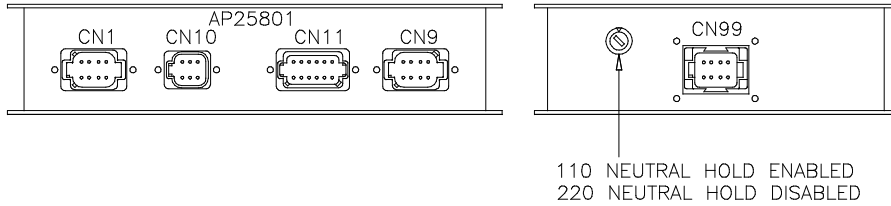


AP25998
CENTRAL CONTROL MODULE



AP25801 CN1 (BLACK)

PIN	DESCRIPTION
1	WHT(W7696) SYSTEM WAKE UP
2	N/C
3	RED(W6800) SW BATT
4	GRN(W6230) GND
5	CAN SHIELD
6	RED(W6110) IGNITION
7	GRN CAN LOW
8	YEL CAN HI

AP25801 CN10 (GRAY)

PIN	DESCRIPTION
1	WHT(W7599) SWITCH LIGHT CONTROL
2	WHT(W6100) RESET OUT
3	WHT(W7550) RESET IN
4	WHT(W6121) WARNING LIGHT SUPPLY
5	WHT(W6230) SWITCH LIGHT SUPPLY
6	WHT(W7699) WARNING LIGHT CONTROL

AP25801 CN11 (GRAY)

PIN	DESCRIPTION
1	RED(W6110) IGNITION
2	N/C
3	N/C
4	N/C
5	RED(W6120) ACCESSORY
6	RED(W6100) HOUSE BATTERY
7	GRN(W6230) GROUND
8	WHT(W9961) NEUTRAL HOLD
9	WHT(W9955) NEUTRAL HOLD
10	N/C
11	WHT(W9000) PARK BRAKE SWITCH
12	RED(W6101) ENGINE BATTERY

AP25801 CN9 (GREEN)

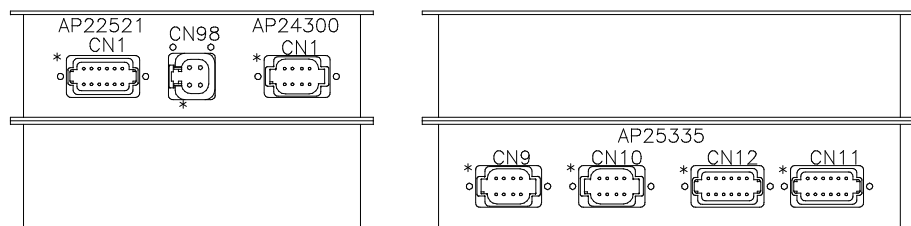
PIN	DESCRIPTION
1	BLK(W8500) MASTER RELAY CNTRL
2	N/C
3	N/C
4	N/C
5	BLK(W9900) SPEED SWITCH
6	N/C
7	N/C
8	N/C

AP25801 CN99 (GRAY)

PIN	DESCRIPTION
1	AP22693 RED
2	AP22693 GRN
3	AP22693 BLK
4	AP22693 YLW
5	AP22693 WHT
6	N/C
7	N/C
8	N/C

		HWH		I-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760	
		SCALE 1:3	DATE 03MAR05	DRAWN BY .	
		SYSTEM SCHEMATIC ELEC			
NO.	DATE	REVISION			
THE INFORMATION DISCLOSED ON THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED OR USED IN ANY MANNER WHICH WILL BE DETRIMENTAL TO THE HWH CORPORATION				DRAWING NUMBER MP88707 A/L	

AP24299
FRONT AIR MODULE



* DESIGNATES PIN 1 OF CONNECTORS

AP22521 CN1 (BROWN)

PIN	Color	Function
1	N/C	
2	BLK(W1500)	LEFT FRONT RAISE
3	BLK(W1600)	LEFT FRONT LOWER
4	BLK(W2500)	RIGHT FRONT RAISE
5	BLK(W2600)	RIGHT FRONT LOWER
6	BLK(W9700)	COMPRESSOR
7	N/C	
8	BLK(W1700)	TRAVEL
9	N/C	
10	N/C	
11	WHT(W6254)	GROUND
12	N/C	

CN98 (GRAY)

PIN	Color	Function
1	RED(W6800)	SW BATT
2	RED(W6800)	SW BATT
3	GRN(W6230)	GND
4	GRN(W6230)	GND

AP24300 CN1 (BLACK)

PIN	Color	Function
1	N/C	
2	N/C	
3	RED(W6800)	SW BATTERY
4	GRN(W6230)	GROUND
5	CAN SHIELD	
6	N/C	
7	GRN CAN LOW	
8	YEL CAN HI	

AP25335 CN9 (BLACK)

