

AP25801 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

AP25801 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

AP25801 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

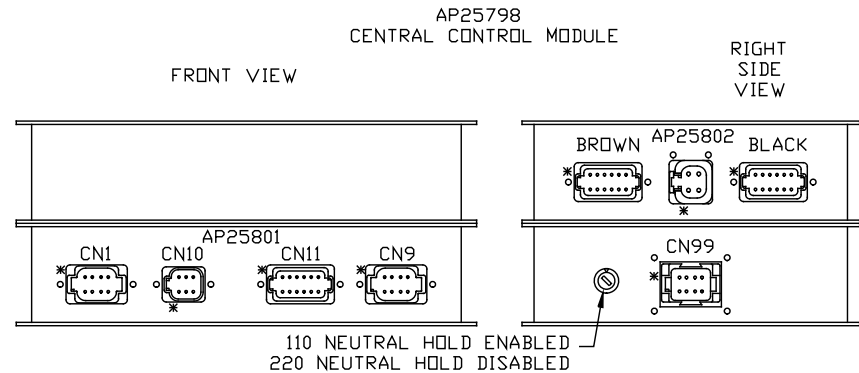
AP25801 CN9 (GREEN)
PIN
1 BLK (W8500) MASTER RELAY CONTROL
2 BLK (W8100) SYSTEM PSW
3 N/C
4 BLK (W8600) PMP RELAY CONTROL
5 BLK (W9900) SPEED SWITCH
6 BLK (W9901) PUMP MONITOR
7 N/C
8 N/C

AP25801 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

AP25802 (BROWN)
PIN
1 BLK (W5050) RM 1 CYL. EXTEND
2 BLK (W5150) RM 1 CYL. RETRACT
3 BLK (W5200) RM 1 LOCK
4 BLK (W5300) RM 1 UNLOCK
5 BLK (W5400) FLOOR UP
6 BLK (W5500) FLOOR DOWN
7 BLK (W5201) RM 2 LOCK
8 BLK (W5301) RM 2 UNLOCK
9 BLK (W5151) RM 2 CYL. RETRACT
10 BLK (W5051) RM 2 CYL. EXTEND
11 N/C
12 N/C

AP25802 (BLACK)
PIN
1 BLK (W5050) RM 3 CYL. EXTEND
2 BLK (W5150) RM 3 CYL. 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 N/C
8 N/C
9 N/C
10 N/C
11 N/C
12 N/C

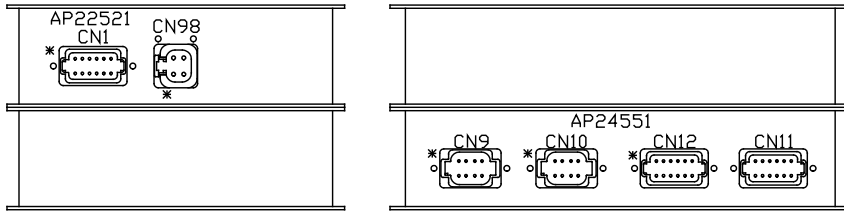
AP25802 (GRAY)
PIN
1 BLK (W6801) SW BATT
2 BLK (W6801) SW BATT
3 WHT (W6231) GROUND
4 WHT (W6231) GROUND



* DESIGNATES PIN 1 OF CONNECTORS

| | | | |
|--|------|--|------------------------------|
| | | HWH I-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760 | |
| | | SCALE 1:3 | DATE 28FEB05 |
| | | 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 MP88698A/V |

AP23320
FRONT AIR MODULE



* 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

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

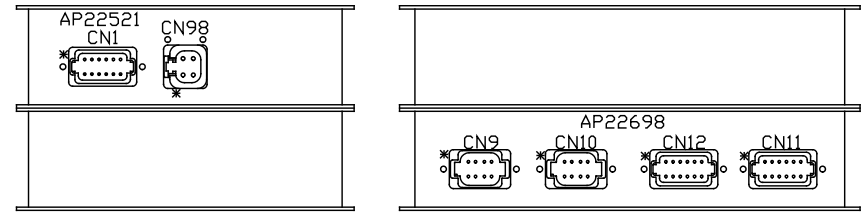
AP24551 CN12 (GRAY)
PIN

- 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

AP23321
REAR AIR MODULE



* DESIGNATES PIN 1 OF CONNECTORS

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

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

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 (DEM)
 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 (DEM)
 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 1)
 5 BLK(W7502) RETRACT (ROOM 1)
 6 RED(W6805) SW BATTERY
 7 BLK(W7696) SYSTEM WAKE UP
 8 WHT(W6230) GROUND

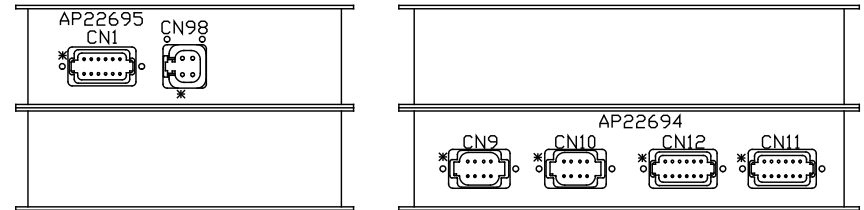
AP22694 CN12 (GRAY)

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

AP22694 CN 11 (GREEN)

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

AP23316
 ROOM 1 MODULE



* DESIGNATES PIN 1 OF CONNECTORS

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

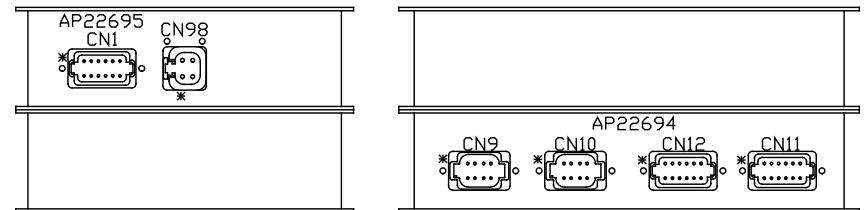
AP22694 CN9 (BLACK)
PIN
1 BLK(W7696) SYSTEM WAKE UP
2 N/C
3 RED(W6800) SW BATT
4 WHT(W6230) GROUND
5 CAN SHIELD
6 RED(W6110) IGNITION
7 GRN CAN LOW
8 YEL CAN HI

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(W7696) SYSTEM WAKE UP
8 WHT(W6230) GROUND

AP22694 CN12 (GRAY)
PIN
1 N/C
2 FRONT ROOM OUT (OEM)
3 LOWER FRONT ROOM IN (OEM)
4 N/C
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 N/C
2 REAR ROOM OUT (OEM)
3 LOWER REAR ROOM IN (OEM)
4 N/C
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)

AP23317
ROOM 2 MODULE



* DESIGNATES PIN 1 OF CONNECTORS

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 3) |
| 5 | BLK(W7502) RETRACT (ROOM 3) |
| 6 | RED(W6805) SW BATTERY |
| 7 | BLK(W7696) SYSTEM WAKE UP |
| 8 | WHT(W6230) GROUND |

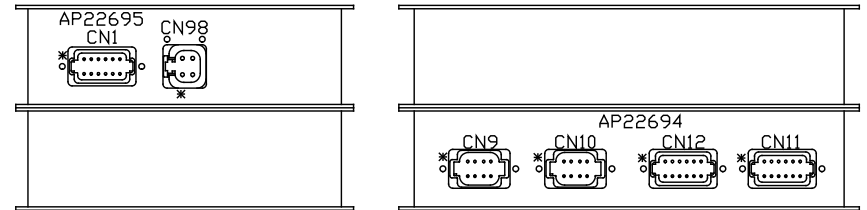
AP22694 CN12 (GRAY)

| PIN | |
|-----|---------------------------|
| 1 | N/C |
| 2 | FRONT ROOM OUT (OEM) |
| 3 | LOWER FRONT ROOM IN (OEM) |
| 4 | N/C |
| 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) |

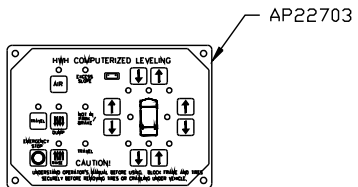
AP22694 CN 11 (GREEN)

| PIN | |
|-----|---------------------------|
| 1 | N/C |
| 2 | REAR ROOM OUT (OEM) |
| 3 | LOWER REAR ROOM IN (OEM) |
| 4 | N/C |
| 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) |

AP23318
ROOM 3 MODULE



* DESIGNATES PIN 1 OF CONNECTORS



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

TO SILVER LEAF INTERFACE.



