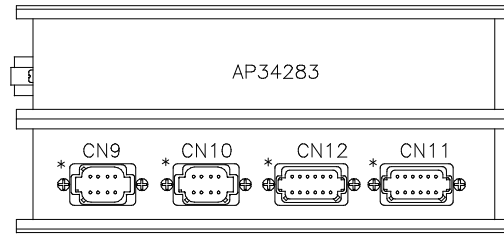
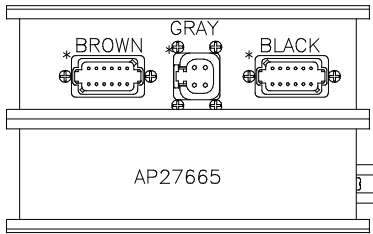


AP34262 FRONT AIR/ROOM 1 AND 4 MODULE



* DESIGNATES PIN 1 OF CONNECTORS

AP31018 (BROWN)
PIN

- 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

AP31018 (GRAY)
PIN

- 1 RED(W6800) SW BATT
- 2 RED(W6800) SW BATT
- 3 GRN(W6230) GND
- 4 GRN(W6230) GND

AP31018 (BLACK)
PIN

- 1 BLK(W5650) VACUUM ROOM 4
- 2 BLK(W5600) AIR SEAL ROOM 4
- 3 BLK(W5651) VACCUM ROOM 1
- 4 BLK(W5601) AIR SEAL ROOM 1
- 5 N/C
- 6 N/C
- 7 N/C
- 8 N/C
- 9 N/C
- 10 N/C
- 11 WHT(W6230) GROUND
- 12 N/C

AP27665 CN9(BLACK)
PIN

- 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

AP27665 CN10(GRAY)
PIN

- 1 BLK(W6806) ROOM SELECT
- 2 WHT(W7510) READY TO OPERATE
- 3 WHT(W7530) PUMP
- 4 WHT(W7501) EXTEND (ROOM 1 AND 4)
- 5 WHT(W7502) RETRACT (ROOM 1 AND 4)
- 6 RED(W6805) SW BATTERY
- 7 WHT(W7696) SYSTEM WAKE UP
- 8 GRN(W6230) GROUND

AP27665 CN12(GRAY)
PIN

- 1 N/C
- 2 BLK(W5701) ROOM 1 OUT
- 3 BLK(W5703) ROOM 1 IN
- 4 N/C
- 5 N/C
- 6 WHT(W6236) GROUND
- 7 BLK(W6800) SW. BATTERY
- 8 BLK(W5651) ROOM 1 VACUUM SENSOR
- 9 N/C
- 10 BLK(W2210) RIGHT FRONT AIR PRESSURE SW.
- 11 BLK(W7521) TAG DUMP
- 12 N/C

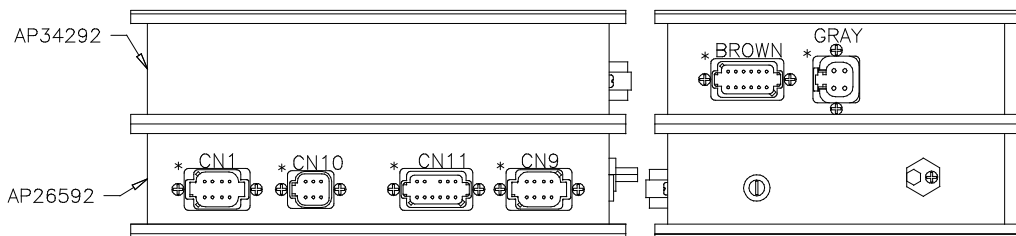
AP27665 CN 11 (GREEN)
PIN

- 1 BLK(W5652) ROOM 4 VACUUM SENSOR
- 2 BLK(W5700) ROOM 4 ROOM OUT
- 3 BLK(W5702) ROOM 4 ROOM IN
- 4 N/C
- 5 N/C
- 6 WHT(W6236) GROUND
- 7 BLK(W6801) SW. BATT
- 8 N/C
- 9 N/C
- 10 BLK(W1210) LEFT FRONT AIR PRESSURE SW.
- 11 N/C
- 12 N/C

		HWH I-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760	
		SCALE 1:3	DATE 08SEP05
		DRAWN BY .	
1 09NOV07 WAS AP27846 NO. DATE REVISION		SYSTEM SCHEMATIC ELEC	
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 MP89531 A/0

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

AP36509
CENTRAL CONTROL
MODULES



110 NEUTRAL HOLD ENABLED
220 NEUTRAL HOLD DISABLED

AP34292 (BROWN)	
PIN	
1	BLK(W5050) CYLINDER EXTEND 1
2	BLK(W5150) CYLINDER RETRACT 1
3	BLK(W5051) CYLINDER EXTEND 2
4	BLK(W5151) CYLINDER RETRACT 2
5	N/C
6	N/C
7	N/C
8	N/C
9	BLK(W5152) CYLINDER RETRACT 4
10	BLK(W5052) CYLINDER EXTEND 4
11	WHT(W6230) GROUND
12	N/C

AP34292 (GRAY)	
PIN	
1	RED(W6800) SW BATT
2	RED(W6800) SW BATT
3	GRN(W6230) GROUND
4	GRN(W6230) GROUND

AP26592 CN1(BLACK)	
PIN	
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

AP26592 CN10(GRAY)	
PIN	
1	BLK(W7599) SWITCH LIGHT CONTROL
2	RED(W6100) RESET OUT
3	BLK(W7550) RESET IN
4	RED(W6121) WARN LIGHT SUPPLY
5	WHT(W6230) SWITCH LIGHT SUPPLY
6	BLK(W7699) WARN LIGHT/BUZZER CONTROL

AP26592 CN11(GRAY)	
PIN	
1	RED(W6110) IGNITION
2	N/C
3	N/C
4	N/C
5	RED(W6120) IGNITION
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) HOUSE BATTERY

AP26592 CN9(GREEN)	
PIN	
1	BLK(W8500) MASTER RELAY CNTRL
2	BLK(W8100) SYSTEM PSW.
3	N/C
4	BLK(W8600) PMP RELAY CNTRL
5	BLK(W9900) SPEED SWITCH
6	BLK(W9901) SW BATT FROM PUMP RELAY
7	N/C
8	N/C

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP89531 B
09NOV07

AP34289 (BROWN)
PIN

1	BLK(W5650)	ROOM 2 VACUUM
2	BLK(W5600)	ROOM 2 AIR SEAL
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	WHT(W6230)	GROUND
12	N/C	