PIN	Color	Function
1	WHT(W7696)	SYSTEM WAKE UP
2	N/C	
3	RED(W6800)	SW BATTERY
4	GRN(W6230)	GROUND
5	CAN SHIELD	
6	RED(W6110)	IGNITION
7	GRN CAN LOW	
8	YEL CAN HI	

AP25335 CN10 (GRAY)

PIN	Color	Function
1	N/C	
2	N/C	
3	N/C	
4	N/C	
5	N/C	
6	N/C	

AP25335 CN12 (GRAY)

PIN	Color	Function
1	N/C	
2	N/C	
3	N/C	
4	N/C	
5	N/C	
6	WHT(W6236)	GROUND
7	BLK(W6800)	TAG DUMP SUPPLY
8	N/C	
9	N/C	
10	BLK(W2210)	RIGHT FRONT PSW
11	BLK(W7521)	TAG DUMP CONTROL
12	N/C	

AP25335 CN11 (GREEN)

PIN	Color	Function
1	N/C	
2	N/C	
3	N/C	
4	N/C	
5	N/C	
6	WHT(W6235)	GROUND
7	N/C	
8	N/C	
9	N/C	
10	BLK(W1210)	LEFT FRONT PSW
11	N/C	
12	N/C	

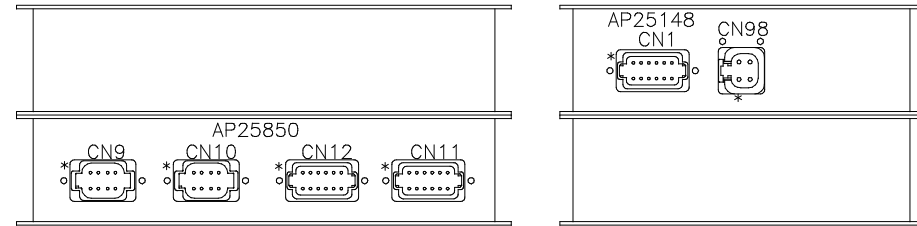
AP25150
REAR AIR MODULE

AP25148 CN1 (BLACK)

PIN	Color	Function
1	BLK(W3800)	TAG LIFT
2	BLK(W4500)	LEFT REAR RAISE
3	BLK(W4600)	LEFT REAR LOWER
4	BLK(W3500)	RIGHT REAR RAISE
5	BLK(W3600)	RIGHT REAR LOWER
6	N/C	
7	BLK(W3701)	TAG TRAVEL
8	BLK(W3700)	TRAVEL
9	BLK(W3601)	TAG RIGHT REAR LOWER
10	BLK(W4601)	TAG LEFT REAR LOWER
11	WHT(W6258)	GROUND
12	N/C	

CN98 (GRAY)

PIN	Color	Function
1	RED(W6800)	SW BATT
2	RED(W6800)	SW BATT
3	GRN(W6230)	GND
4	GRN(W6230)	GND



* DESIGNATES PIN 1 OF CONNECTORS

AP25850 CN9 (BLACK)

PIN	Color	Function
1	WHT(W7696)	SYSTEM WAKE UP
2	N/C	
3	RED(W6800)	SW. BATTERY
4	GRN(W6230)	GROUND
5	CAN SHIELD	
6	RED(W6110)	IGNITION
7	GRN CAN LOW	
8	YEL CAN HI	

AP25850 CN10 (GRAY)

PIN	Function
1	N/C
2	N/C
3	N/C
4	N/C
5	N/C
6	N/C

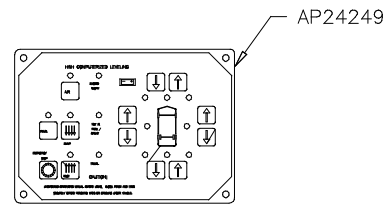
AP25850 CN12 (GRAY)

PIN	Function
1	N/C
2	N/C
3	BLK(W3215) SYSTEM PRESS SW.
4	N/C
5	N/C
6	WHT(W6235) GROUND
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C

AP25850 CN11 (GREEN)

PIN	Function
1	N/C
2	N/C
3	N/C
4	N/C
5	N/C
6	N/C
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	N/C

NOTE: 120 OHM TERMINATING RESISTOR ON TOUCH PANEL. MEASURE RESISTANCE VALUE ACROSS PINS 7 AND 8 ON THE BLACK 8 PIN CAN CONNECTOR. RESISTANCE WILL READ THE TWO TERMINATING RESISTORS IN PARALLEL.