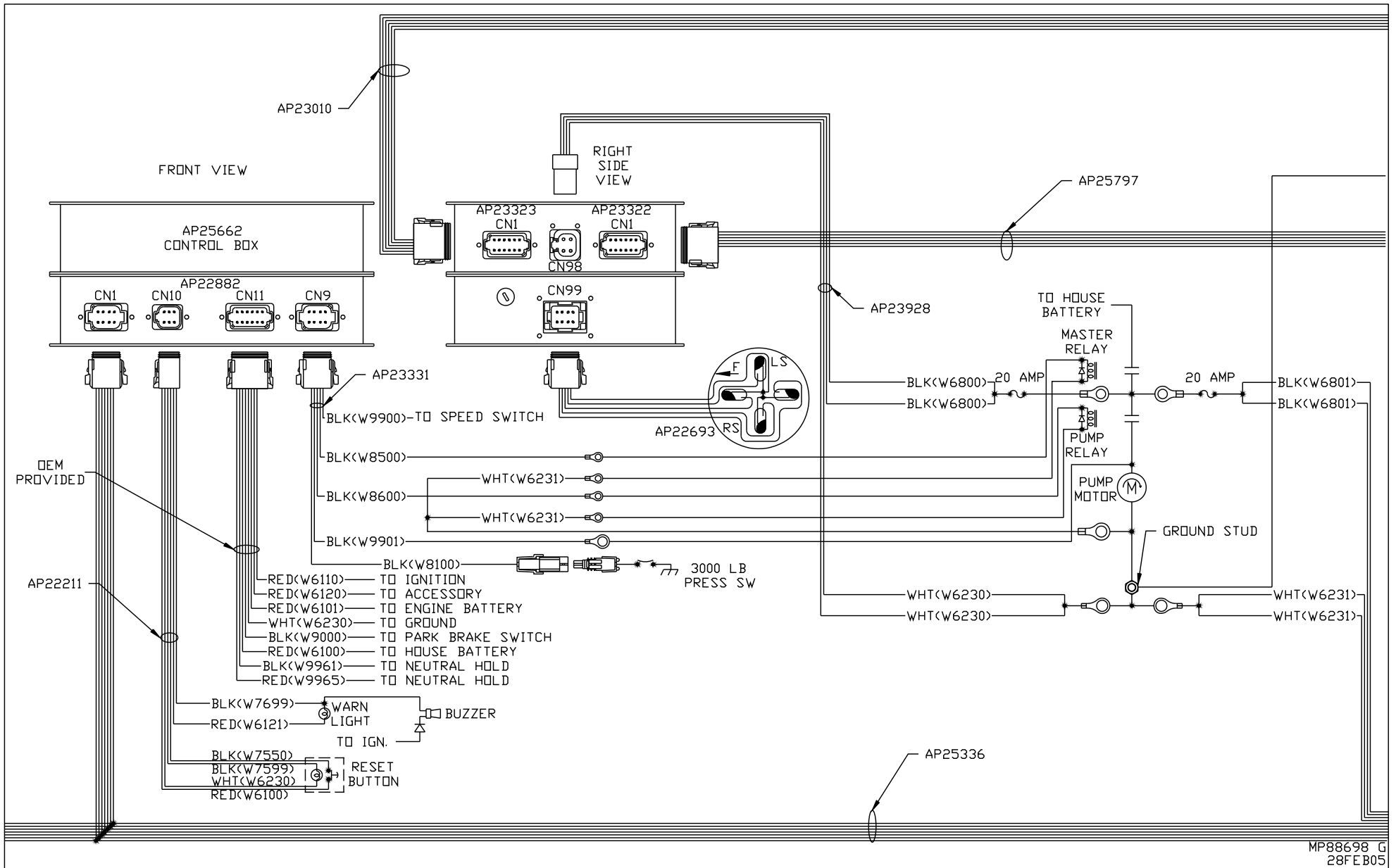
- <BLACK>
PIN
- 1 BLK(W7696) SYSTEM WAKE UP
 - 2 N/C
 - 3 RED(W6800) SW BATT
 - 4 WHT(W6230) GND
 - 5 CAN SHIELD
 - 6 RED(W6110) IGNITION
 - 7 GRN CAN LOW
 - 8 YEL CAN HI

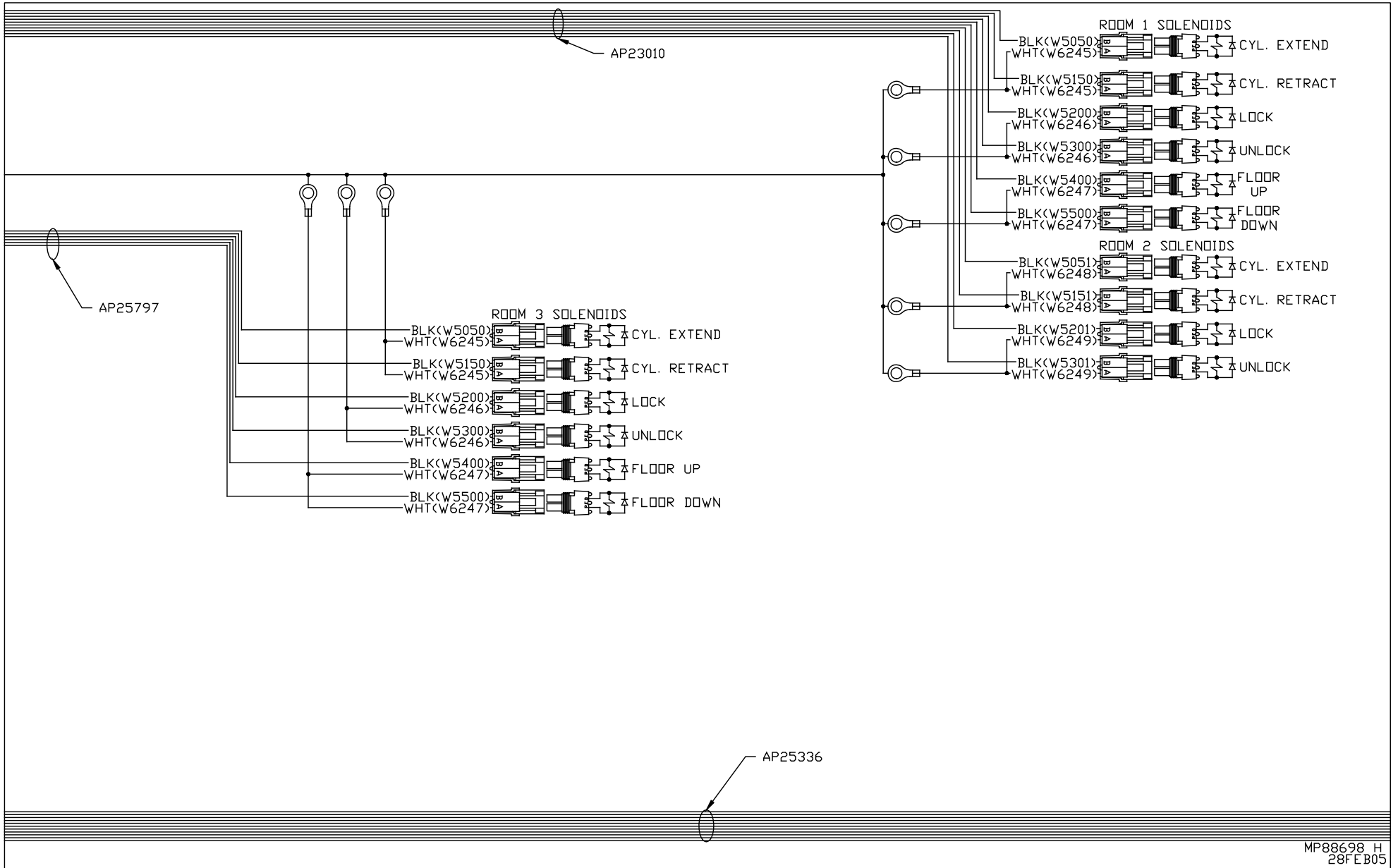
120 OHM
TERMINATION
RESISTOR
PART OF AP25336