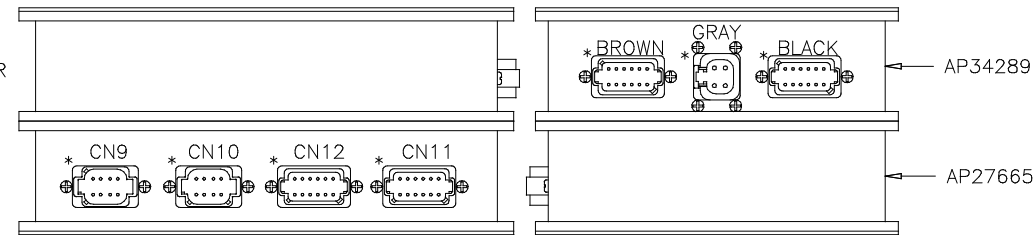
AP34289 (GRAY)
PIN

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

AP34289 (BLACK)
PIN

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 LOWER
10	BLK(W4601)	TAG LEFT LOWER
11	WHT(W6258)	GROUND
12	N/C	

AP34263
REAR AIR/ROOM 2
MODULE



AP27665 CN9(BLACK)
PIN

1	WHT(W7696)	SYSTEM WAKE UP
2	RED(W6121)	IGNITION
3	RED(W6800)	SW BATTERY
4	GRN(W6230)	GROUND
5	CAN SHIELD	
6	RED(W6110)	IGNITION
7	GRN CAN LOW	
8	YEL CAN HI	

AP27665 CN10(GRAY)
PIN

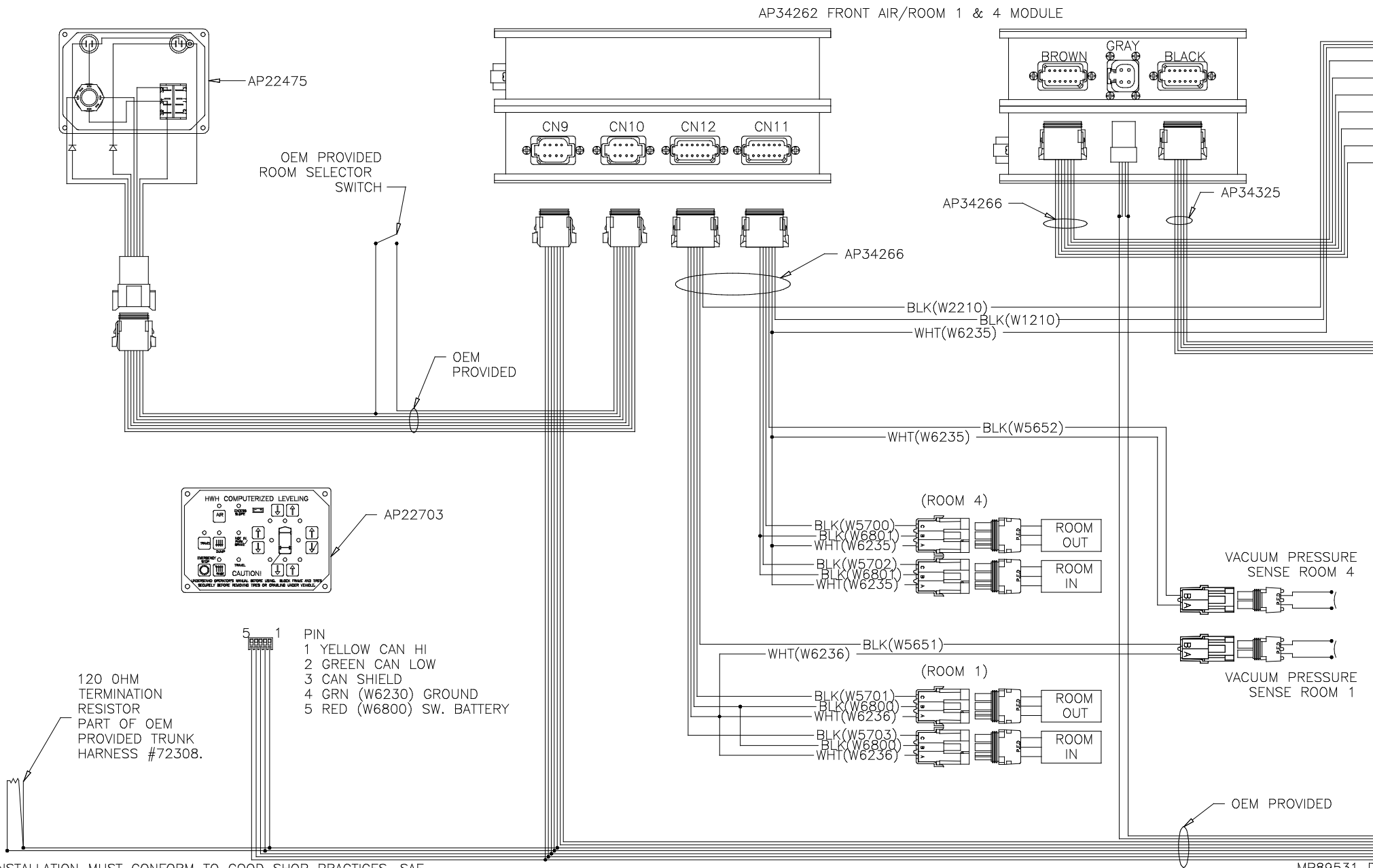
1	N/C	
2	WHT(W7510)	READY TO OPERATE
3	WHT(W7530)	PUMP
4	WHT(W7501)	EXTEND (ROOM 2)
5	WHT(W7502)	RETRACT (ROOM 2)
6	RED(W6805)	SW BATTERY
7	WHT(W7696)	SYSTEM WAKE UP
8	GRN(W6230)	GROUND

AP27665 CN12(GRAY)
PIN

1	BLK(W4211)	TAG LEFT SIDE PRESS. SW.
2	BLK(W5701)	ROOM 2 OUT
3	BLK(W5703)	ROOM 2 IN
4	BLK(W3211)	TAG RIGHT SIDE PRESS. SW.
5	N/C	
6	WHT(W6231)	GROUND
7	RED(W6800)	SW. BATTERY
8	BLK(W5651)	ROOM 2 VACUUM SENSOR
9	BLK(W3215)	SYSTEM PRESS. SW.
10	N/C	
11	N/C	
12	N/C	

