

AP22882 CN1 (BLACK)
PIN
1 BLK(W7696) SYSTEM WAKE UP
2 N/C
3 RED(W6800) SW BATT
4 WHT(W6230) GROUND
5 CAN SHIELD
6 RED(W6110) IGNITION
7 GRN CAN LOW
8 YEL CAN HI

AP22882 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

AP22882 CN11 (GRAY)
PIN
1 RED (W6110) IGNITION
2 N/C
3 N/C
4 N/C
5 RED(W6120) ACCESSORY
6 RED(W6100) HOUSE BATTERY
7 WHT(W6230) GROUND
8 BLK(W9961) NEUTRAL HOLD
9 BLK(W9965) NEUTRAL HOLD
10 N/C
11 BLK(W9000) PARK BRAKE SWITCH
12 RED(W6101) ENGINE BATTERY

AP22882 CN9 (GREEN)
PIN
1 BLK (W8500) MASTER RELAY CONTROL
2 BLK (W8100) SYSTEM PSW
3 N/C
4 BLK (W8600) PMP RELAY CONTROL
5 BLK (W9900) SPEED SWITCH
6 BLK (W9901) PUMP MONITOR
7 N/C
8 N/C

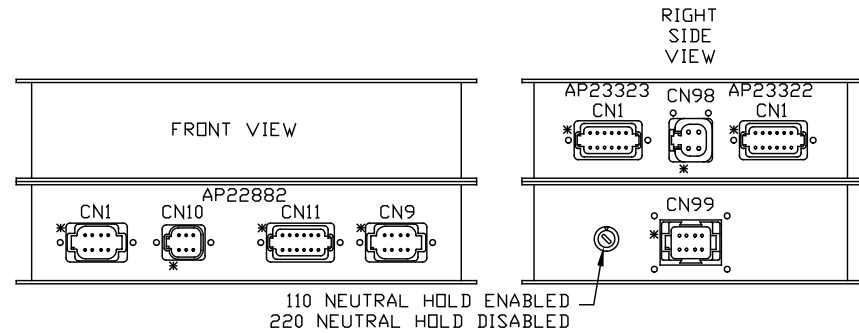
CN99 (GRAY)
PIN
1 RED (AP22693)
2 GRN (AP22693)
3 BLK (AP22693)
4 YLW (AP22693)
5 WHT (AP22693)
6 N/C
7 N/C
8 N/C

AP23323 CN1 (BROWN)
PIN
1 BLK (W5050) RM 1 CYLINDER EXTEND
2 BLK (W5150) RM 1 CYLINDER RETRACT
3 BLK (W5200) RM 1 LOCK
4 BLK (W5300) RM 1 UNLOCK
5 BLK (W5400) RM 1 FLOOR UP
6 BLK (W5500) RM 1 FLOOR DOWN
7 BLK (W5201) RM 2 LOCK
8 BLK (W5301) RM 2 UNLOCK
9 BLK (W5151) RM 2 CYLINDER RETRACT
10 BLK (W5051) RM 2 CYLINDER EXTEND
11 N/C
12 N/C

AP23322 CN1 (BLACK)
PIN
1 BLK (W5050) RM 3 CYLINDER EXTEND
2 BLK (W5150) RM 3 CYLINDER RETRACT
3 BLK (W5200) RM 3 LOCK
4 BLK (W5300) RM 3 UNLOCK
5 BLK (W5400) RM 3 FLOOR UP
6 BLK (W5500) RM 3 FLOOR DOWN
7 BLK (W5201) RM 4 LOCK
8 BLK (W5301) RM 4 UNLOCK
9 BLK (W5151) RM 4 CYLINDER RETRACT
10 BLK (W5051) RM 4 CYLINDER EXTEND
11 N/C
12 N/C

CN98 (GRAY)
PIN
1 BLK (W6800) SW BATT
2 BLK (W6800) SW BATT
3 WHT (W6230) GROUND
4 WHT (W6230) GROUND

AP23493
CENTRAL CONTROL MODULE



* DESIGNATES PIN 1 OF CONNECTORS

AP NUMBERS ARE REFERENCED TO PRINTED CIRCUIT BOARDS.

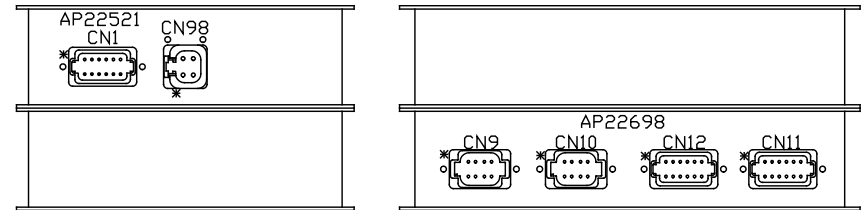
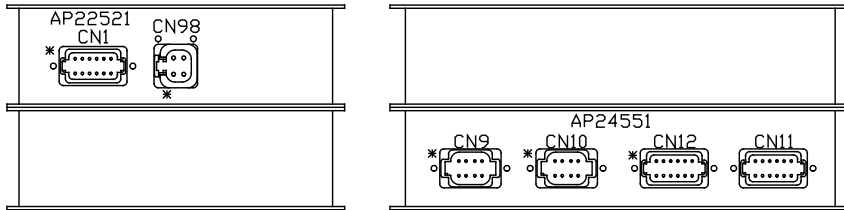
				HWH I-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760	
05JAN22		REMOVED LF, LR RM IN		SCALE 1:3	DATE 06AUG01
1		21JUN05		DRAWN BY .	
NO.		DATE		REVISION	
THE INFORMATION DISCLOSED ON THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED OR USED IN ANY MANNER WHICH WILL BE DETRIMENTAL TO THE HWH CORPORATION				DRAWING NUMBER MP88650 A/U	

SCHEMATICS SYS ELEC

AP23320
FRONT AIR MODULE

AP NUMBERS ARE REFERENCED TO PRINTED CIRCUIT BOARDS.

AP23321
REAR AIR MODULE



* DESIGNATES PIN 1 OF CONNECTORS

* DESIGNATES PIN 1 OF CONNECTORS

AP22521 CN1 (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) FRONT TRAVEL
- 9 N/C
- 10 N/C
- 11 WHT(W6254) GROUND
- 12 N/C

CN98 (GRAY)
PIN

- 1 BLK(W6800) SW BATT
- 2 BLK(W6800) SW BATT
- 3 WHT(W6230) GROUND
- 4 WHT(W6230) GROUND

AP22521 CN1 (BROWN)
PIN

- 1 N/C
- 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 N/C
- 8 BLK(W3700) REAR TRAVEL
- 9 N/C
- 10 N/C
- 11 WHT(W6258) GROUND
- 12 N/C

CN98 (GRAY)
PIN

- 1 BLK(W6800) SW BATT
- 2 BLK(W6800) SW BATT
- 3 WHT(W6230) GROUND
- 4 WHT(W6230) GROUND

AP24551 CN9 (BLACK)
PIN

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

AP24551 CN10 (GRAY)
PIN

- 1 N/C
- 2 N/C
- 3 N/C
- 4 N/C
- 5 N/C
- 6 N/C
- 7 N/C
- 8 N/C

AP22698 CN9 (BLACK)
PIN

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

AP22698 CN10 (GRAY)
PIN

- 1 N/C
- 2 N/C
- 3 N/C
- 4 N/C
- 5 N/C
- 6 N/C
- 7 N/C
- 8 N/C

AP24551 CN12 (GRAY)
PIN

- 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(W2210) RIGHT FRONT AIR PSW
- 11 N/C
- 12 N/C

AP24551 CN11 (GREEN)
PIN

- 1 N/C
- 2 N/C
- 3 N/C
- 4 N/C
- 5 N/C
- 6 WHT(W6236) GROUND
- 7 N/C
- 8 N/C
- 9 N/C
- 10 BLK(W1210) LEFT FRONT AIR PSW
- 11 N/C
- 12 N/C

AP22698 CN12 (GRAY)
PIN

- 1 N/C
- 2 N/C
- 3 BLK(W3215) AIR SYSTEM PSW
- 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

AP22698 CN11 (GREEN)
PIN

- 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

AP22695 CN1 (BROWN)

- PIN
- 1 N/C
 - 2 AIR SEAL (OEM)
 - 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 GROUND (OEM)
 - 12 N/C

CN98 (GRAY)

- PIN
- 1 BLK (W6800) SW BATT
 - 2 BLK (W6800) SW BATT
 - 3 WHT (W6230) GROUND
 - 4 WHT (W6230) GROUND

AP22694 CN9 (BLACK)

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

AP22694 CN10 (GRAY)

- PIN
- 1 N/C
 - 2 BLK (W7510) READY TO OPERATE
 - 3 BLK (W7530) PUMP
 - 4 BLK (W7501) EXTEND
 - 5 BLK (W7502) RETRACT
 - 6 RED (W6805) SW BATTERY
 - 7 BLK (W7631) SYSTEM WAKE UP
 - 8 WHT (W6230) GROUND

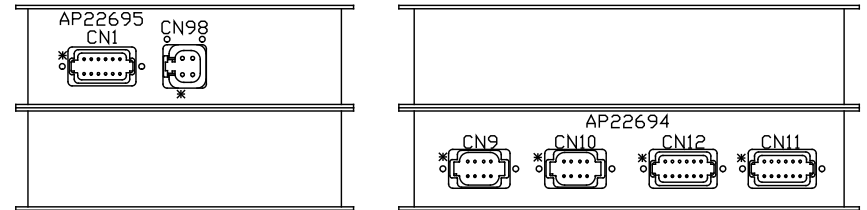
AP22694 CN12 (GRAY)

- PIN
- 1 LOWER FRONT UNLOCK (OEM)
 - 2 FRONT ROOM OUT (OEM)
 - 3 N/C
 - 4 LOWER FRONT LOCK (OEM)
 - 5 FLOOR DOWN (OEM)
 - 6 GROUND (OEM)
 - 7 SWITCHED BATTERY (OEM)
 - 8 FLOOR UP (OEM)
 - 9 UPPER FRONT LOCK (OEM)
 - 10 UPPER FRONT ROOM IN (OEM)
 - 11 N/C
 - 12 UPPER FRONT UNLOCK (OEM)

AP22694 CN 11 (GREEN)

- PIN
- 1 LOWER REAR UNLOCK (OEM)
 - 2 REAR ROOM OUT (OEM)
 - 3 N/C
 - 4 LOWER REAR LOCK (OEM)
 - 5 N/C
 - 6 GROUND (OEM)
 - 7 SWITCHED BATTERY (OEM)
 - 8 N/C
 - 9 UPPER REAR LOCK (OEM)
 - 10 UPPER REAR ROOM IN (OEM)
 - 11 N/C
 - 12 UPPER REAR UNLOCK (OEM)

ROOM MODULES
 AP23316 (ROOM 1)
 AP23318 (ROOM 3)



* DESIGNATES PIN 1 OF CONNECTORS

AP NUMBERS ARE REFERENCED TO PRINTED CIRCUIT BOARDS.