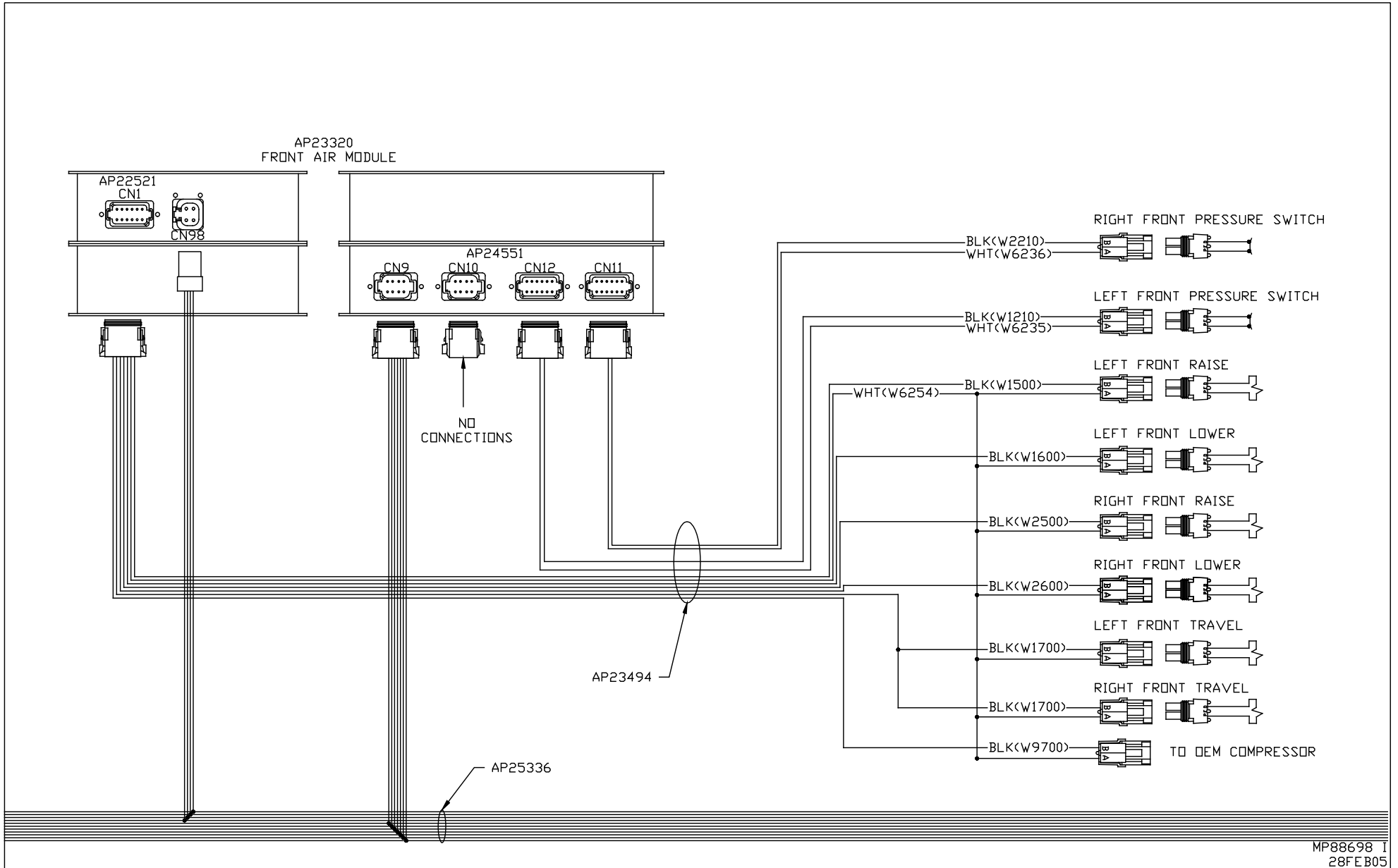


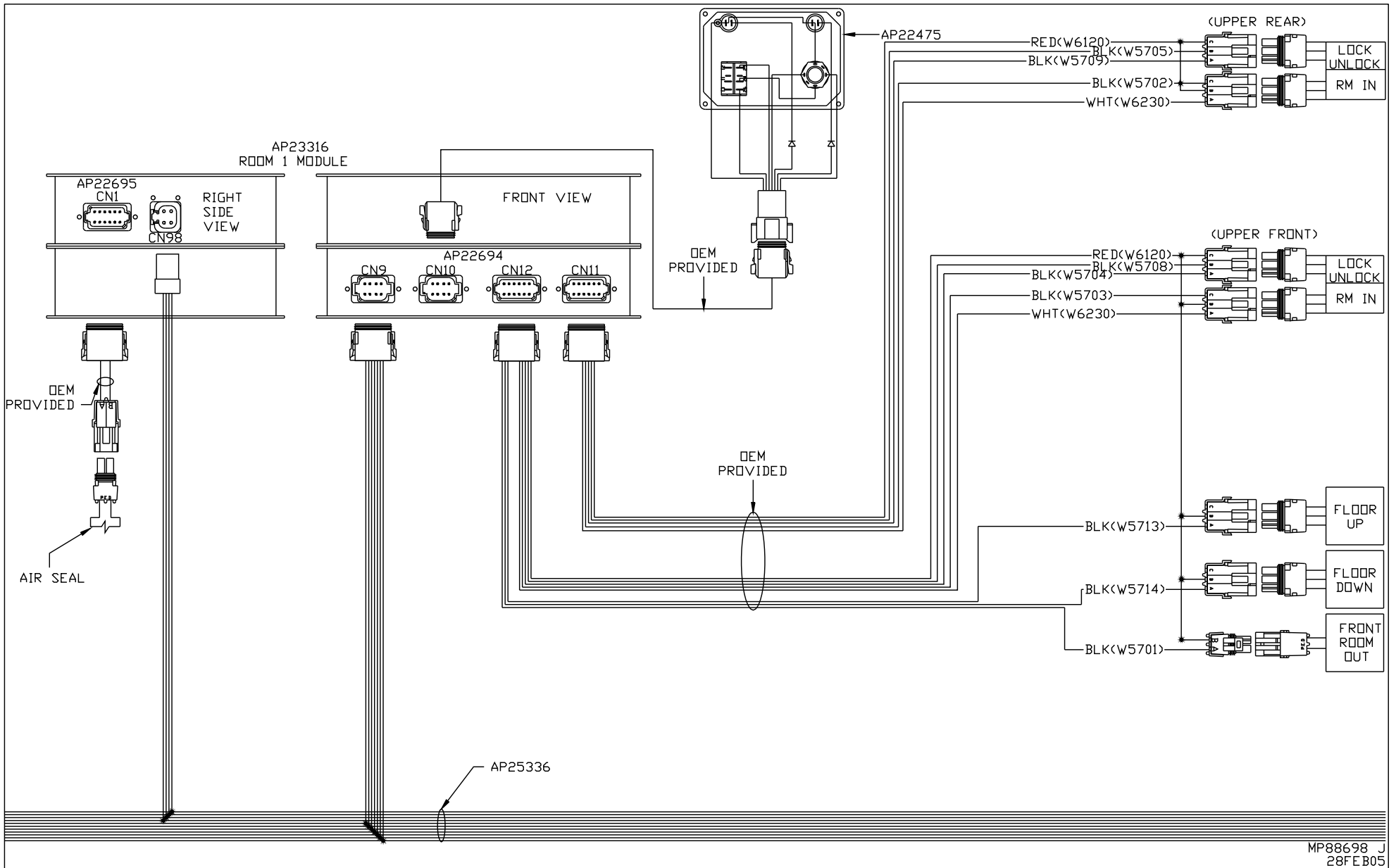
AP25336

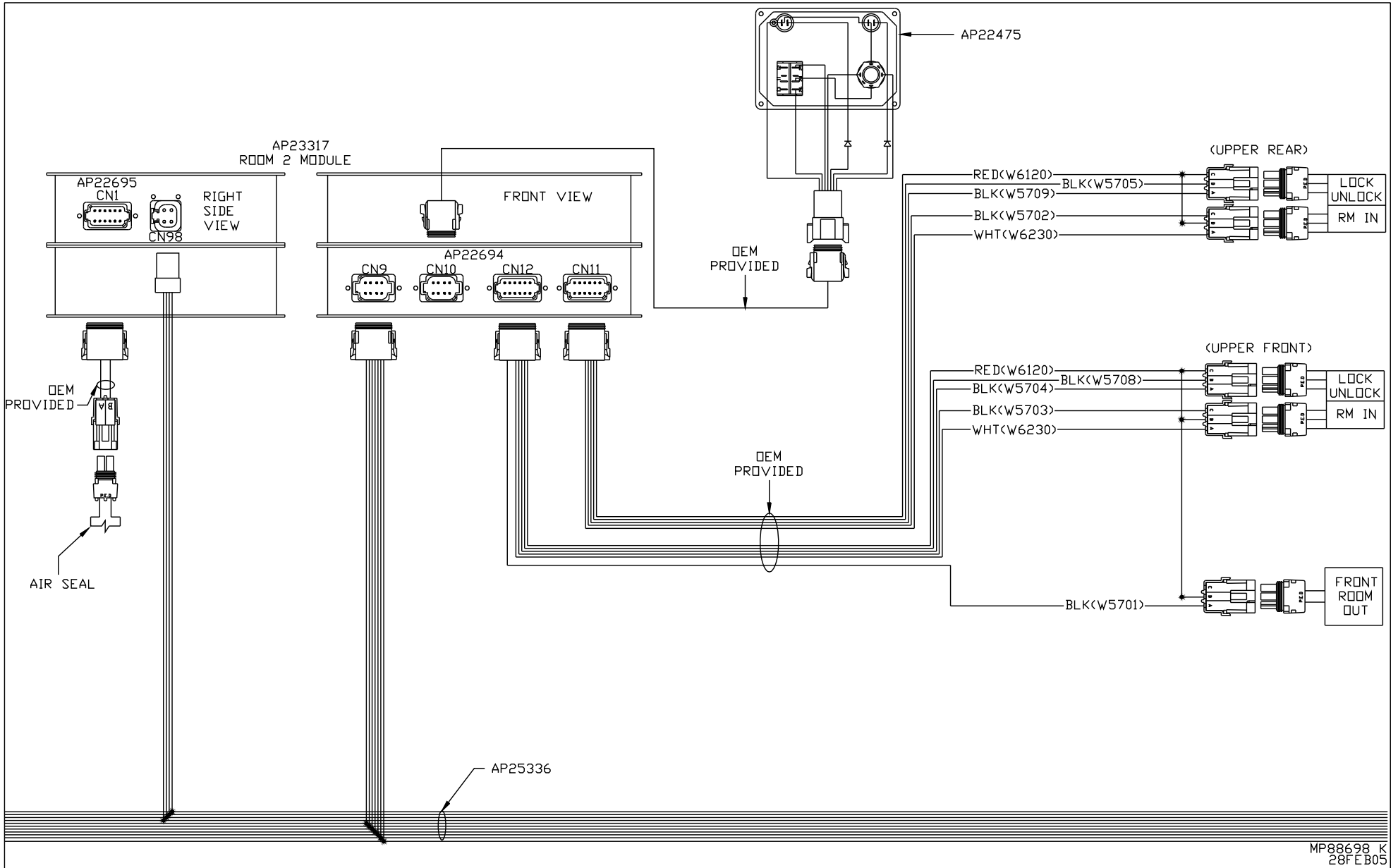


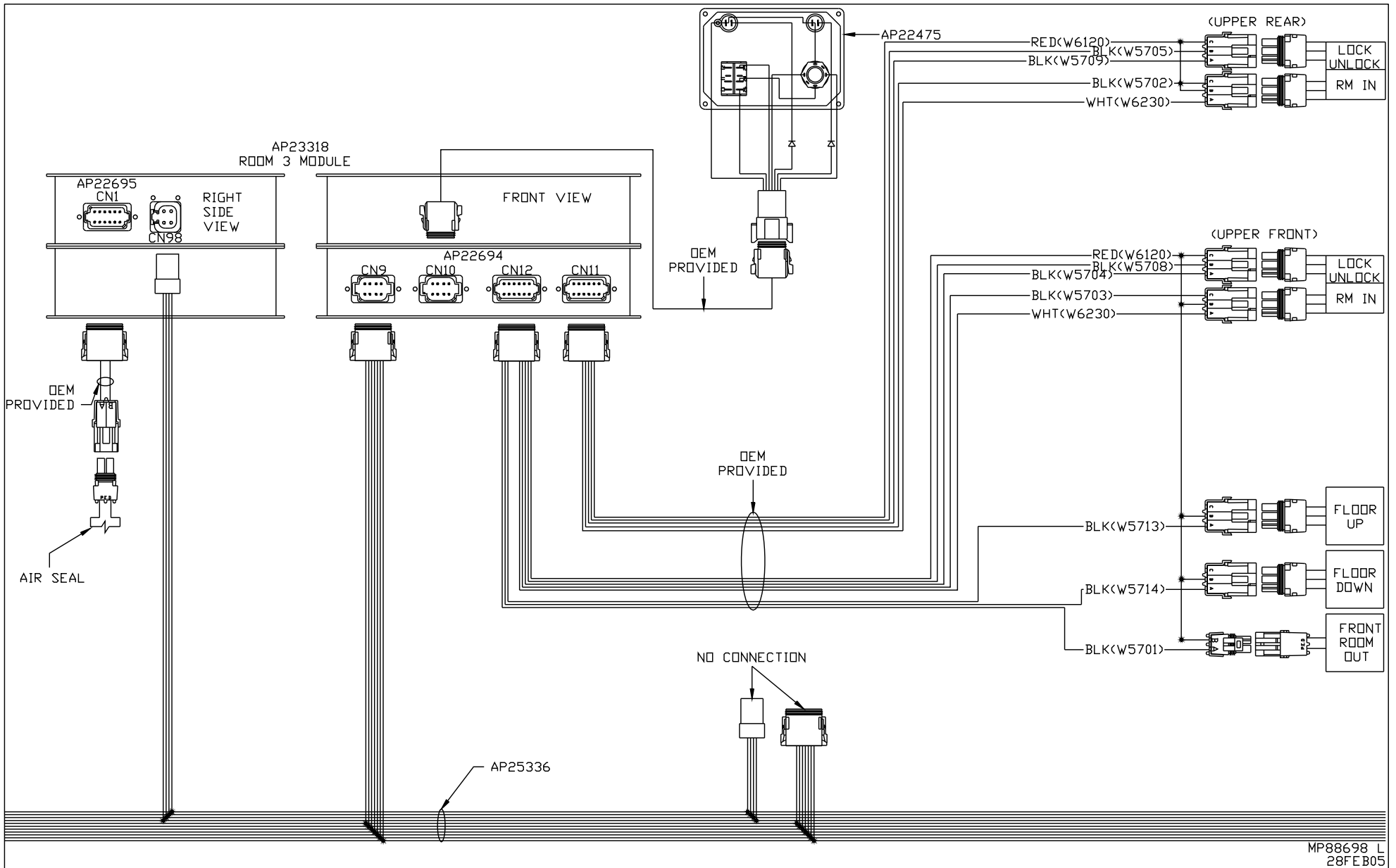


