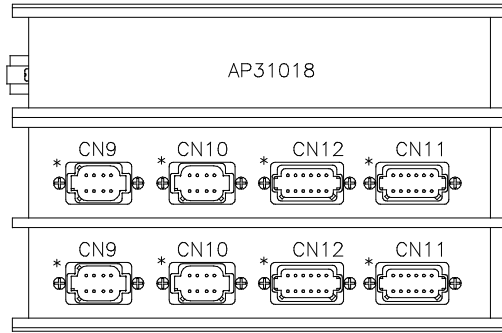
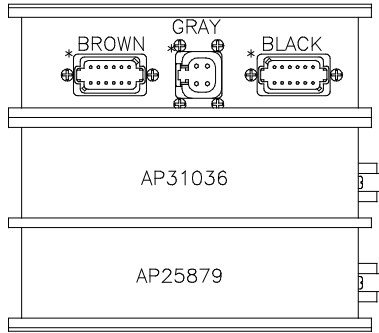


AP31006 FRONT AIR MODULE



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
- 2 BLK(W5600) 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

* DESIGNATES PIN 1 OF CONNECTORS

AP31036 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

AP31036 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

AP31036 CN12(GRAY)

- PIN
- 1 N/C
 - 2 N/C
 - 3 N/C
 - 4 N/C
 - 5 N/C
 - 6 WHT(W6236) GROUND
 - 7 BLK(W6800) SW. BATTERY
 - 8 N/C
 - 9 N/C
 - 10 BLK(W2210) RIGHT FRONT PSW
 - 11 BLK(W7521) TAG DUMP SWITCH
 - 12 N/C

AP31036 CN11(GREEN)

- 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(W1210) LEFT FRONT PSW
 - 11 N/C
 - 12 N/C

AP25879 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

AP25879 CN10(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

AP25879 CN12(GRAY)

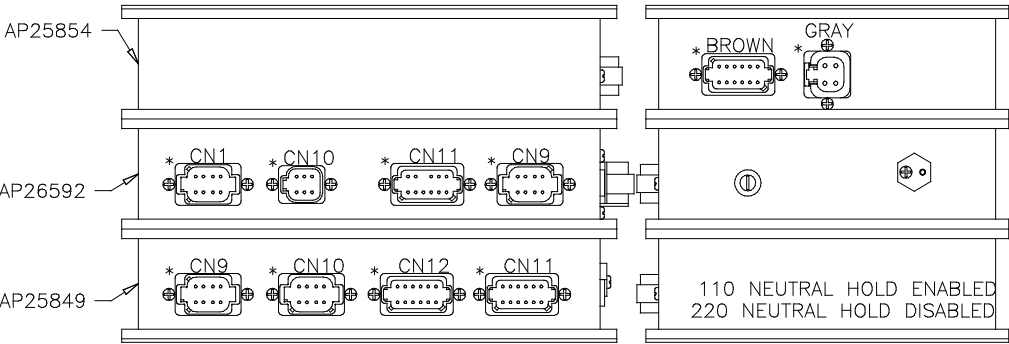
- PIN
- 1 N/C
 - 2 BLK(W5701) FRONT ROOM OUT
 - 3 N/C
 - 4 N/C
 - 5 N/C
 - 6 WHT(W6230) GROUND
 - 7 RED(W6121) SW BATTERY
 - 8 N/C
 - 9 N/C
 - 10 BLK(W5703) UPPER FRONT ROOM IN
 - 11 BLK(W7695) SYNC PSW (NOT USED)
 - 12 N/C

AP25879 CN 11 (GREEN)

- PIN
- 1 N/C
 - 2 N/C
 - 3 N/C
 - 4 N/C
 - 5 N/C
 - 6 WHT(W6231) GROUND
 - 7 N/C
 - 8 BLK(W5651) VACUUM SENSE ROOM 1
 - 9 N/C
 - 10 N/C
 - 11 N/C
 - 12 N/C

| | | | |
|--|------|--|--------------|
| | | HWH I-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760 | |
| | | SCALE 1:3 | DATE 03JUN03 |
| | | 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 MP89080 A/T | |

AP31005
CENTRAL CONTROL/ROOM 1
MODULES



- AP25854 (BROWN)
PIN
- 1 BLK(W5050) CYLINDER EXTEND 1
 - 2 BLK(W5150) CYLINDER RETRACT 1
 - 3 N/C
 - 4 N/C
 - 5 BLK(W5051) CYLINDER EXTEND 2
 - 6 BLK(W5151) CYLINDER RETRACT 2
 - 7 BLK(W5600) AIR SEAL
 - 8 BLK(W5650) VACUUM
 - 9 BLK(W5301) UNLOCK ROOM 2
 - 10 BLK(W5201) LOCK ROOM 2
 - 11 WHT(W6230) GROUND
 - 12 N/C

- AP25854 (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

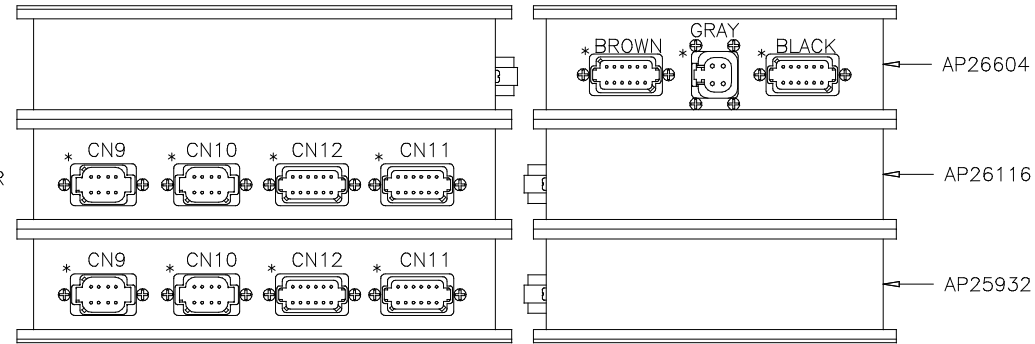
- AP25849 CN9(BLACK)
PIN
- 1 WHT(W7696) SYSTEM WAKE UP
 - 2 N/C
 - 3 RED(W6800) SW BATTERY
 - 4 GRN(W6230) GROUND
 - 5 CAN SHIELD
 - 6 RED(W6110) IGNITION
 - 7 GRN CAN LOW
 - 8 YEL CAN HI

- AP25849 CN10(GRAY)
PIN
- 1 N/C
 - 2 WHT(W7510) READY TO OPERATE
 - 3 WHT(W7530) PUMP
 - 4 WHT(W7501) EXTEND (ROOM 1)
 - 5 WHT(W7502) RETRACT (ROOM 1)
 - 6 RED(W6805) SW BATTERY
 - 7 WHT(W7696) SYSTEM WAKE UP
 - 8 GRN(W6230) GROUND

- AP25849 CN12(GRAY)
PIN
- 1 N/C
 - 2 BLK(W5701) FRONT ROOM OUT
 - 3 N/C
 - 4 N/C
 - 5 N/C
 - 6 WHT(W6230) GROUND
 - 7 RED(W6121) SW BATTERY
 - 8 N/C
 - 9 N/C
 - 10 BLK(W5703) UPPER FRONT ROOM IN
 - 11 BLK(W7695) SYNC PSW (NOT USED)
 - 12 N/C

- AP25849 CN 11 (GREEN)
PIN
- 1 N/C
 - 2 N/C
 - 3 N/C
 - 4 N/C
 - 5 N/C
 - 6 WHT(W6231) GROUND
 - 7 N/C
 - 8 BLK(W5651) VACUUM SENSE ROOM 1
 - 9 N/C
 - 10 N/C
 - 11 N/C
 - 12 N/C

AP26603
REAR AIR/ROOM 2
MODULE



AP26604 (BROWN)
PIN
1 BLK(W5650) VACUUM
2 BLK(W5600) 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

AP26604 (GRAY)
PIN
1 RED (W6800) SW BATT
2 RED (W6800) SW BATT
3 GRN (W6230) GND
4 GRN (W6230) GND

AP26604 (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

AP26116 CN9(BLACK)
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

AP26116 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

AP26116 CN12(GRAY)
PIN
1 BLK(W4211) LEFT REAR TAG PRESS SW.
2 BLK(W3211) RIGHT REAR TAG PRESS SW.
3 BLK (W3215) SYSTEM PRESS SW.
4 N/C
5 N/C
6 WHT (W6231) GROUND
7 N/C
8 N/C
9 N/C
10 N/C
11 N/C
12 N/C

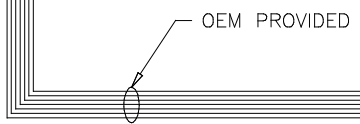
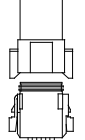
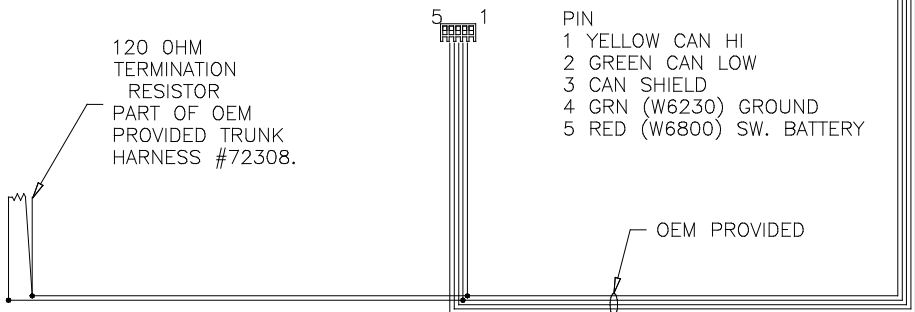
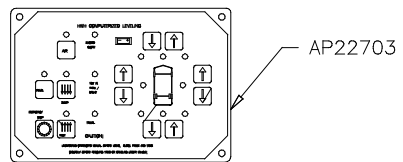
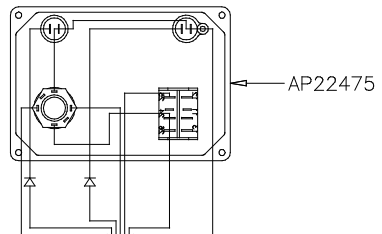
AP26116 CN11(GREEN)
PIN
1 N/C
2 BLK(W4210) LEFT REAR PRESS SW.
3 BLK(W3210) RIGHT REAR PRESS SW.
4 N/C
5 N/C
6 WHT(W6232) GROUND
7 N/C
8 N/C
9 N/C
10 N/C
11 N/C
12 N/C