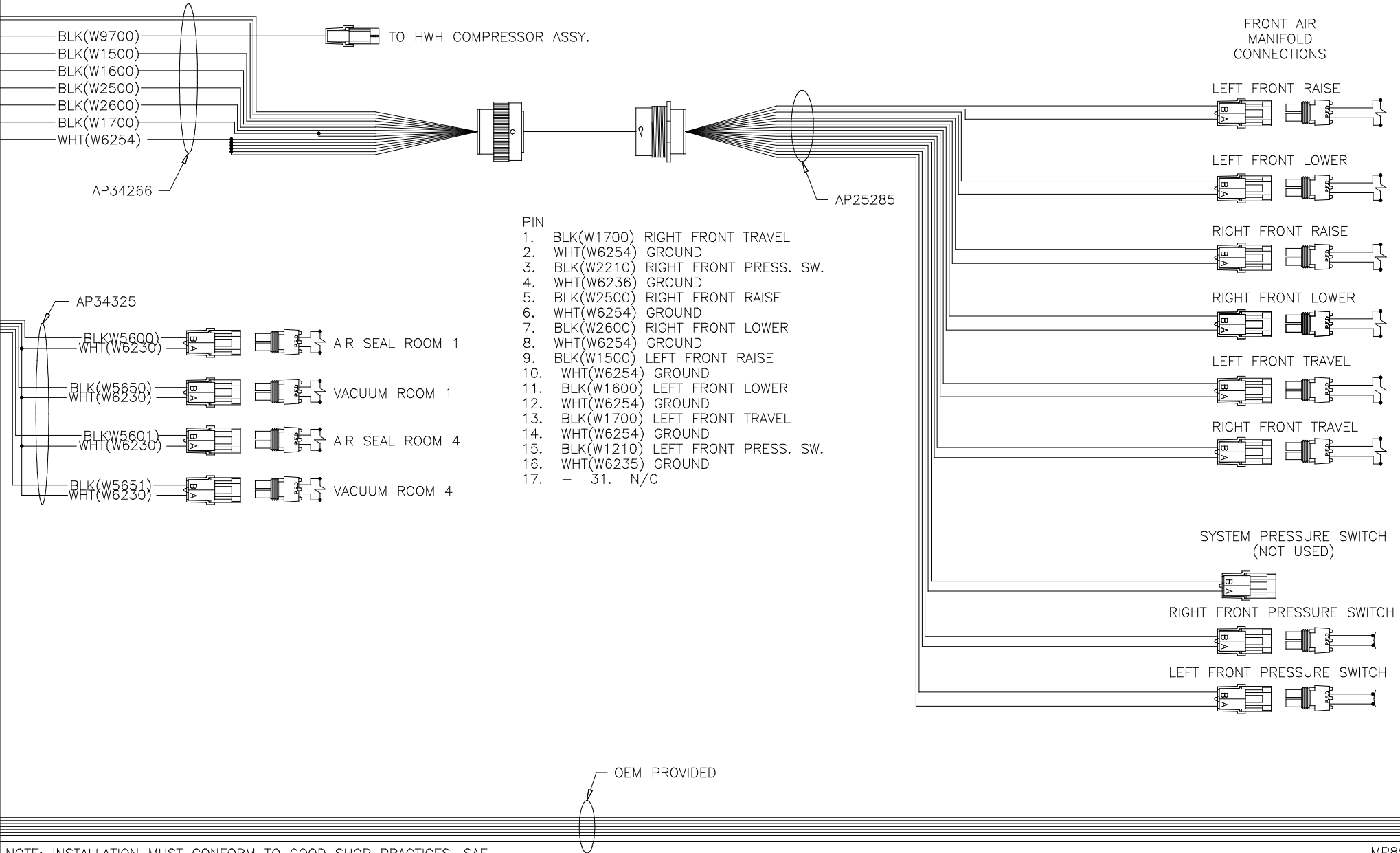
AP27665 CN 11(GREEN)
PIN

1	N/C	
2	N/C	
3	N/C	
4	BLK(W3210)	RIGHT REAR PRESS. SW.
5	N/C	
6	WHT(W6232)	GROUND
7	N/C	
8	BLK(W4210)	LEFT REAR PRESS. SW.
9	N/C	
10	N/C	
11	N/C	
12	N/C	