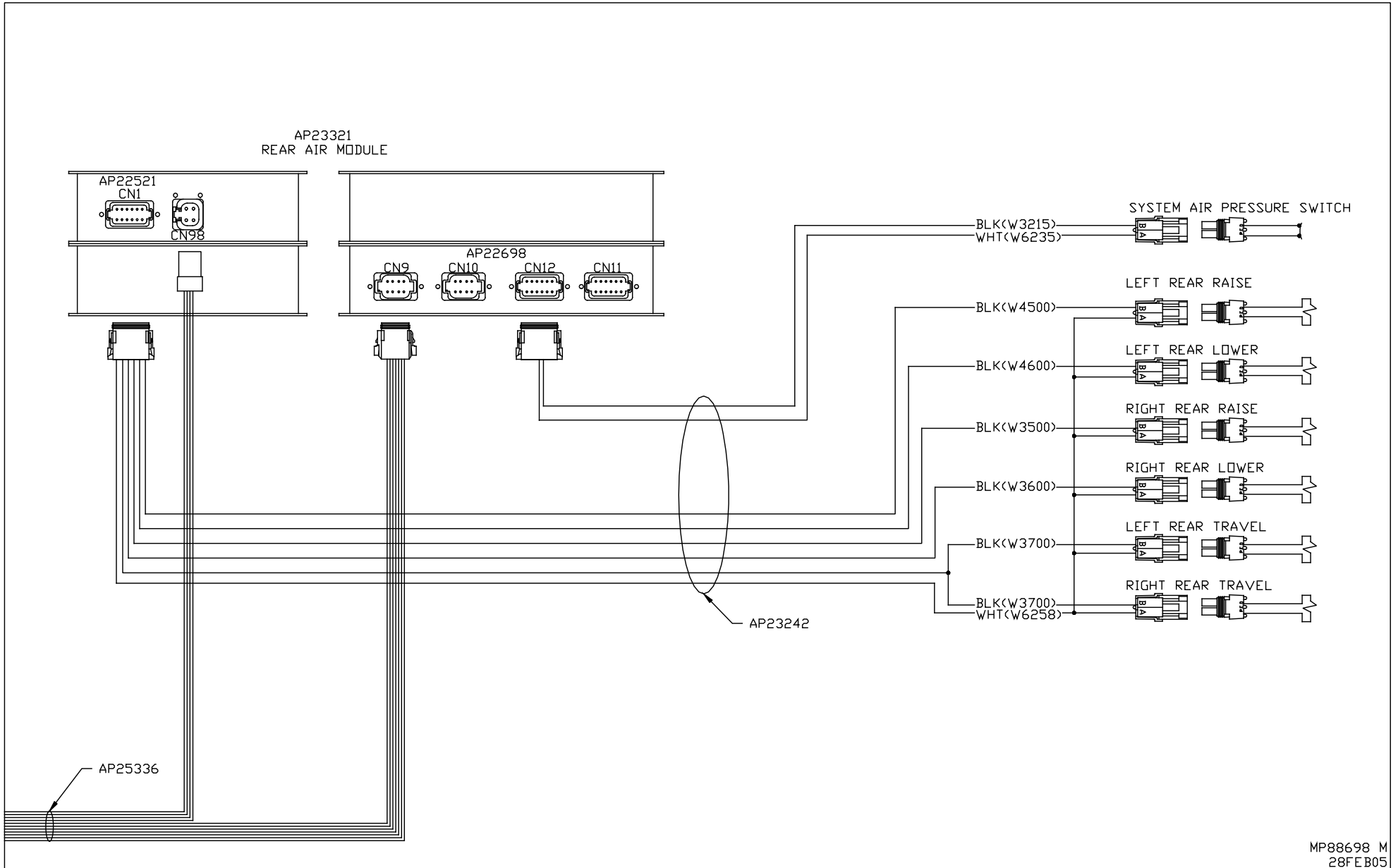


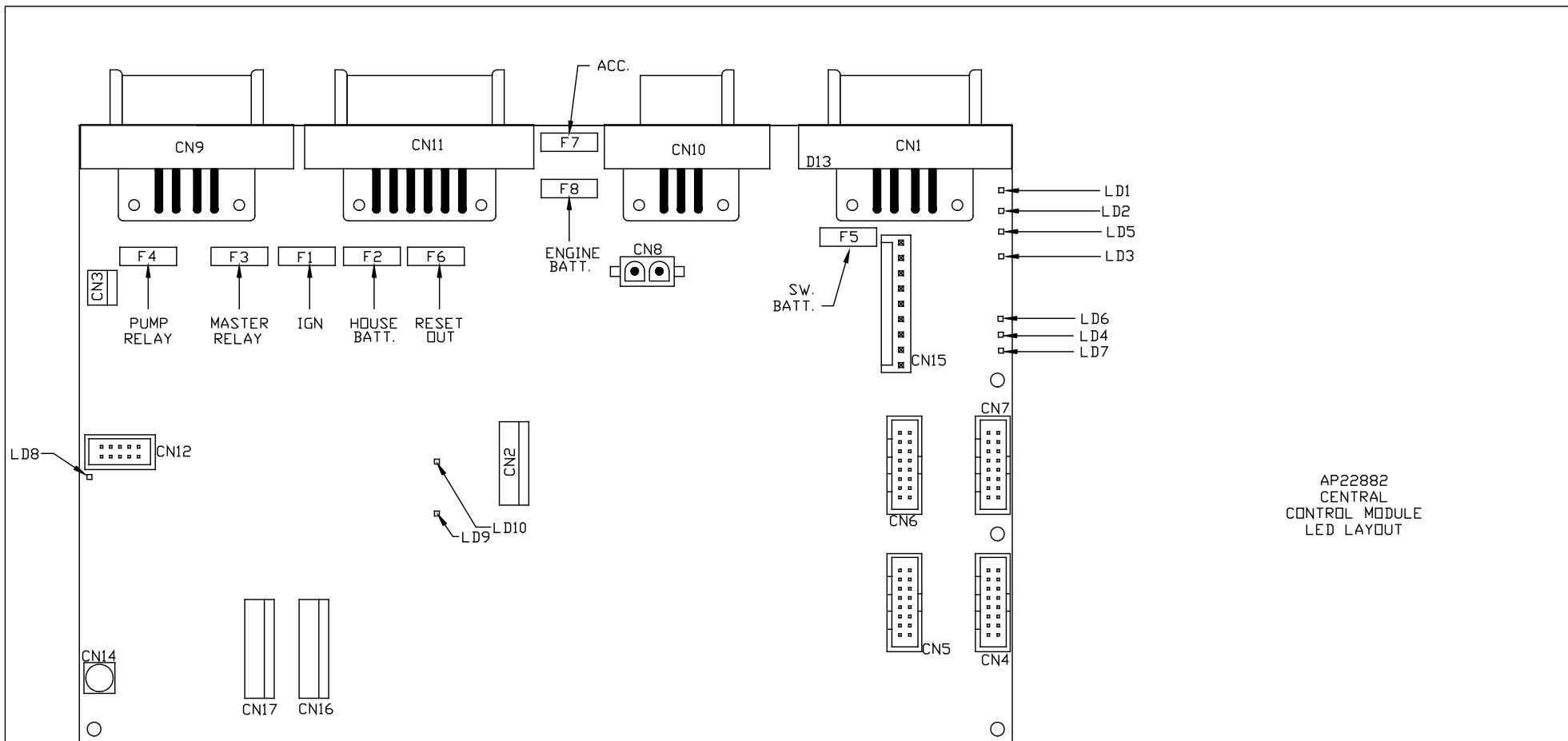






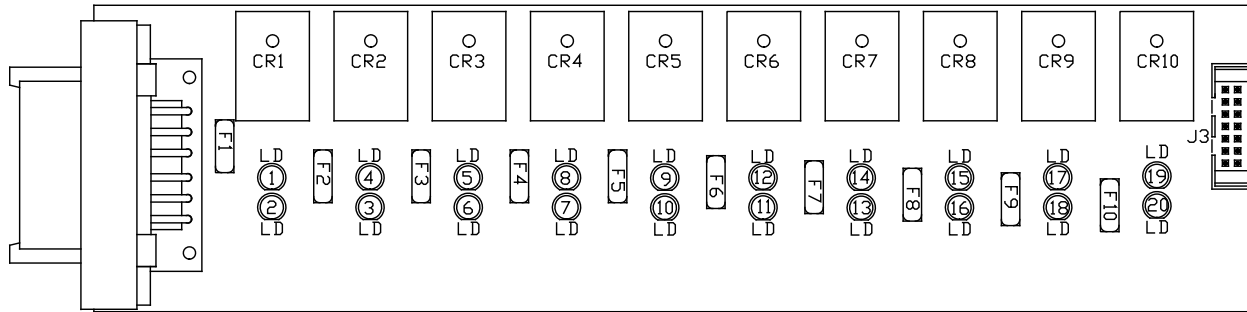






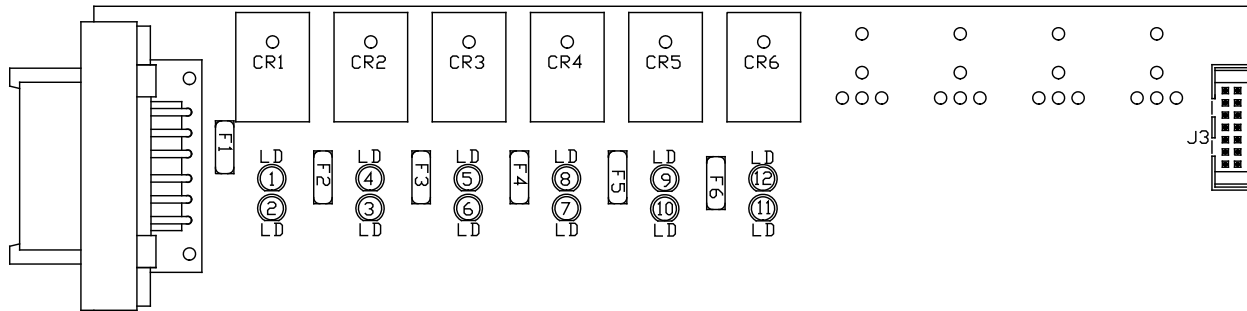
AP22882
CENTRAL
CONTROL MODULE
LED LAYOUT

| 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 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 | CN9 PIN 2 | RED | 3000 LBS. PSW |