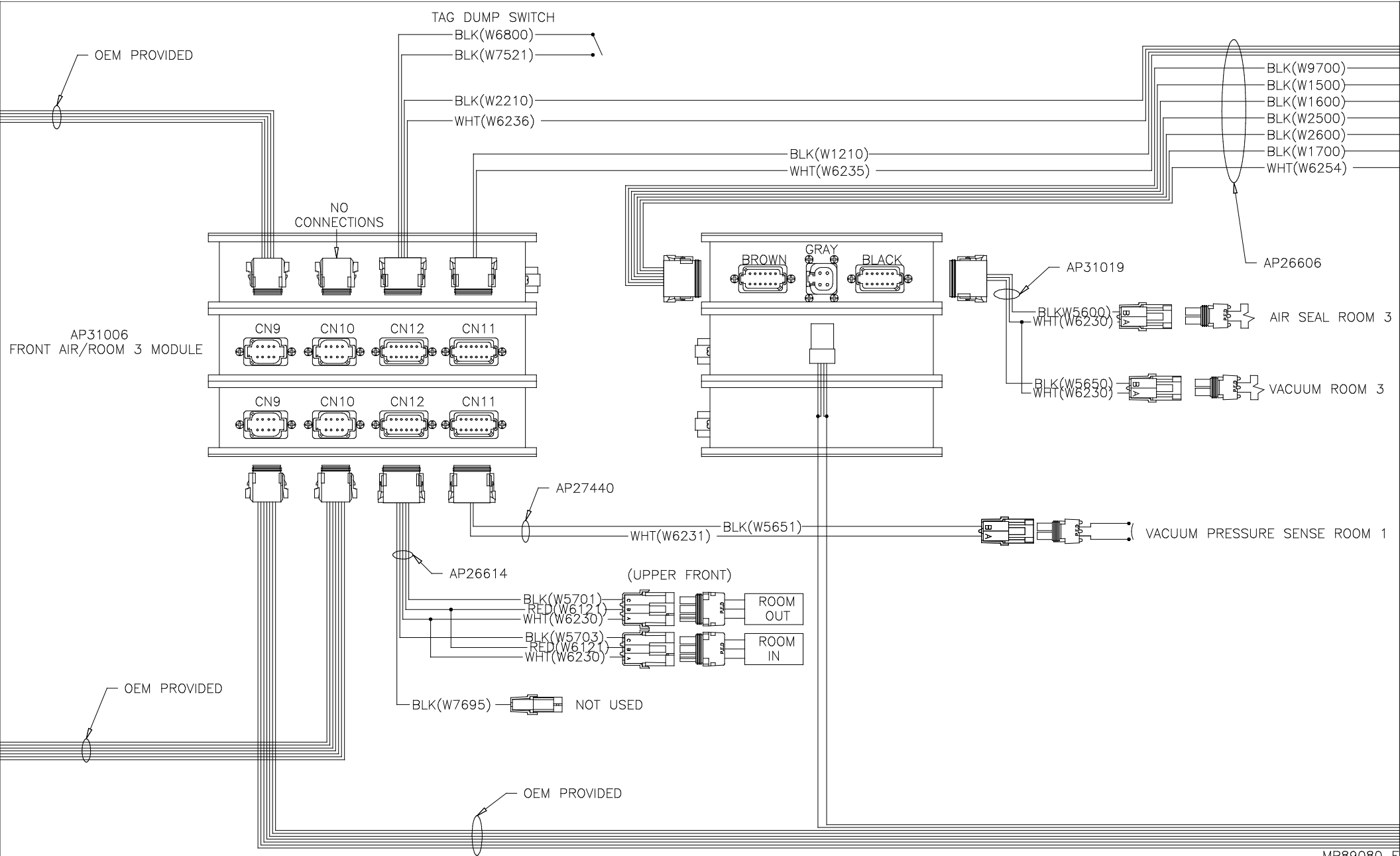
AP25932 CN9(BLACK)
PIN
1 WHT(W7696) SYSTEM WAKE UP
2 N/C
3 RED(W6800) SW BATTERY
4 GRN(W6230) GROUND
5 CAN SHIELD
6 RED(W6110) IGNITION
7 GRN CAN LOW
8 YEL CAN HI

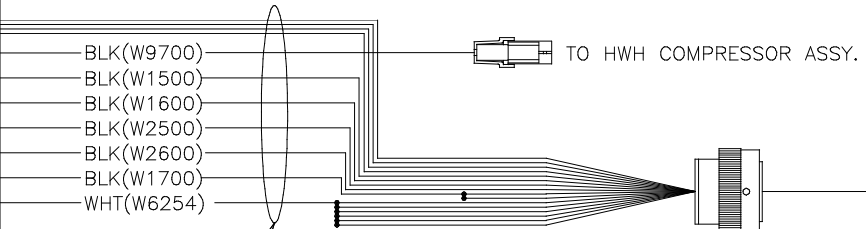
AP25932 CN10(GRAY)
PIN
1 N/C
2 WHT(W7510) READY TO OPERATE
3 WHT(W7530) PUMP
4 WHT(W7501) EXTEND (ROOM 2)
5 WHT(W7502) RETRACT (ROOM 2)
6 RED(W6805) SW BATTERY
7 WHT(W7696) SYSTEM WAKE UP
8 GRN(W6230) GROUND

AP25932 CN12(GRAY)
PIN
1 BLK(W5706) LOWER FRONT UNLOCK
2 BLK(W5701) FRONT ROOM OUT
3 N/C
4 BLK(W5710) LOWER FRONT LOCK
5 N/C
6 WHT(W6230) GROUND
7 RED(W6121) SW BATTERY
8 N/C
9 BLK(W5708) UPPER FRONT LOCK
10 BLK(W5703) UPPER FRONT ROOM IN
11 N/C
12 BLK(W5704) UPPER FRONT UNLOCK

AP25932 CN 11(GREEN)
PIN
1 N/C
2 N/C
3 N/C
4 N/C
5 N/C
6 WHT(W6231) GROUND
7 N/C
8 BLK(W5651) VACUUM SENSE ROOM 2
9 N/C
10 N/C
11 N/C
12 N/C



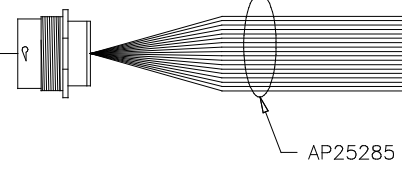




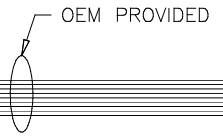
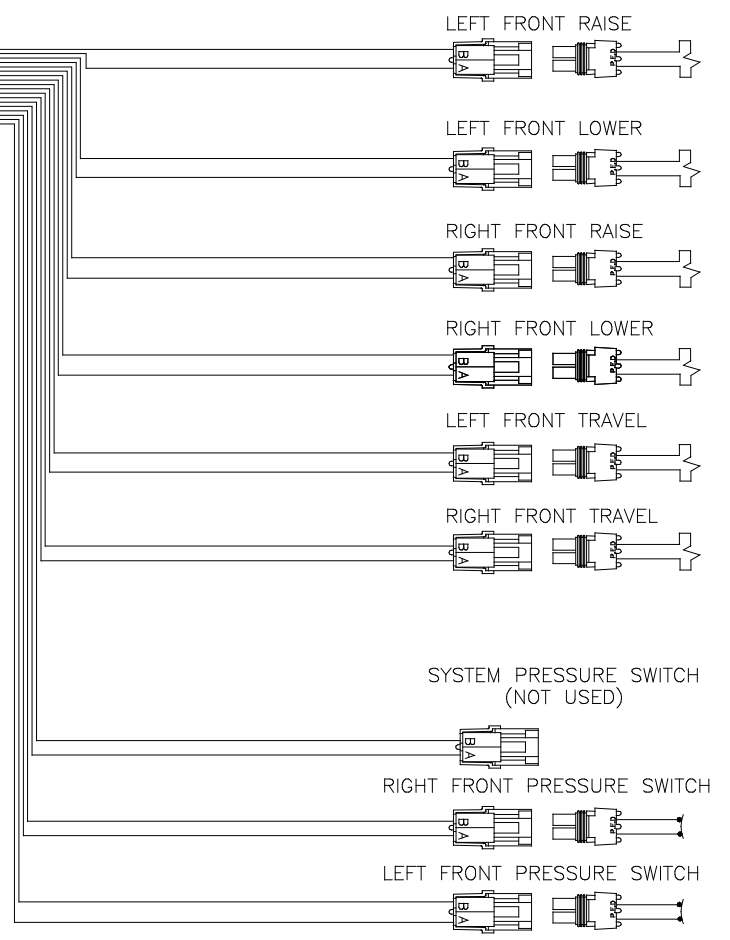
AP26606