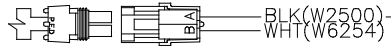


5 1

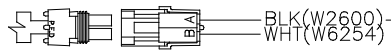
- PIN
- 1 YELLOW CAN HI
 - 2 GREEN CAN LOW
 - 3 CAN SHIELD
 - 4 GRN(W6230) GROUND
 - 5 RED(W6800) SW. BATTERY

OEM #
62463

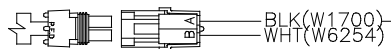
RIGHT FRONT RAISE



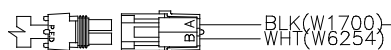
RIGHT FRONT LOWER



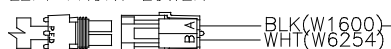
RIGHT FRONT TRAVEL



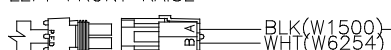
LEFT FRONT TRAVEL



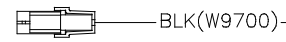
LEFT FRONT LOWER



LEFT FRONT RAISE



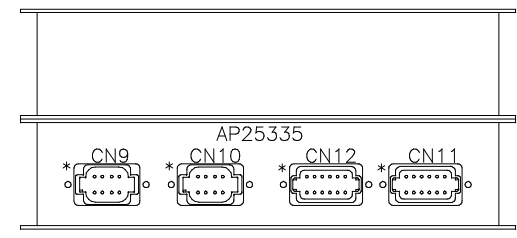
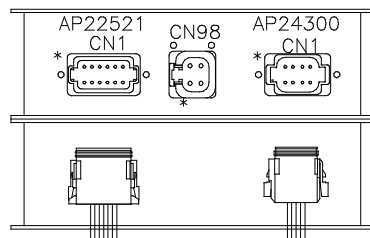
COMPRESSOR