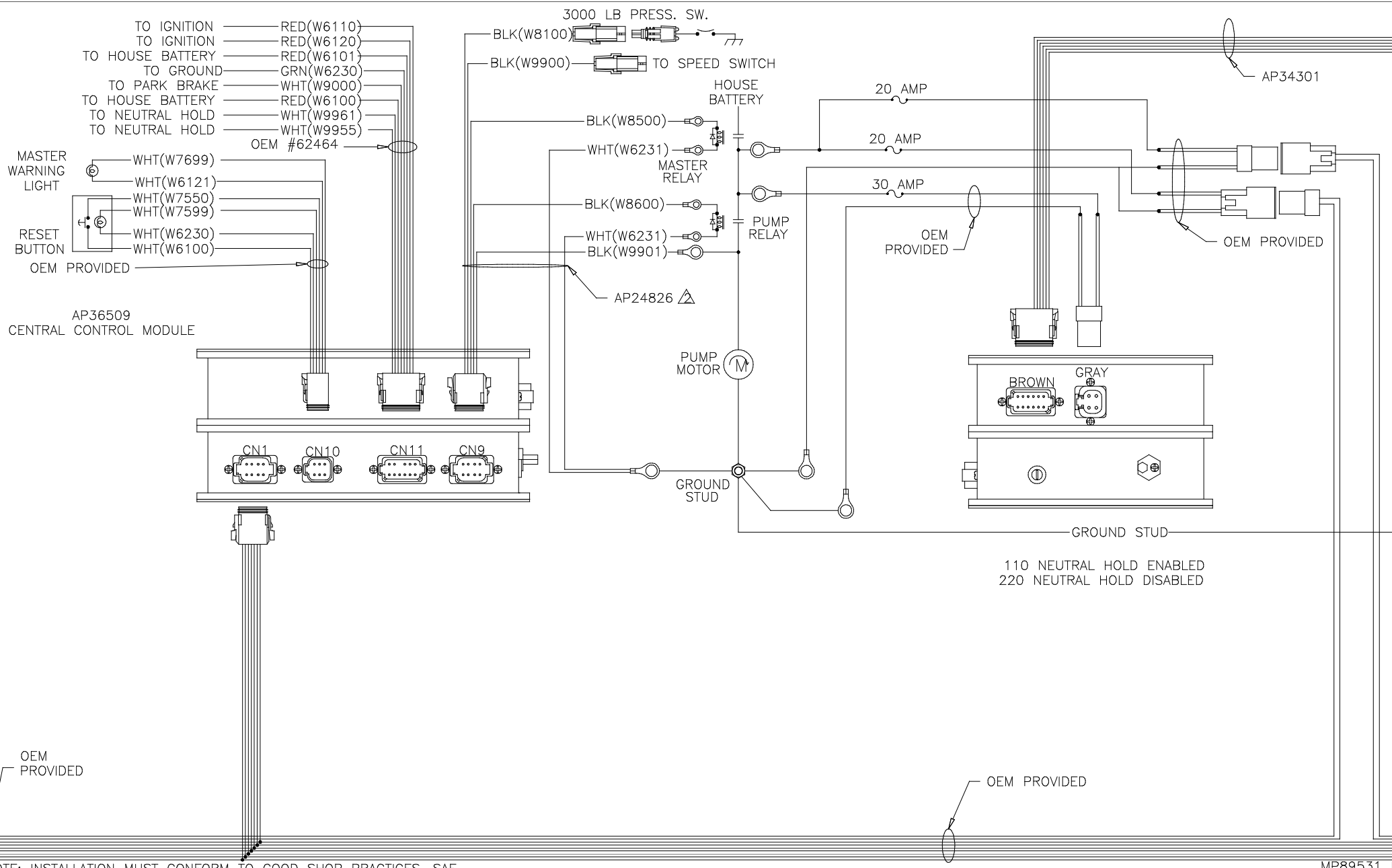


NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

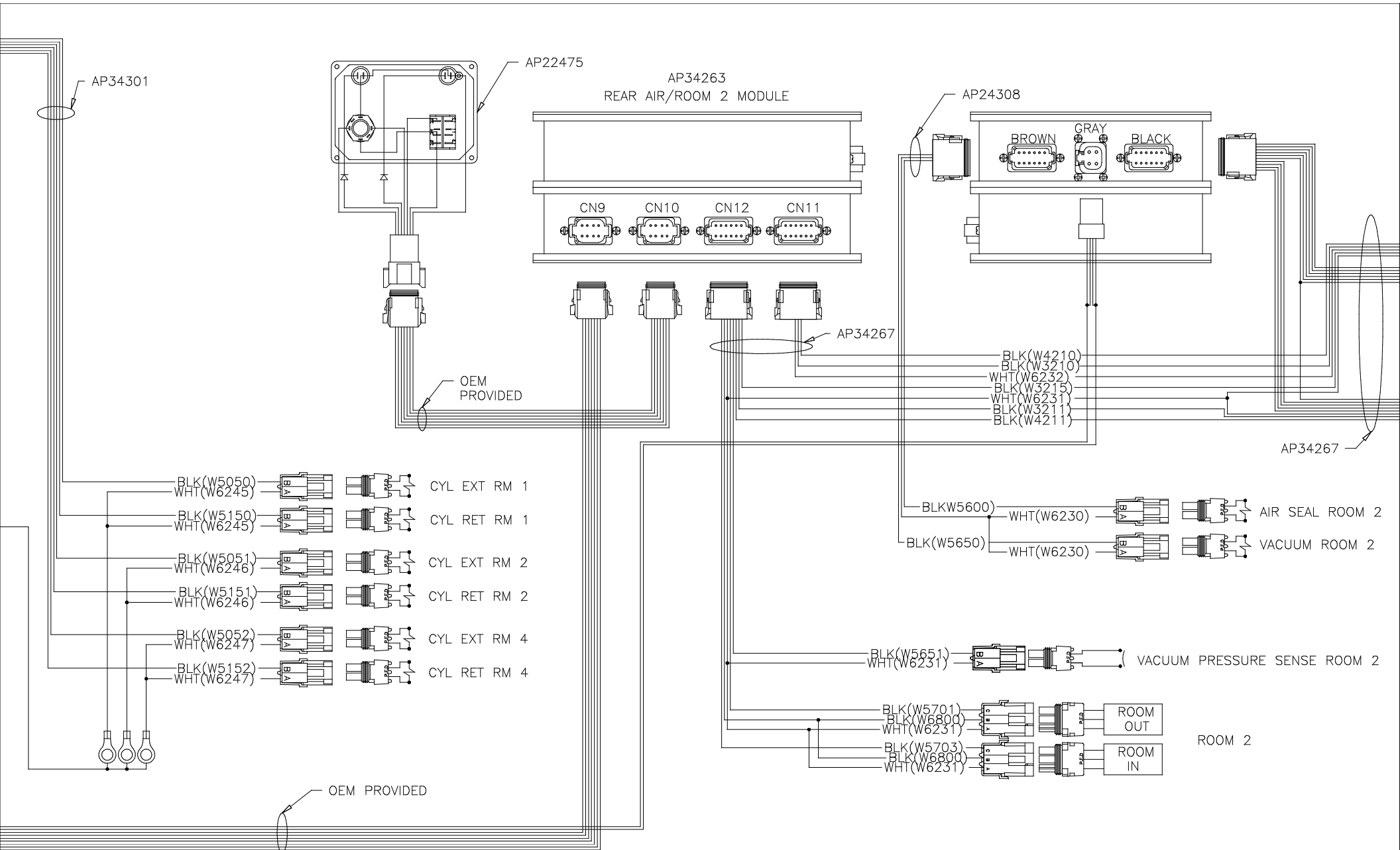
MP89531 D
09NOV07



NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