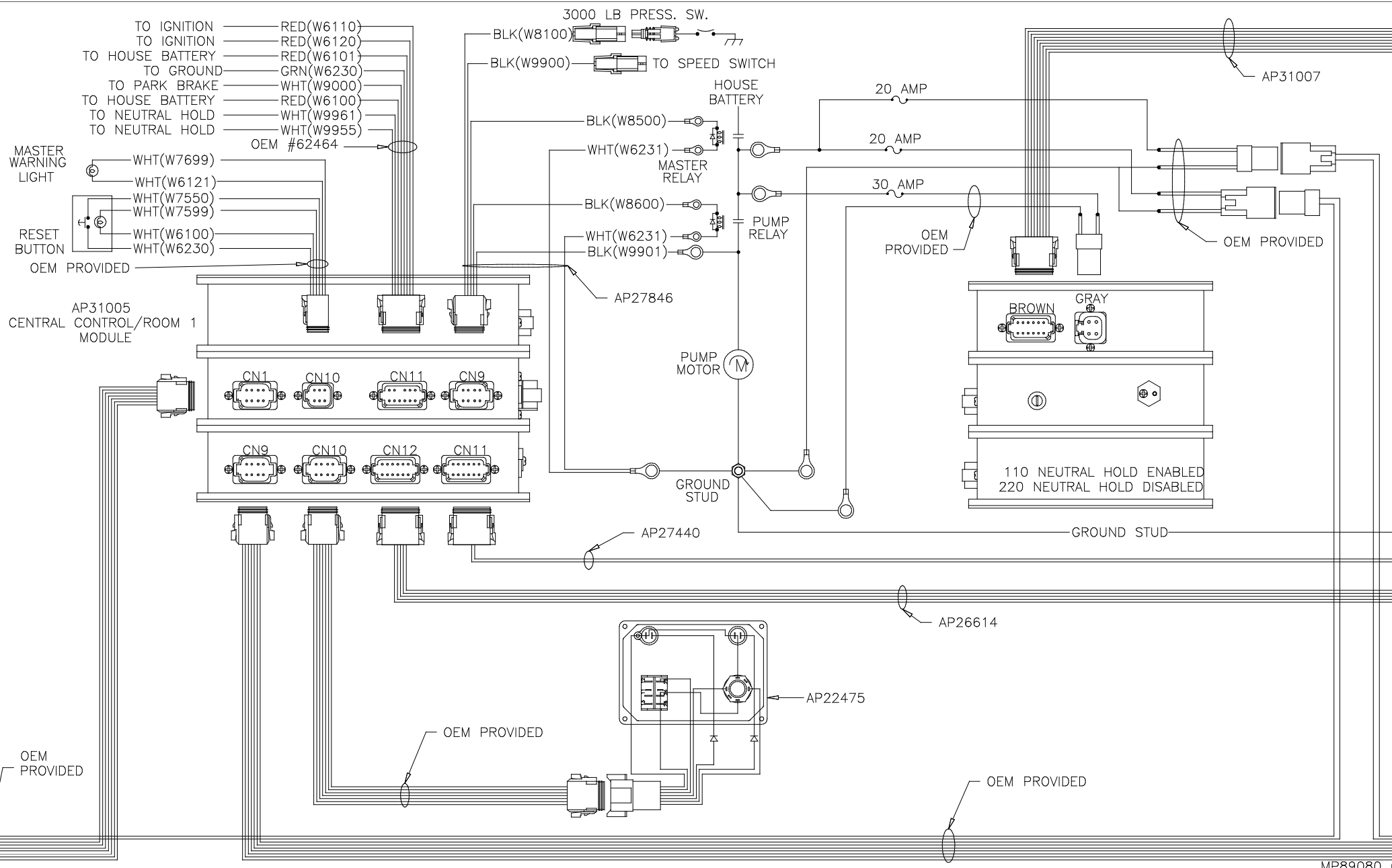
- | | | |
|-----|------------|------------------------|
| PIN | | |
| 1. | BLK(W1700) | RIGHT FRONT TRAVEL |
| 2. | WHT(W6254) | GROUND |
| 3. | BLK(W2210) | RIGHT FRONT PRESS. SW. |
| 4. | WHT(W6236) | GROUND |
| 5. | BLK(W2500) | RIGHT FRONT RAISE |
| 6. | WHT(W6254) | GROUND |
| 7. | BLK(W2600) | RIGHT FRONT LOWER |
| 8. | WHT(W6254) | GROUND |
| 9. | BLK(W1500) | LEFT FRONT RAISE |
| 10. | WHT(W6254) | GROUND |
| 11. | BLK(W1600) | LEFT FRONT LOWER |
| 12. | WHT(W6254) | GROUND |
| 13. | BLK(W1700) | LEFT FRONT TRAVEL |
| 14. | WHT(W6254) | GROUND |
| 15. | BLK(W1210) | LEFT FRONT PRESS. SW. |
| 16. | WHT(W6235) | GROUND |
| 17. | N/C | |
| 18. | N/C | |
| 19. | N/C | |
| 20. | N/C | |
| 21. | N/C | |
| 22. | N/C | |
| 23. | N/C | |
| 24. | N/C | |
| 25. | N/C | |
| 26. | N/C | |
| 27. | N/C | |
| 28. | N/C | |
| 29. | N/C | |
| 30. | N/C | |
| 31. | N/C | |