PART OF AP25149

OEM #
62463

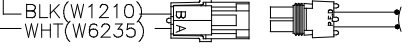
AP24299
FRONT AIR MODULE



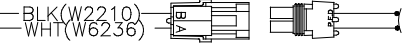
NO CONNECTIONS

PART OF AP25149

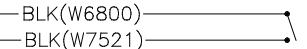
LEFT FRONT PRESSURE SWITCH



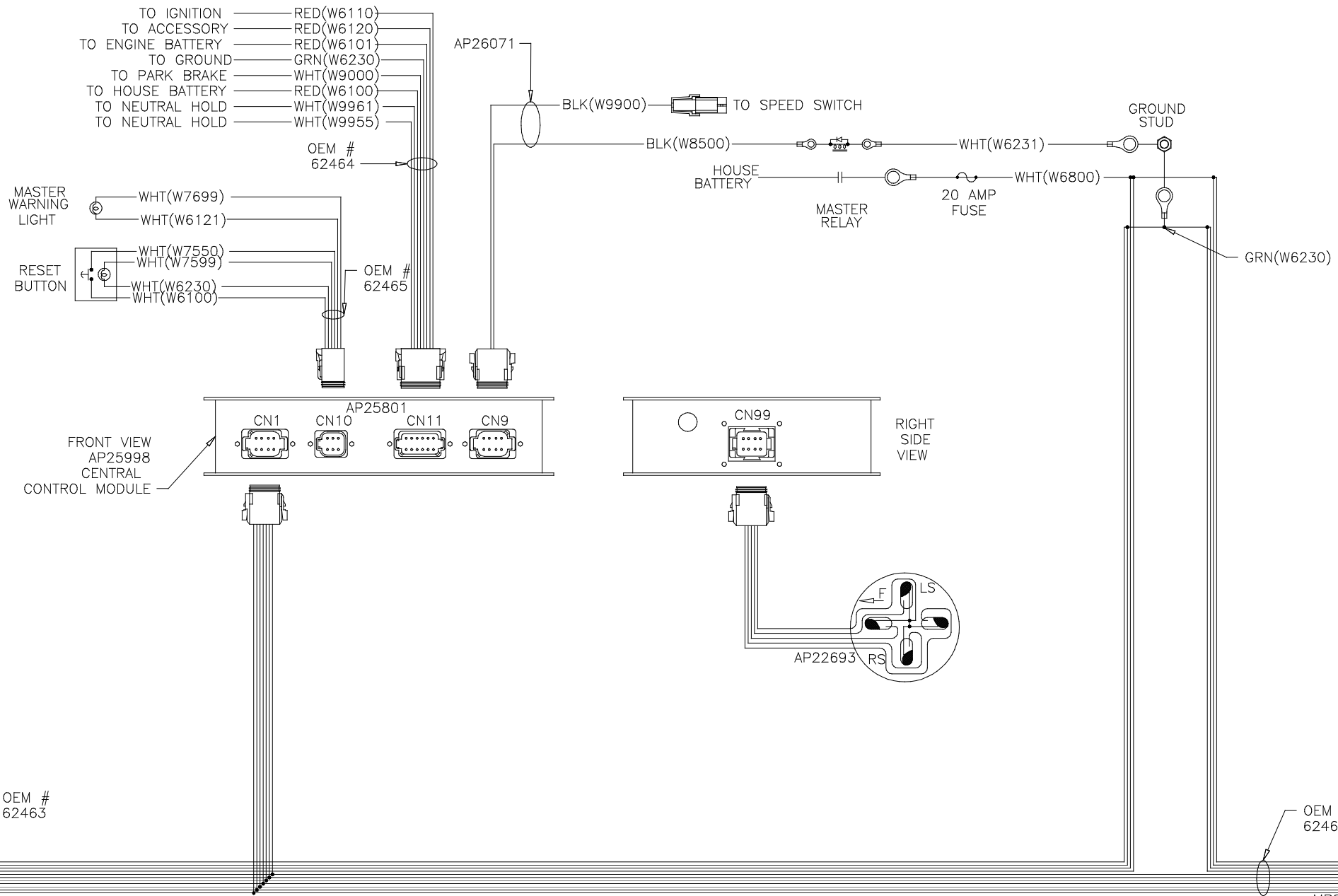
RIGHT FRONT PRESSURE SWITCH

