2 FLX/LHD - CIR BRKR OPTION

006-40789