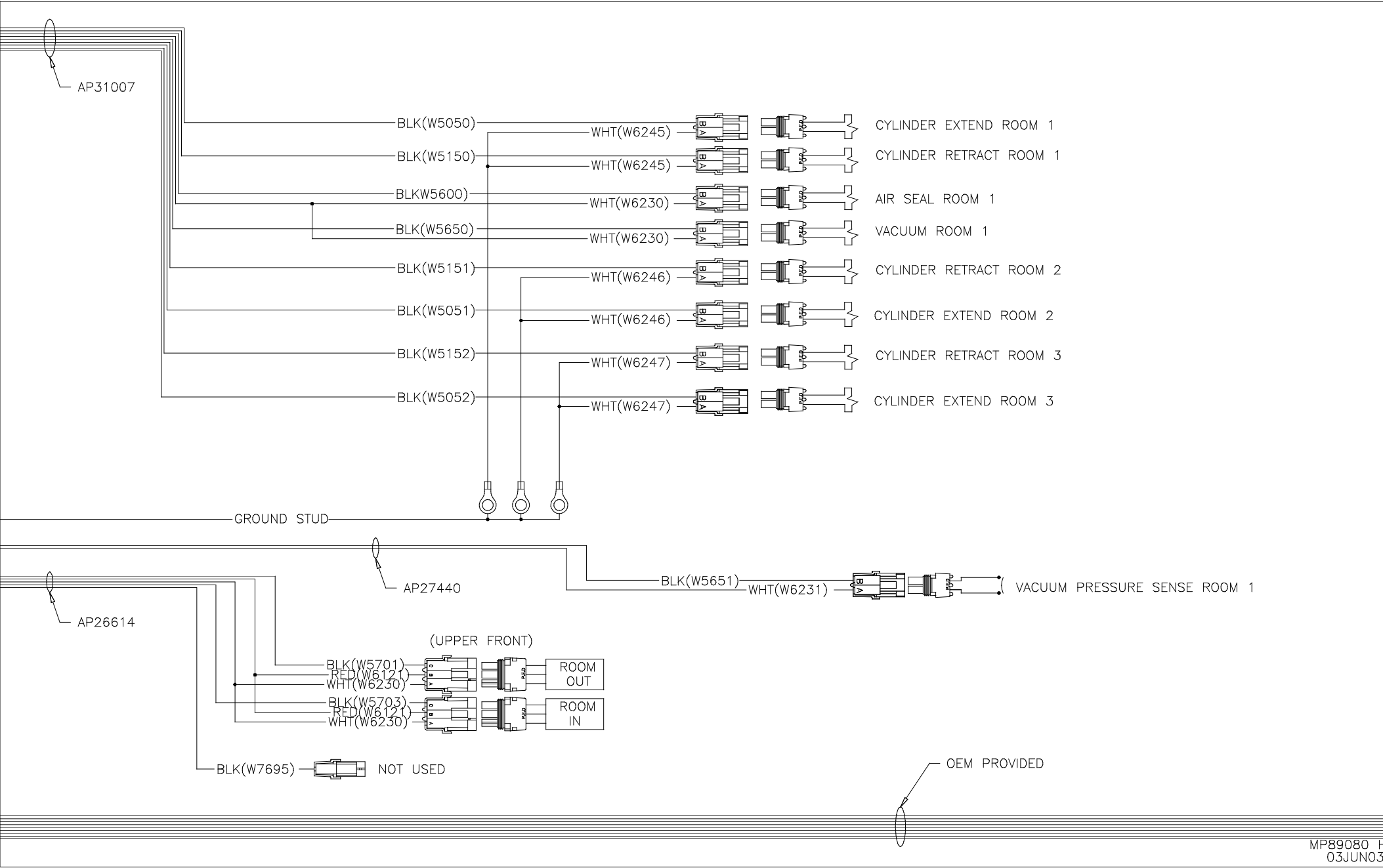
FRONT AIR
MANIFOLD
CONNECTIONS

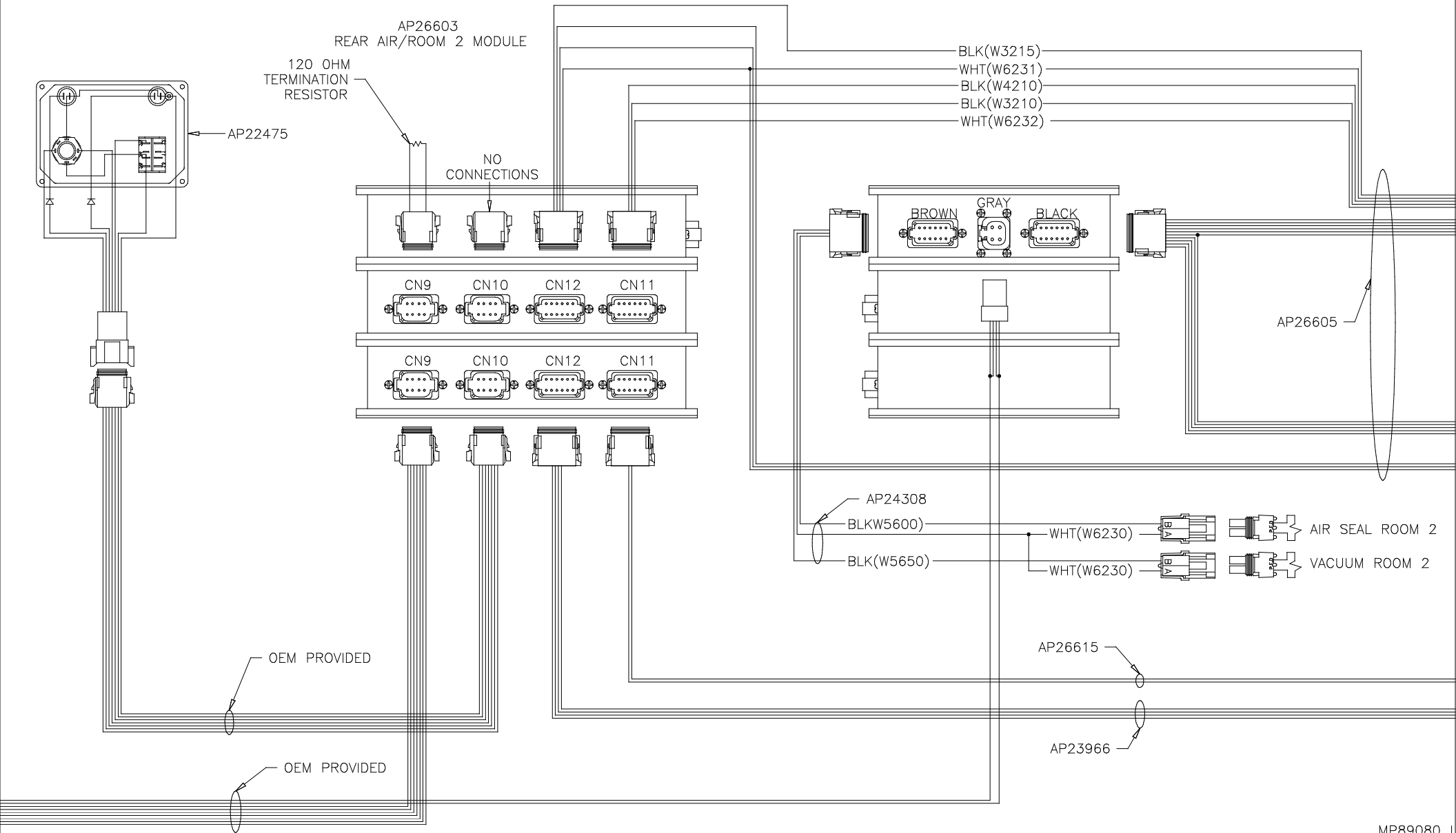


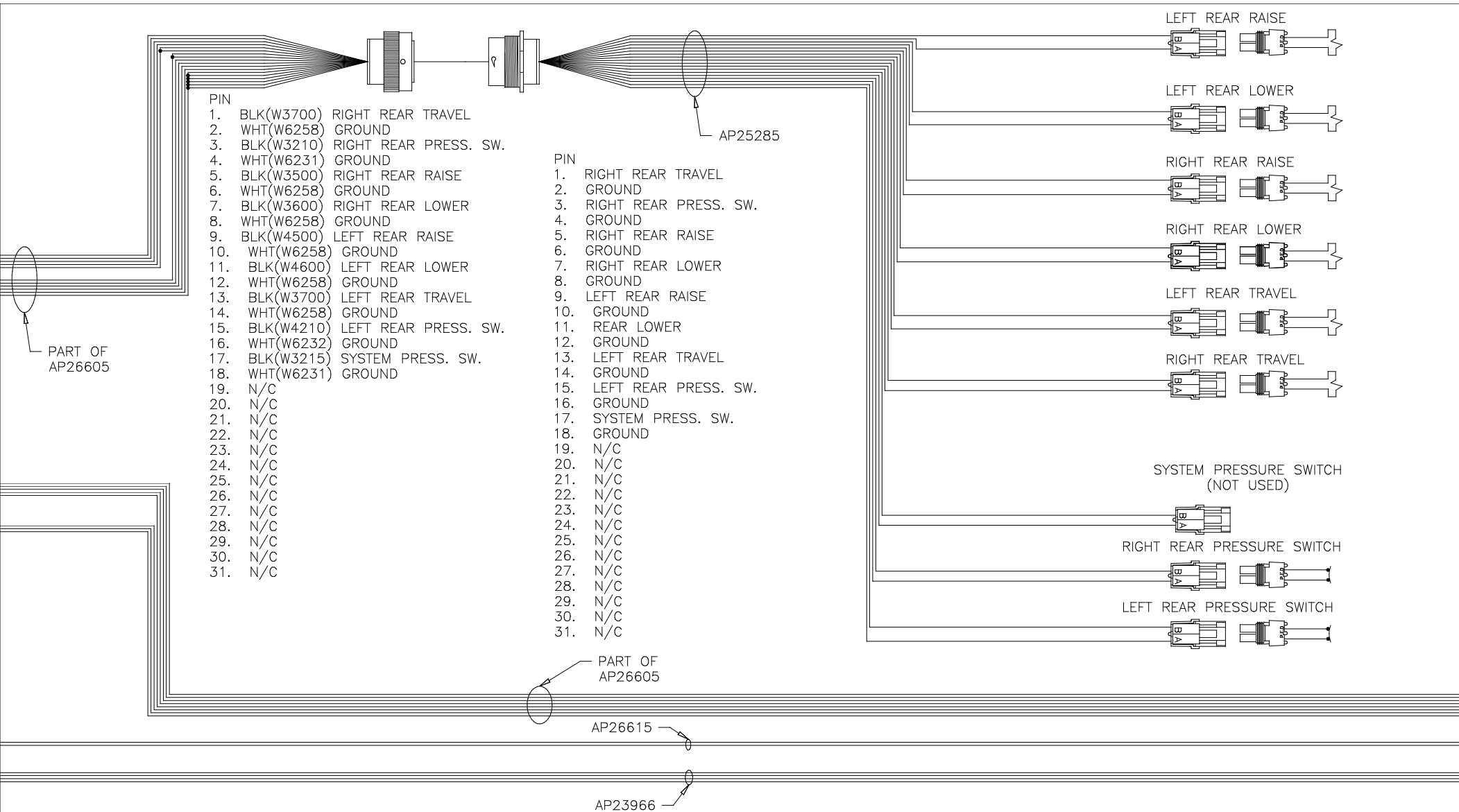
- | | | |
|-----|------------------------|--|
| PIN | | |
| 1. | RIGHT FRONT TRAVEL | |
| 2. | GROUND | |
| 3. | RIGHT FRONT PRESS. SW. | |
| 4. | GROUND | |
| 5. | RIGHT FRONT RAISE | |
| 6. | GROUND | |
| 7. | RIGHT FRONT LOWER | |
| 8. | GROUND | |
| 9. | LEFT FRONT RAISE | |
| 10. | GROUND | |
| 11. | LEFT FRONT LOWER | |
| 12. | GROUND | |
| 13. | LEFT FRONT TRAVEL | |
| 14. | GROUND | |
| 15. | LEFT FRONT PRESS. SW. | |
| 16. | GROUND | |
| 17. | SYSTEM PRESS. SW. | |
| 18. | GROUND | |
| 19. | N/C | |
| 20. | N/C | |
| 21. | N/C | |
| 22. | N/C | |
| 23. | N/C | |
| 24. | N/C | |
| 25. | N/C | |
| 26. | N/C | |
| 27. | N/C | |
| 28. | N/C | |
| 29. | N/C | |
| 30. | N/C | |
| 31. | N/C | |