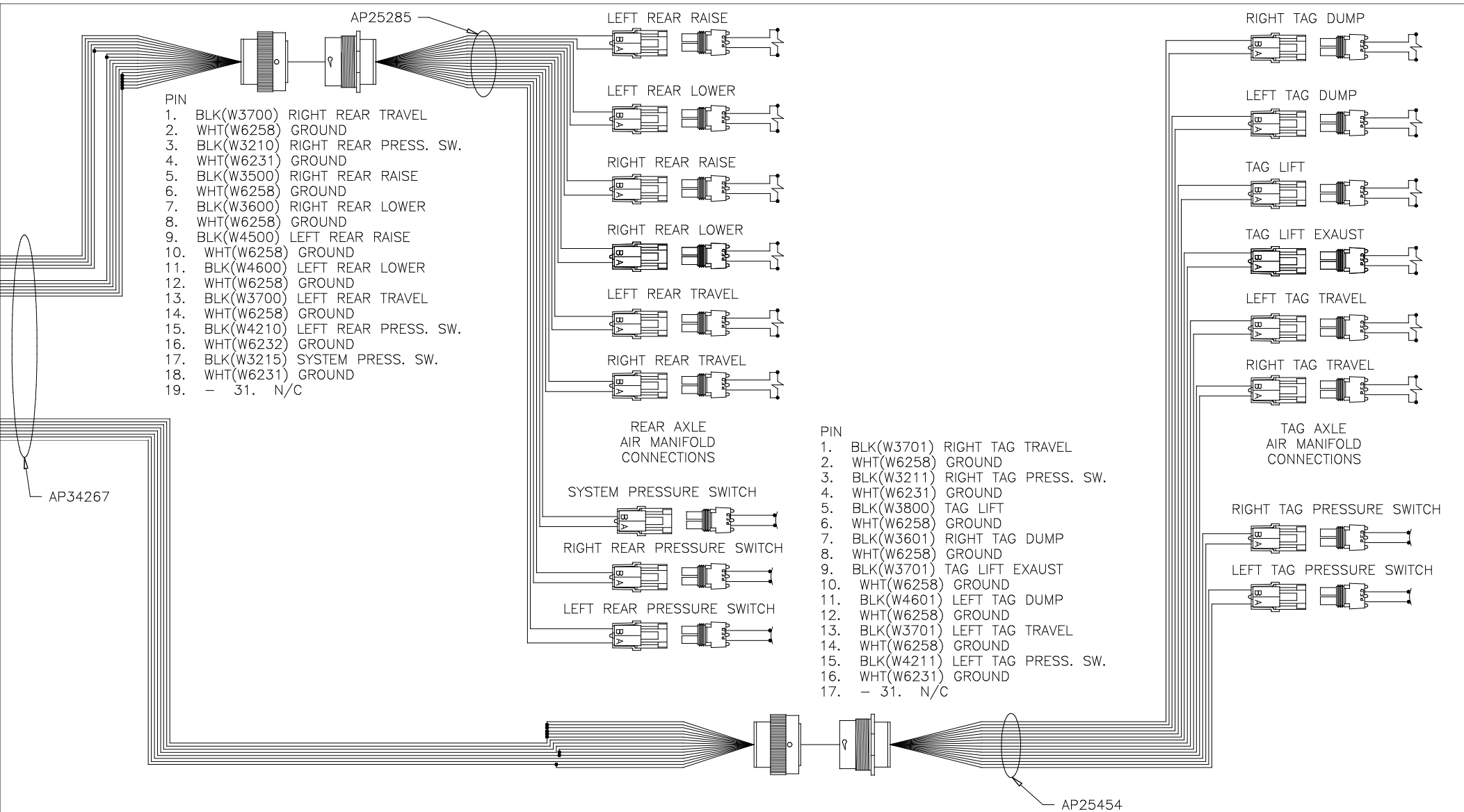


NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



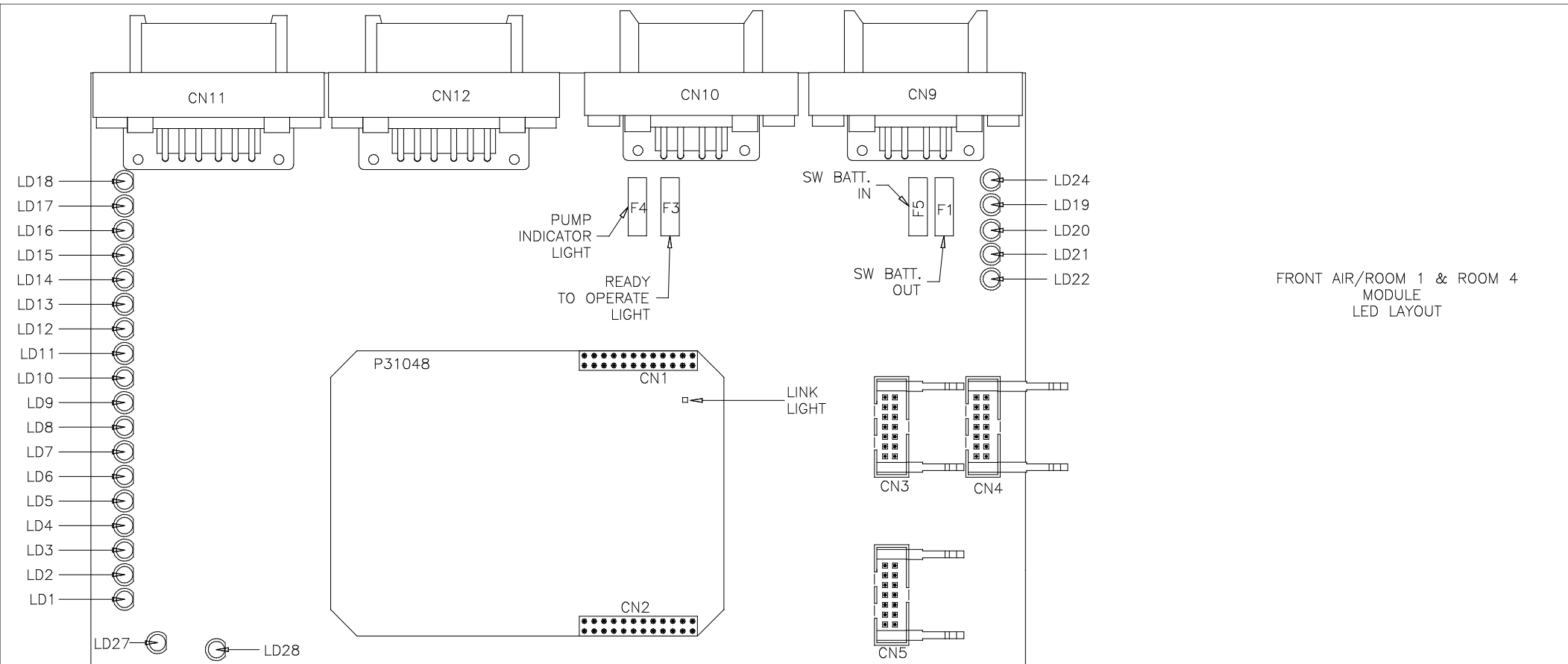
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP89531 G
09NOV07



NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

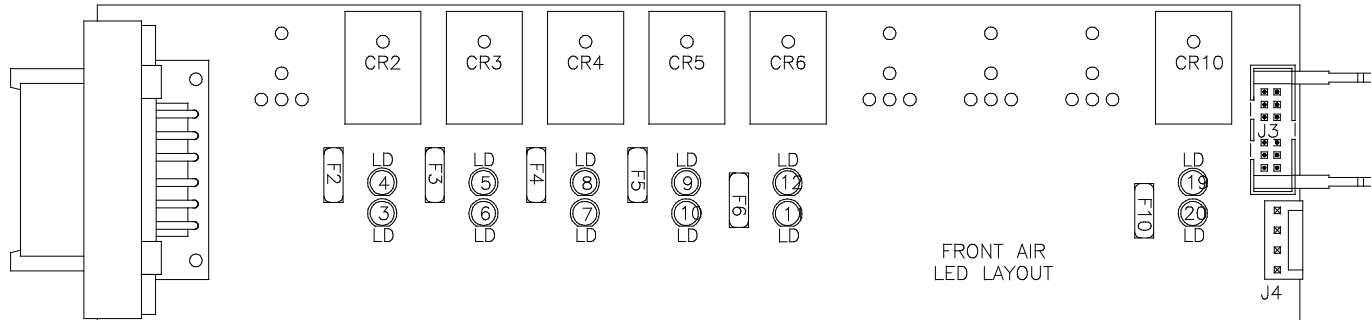
MP89531 H
09NOV07



FRONT AIR/ROOM 1 & ROOM 4
MODULE
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION	LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND	LED 11	CN11 PIN 1	YELLOW	ROOM 4 VAC SNS
LED 2	CN10 PIN 5	RED	RETRACT	LED 12	NOT USED	YELLOW	NOT USED
LED 3	CN12 PIN 8	GREEN	ROOM 1 VAC SNS	LED 13	NOT USED	YELLOW	NOT USED
LED 4	NOT USED	YELLOW	NOT USED	LED 14	CN10 PIN 1	YELLOW	ROOM SELECT
LED 5	CN11 PIN 2	YELLOW	ROOM 4 RM OUT	LED 15	NOT USED	GREEN	NOT USED
LED 6	CN12 PIN 2	YELLOW	ROOM 1 RM OUT	LED 16	NOT USED	GREEN	NOT USED
LED 7	CN11 PIN 3	GREEN	ROOM 4 RM IN	LED 17	NOT USED	GREEN	NOT USED
LED 8	CN12 PIN 3	GREEN	ROOM 1 RM IN	LED 18	NOT USED	GREEN	NOT USED
LED 9	CN11 PIN 10	GREEN	LEFT FRONT PSW	LED 19	CN11/CN12 PIN 7	RED	12V OUTPUT
LED 10	CN12 PIN 10	GREEN	RIGHT FRONT PSW	LED 20	CN9 PIN 3	RED	SW BATT
				LED 21	CN10 PIN 3	RED	PUMP INDICATOR
				LED 22	CN10 PIN 2	RED	READY TO OPERATE
				LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
				LED 27	NOT USED	RED	NOT USED
				LED 28	CN12 PIN 11	RED	TAG DUMP

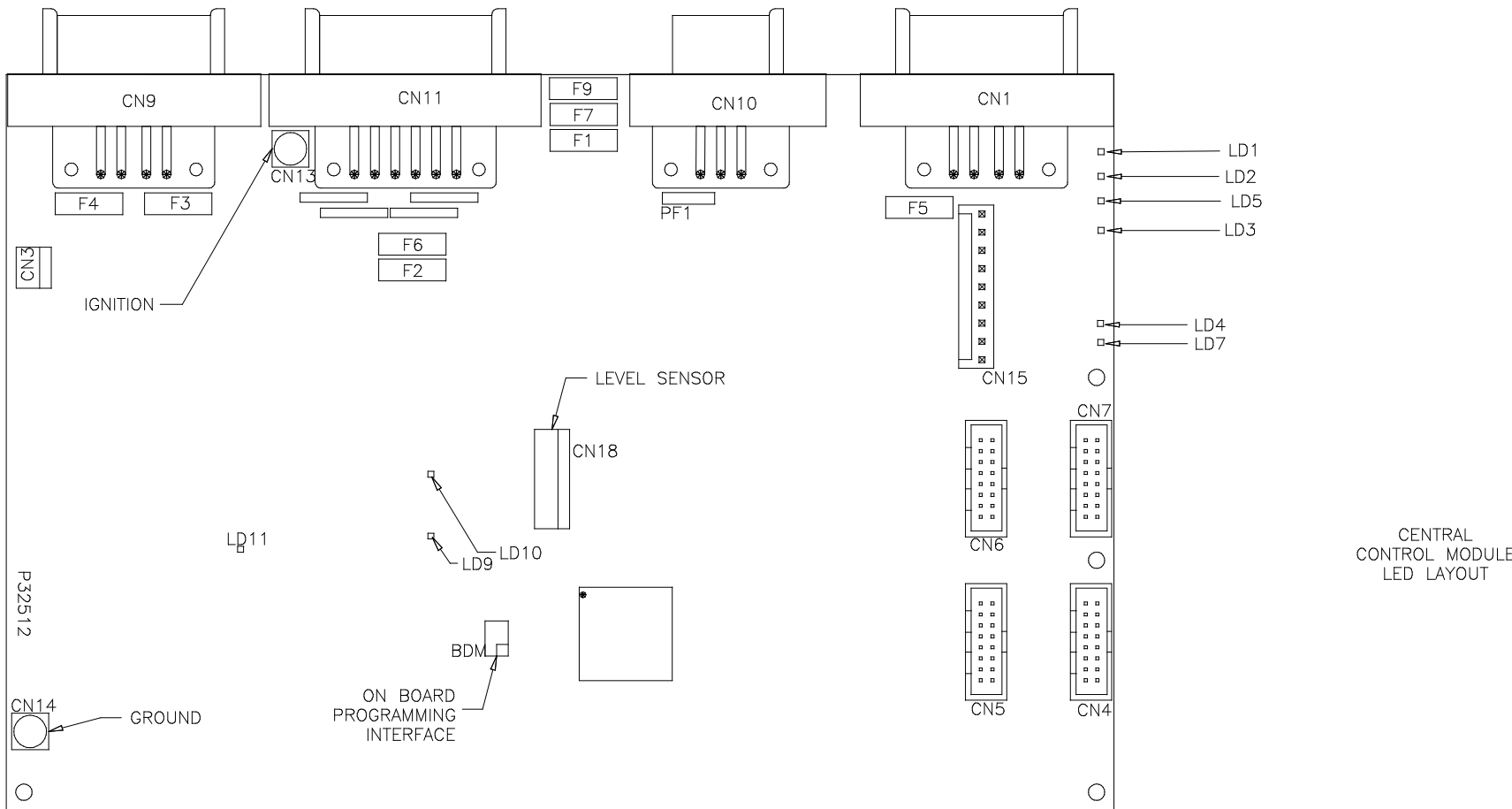
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
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)
LED19	YELLOW	PIN 4	---	---	CR10	TRAVEL (COIL)
LED20	RED	---	FUSE 10	PIN 8	CR10	TRAVEL (CONTACT)