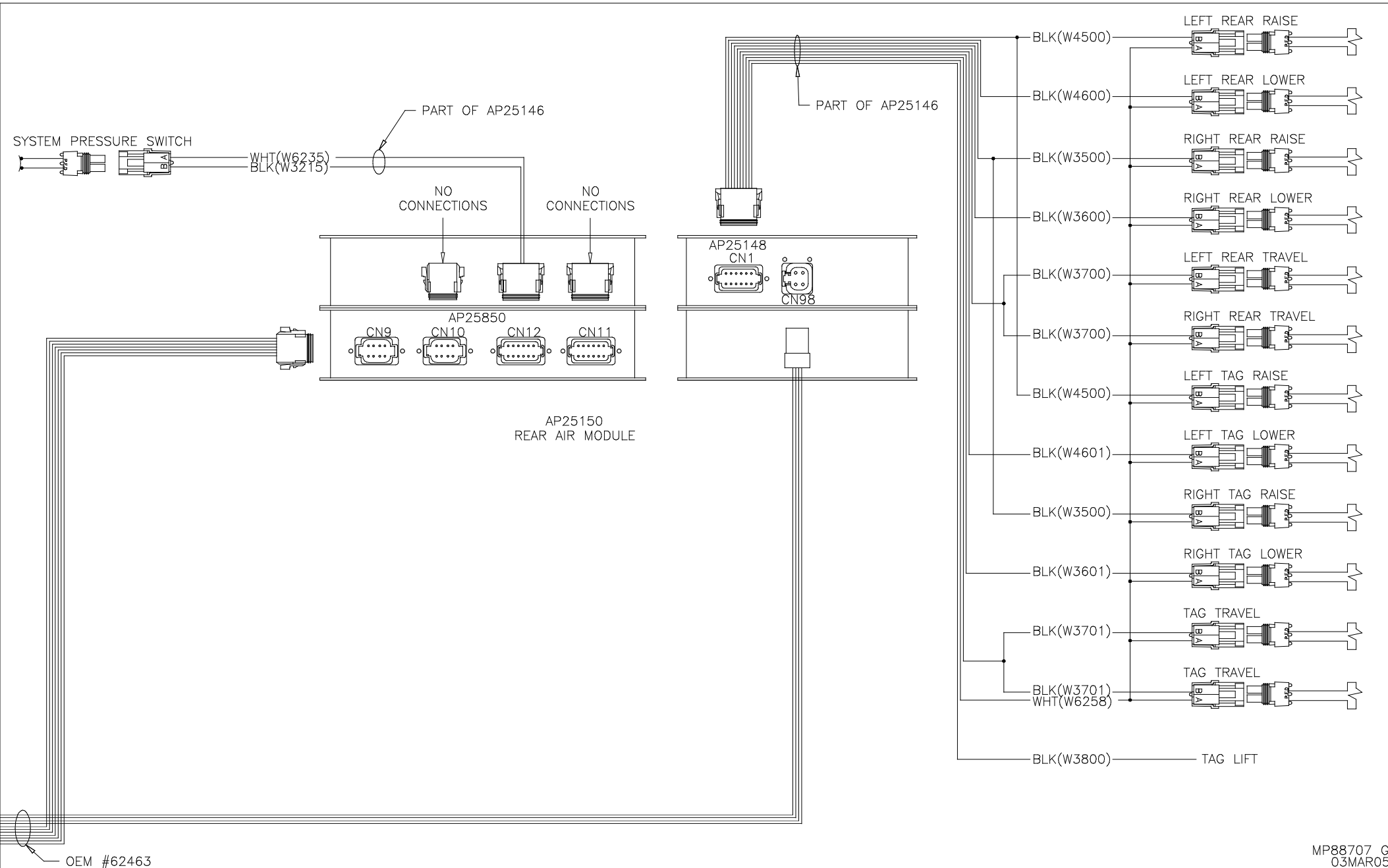


TAG DUMP SWITCH



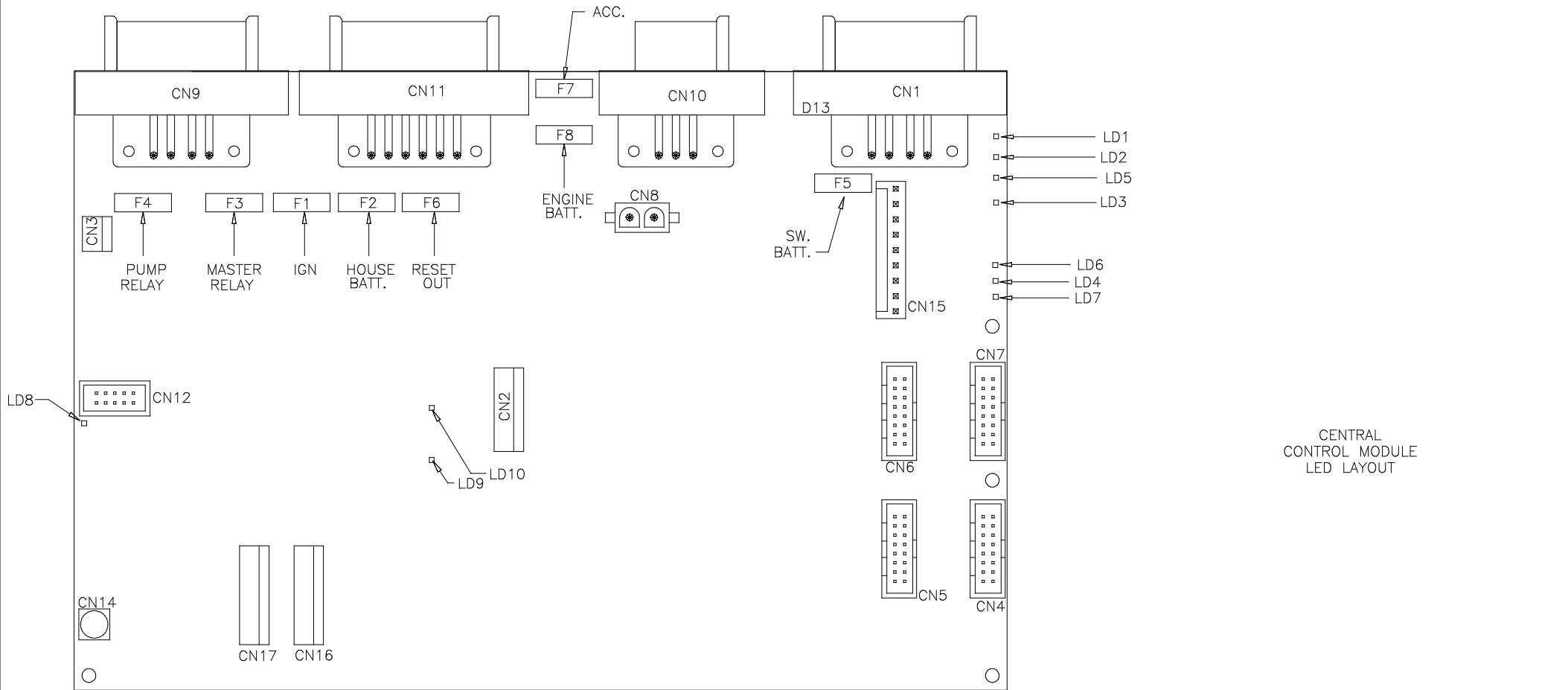
OEM #
62463



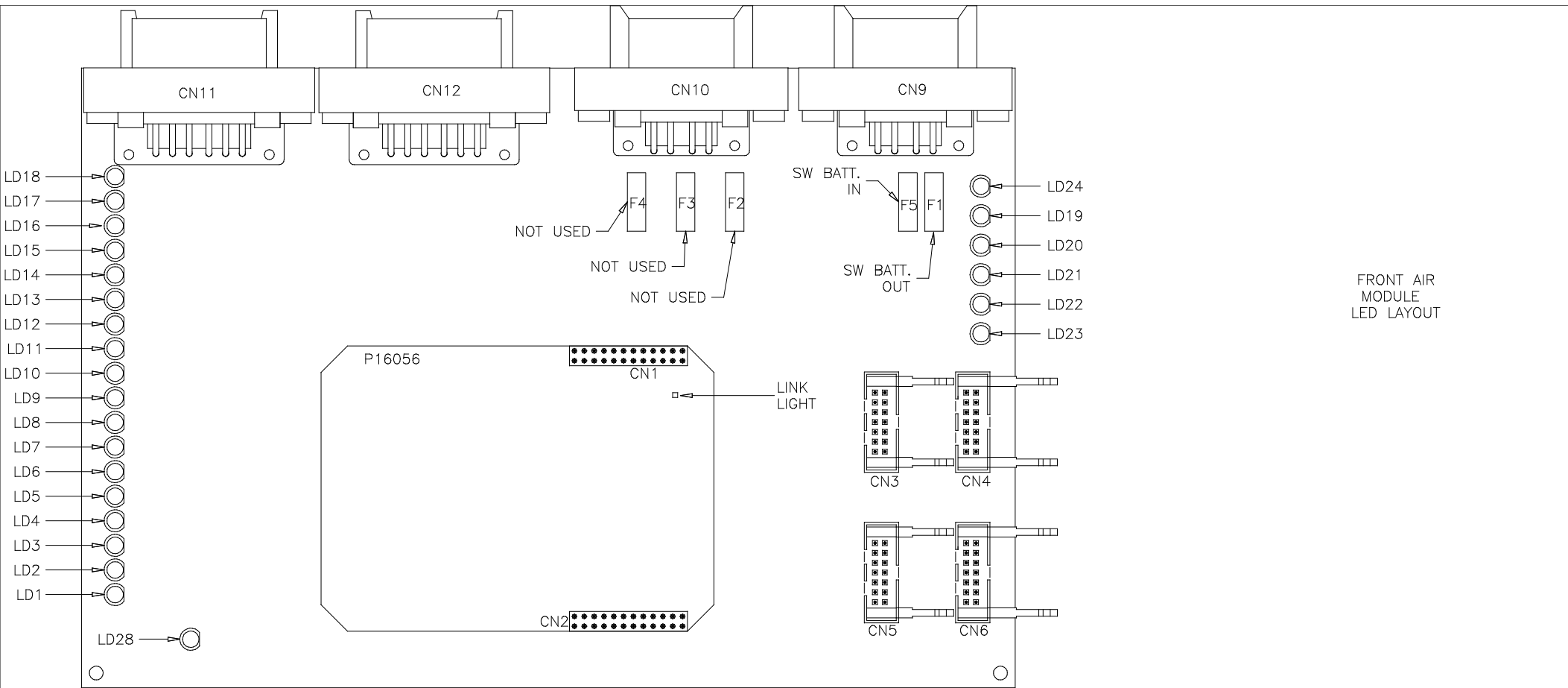


OEM #62463

MP88707 G
03MAR05



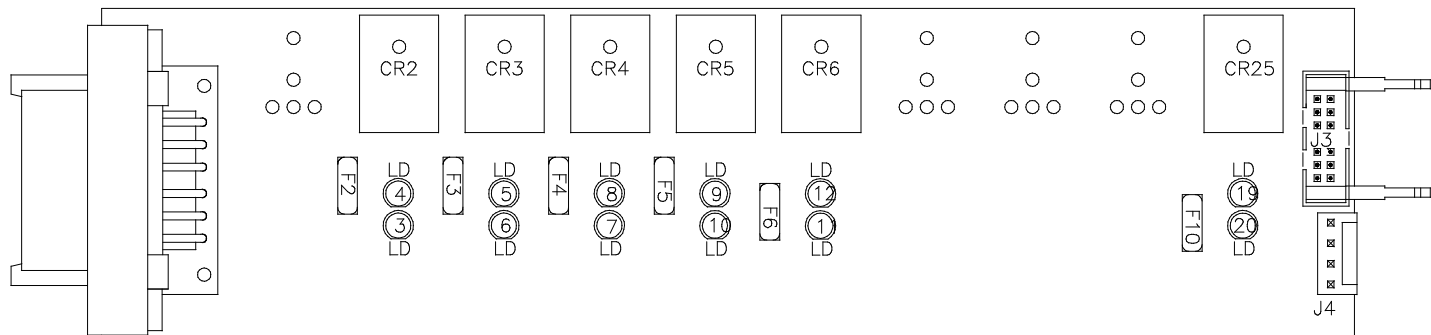
LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN 9 PIN 1	RED	MASTER RELAY
LED 2	NOT USED	RED	NOT USED
LED 3	CN 1 PIN 3	RED	SW 12V
LED 4	CN 11 PIN 12	RED	ENGINE BATT
LED 5	CN 9 PIN 5	RED	SPEED SWITCH
LED 6	NOT USED	NOT USED	NOT USED
LED 7	CN 1 PIN 7 & 8	RED	LINK LIGHT
LED 8	CN 11 PIN 8 & 9	RED	NEUTRAL HOLD
LED 9	NOT USED	NOT USED	NOT USED
LED 10	NOT USED	RED	NOT USED