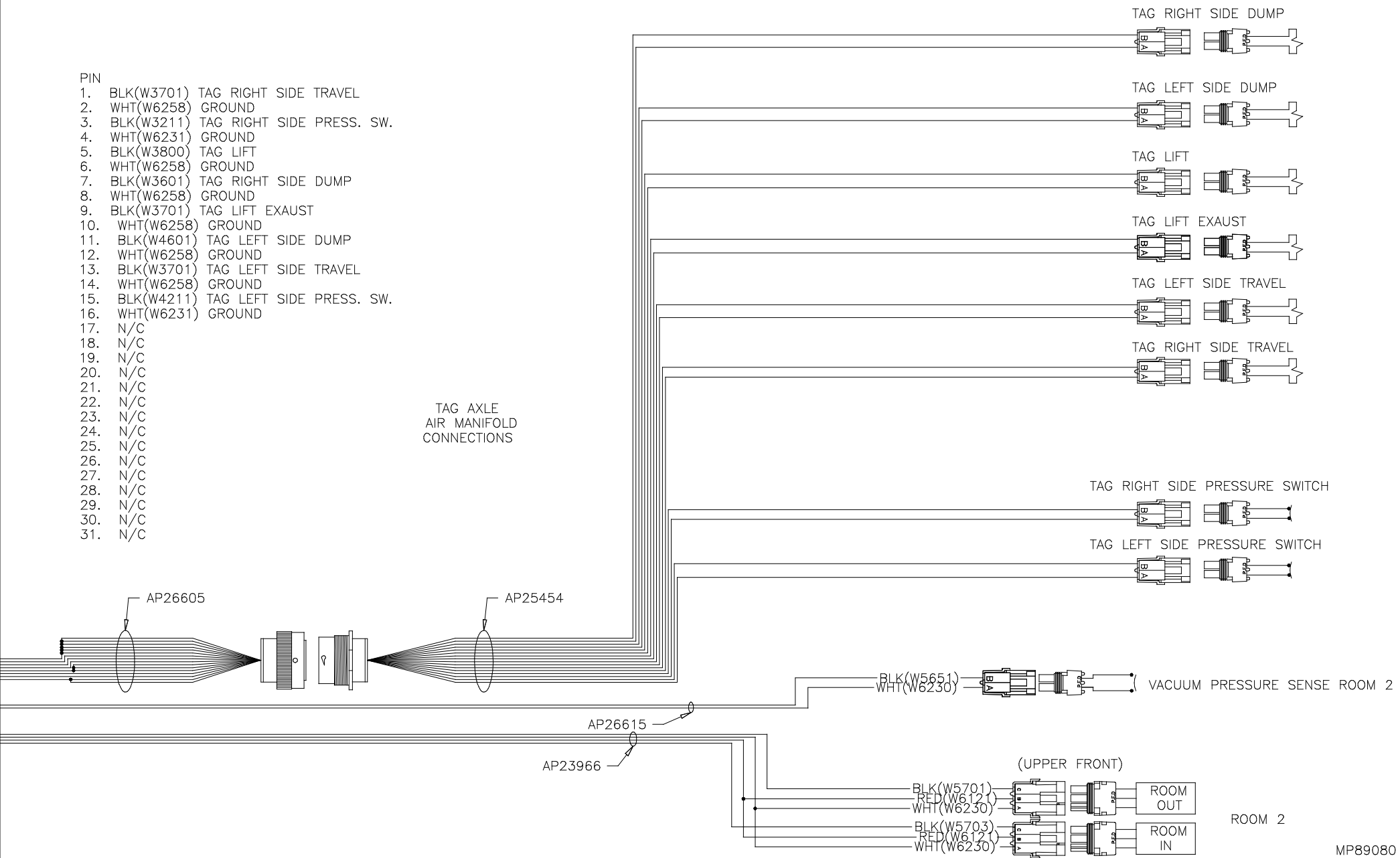




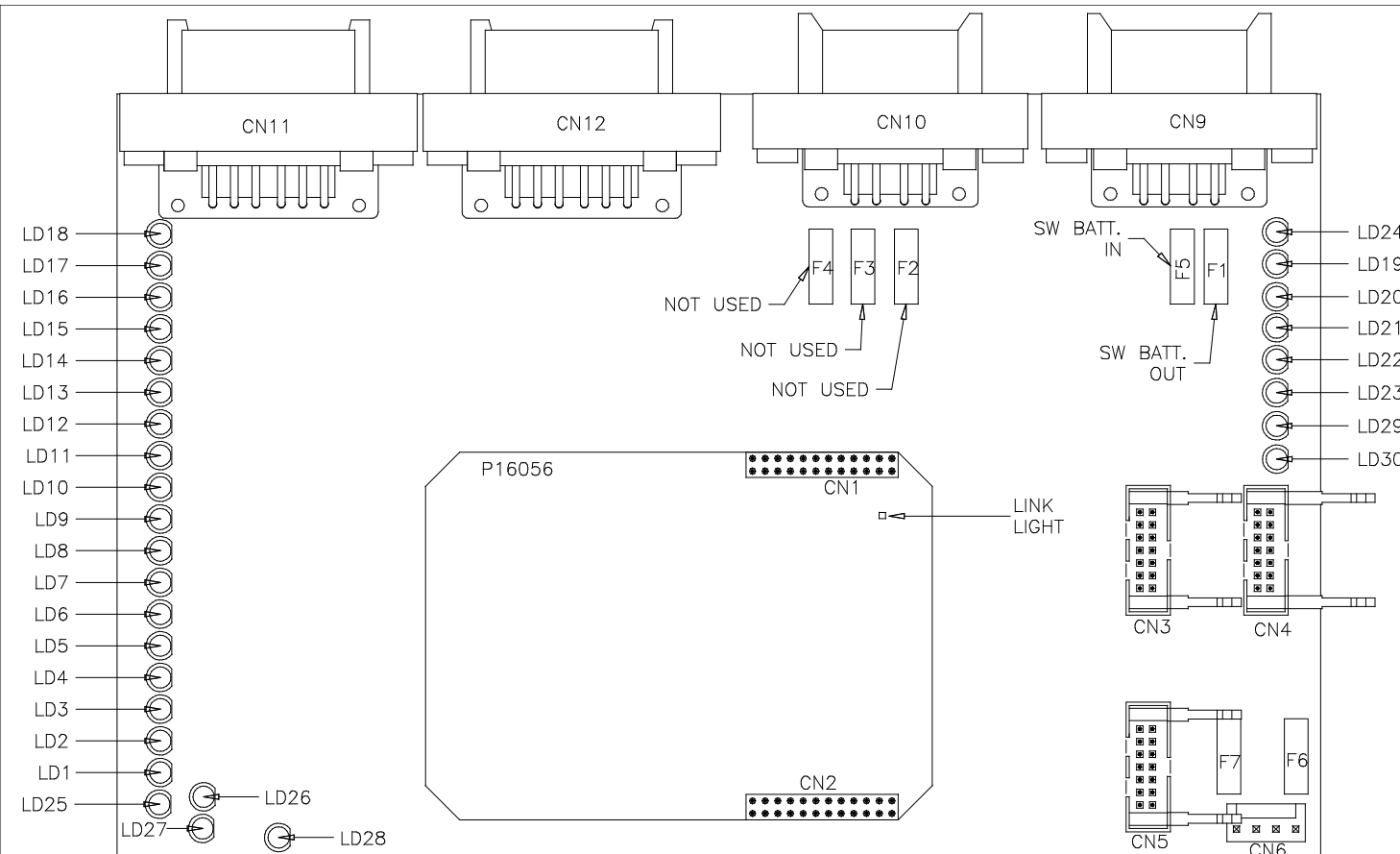


- PIN
1. BLK(W3701) TAG RIGHT SIDE TRAVEL
 2. WHT(W6258) GROUND
 3. BLK(W3211) TAG RIGHT SIDE PRESS. SW.
 4. WHT(W6231) GROUND
 5. BLK(W3800) TAG LIFT
 6. WHT(W6258) GROUND
 7. BLK(W3601) TAG RIGHT SIDE DUMP
 8. WHT(W6258) GROUND
 9. BLK(W3701) TAG LIFT EXHAUST
 10. WHT(W6258) GROUND
 11. BLK(W4601) TAG LEFT SIDE DUMP
 12. WHT(W6258) GROUND
 13. BLK(W3701) TAG LEFT SIDE TRAVEL
 14. WHT(W6258) GROUND
 15. BLK(W4211) TAG LEFT SIDE PRESS. SW.
 16. WHT(W6231) GROUND
 17. N/C
 18. N/C
 19. N/C
 20. N/C
 21. N/C
 22. N/C
 23. N/C
 24. N/C
 25. N/C
 26. N/C
 27. N/C
 28. N/C
 29. N/C
 30. N/C
 31. N/C