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP89531 J
09NOV07

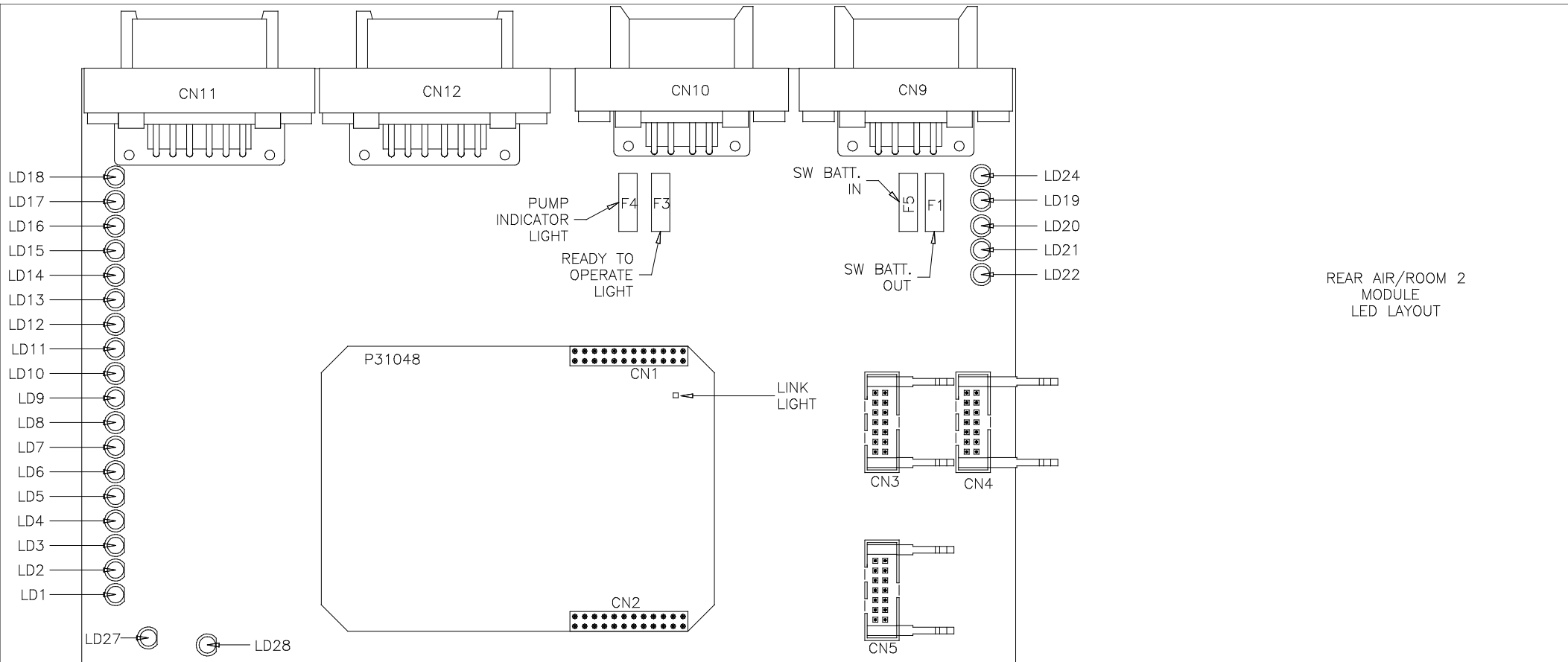


CENTRAL CONTROL MODULE LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN 9 PIN 1	RED	MASTER RELAY
LED 2	CN 9 PIN 4	RED	PUMP RELAY
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 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	CN9 PIN 2	RED	3000 LBS. PSW
LED 11	CN11 PIN 11	RED	PARK BRAKE

FUSE #	DESCRIPTION
PF1	RESET OUT
F7	ACCESSORY
F1	IGNITION
F2	HOUSE BATTERY
F3	MASTER RELAY
F4	PUMP RELAY
F5	SW. BATT TO CAN MODULES
F6	ENGINE BATTERY
F9	NOT USED

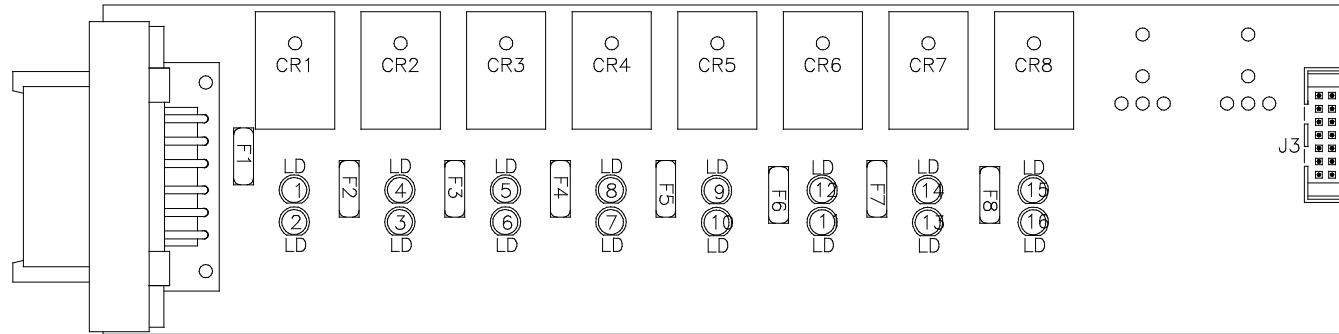
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND
LED 2	CN10 PIN 5	RED	RETRACT
LED 3	CN12 PIN 8	GREEN	ROOM 2 VAC SNS
LED 4	NOT USED	YELLOW	NOT USED
LED 5	NOT USED	YELLOW	NOT USED
LED 6	CN12 PIN 2	YELLOW	ROOM 2 ROOM OUT
LED 7	NOT USED	GREEN	NOT USED
LED 8	CN12 PIN 3	GREEN	ROOM 2 ROOM IN
LED 9	NOT USED	GREEN	NOT USED
LED 10	NOT USED	GREEN	NOT USED