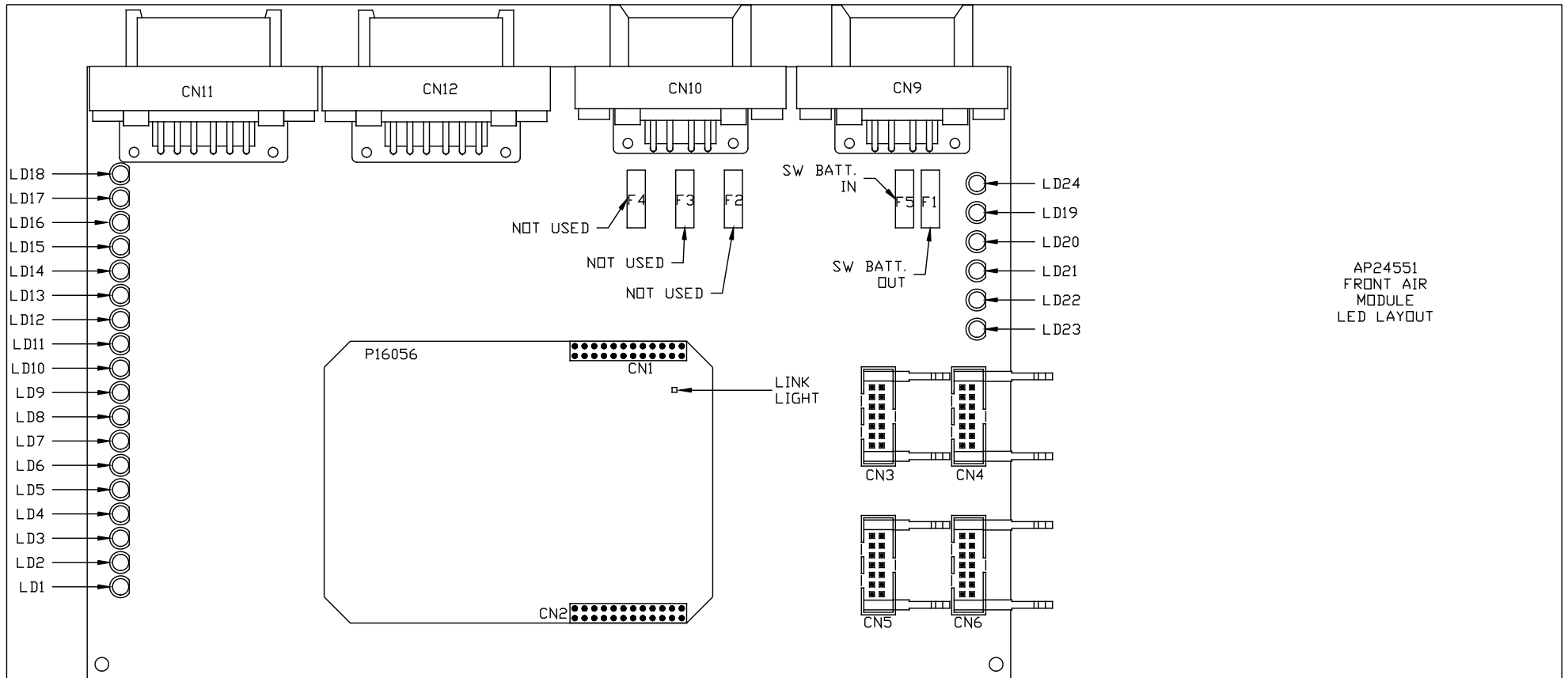
| LED # | COLOR | INPUT J3 | FUSE # | OUTPUT | RELAY # | DESCRIPTION |
|-------|--------|----------|---------|--------|---------|-----------------------------|
| LED1 | YELLOW | PIN 13 | --- | --- | CR1 | EXTEND CYL. RM 1 <COIL> |
| LED2 | RED | --- | FUSE 1 | PIN 1 | CR1 | EXTEND CYL. RM 1 <CONTACT> |
| 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> |

AP23323
ROOM 1 AND ROOM 2
LED LAYOUT



| 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 | --- | --- | --- | CR6 | RM 3 FLOOR DOWN (COIL) |
| --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- |
| --- | --- | --- | --- | --- | --- | --- |
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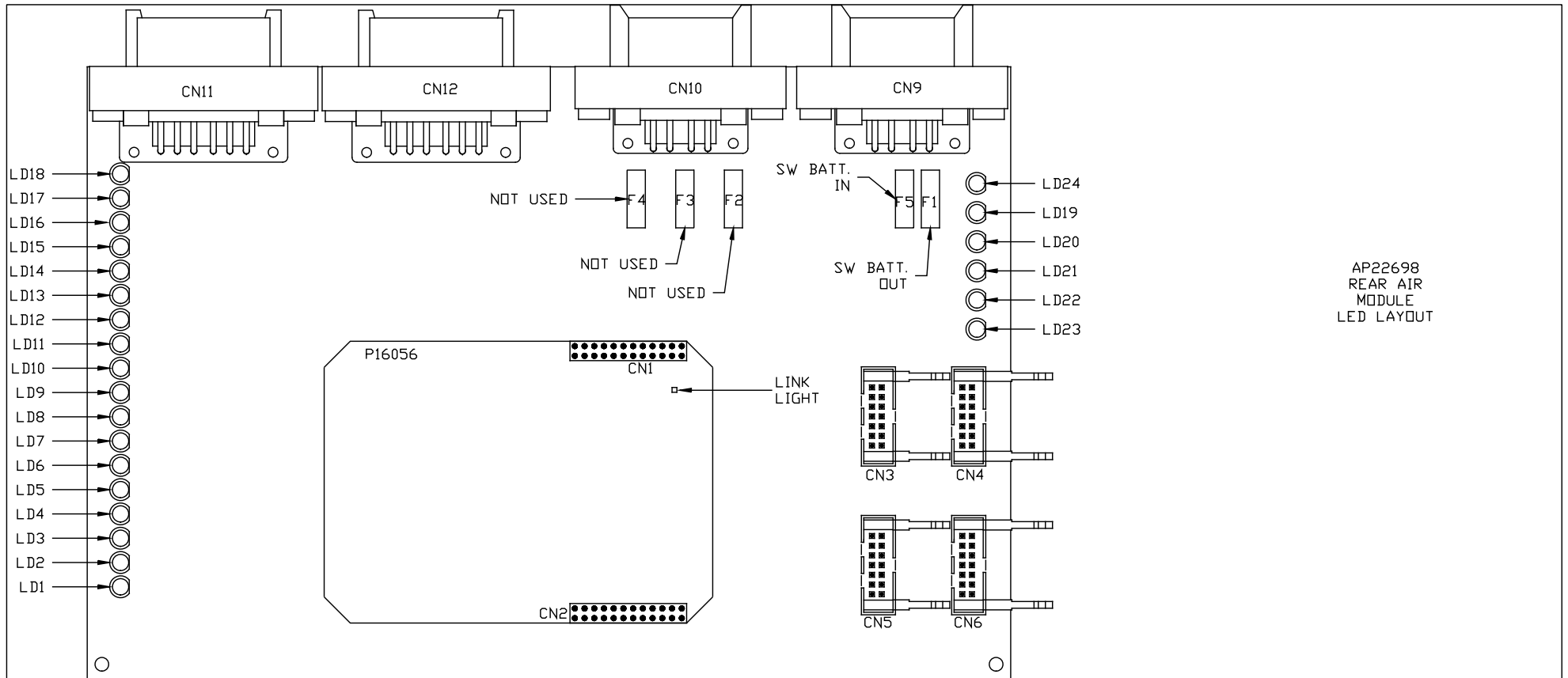
AP25800
ROOM 3
LED LAYOUT