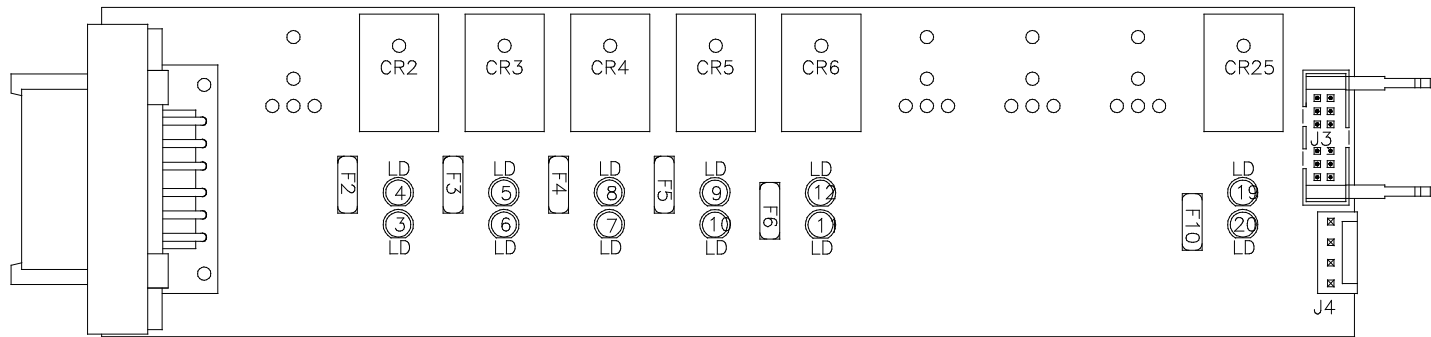
TAG AXLE
AIR MANIFOLD
CONNECTIONS



FRONT AIR
MODULE
LED LAYOUT

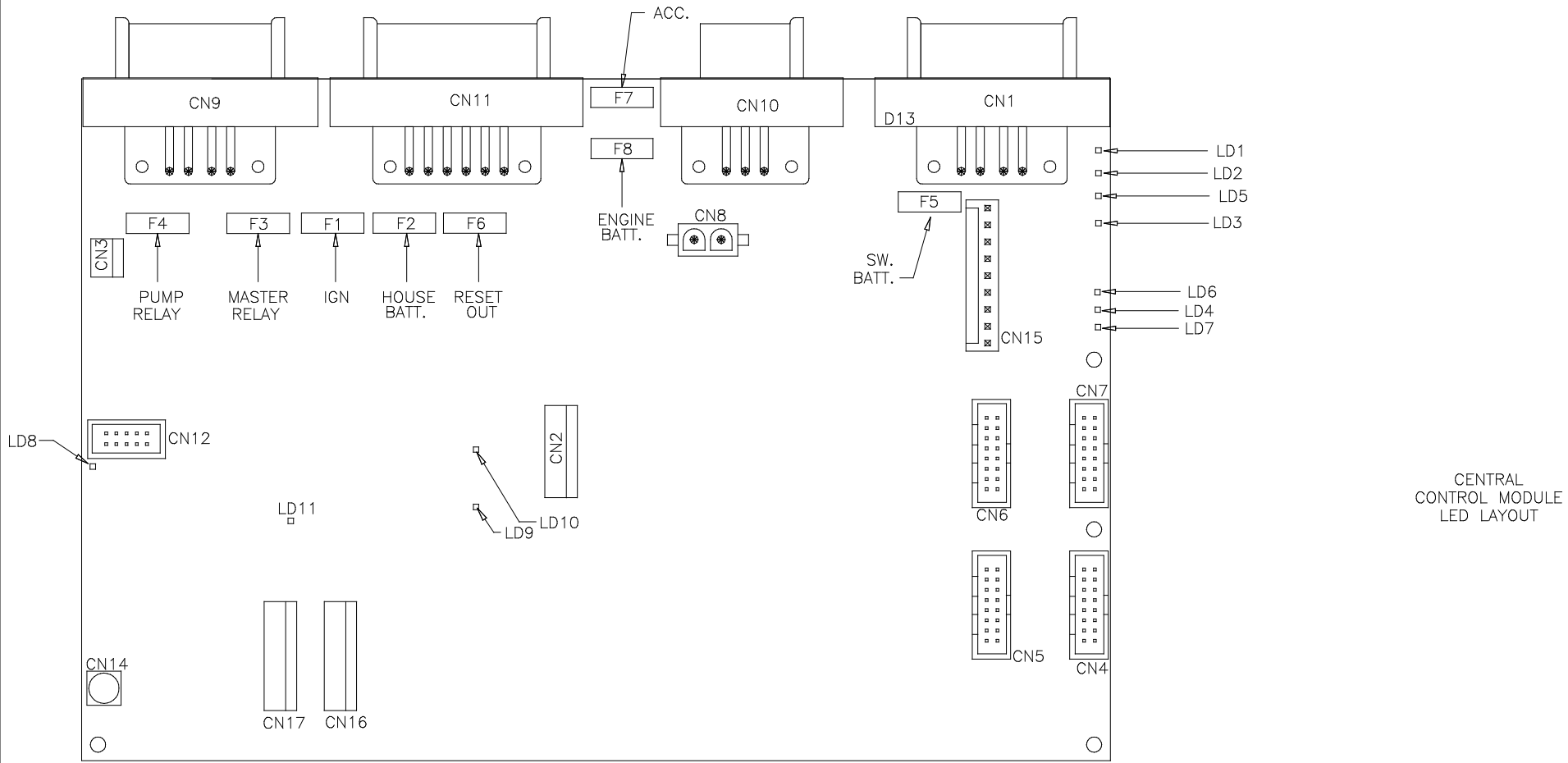


| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-------------|--------|-----------------|--------|-----------------|-------|-------------|
| LED 1 | NOT USED | RED | NOT USED | LED 16 | NOT USED | GREEN | NOT USED |
| LED 2 | NOT USED | RED | NOT USED | LED 17 | NOT USED | GREEN | NOT USED |
| LED 3 | NOT USED | GREEN | NOT USED | LED 18 | NOT USED | GREEN | NOT USED |
| LED 4 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | 12V OUTPUT |
| LED 5 | NOT USED | YELLOW | NOT USED | LED 20 | NOT USED | RED | NOT USED |
| LED 6 | NOT USED | YELLOW | NOT USED | LED 21 | NOT USED | RED | NOT USED |
| LED 7 | NOT USED | GREEN | NOT USED | LED 22 | NOT USED | RED | NOT USED |
| LED 8 | NOT USED | GREEN | NOT USED | LED 23 | NOT USED | RED | NOT USED |
| LED 9 | CN11 PIN 10 | GREEN | LEFT FRONT PSW | LED 24 | NOT USED | RED | NOT USED |
| LED 10 | CN12 PIN 10 | GREEN | RIGHT FRONT PSW | LED 25 | --- | RED | --- |
| LED 11 | NOT USED | YELLOW | NOT USED | LED 26 | --- | RED | --- |
| LED 12 | NOT USED | YELLOW | NOT USED | LED 27 | --- | RED | --- |
| LED 13 | NOT USED | YELLOW | NOT USED | LED 28 | CN 12 PIN 11 | RED | TAG DUMP |
| LED 14 | NOT USED | YELLOW | NOT USED | LED 29 | --- | RED | --- |
| LED 15 | NOT USED | GREEN | NOT USED | LED 30 | --- | RED | --- |



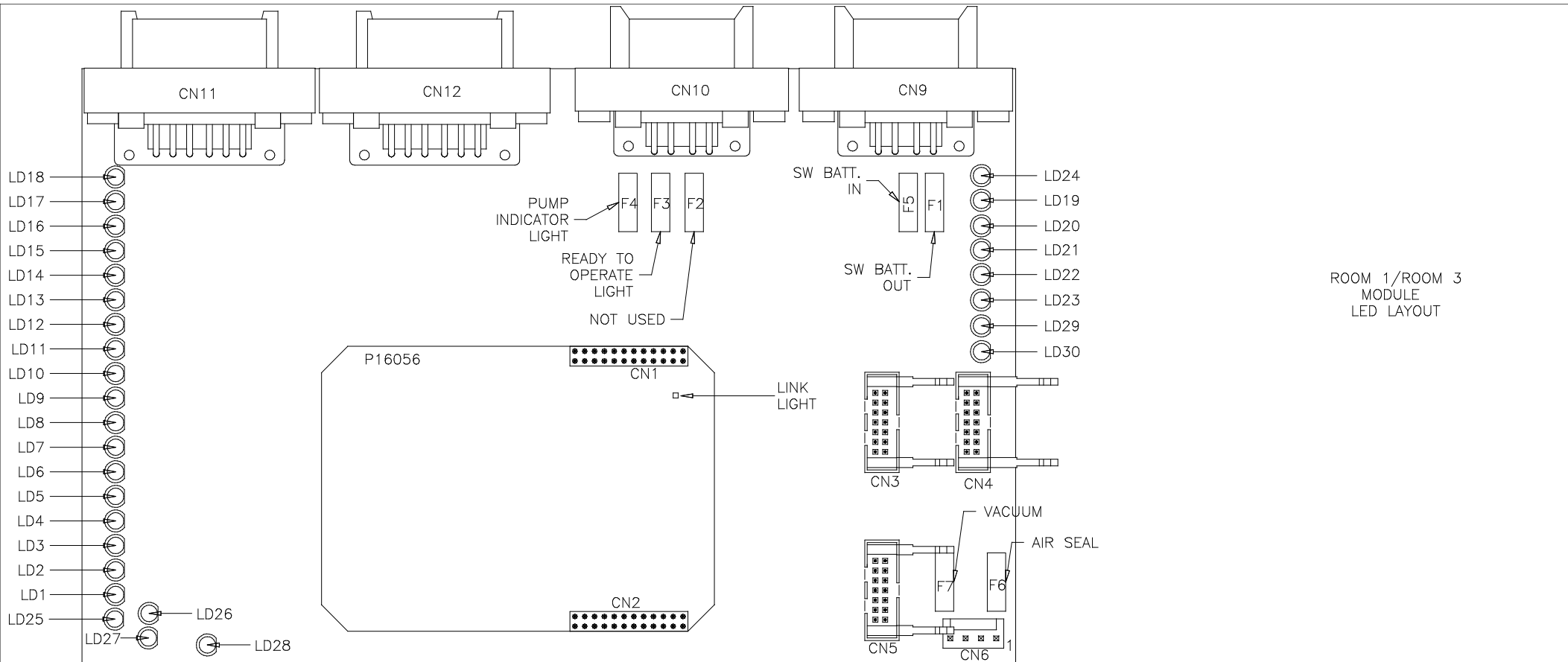
FRONT AIR
LED LAYOUT

| 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) |

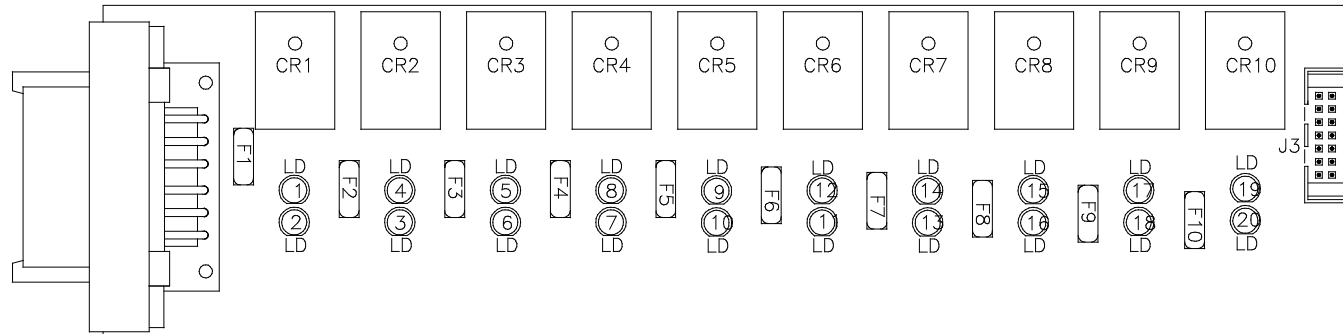


| LED # | CONNECTOR | COLOR | DESCRIPTION |
|-------|--------------|----------|--------------|
| LED 1 | CN 9 PIN 1 | RED | MASTER RELAY |
| LED 2 | CN 9 PIN 4 | RED | PUMP RELAY |
| LED 3 | CN 1 PIN 3 | RED | SW 12V |
| LED 4 | CN 11 PIN 12 | RED | ENGINE BATT |
| LED 5 | CN 9 PIN 5 | RED | SPEED SWITCH |
| LED 6 | NOT USED | NOT USED | NOT USED |

| LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-----------------|----------|---------------|
| 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 |