FRONT AIR
MODULE
LED LAYOUT

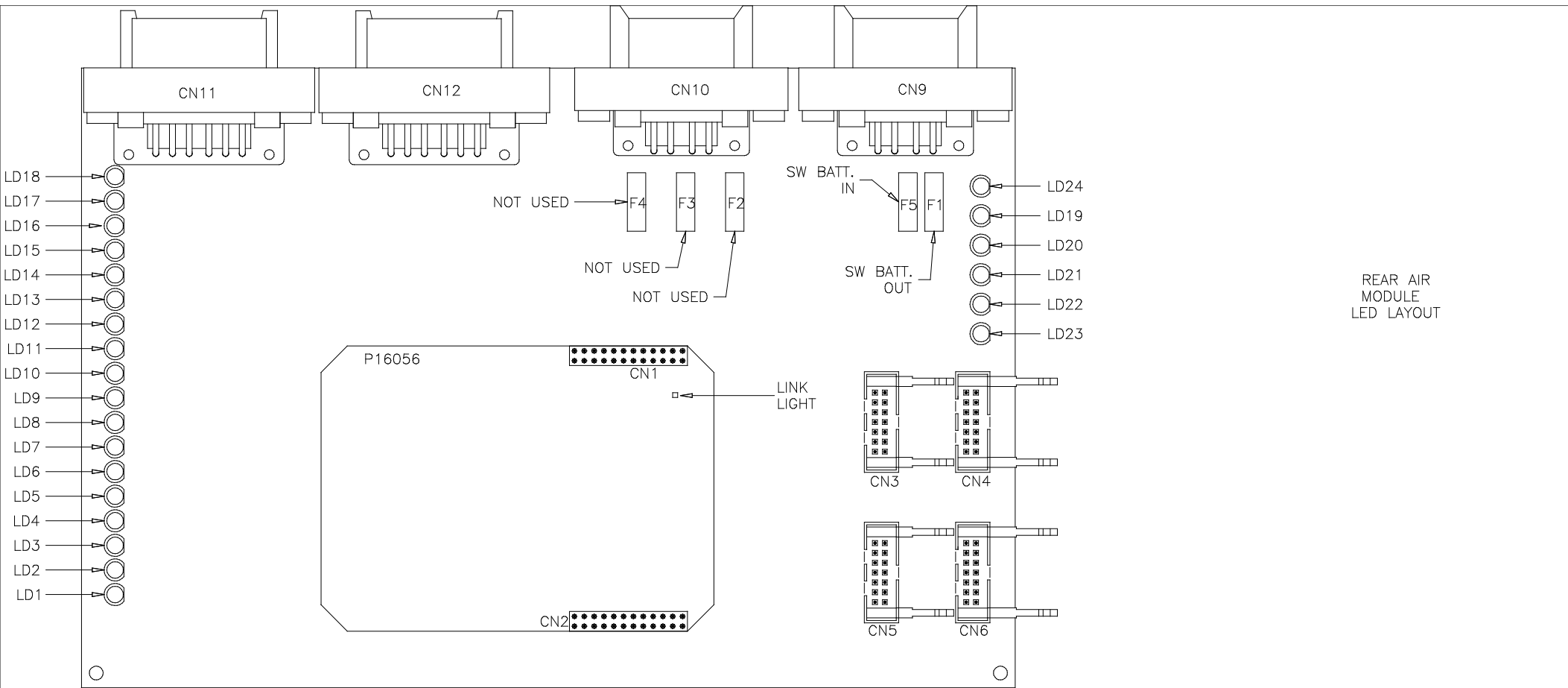
LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	NOT USED	RED	NOT USED
LED 2	NOT USED	RED	NOT USED
LED 3	NOT USED	GREEN	NOT USED
LED 4	NOT USED	YELLOW	NOT USED
LED 5	NOT USED	YELLOW	NOT USED
LED 6	NOT USED	YELLOW	NOT USED
LED 7	NOT USED	GREEN	NOT USED
LED 8	NOT USED	GREEN	NOT USED
LED 9	CN 11 PIN 10	GREEN	LEFT FRONT PSW
LED 10	CN 12 PIN 10	GREEN	RIGHT FRONT PSW
LED 11	NOT USED	YELLOW	NOT USED
LED 12	NOT USED	YELLOW	NOT USED
LED 13	NOT USED	YELLOW	NOT USED
LED 14	NOT USED	YELLOW	NOT USED

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 15	NOT USED	GREEN	NOT USED
LED 16	NOT USED	GREEN	NOT USED
LED 17	NOT USED	GREEN	NOT USED
LED 18	NOT USED	GREEN	NOT USED
LED 19	NOT USED	RED	SW BATT OUT
LED 20	NOT USED	RED	SW BATT IN
LED 21	NOT USED	RED	NOT USED
LED 22	NOT USED	RED	NOT USED
LED 23	NOT USED	RED	NOT USED
LED 24	NOT USED	RED	NOT USED
LED 25	---	---	---
LED 26	---	---	---
LED 27	---	---	---
LED 28	CN 12 PIN 11	RED	TAG DUMP SWITCH