AP22695 CN1 (BROWN)
PIN

1	N/C
2	AIR SEAL (OEM)
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	GROUND (OEM)
12	N/C

CN98 (GRAY)
PIN

1	BLK(W6800) SW BATT
2	BLK(W6800) SW BATT
3	WHT(W6230) GROUND
4	WHT(W6230) GROUND

AP22694 CN9 (BLACK)
PIN

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

AP22694 CN10 (GRAY)
PIN

1	N/C
2	BLK(W7510) READY TO OPERATE
3	BLK(W7530) PUMP
4	BLK(W7501) EXTEND (ROOM 2)
5	BLK(W7502) RETRACT (ROOM 2)
6	RED(W6805) SW BATTERY
7	BLK(W7631) SYSTEM WAKE UP
8	WHT(W6230) GROUND

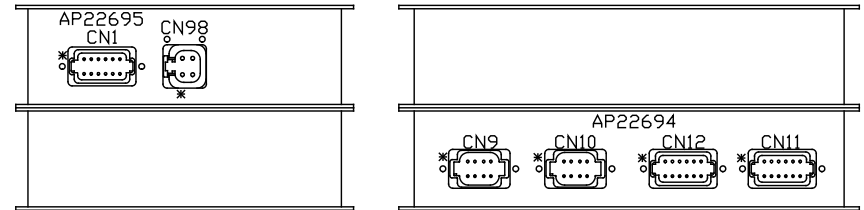
AP22694 CN12 (GRAY)
PIN

1	LOWER FRONT UNLOCK (OEM)
2	FRONT ROOM OUT (OEM)
3	LOWER FRONT ROOM IN (OEM)
4	LOWER FRONT LOCK (OEM)
5	N/C
6	GROUND (OEM)
7	SWITCHED BATTERY (OEM)
8	N/C
9	UPPER FRONT LOCK (OEM)
10	UPPER FRONT ROOM IN (OEM)
11	N/C
12	UPPER FRONT UNLOCK (OEM)

AP22694 CN 11 (GREEN)
PIN

1	LOWER REAR UNLOCK (OEM)
2	REAR ROOM OUT (OEM)
3	LOWER REAR ROOM IN (OEM)
4	LOWER REAR LOCK (OEM)
5	N/C
6	GROUND (OEM)
7	SWITCHED BATTERY (OEM)
8	N/C
9	UPPER REAR LOCK (OEM)
10	UPPPER REAR ROOM IN (OEM)
11	N/C
12	UPPER REAR UNLOCK (OEM)

AP23317
ROOM 2 MODULE



* DESIGNATES PIN 1 OF CONNECTORS

AP NUMBERS ARE REFERENCED TO PRINTED CIRCUIT BOARDS.

AP22695 CN1 (BROWN)

PIN
 1 N/C
 2 AIR SEAL (OEM)
 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 GROUND (OEM)
 12 N/C

CN98 (GRAY)

PIN
 1 BLK(W6800) SW BATT
 2 BLK(W6800) SW BATT
 3 WHT(W6230) GROUND
 4 WHT(W6230) GROUND

AP23963 CN9 (BLACK)

PIN
 1 BLK(W7630) SYSTEM WAKE UP
 2 N/C
 3 RED(W6800) SW BATT
 4 WHT(W6230) GROUND
 5 CAN SHIELD
 6 RED(W6110) IGNITION
 7 GRN CAN LOW
 8 YEL CAN HI

AP23963 CN10 (GRAY)

PIN
 1 N/C
 2 BLK(W7510) READY TO OPERATE
 3 BLK(W7530) PUMP
 4 BLK(W7501) EXTEND (ROOM 4)
 5 BLK(W7502) RETRACT (ROOM 4)
 6 RED(W6805) SW BATTERY
 7 BLK(W7631) SYSTEM WAKE UP
 8 WHT(W6230) GROUND

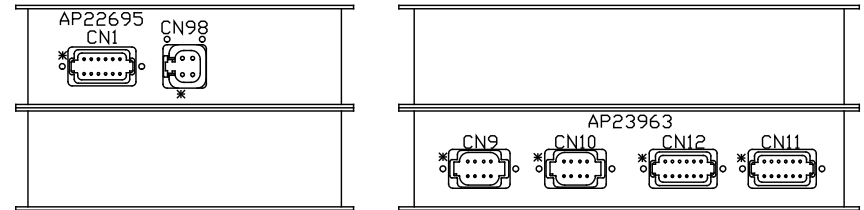
AP23963 CN12 (GRAY)

PIN
 1 LOWER FRONT UNLOCK (OEM)
 2 FRONT ROOM OUT (OEM)
 3 LOWER FRONT ROOM IN (OEM)
 4 LOWER FRONT LOCK (OEM)
 5 N/C
 6 GROUND (OEM)
 7 SWITCHED BATTERY (OEM)
 8 N/C
 9 UPPER FRONT LOCK (OEM)
 10 UPPER FRONT ROOM IN (OEM)
 11 PSW SYNCH CYLINDER (OEM)
 12 UPPER FRONT UNLOCK (OEM)

AP23963 CN 11 (GREEN)

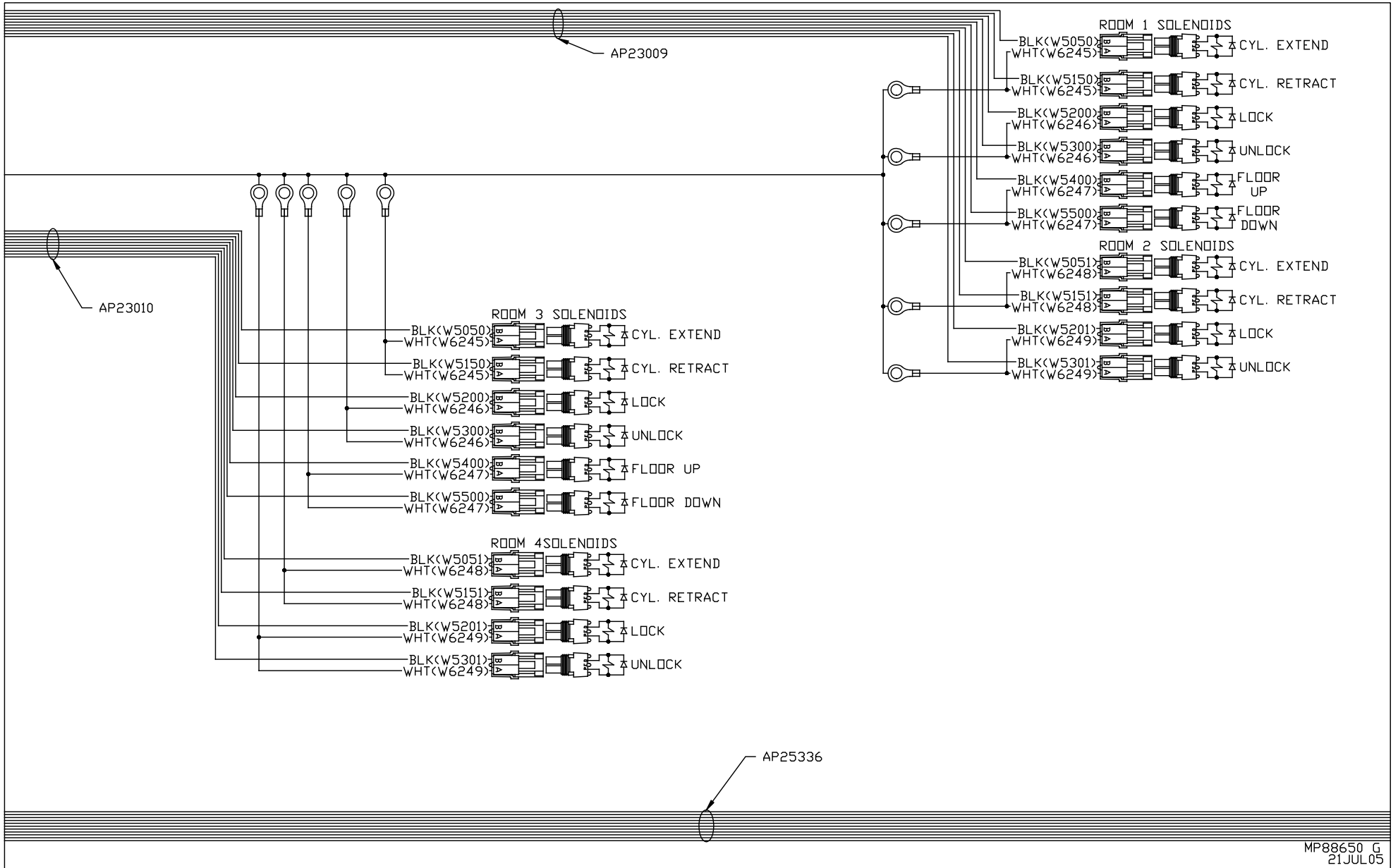
PIN
 1 LOWER REAR UNLOCK (OEM)
 2 REAR ROOM OUT (OEM)
 3 LOWER REAR ROOM IN (OEM)
 4 LOWER REAR LOCK (OEM)
 5 N/C
 6 GROUND (OEM)
 7 SWITCHED BATTERY (OEM)
 8 N/C
 9 UPPER REAR LOCK (OEM)
 10 UPPER REAR ROOM IN (OEM)
 11 N/C
 12 UPPER REAR UNLOCK (OEM)