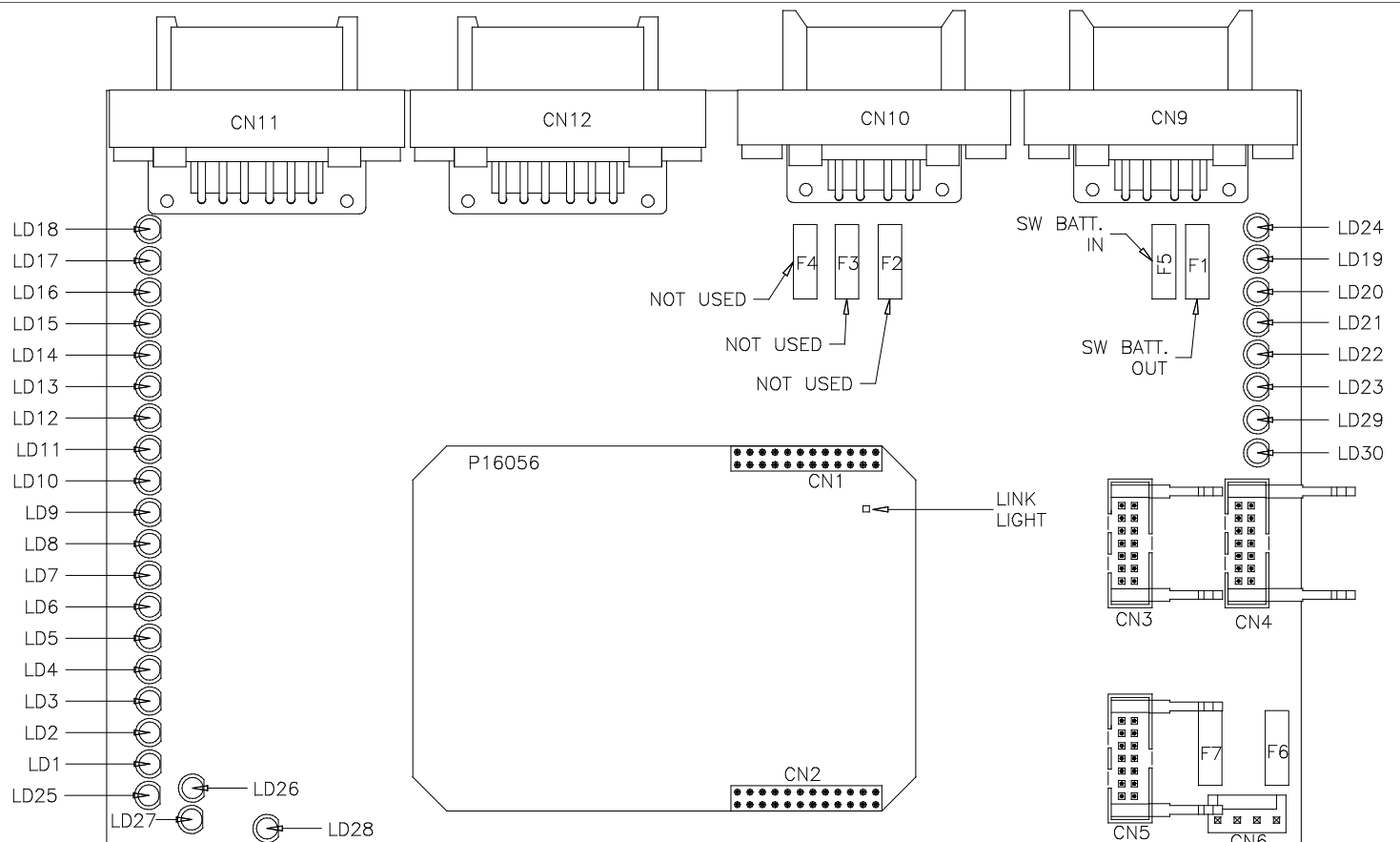
| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-------------|--------|---------------------|--------|-----------------|-------|------------------|
| LED 1 | CN10 PIN 4 | RED | EXTEND | LED 16 | NOT USED | GREEN | NOT USED |
| LED 2 | CN10 PIN 5 | RED | RETRACT | LED 17 | NOT USED | GREEN | NOT USED |
| LED 3 | NOT USED | GREEN | NOT USED | LED 18 | NOT USED | GREEN | NOT USED |
| LED 4 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | 12V OUTPUT |
| LED 5 | NOT USED | YELLOW | NOT USED | LED 20 | CN9 PIN 3 | RED | SW BATT |
| LED 6 | CN12 PIN 2 | YELLOW | FRONT ROOM OUT | LED 21 | CN10 PIN 3 | RED | PUMP INDICATOR |
| LED 7 | NOT USED | GREEN | NOT USED | LED 22 | CN10 PIN 2 | RED | READY TO OPERATE |
| LED 8 | NOT USED | GREEN | NOT USED | LED 23 | NOT USED | RED | NOT USED |
| LED 9 | NOT USED | GREEN | NOT USED | LED 24 | CN10 PIN 7 | RED | SYSTEM WAKE UP |
| LED 10 | CN12 PIN 10 | GREEN | UPPER FRONT ROOM IN | LED 25 | --- | RED | --- |
| LED 11 | NOT USED | YELLOW | NOT USED | LED 26 | --- | RED | --- |
| LED 12 | NOT USED | YELLOW | NOT USED | LED 27 | CN11 PIN 8 | RED | VACUUM SENSE |
| LED 13 | NOT USED | YELLOW | NOT USED | LED 28 | NOT USED | RED | NOT USED |
| LED 14 | NOT USED | YELLOW | NOT USED | LED 29 | CN6 PIN 1 | RED | AIR SEAL OUTPUT |
| LED 15 | NOT USED | GREEN | NOT USED | LED 30 | NOT USED | RED | NOT USED |