AP24551
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 |

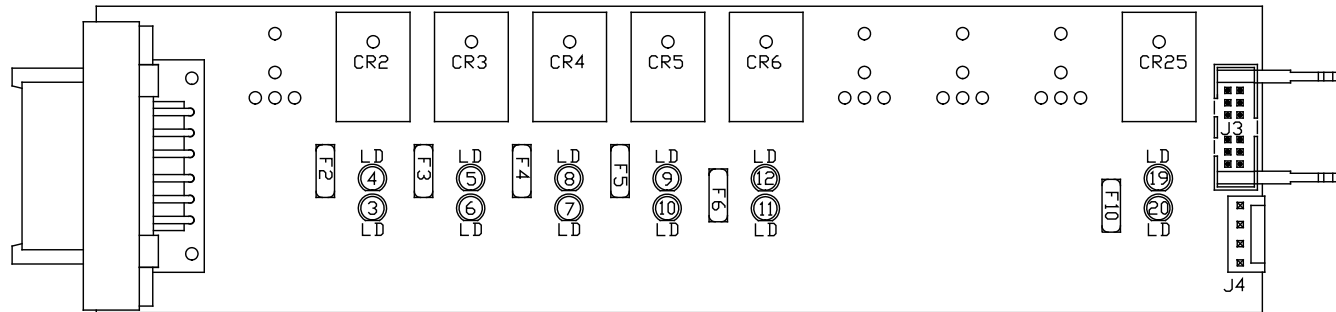
| LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-----------|-------|-------------|
| LED 15 | NOT USED | GREEN | NOT USED |
| LED 16 | NOT USED | GREEN | NOT USED |
| LED 17 | NOT USED | GREEN | NOT USED |
| LED 18 | NOT USED | GREEN | NOT USED |
| LED 19 | NOT USED | RED | SW BATT OUT |
| LED 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 | --- | --- | --- |



AP22698
REAR AIR
MODULE
LED LAYOUT

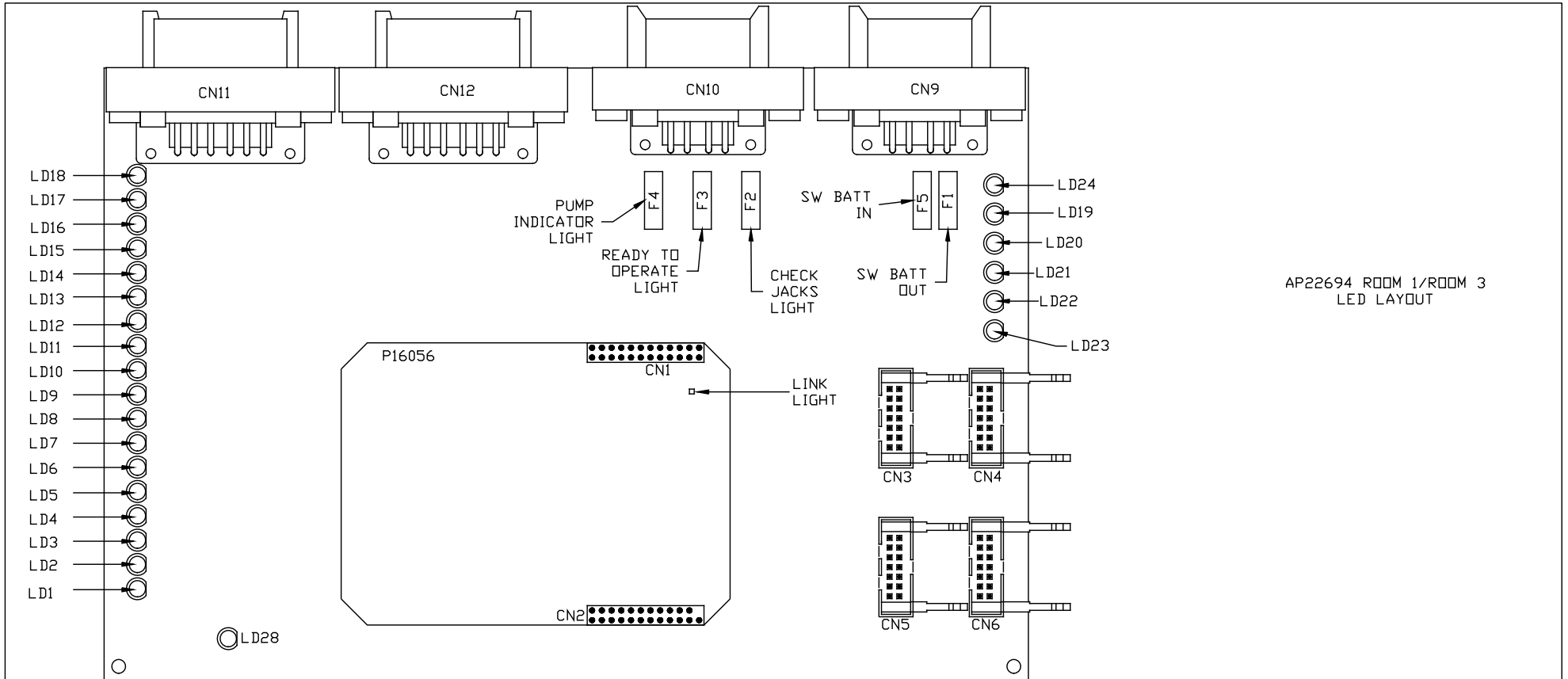
| LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-------------|--------|-----------------|
| LED 1 | NOT USED | RED | NOT USED |
| LED 2 | NOT USED | RED | NOT USED |
| LED 3 | NOT USED | GREEN | NOT USED |
| LED 4 | NOT USED | YELLOW | NOT USED |
| LED 5 | NOT USED | YELLOW | NOT USED |
| LED 6 | 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 | --- | --- | --- |