AP24467
 ROOM 4 MODULE

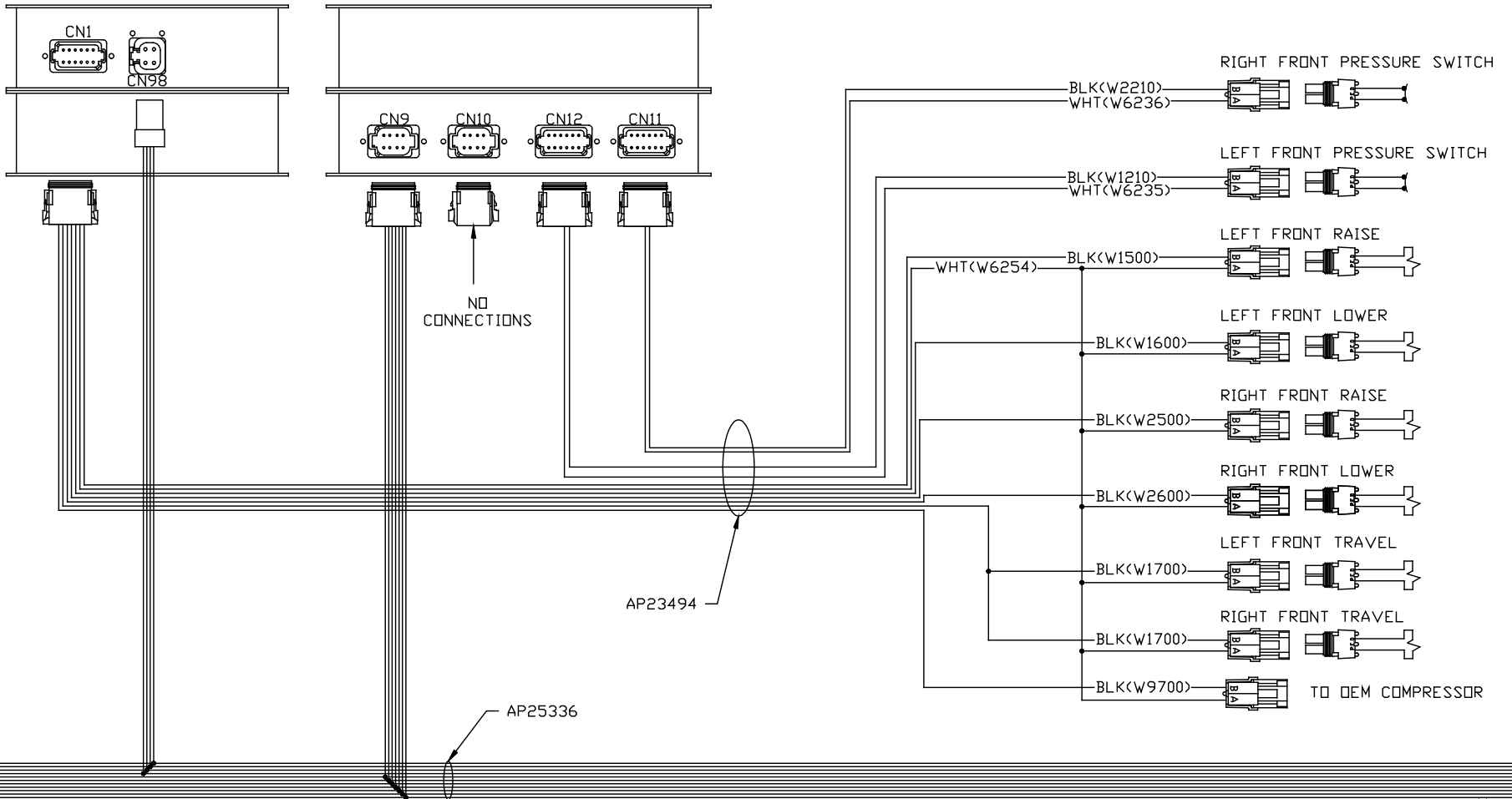


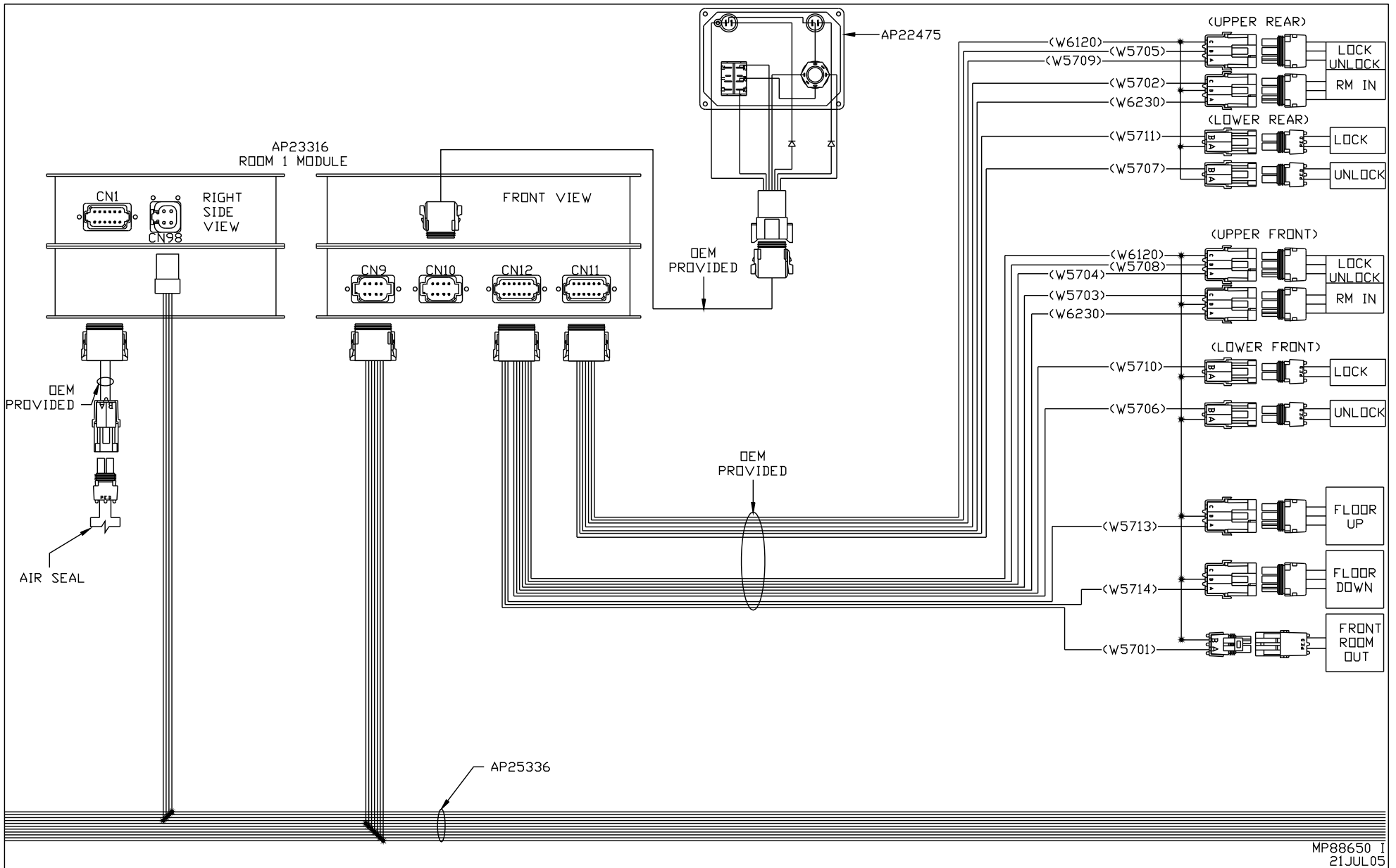
* DESIGNATES PIN 1 OF CONNECTORS