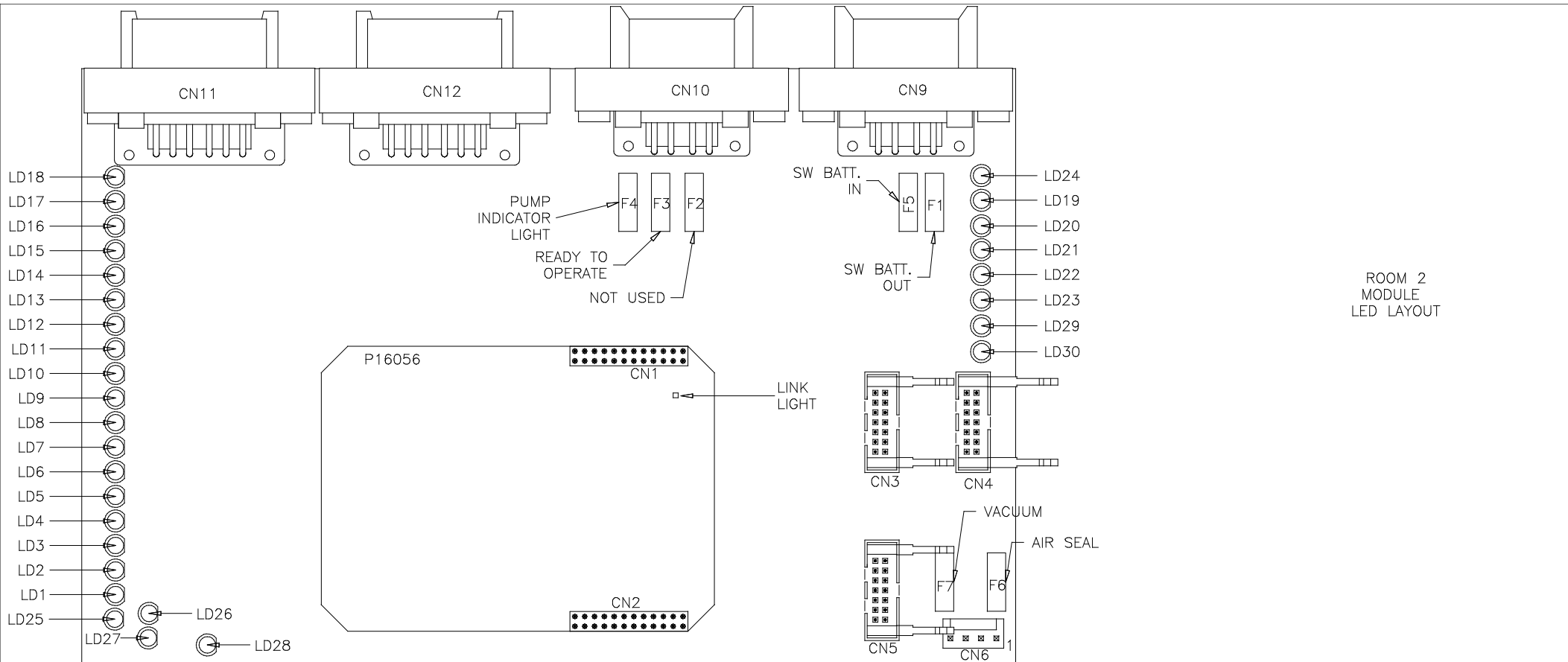
ROOM 1/ROOM 3
LED LAYOUT

| 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 | 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 |
| LED9 | YELLOW | PIN 9 | --- | --- | CR5 | CYL EXTEND 2 (COIL) |
| LED10 | RED | --- | FUSE 5 | PIN 5 | CR5 | CYL EXTEND 2 (CONTACT) |
| LED11 | RED | --- | FUSE 6 | PIN 6 | CR6 | CYL RETRACT 2 (CONTACT) |
| LED12 | YELLOW | PIN 8 | --- | --- | CR6 | CYL RETRACT 2 (COIL) |
| LED13 | RED | --- | FUSE 7 | PIN 10 | CR7 | LOCK RM 2 (COIL) |
| LED14 | YELLOW | PIN 7 | --- | --- | CR7 | LOCK RM 2 (CONTACT) |
| LED15 | YELLOW | PIN 6 | --- | --- | CR8 | UNLOCK RM 2 (CONTACT) |
| LED16 | RED | --- | FUSE8 | PIN 9 | CR8 | UNLOCK RM 2 (COIL) |
| LED17 | YELLOW | PIN 5 | --- | --- | CR9 | AIR SEAL (COIL) |
| LED18 | RED | --- | FUSE 9 | PIN 7 | CR9 | AIR SEAL (CONTACT) |
| LED19 | YELLOW | PIN 4 | --- | --- | CR10 | VACUUM (COIL) |
| LED20 | RED | --- | FUSE 10 | PIN 8 | CR10 | VACUUM (CONTACT) |

REAR AIR
MODULE
LED LAYOUT

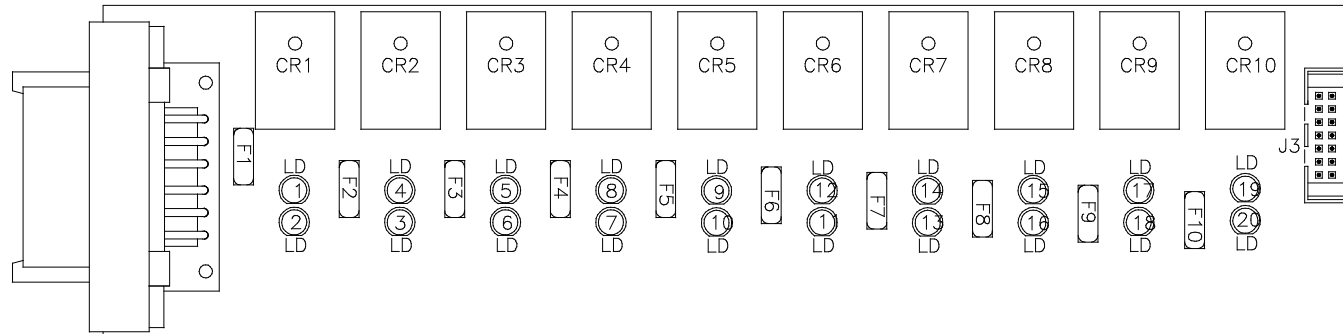


| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|------------|--------|---------------------------|--------|-----------------|-------|-------------|
| LED 1 | NOT USED | RED | NOT USED | LED 16 | NOT USED | GREEN | NOT USED |
| LED 2 | NOT USED | RED | NOT USED | LED 17 | NOT USED | GREEN | NOT USED |
| LED 3 | NOT USED | GREEN | NOT USED | LED 18 | NOT USED | GREEN | NOT USED |
| LED 4 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | 12V OUT |
| LED 5 | CN11 PIN 2 | YELLOW | LEFT REAR PRESS. SW. | LED 20 | NOT USED | RED | NOT USED |
| LED 6 | CN12 PIN 2 | YELLOW | RIGHT REAR TAG PRESS. SW. | LED 21 | NOT USED | RED | NOT USED |
| LED 7 | CN11 PIN 3 | GREEN | RIGHT REAR PRESS. SW. | LED 22 | NOT USED | RED | NOT USED |
| LED 8 | CN12 PIN 3 | GREEN | SYSTEM PRESS SW. | LED 23 | NOT USED | RED | NOT USED |
| LED 9 | NOT USED | GREEN | NOT USED | LED 24 | NOT USED | RED | NOT USED |
| LED 10 | NOT USED | GREEN | NOT USED | LED 25 | --- | RED | --- |
| LED 11 | NOT USED | YELLOW | NOT USED | LED 26 | --- | RED | --- |
| LED 12 | CN12 PIN 1 | YELLOW | LEFT REAR TAG PRESS. SW. | LED 27 | --- | RED | --- |
| LED 13 | NOT USED | YELLOW | NOT USED | LED 28 | --- | RED | --- |
| LED 14 | NOT USED | YELLOW | NOT USED | LED 29 | --- | RED | --- |
| LED 15 | NOT USED | GREEN | NOT USED | LED 30 | --- | RED | --- |



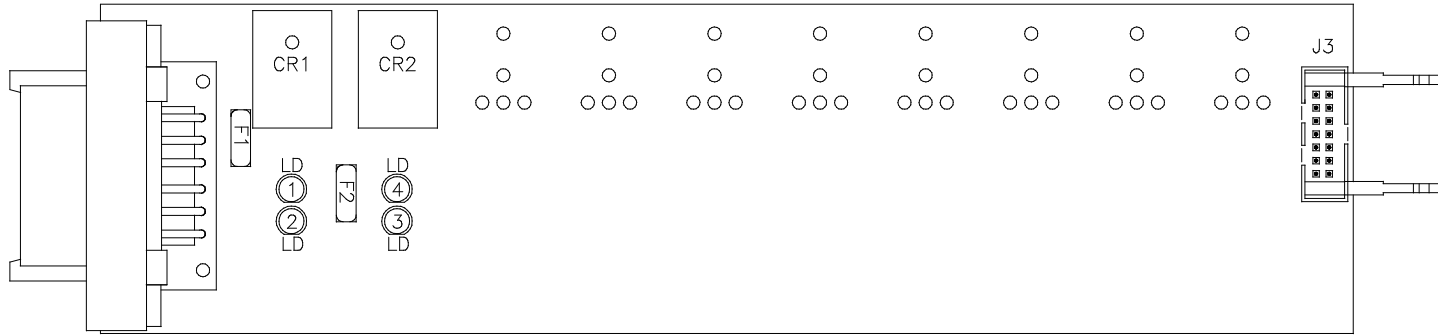
ROOM 2
MODULE
LED LAYOUT

| LED # | CONNECTOR | COLOR | DESCRIPTION | LED # | CONNECTOR | COLOR | DESCRIPTION |
|--------|-------------|--------|---------------------|--------|-----------------|-------|------------------|
| LED 1 | CN10 PIN 4 | RED | EXTEND | LED 16 | CN12 PIN 4 | GREEN | LOWER FRONT LOCK |
| LED 2 | CN10 PIN 5 | RED | RETRACT | LED 17 | CN11 PIN 9 | GREEN | UPPER REAR LOCK |
| LED 3 | NOT USED | GREEN | NOT USED | LED 18 | CN12 PIN 9 | GREEN | UPPER FRONT LOCK |
| LED 4 | NOT USED | YELLOW | NOT USED | LED 19 | CN11/CN12 PIN 7 | RED | 12V OUTPUT |
| LED 5 | NOT USED | YELLOW | NOT USED | LED 20 | CN9 PIN 3 | RED | SW BATT |
| LED 6 | CN12 PIN 2 | YELLOW | FRONT ROOM OUT | LED 21 | CN10 PIN 3 | RED | PUMP INDICATOR |
| LED 7 | NOT USED | GREEN | NOT USED | LED 22 | CN10 PIN 2 | RED | READY TO OPERATE |
| LED 8 | NOT USED | GREEN | NOT USED | LED 23 | NOT USED | RED | NOT USED |
| LED 9 | CN11 PIN 10 | GREEN | UPPER REAR ROOM IN | LED 24 | CN10 PIN 7 | RED | SYSTEM WAKE UP |
| LED 10 | CN12 PIN 10 | GREEN | UPPER FRONT ROOM IN | LED 25 | --- | RED | --- |
| LED 11 | CN11 PIN 1 | YELLOW | LOWER REAR UNLOCK | LED 26 | --- | RED | --- |
| LED 12 | CN12 PIN 1 | YELLOW | LOWER FRONT UNLOCK | LED 27 | CN11 PIN 8 | RED | VACUUM SENSE |
| LED 13 | CN11 PIN 12 | YELLOW | UPPER REAR UNLOCK | LED 28 | NOT USED | RED | NOT USED |
| LED 14 | CN12 PIN 12 | YELLOW | UPPER FRONT UNLOCK | LED 29 | CN6 PIN 1 | RED | AIR SEAL OUTPUT |
| LED 15 | CN11 PIN 4 | GREEN | LOWER REAR LOCK | LED 30 | CN6 PIN 3 | RED | VACUUM OUTPUT |



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) |



ROOM 2/ROOM 3
LED LAYOUT

| 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 | --- | --- | --- | --- | --- | --- |