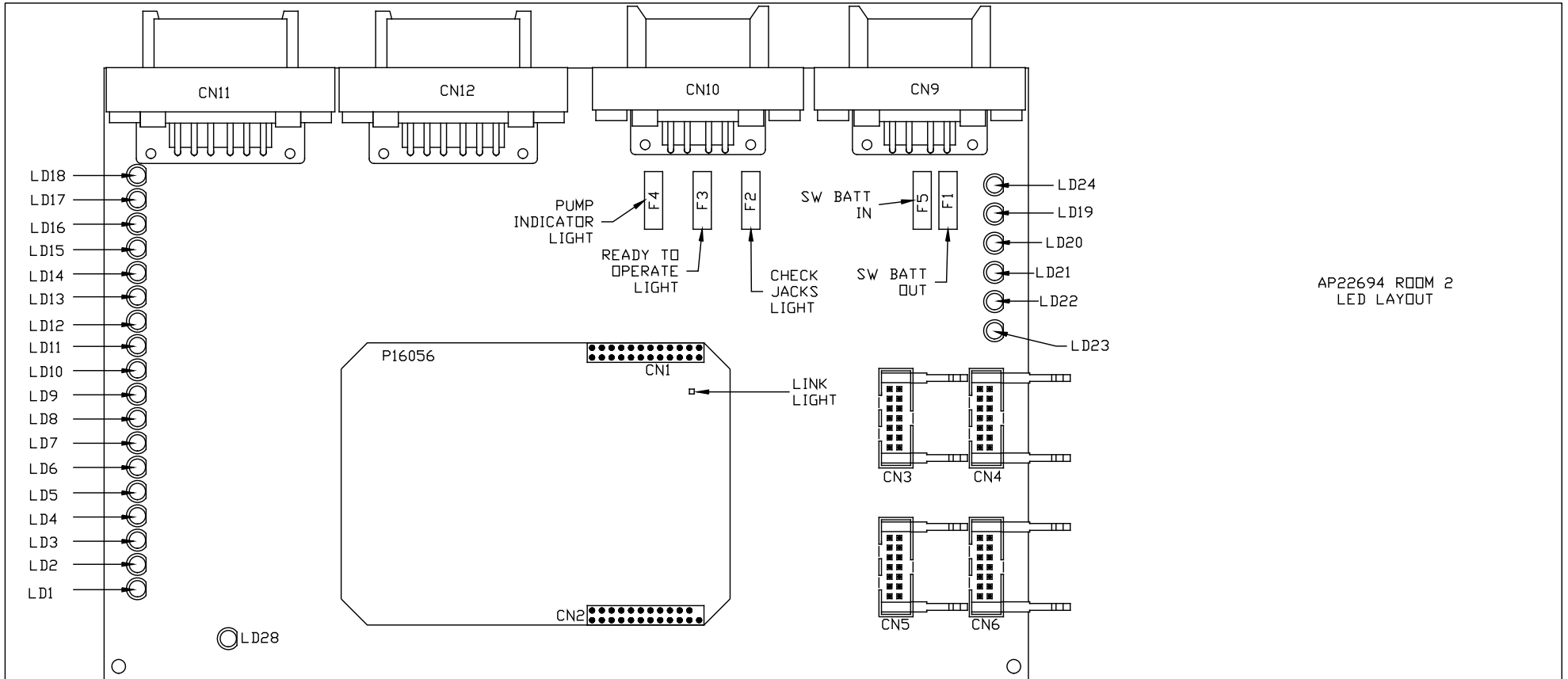
AP22521
FRONT & REAR
AIR
LED LAYOUT

| LED # | COLOR | INPUT J3 | FUSE # | OUTPUT | RELAY # | DESCRIPTION |
|-------|--------|----------|---------|--------|---------|-----------------------|
| LED1 | --- | --- | --- | --- | --- | --- |
| LED2 | --- | --- | --- | --- | --- | --- |
| 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) |
| LED13 | --- | --- | --- | --- | --- | --- |
| LED14 | --- | --- | --- | --- | --- | --- |
| LED15 | --- | --- | --- | --- | --- | --- |
| LED16 | --- | --- | --- | --- | --- | --- |
| LED17 | --- | --- | --- | --- | --- | --- |
| LED18 | --- | --- | --- | --- | --- | --- |
| LED19 | YELLOW | PIN 4 | --- | --- | CR25 | TRAVEL (COIL) |
| LED20 | RED | --- | FUSE 10 | PIN 8 | CR25 | TRAVEL (CONTACT) |



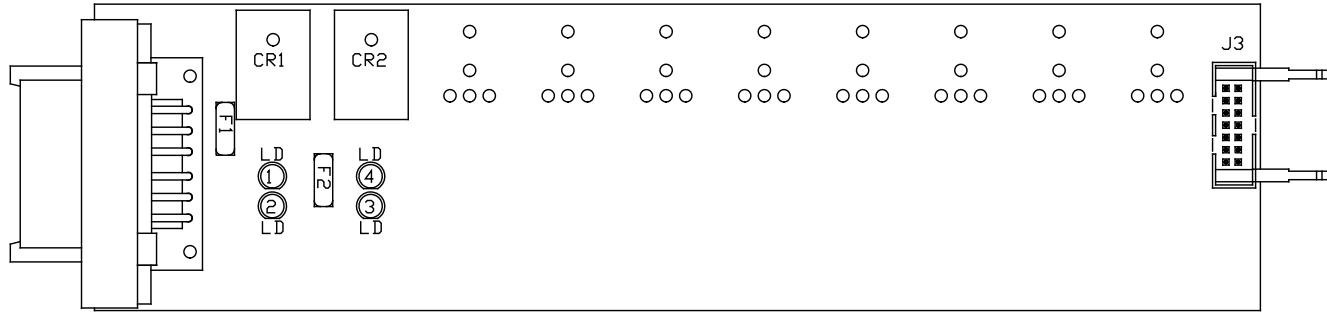
AP22694 ROOM 1/ROOM 3
LED LAYOUT

| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|--------------|--------|--------------|--------|-----------------|-------|------------------|
| LED 1 | NOT USED | RED | NOT USED | LED 15 | CN 11 PIN 4 | GREEN | LR LOCK |
| LED 2 | NOT USED | RED | NOT USED | LED 16 | CN 12 PIN 4 | GREEN | LF LOCK |
| LED 3 | CN12 PIN 8 | GREEN | FLOOR UP | LED 17 | CN 11 PIN 9 | GREEN | UR LOCK |
| LED 4 | CN12 PIN 5 | YELLOW | FLOOR DOWN | LED 18 | CN 12 PIN 9 | GREEN | UF LOCK |
| LED 5 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | SW 12V |
| LED 6 | CN 12 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 | CN 11 PIN 10 | GREEN | UR ROOM IN | LED 23 | NOT USED | RED | NOT USED |
| LED 10 | CN 12 PIN 10 | GREEN | UF ROOM IN | LED 24 | CN 10 PIN 7 | RED | SYSTEM WAKE UP |
| LED 11 | CN 11 PIN 1 | YELLOW | LR UNLOCK | LED 25 | --- | --- | --- |
| LED 12 | CN 12 PIN 1 | YELLOW | LF UNLOCK | LED 26 | --- | --- | --- |
| LED 13 | CN11 PIN 12 | YELLOW | UR UNLOCK | LED 27 | --- | --- | --- |
| LED 14 | CN 12 PIN 12 | YELLOW | UF UNLOCK | LED 28 | NOT USED | RED | NOT USED |



AP22694 ROOM 2
LED LAYOUT

| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|--------------|--------|--------------|--------|-----------------|-------|------------------|
| LED 1 | NOT USED | RED | NOT USED | LED 15 | CN 11 PIN 4 | GREEN | LR LOCK |
| LED 2 | NOT USED | RED | NOT USED | LED 16 | CN 12 PIN 4 | GREEN | LF LOCK |
| LED 3 | NOT USED | GREEN | NOT USED | LED 17 | CN 11 PIN 9 | GREEN | UR LOCK |
| LED 4 | NOT USED | YELLOW | NOT USED | LED 18 | CN 12 PIN 9 | GREEN | UF LOCK |
| LED 5 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | SW 12V |
| LED 6 | CN 12 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 | CN 11 PIN 10 | GREEN | UR ROOM IN | LED 23 | NOT USED | RED | NOT USED |
| LED 10 | CN 12 PIN 10 | GREEN | UF ROOM IN | LED 24 | CN 10 PIN 7 | RED | SYSTEM WAKE UP |
| LED 11 | CN 11 PIN 1 | YELLOW | LR UNLOCK | LED 25 | --- | --- | --- |
| LED 12 | CN 12 PIN 1 | YELLOW | LF UNLOCK | LED 26 | --- | --- | --- |
| LED 13 | CN11 PIN 12 | YELLOW | UR UNLOCK | LED 27 | --- | --- | --- |
| LED 14 | CN 12 PIN 12 | YELLOW | UF UNLOCK | LED 28 | NOT USED | RED | NOT USED |



| 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) |
| LED5 | --- | --- | --- | --- | --- | --- |
| LED6 | --- | --- | --- | --- | --- | --- |
| LED7 | --- | --- | --- | --- | --- | --- |
| LED8 | --- | --- | --- | --- | --- | --- |
| LED9 | --- | --- | --- | --- | --- | --- |
| LED10 | --- | --- | --- | --- | --- | --- |
| LED11 | --- | --- | --- | --- | --- | --- |
| LED12 | --- | --- | --- | --- | --- | --- |
| LED13 | --- | --- | --- | --- | --- | --- |
| LED14 | --- | --- | --- | --- | --- | --- |
| LED15 | --- | --- | --- | --- | --- | --- |
| LED16 | --- | --- | --- | --- | --- | --- |
| LED17 | --- | --- | --- | --- | --- | --- |
| LED18 | --- | --- | --- | --- | --- | --- |
| LED19 | --- | --- | --- | --- | --- | --- |
| LED20 | --- | --- | --- | --- | --- | --- |

AP22695
AIR SEAL/VACUUM OUTPUTS
LED LAYOUT