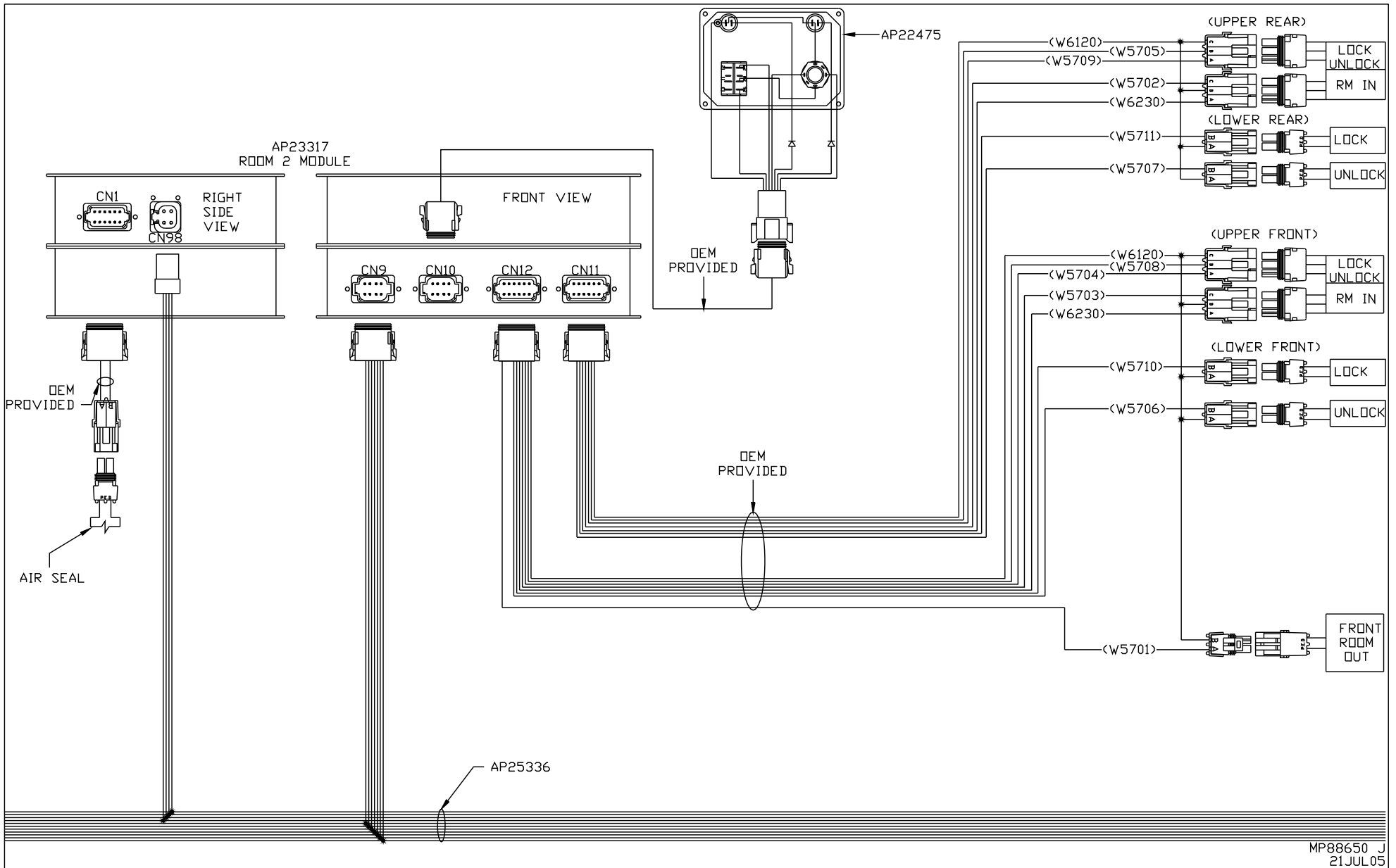
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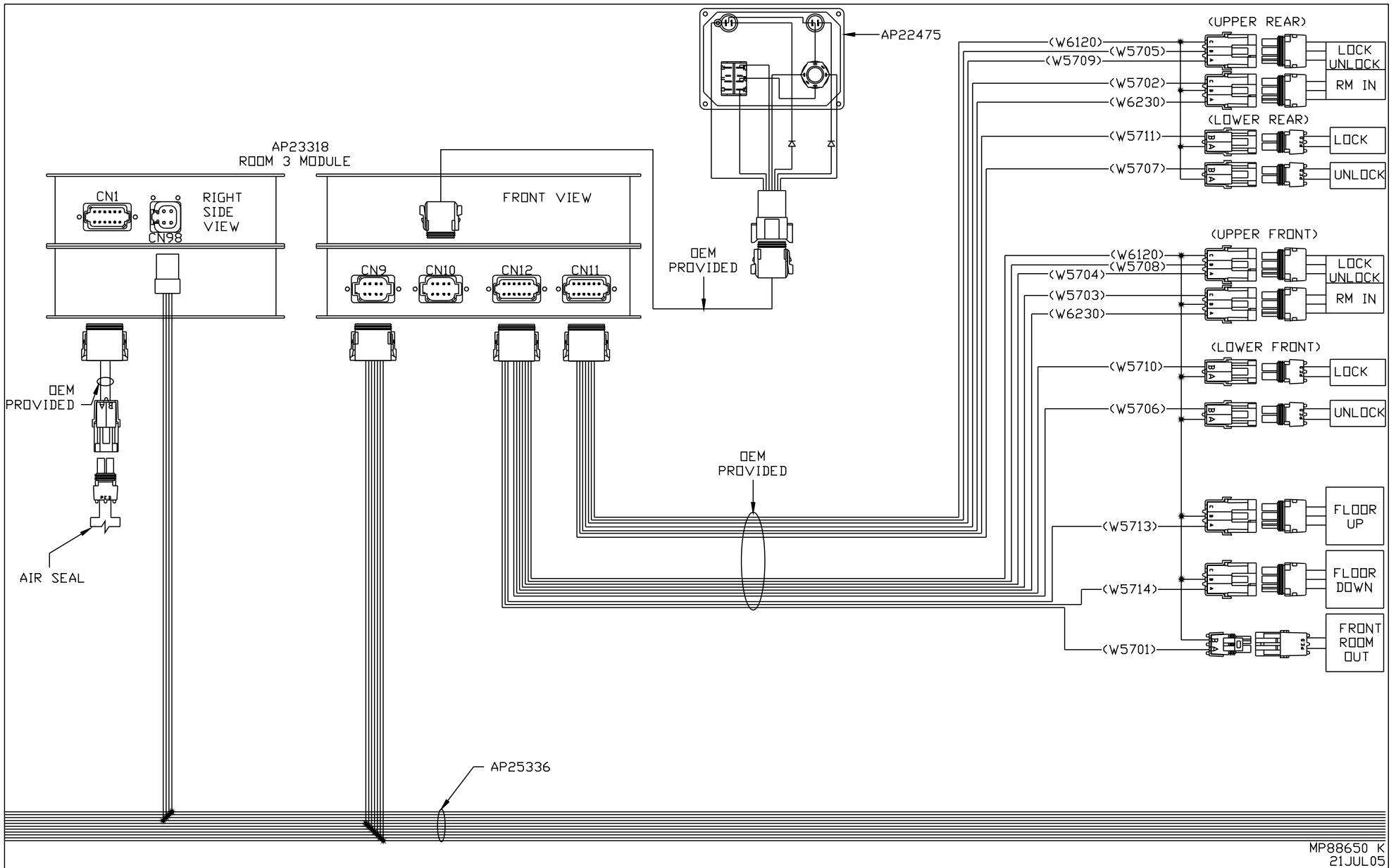