FRONT AIR
OUTPUT
LED LAYOUT

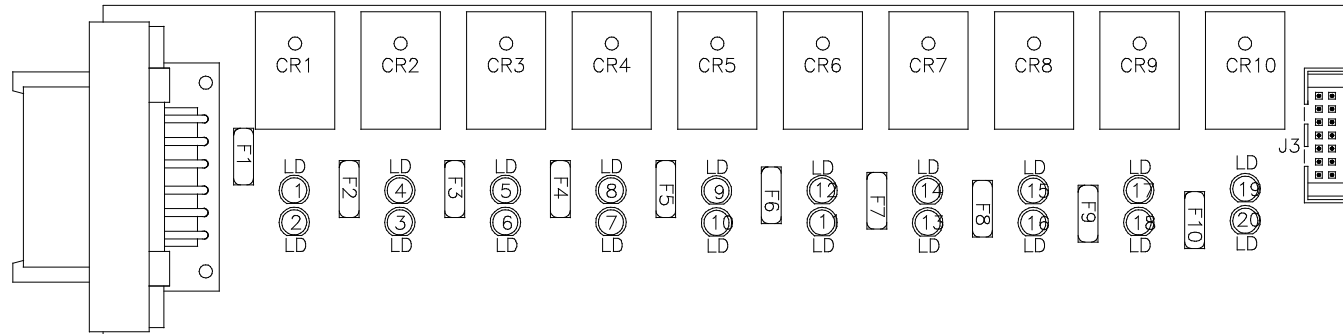
LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	---	---	---	---	---	---
LED2	---	---	---	---	---	---
LED3	RED	---	FUSE 2	PIN 2	CR2	LEFT FRONT RAISE (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	LEFT FRONT RAISE (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	LEFT FRONT LOWER (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	LEFT FRONT LOWER (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	RIGHT FRONT RAISE (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	RIGHT FRONT RAISE (COIL)
LED9	YELLOW	PIN 9	---	---	CR5	RIGHT FRONT LOWER (COIL)
LED10	RED	---	FUSE 5	PIN 5	CR5	RIGHT FRONT LOWER (CONTACT)
LED11	RED	---	FUSE 6	PIN 6	CR6	COMPRESSOR (CONTACT)
LED12	YELLOW	PIN 8	---	---	CR6	COMPRESSOR (COIL)
LED13	---	---	---	---	---	---
LED14	---	---	---	---	---	---
LED15	---	---	---	---	---	---
LED16	---	---	---	---	---	---
LED17	---	---	---	---	---	---
LED18	---	---	---	---	---	---
LED19	YELLOW	PIN 4	---	---	CR25	TRAVEL (COIL)
LED20	RED	---	FUSE 10	PIN 8	CR25	TRAVEL (CONTACT)



REAR AIR
MODULE
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	NOT USED	RED	NOT USED
LED 2	NOT USED	RED	NOT USED
LED 3	NOT USED	GREEN	NOT USED
LED 4	NOT USED	YELLOW	NOT USED
LED 5	NOT USED	YELLOW	NOT USED
LED 6	NOT USED	YELLOW	NOT USED
LED 7	NOT USED	GREEN	NOT USED
LED 8	CN 12 PIN 3	GREEN	SYSTEM PRESS SW
LED 9	NOT USED	GREEN	NOT USED
LED 10	NOT USED	GREEN	NOT USED
LED 11	NOT USED	YELLOW	NOT USED
LED 12	NOT USED	YELLOW	NOT USED
LED 13	NOT USED	YELLOW	NOT USED
LED 14	NOT USED	YELLOW	NOT USED

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 15	NOT USED	GREEN	NOT USED
LED 16	NOT USED	GREEN	NOT USED
LED 17	NOT USED	GREEN	NOT USED
LED 18	NOT USED	GREEN	NOT USED
LED 19	NOT USED	RED	SW BATT OUT
LED 20	NOT USED	RED	SW BATT IN
LED 21	NOT USED	RED	NOT USED
LED 22	NOT USED	RED	NOT USED
LED 23	NOT USED	RED	NOT USED
LED 24	NOT USED	RED	NOT USED
LED 25	---	---	---
LED 26	---	---	---
LED 27	---	---	---
LED 28	---	---	---



REAR AIR
OUTPUT
LED LAYOUT

LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	TAG LIFT (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	TAG LIFT (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	LEFT REAR RAISE (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	LEFT REAR RAISE (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	LEFT REAR LOWER (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	LEFT REAR LOWER (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	RIGHT REAR RAISE (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	RIGHT REAR RAISE (COIL)
LED9	YELLOW	PIN 9	---	---	CR5	RIGHT REAR LOWER (COIL)
LED10	RED	---	FUSE 5	PIN 5	CR5	RIGHT REAR LOWER (CONTACT)
LED11	RED	---	FUSE 6	PIN 6	CR6	NOT USED
LED12	YELLOW	PIN 8	---	---	CR6	NOT USED
LED13	RED	---	FUSE 7	PIN 10	CR7	TAG LEFT REAR LOWER (CONTACT)
LED14	YELLOW	PIN 7	---	---	CR7	TAG LEFT REAR LOWER (COIL)
LED15	YELLOW	PIN 6	---	---	CR8	TAG RIGHT REAR LOWER (COIL)
LED16	RED	---	FUSE 8	PIN 9	CR8	TAG RIGHT REAR LOWER (CONTACT)
LED17	YELLOW	PIN 5	---	---	CR9	TAG TRAVEL (COIL)
LED18	RED	---	FUSE 9	PIN 7	CR9	TAG TRAVEL (CONTACT)
LED19	YELLOW	PIN 4	---	---	CR10	TRAVEL (COIL)
LED20	RED	---	FUSE 10	PIN 8	CR10	TRAVEL (CONTACT)