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 11	NOT USED	YELLOW	NOT USED
LED 12	CN12 PIN 1	YELLOW	LEFT REAR TAG PSW
LED 13	NOT USED	YELLOW	NOT USED
LED 14	NOT USED	YELLOW	NOT USED
LED 15	CN11 PIN 4	GREEN	RIGHT REAR AIR PSW
LED 16	CN12 PIN 4	GREEN	RIGHT REAR TAG PSW
LED 17	NOT USED	GREEN	NOT USED
LED 18	CN12 PIN 9	GREEN	SYSTEM PSW
LED 19	CN11/CN12 PIN 7	RED	12V OUTPUT
LED 20	CN9 PIN 3	RED	SW BATT
LED 21	CN10 PIN 3	RED	PUMP INDICATOR
LED 22	CN10 PIN 2	RED	READY TO OPERATE
LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
LED 27	CN11 PIN 8	RED	LEFT REAR AIR PSW
LED 28	NOT USED	RED	NOT USED

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



ROOM HYDRAULIC OUTPUT
LED LAYOUT

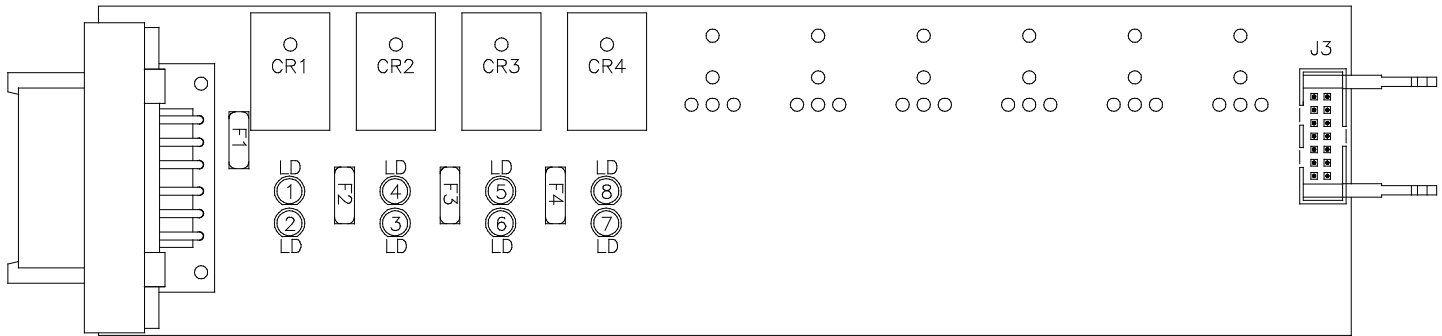
LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	CYL EXTEND 1 (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	CYL EXTEND 1 (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	CYL RETRACT1 (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	CYL RETRACT RM 1 (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	CYL EXTEND 2 (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	CYL EXTEND 2 (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	CYL RETRACT 2 (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	CYL RETRACT 2 (COIL)
LED9	YELLOW	PIN 9	---	---	CR5	NOT USED
LED10	RED	---	FUSE 5	PIN 5	CR5	NOT USED
LED11	RED	---	FUSE 6	PIN 6	CR6	NOT USED
LED12	YELLOW	PIN 8	---	---	CR6	NOT USED
LED13	RED	---	FUSE 7	PIN 10	CR7	CYL EXTEND 4 (CONTACT)
LED14	YELLOW	PIN 7	---	---	CR7	CYL EXTEND 4 (COIL)
LED15	YELLOW	PIN 6	---	---	CR8	CYL RETRACT 4 (COIL)
LED16	RED	---	FUSE 8	PIN 9	CR8	CYL RETRACT 4 (CONTACT)

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP89531 M
09NOV07

LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	VACUUM (COIL) ROOM 2
LED2	RED	---	FUSE 1	PIN 1	CR1	VACUUM (CONTACT) ROOM 2
LED3	RED	---	FUSE 2	PIN 2	CR2	AIR SEAL (CONTACT) ROOM 2
LED4	YELLOW	PIN 12	---	---	CR2	AIR SEAL (COIL) ROOM 2
LED5	YELLOW	PIN 11	---	---	CR3	NOT USED
LED6	RED	---	FUSE 3	PIN 3	CR3	NOT USED
LED7	RED	---	FUSE 4	PIN 4	CR4	NOT USED
LED8	YELLOW	PIN 10	---	---	CR4	NOT USED

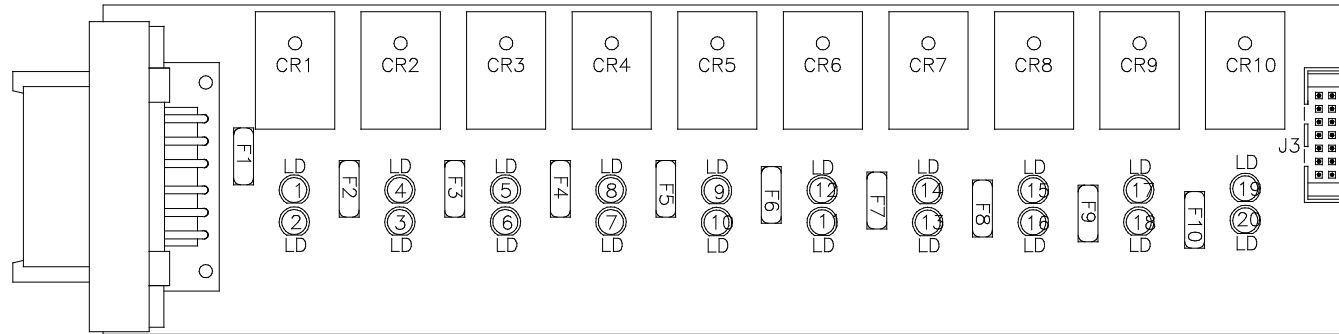
ROOM 2
LED LAYOUT



LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	VACUUM (COIL) ROOM 1
LED2	RED	---	FUSE 1	PIN 1	CR1	VACUUM (CONTACT) ROOM 1
LED3	RED	---	FUSE 2	PIN 2	CR2	AIR SEAL (CONTACT) ROOM 1
LED4	YELLOW	PIN 12	---	---	CR2	AIR SEAL (COIL) ROOM 1
LED5	YELLOW	PIN 11	---	---	CR3	VACUUM (COIL) ROOM 4
LED6	RED	---	FUSE 3	PIN 3	CR3	VACUUM (CONTACT) ROOM 4
LED7	RED	---	FUSE 4	PIN 4	CR4	AIR SEAL (CONTACT) ROOM 4
LED8	YELLOW	PIN 10	---	---	CR4	AIR SEAL (COIL) ROOM 4

ROOM 1 & 4
LED LAYOUT

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



REAR AIR
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	---	FUSE8	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)

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

MP89531 0
09NOV07