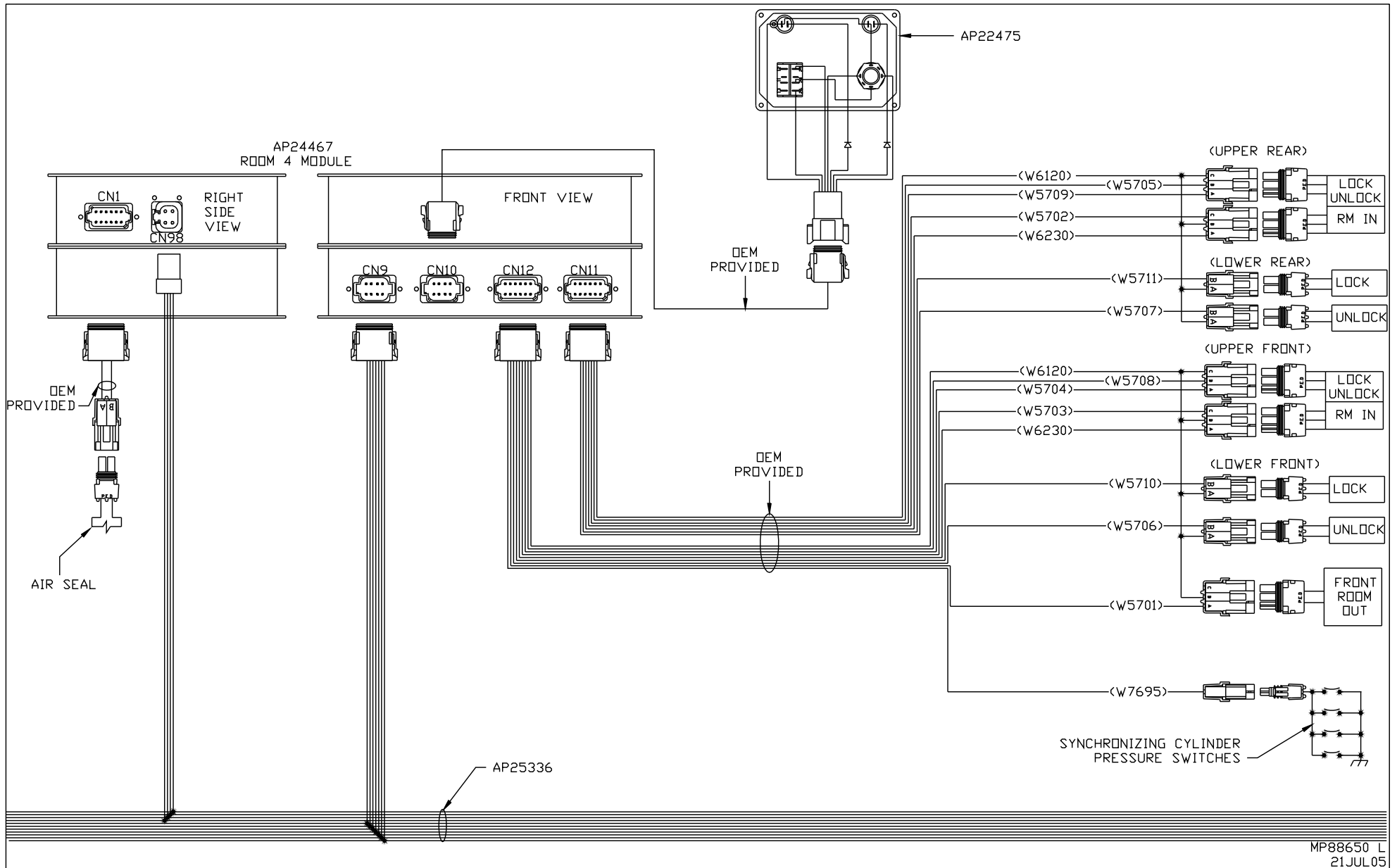
AP23320
FRONT AIR MODULE



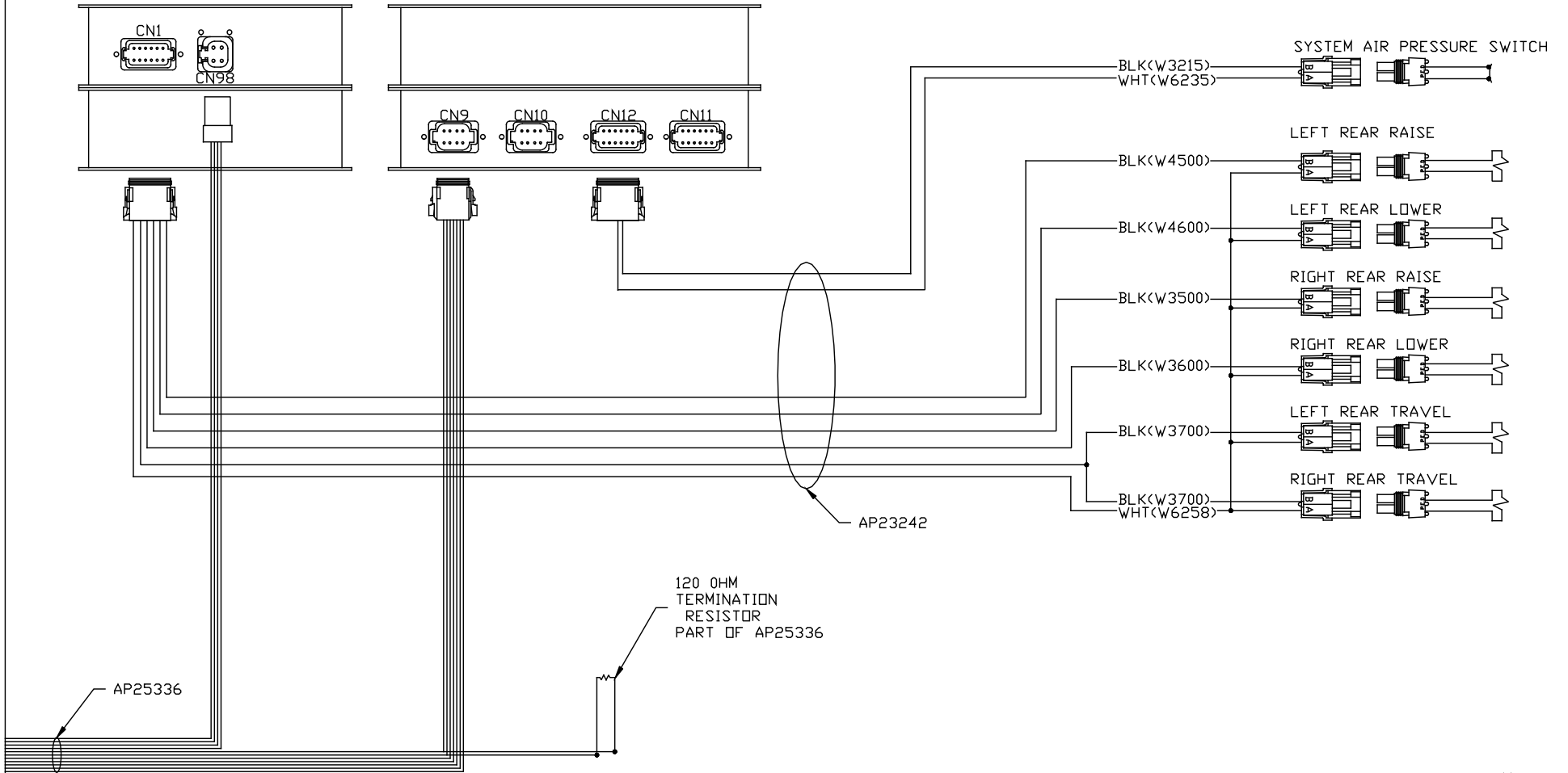


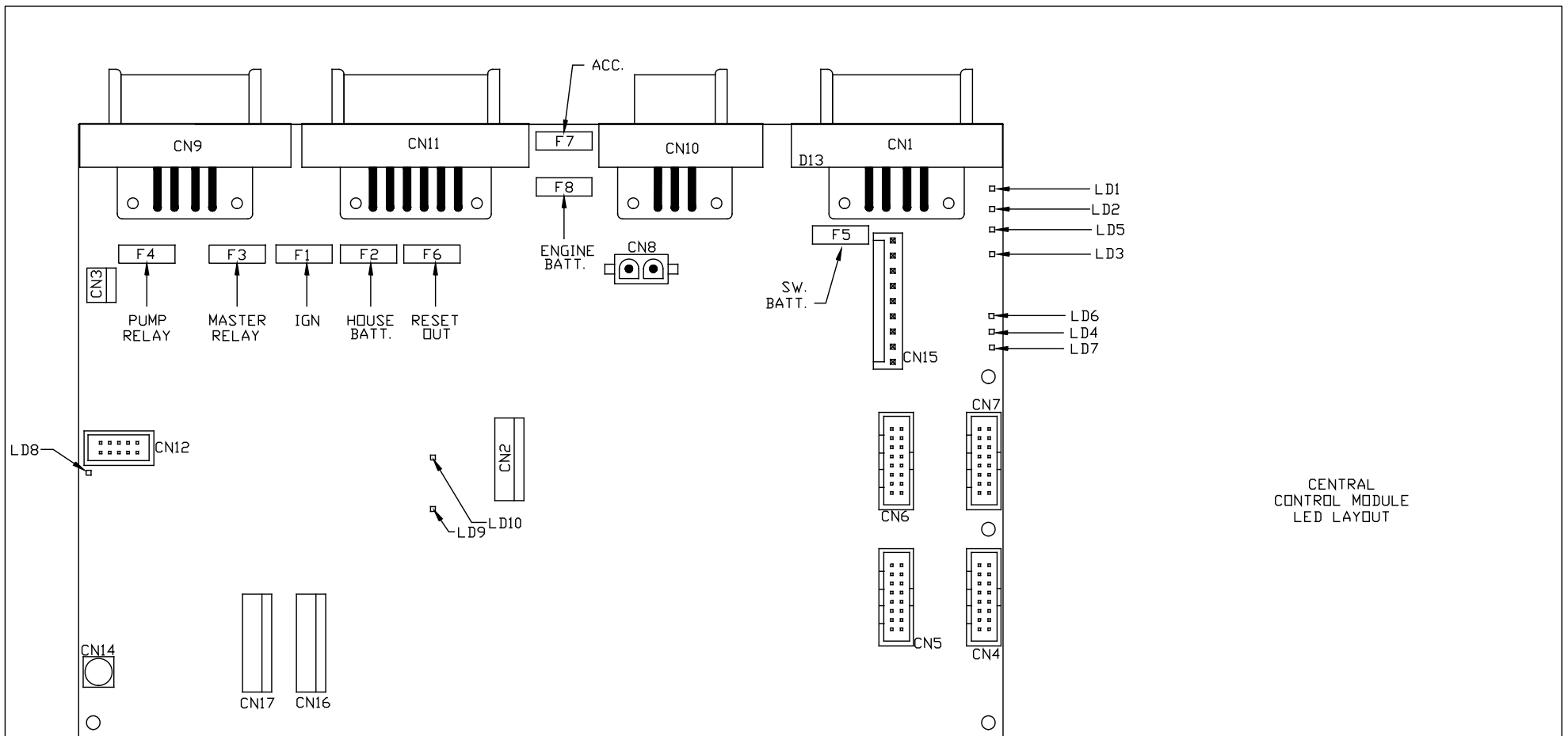




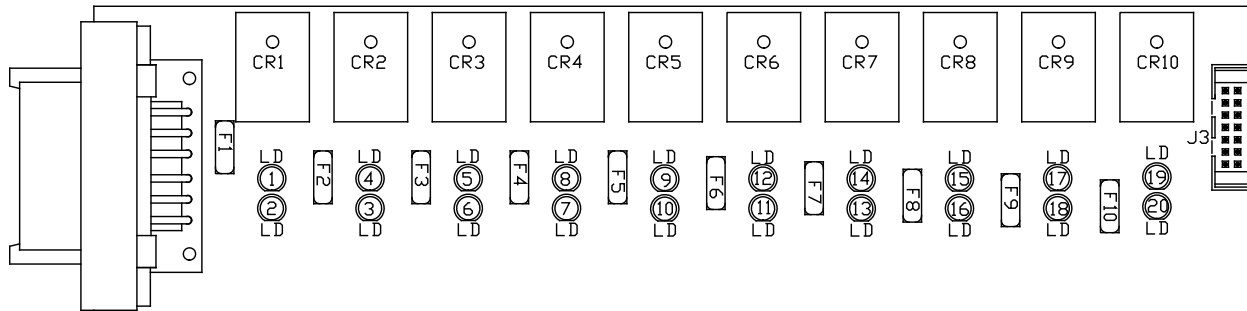


AP23321
REAR AIR MODULE



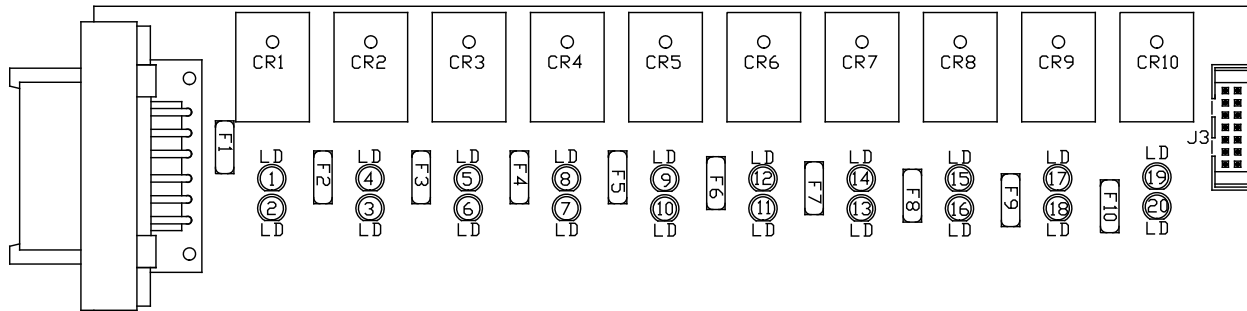


LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN9 PIN 1	RED	MASTER RELAY
LED 2	CN9 PIN 4	RED	PUMP RELAY
LED 3	CN1 PIN 3	RED	SW 12V
LED 4	CN11 PIN 12	RED	ENGINE BATT
LED 5	CN9 PIN 5	RED	SPEED SWITCH
LED 6	NOT USED	NOT USED	NOT USED
LED 7	CN1 PIN 7 & 8	RED	LINK LIGHT
LED 8	CN11 PIN 8 & 9	RED	NEUTRAL HOLD
LED 9	NOT USED	NOT USED	NOT USED
LED 10	CN9 PIN 2	RED	3000 LBS. PSW



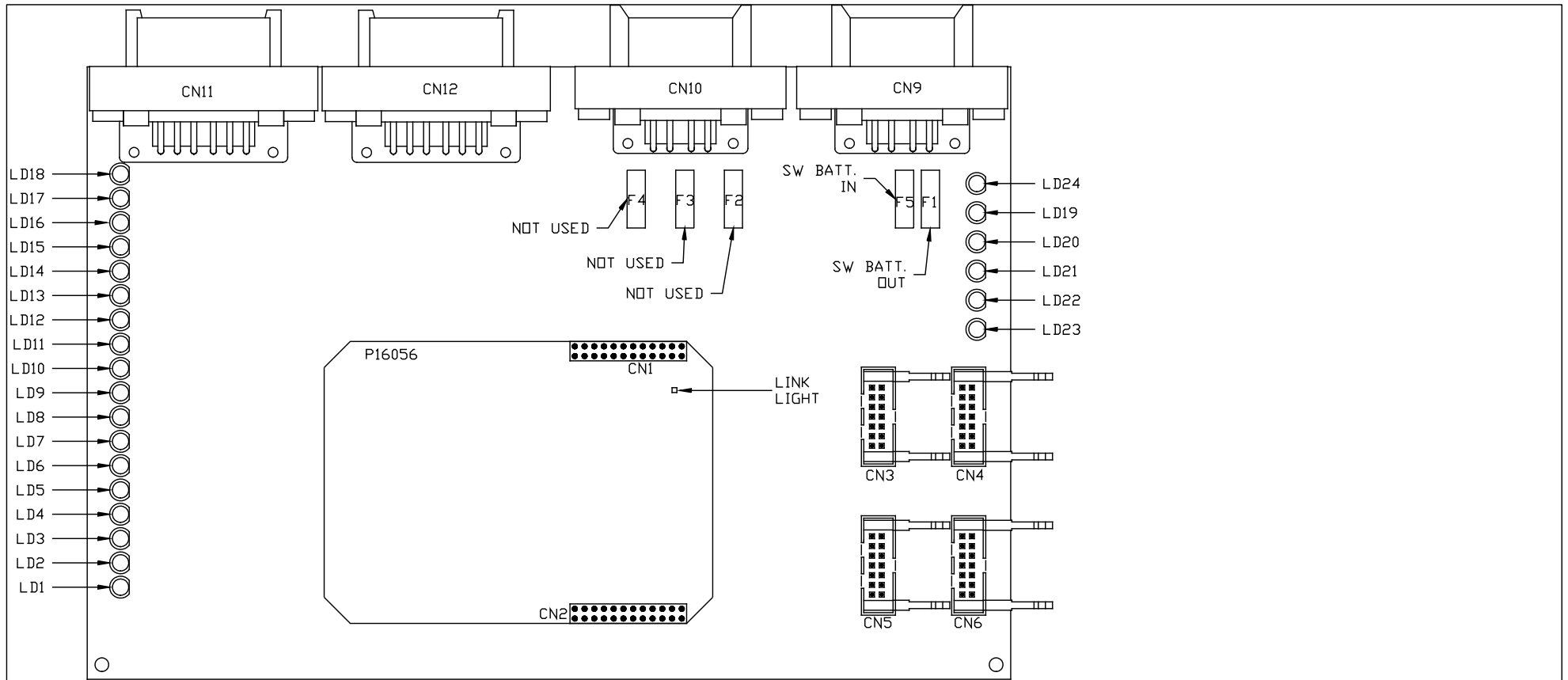
LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	EXTEND CYL. RM 3 (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	EXTEND CYL. RM 3 (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	RETRACT CYL. RM 3 (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	RETRACT CYL. RM 3 (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	LOCK RM 3 (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	LOCK RM 3 (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	UNLOCK RM 3 (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	UNLOCK RM 3 (COIL)
LED9	YELLOW	PIN 9	---	---	CR5	RM 3 FLOOR UP (COIL)
LED10	RED	---	FUSE 5	PIN 5	CR5	RM 3 FLOOR UP (CONTACT)
LED11	RED	---	FUSE 6	PIN 6	CR6	RM 3 FLOOR DOWN (CONTACT)
LED12	YELLOW	PIN 8	---	---	CR6	RM 3 FLOOR DOWN (COIL)
LED13	RED	---	FUSE 7	PIN 10	CR7	EXTEND CYL. RM 4 (CONTACT)
LED14	YELLOW	PIN 7	---	---	CR7	EXTEND CYL. RM 4 (COIL)
LED15	YELLOW	PIN 6	---	---	CR8	RETRACT CYL. RM 4 (COIL)
LED16	RED	---	FUSE8	PIN 9	CR8	RETRACT CYL. RM 4 (CONTACT)
LED17	YELLOW	PIN 5	---	---	CR9	LOCK RM 4 (COIL)
LED18	RED	---	FUSE 9	PIN 7	CR9	LOCK RM 4 (CONTACT)
LED19	YELLOW	PIN 4	---	---	CR10	UNLOCK RM 4 (COIL)
LED20	RED	---	FUSE 10	PIN 8	CR10	UNLOCK RM 4 (CONTACT)

ROOM 3 AND ROOM 4
LED LAYOUT



LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	EXTEND CYL. RM 1 <COIL>
LED2	RED	---	FUSE 1	PIN 1	CR1	EXTEND CYL. RM 1 <CONTACT>
LED3	RED	---	FUSE 2	PIN 2	CR2	RETRACT CYL. RM 1 <CONTACT>
LED4	YELLOW	PIN 12	---	---	CR2	RETRACT CYL. RM 1 <COIL>
LED5	YELLOW	PIN 11	---	---	CR3	LOCK RM 1 <COIL>
LED6	RED	---	FUSE 3	PIN 3	CR3	LOCK RM 1 <CONTACT>
LED7	RED	---	FUSE 4	PIN 4	CR4	UNLOCK RM 1 <CONTACT>
LED8	YELLOW	PIN 10	---	---	CR4	UNLOCK RM 1 <COIL>
LED9	YELLOW	PIN 9	---	---	CR5	RM 1 FLOOR UP <COIL>
LED10	RED	---	FUSE 5	PIN 5	CR5	RM 1 FLOOR UP <CONTACT>
LED11	RED	---	FUSE 6	PIN 6	CR6	RM 1 FLOOR DOWN <CONTACT>
LED12	YELLOW	PIN 8	---	---	CR6	RM 1 FLOOR DOWN <COIL>
LED13	RED	---	FUSE 7	PIN 10	CR7	EXTEND CYL. RM 2 <CONTACT>
LED14	YELLOW	PIN 7	---	---	CR7	EXTEND CYL. RM 2 <COIL>
LED15	YELLOW	PIN 6	---	---	CR8	RETRACT CYL. RM 2 <COIL>
LED16	RED	---	FUSE8	PIN 9	CR8	RETRACT CYL. RM 2 <CONTACT>
LED17	YELLOW	PIN 5	---	---	CR9	LOCK RM 2 <COIL>
LED18	RED	---	FUSE 9	PIN 7	CR9	LOCK RM 2 <CONTACT>
LED19	YELLOW	PIN 4	---	---	CR10	UNLOCK RM 2 <COIL>
LED20	RED	---	FUSE 10	PIN 8	CR10	UNLOCK RM 2 <CONTACT>

ROOM 1 AND ROOM 2
LED LAYOUT



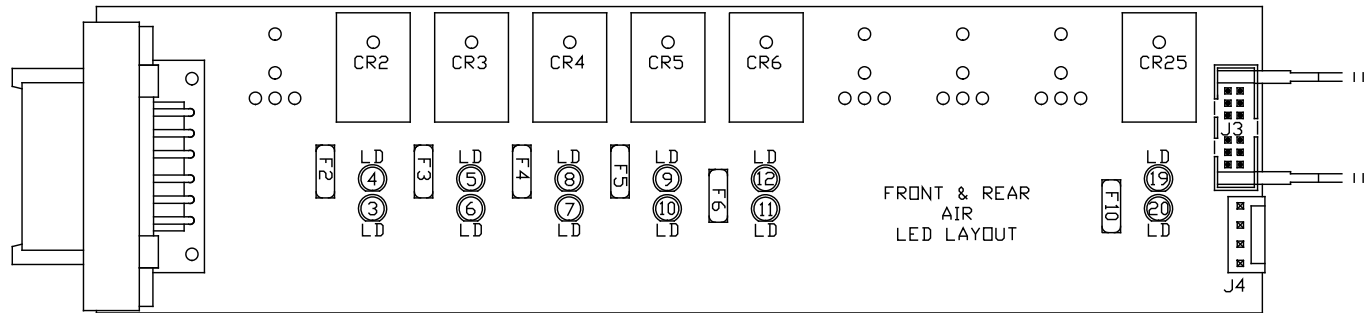
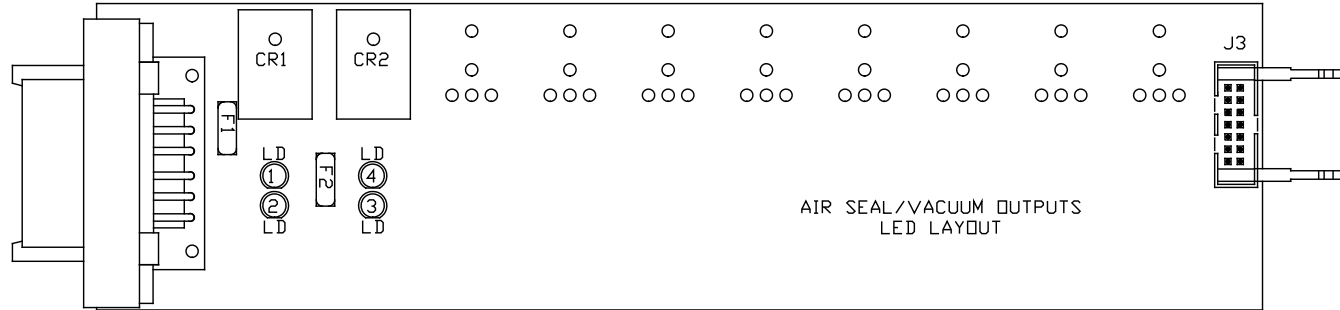
FRONT AIR
MODULE
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 9	CN11 PIN 10	GREEN	LEFT FRONT PSW
LED 10	CN12 PIN 10	GREEN	RIGHT FRONT PSW
LED 19	NOT USED	RED	SW BATT OUT
LED 20	NOT USED	RED	SW BATT IN

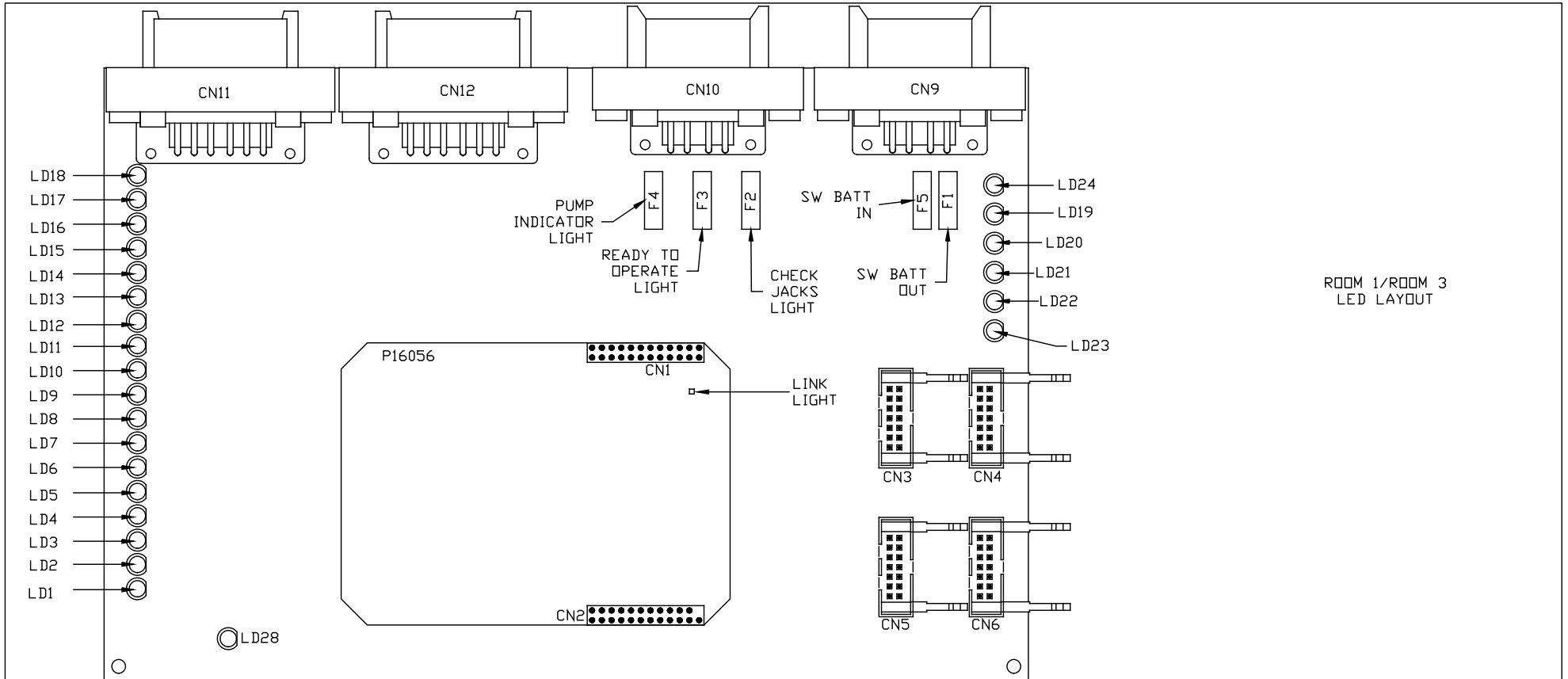
REAR AIR
MODULE
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 8	CN12 PIN 3	GREEN	SYSTEM PRESS SW
LED 19	NOT USED	RED	SW BATT OUT
LED 20	NOT USED	RED	SW BATT IN

LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	AIR SEAL (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	AIR SEAL (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	VACUUM (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	VACUUM (COIL)

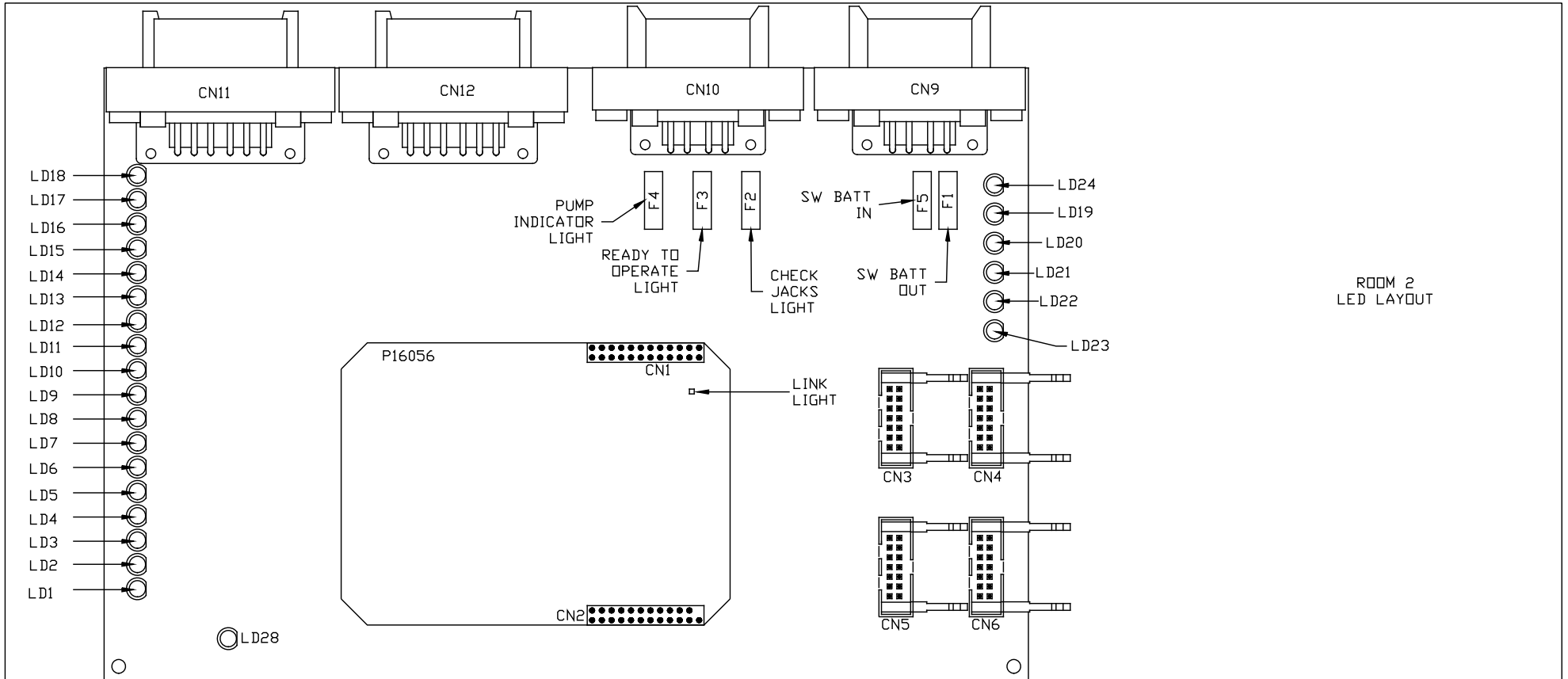


LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED3	RED	---	FUSE 2	PIN 2	CR2	LEFT RAISE (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	LEFT RAISE (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	LEFT LOWER (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	LEFT LOWER (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	RIGHT RAISE (CONTACT)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



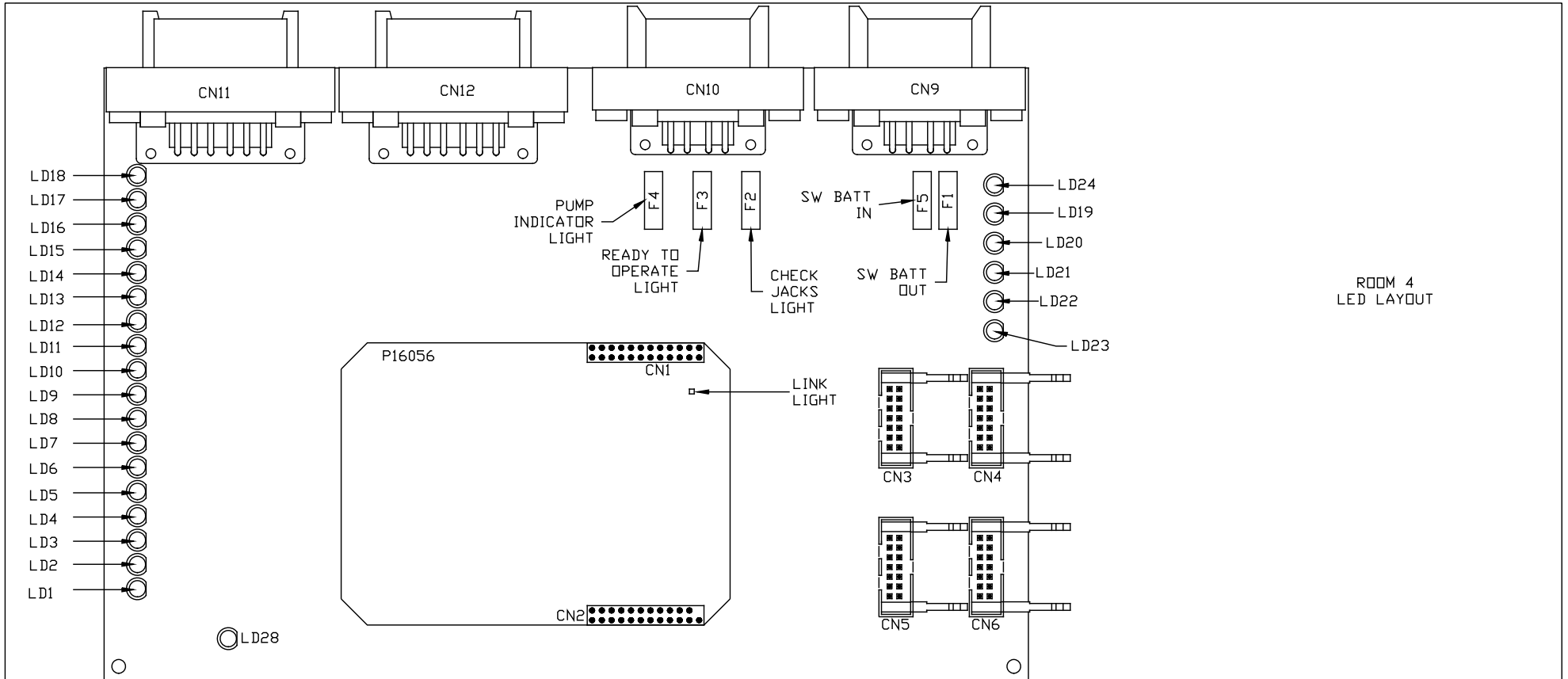
ROOM 1/ROOM 3
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION	LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND	LED 15	CN11 PIN 4	GREEN	LR LOCK
LED 2	CN10 PIN 5	RED	RETRACT	LED 16	CN12 PIN 4	GREEN	LF LOCK
LED 3	CN12 PIN 8	GREEN	FLOOR UP	LED 17	CN11 PIN 9	GREEN	UR LOCK
LED 4	CN12 PIN 5	YELLOW	FLOOR DOWN	LED 18	CN12 PIN 9	GREEN	UF LOCK
LED 5	NOT USED	YELLOW	NOT USED	LED 19	CN11/CN12 PIN 7	RED	SW 12V
LED 6	CN12 PIN 2	YELLOW	FRONT RM OUT	LED 20	CN9 PIN 3	RED	SW BATT
LED 7	NOT USED	GREEN	NOT USED	LED 21	CN10 PIN 3	RED	PUMP INDICATOR
LED 8	NOT USED	GREEN	NOT USED	LED 22	CN10 PIN 2	RED	READY TO OPERATE
LED 9	CN11 PIN 10	GREEN	UR ROOM IN	LED 23	NOT USED	RED	NOT USED
LED 10	CN12 PIN 10	GREEN	UF ROOM IN	LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
LED 11	CN11 PIN 1	YELLOW	LR UNLOCK	LED 25	---	---	---
LED 12	CN12 PIN 1	YELLOW	LF UNLOCK	LED 26	---	---	---
LED 13	CN11 PIN 12	YELLOW	UR UNLOCK	LED 27	---	---	---
LED 14	CN12 PIN 12	YELLOW	UF UNLOCK	LED 28	NOT USED	RED	NOT USED



ROOM 2
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION	LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND	LED 15	CN11 PIN 4	GREEN	LR LOCK
LED 2	CN10 PIN 5	RED	RETRACT	LED 16	CN12 PIN 4	GREEN	LF LOCK
LED 3	NOT USED	GREEN	NOT USED	LED 17	CN11 PIN 9	GREEN	UR LOCK
LED 4	NOT USED	YELLOW	NOT USED	LED 18	CN12 PIN 9	GREEN	UF LOCK
LED 5	NOT USED	YELLOW	NOT USED	LED 19	CN11/CN12 PIN 7	RED	SW 12V
LED 6	CN12 PIN 2	YELLOW	FRONT RM OUT	LED 20	CN9 PIN 3	RED	SW BATT
LED 7	NOT USED	GREEN	NOT USED	LED 21	CN10 PIN 3	RED	PUMP INDICATOR
LED 8	NOT USED	GREEN	NOT USED	LED 22	CN10 PIN 2	RED	READY TO OPERATE
LED 9	CN11 PIN 10	GREEN	UR ROOM IN	LED 23	NOT USED	RED	NOT USED
LED 10	CN12 PIN 10	GREEN	UF ROOM IN	LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
LED 11	CN11 PIN 1	YELLOW	LR UNLOCK	LED 25	---	---	---
LED 12	CN12 PIN 1	YELLOW	LF UNLOCK	LED 26	---	---	---
LED 13	CN11 PIN 12	YELLOW	UR UNLOCK	LED 27	---	---	---
LED 14	CN12 PIN 12	YELLOW	UF UNLOCK	LED 28	NOT USED	RED	NOT USED



ROOM 4
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION	LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND	LED 15	CN11 PIN 4	GREEN	LR LOCK
LED 2	CN10 PIN 5	RED	RETRACT	LED 16	CN12 PIN 4	GREEN	LF LOCK
LED 3	NOT USED	GREEN	NOT USED	LED 17	CN11 PIN 9	GREEN	UR LOCK
LED 4	NOT USED	YELLOW	NOT USED	LED 18	CN12 PIN 9	GREEN	UF LOCK
LED 5	NOT USED	YELLOW	NOT USED	LED 19	CN11/CN12 PIN 7	RED	SW 12V
LED 6	CN12 PIN 2	YELLOW	FRONT RM OUT	LED 20	CN9 PIN 3	RED	SW BATT
LED 7	NOT USED	GREEN	NOT USED	LED 21	CN10 PIN 3	RED	PUMP INDICATOR
LED 8	NOT USED	GREEN	NOT USED	LED 22	CN10 PIN 2	RED	READY TO OPERATE
LED 9	CN11 PIN 10	GREEN	UR ROOM IN	LED 23	NOT USED	RED	NOT USED
LED 10	CN12 PIN 10	GREEN	UF ROOM IN	LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
LED 11	CN11 PIN 1	YELLOW	LR UNLOCK	LED 25	---	---	---
LED 12	CN12 PIN 1	YELLOW	LF UNLOCK	LED 26	---	---	---
LED 13	CN11 PIN 12	YELLOW	UR UNLOCK	LED 27	---	---	---
LED 14	CN12 PIN 12	YELLOW	UF UNLOCK	LED 28	CN12 PIN 11	RED	SYNC CYL PSW