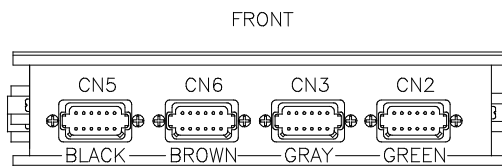
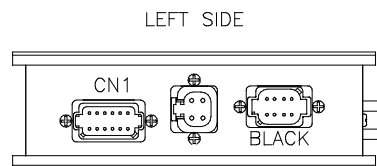


AP42581  
FRONT ACTIVE AIR INPUT/OUTPUT MODULE



AP38815 CN1 (BROWN)

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

AP38815 (GRAY)

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

AP38815 RIGHT SIDE (BLACK)

- PIN
- 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

AP38815 LEFT SIDE (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

AP38815 CN5 (BLACK)

- PIN
- 1 BLK(W5703) ROOM 1 ROOM IN
  - 2 BLK(W5701) ROOM 1 ROOM OUT
  - 3 BLK(W5651) ROOM 1 VACUUM SENSOR
  - 4 BLK(W5702) ROOM 4 ROOM IN
  - 5 BLK(W5700) ROOM 4 ROOM OUT
  - 6 WHT(W7501) EXTEND (ROOM 1 AND 4)
  - 7 WHT(W7502) RETRACT (ROOM 1 AND 4)
  - 8 BLK(W5652) ROOM 4 VACUUM SENSOR
  - 9 N/C
  - 10 N/C
  - 11 N/C
  - 12 N/C

AP38815 CN6 (BROWN)

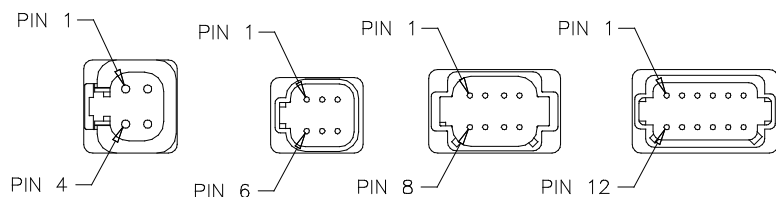
- PIN
- 1 BLK(W6800) SW. +12V
  - 2 N/C
  - 3 N/C
  - 4 BLK(W7510) READY TO OPERATE
  - 5 BLK(W7530) PUMP
  - 6 WHT(W6236) GROUND
  - 7 BLK(W6805) SW BATTERY
  - 8 BLK(W7696) SYSTEM WAKE UP
  - 9 N/C
  - 10 N/C
  - 11 N/C
  - 12 N/C

AP38815 CN3 (GRAY)

- PIN
- 1 BLK(W1100) RIDE HEIGHT LOW
  - 2 BLK(W1101) RIDE HEIGHT MEDIUM
  - 3 BLK(W1102) RIDE HEIGHT HIGH
  - 4 BLK(W1103) ENCODE A
  - 5 BLK(W1104) ENCODE B
  - 6 N/C
  - 7 N/C
  - 8 BLK(W7400) STEERING A
  - 9 BLK(W7401) STEERING B
  - 10 BLK(W7521) TAG DUMP
  - 11 N/C
  - 12 BLK(W6806) ROOM SELECT

AP38815 CN2 (GREEN)

- PIN
- 1 RED(W6120) SW. BATT
  - 2 BLK(W6900) +5V OUTPUT
  - 3 BLK(W6901) +5V OUTPUT
  - 4 N/C
  - 5 N/C
  - 6 WHT(W6235) GROUND
  - 7 RED(W6121) SW. BATT
  - 8 N/C
  - 9 N/C
  - 10 N/C
  - 11 BLK(W2220) RIGHT FRONT TRANSDUCER
  - 12 BLK(W1220) LEFT FRONT TRANSDUCER

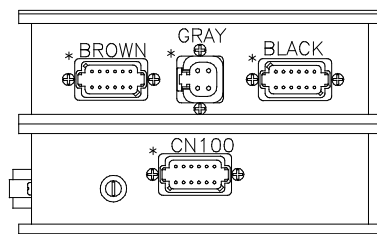
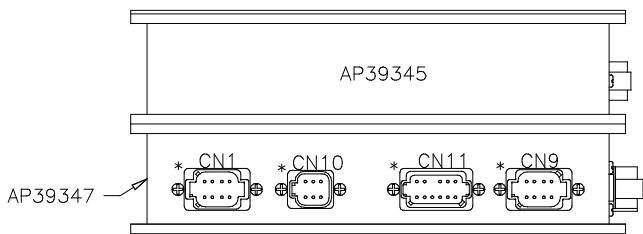


NOTE: DEUTSCH PIN NUMBERS TYPICAL UNLESS OTHERWISE NOTED

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

		HWH 1-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760	
		SCALE 1:3	DATE 09JUN09
		DRAWN BY .	
1	27JAN10	REVISED LED LOCATIONS	
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 MP90346 A/s

AP44751  
CENTRAL CONTROL  
MODULES



110 NEUTRAL HOLD ENABLED  
220 NEUTRAL HOLD DISABLED

AP39345 (BROWN)

PIN	FUNCTION
1	BLK(W5050) CYLINDER EXTEND 1
2	BLK(W5150) CYLINDER RETRACT 1
3	BLK(W5600) AIR SEAL ROOM 1
4	BLK(W5650) VACUUM ROOM 1
5	BLK(W5053) CYLINDER EXTEND 4
6	BLK(W5153) CYLINDER RETRACT 4
7	BLK(W5601) AIR SEAL ROOM 4
8	BLK(W5651) VACCUM ROOM 4
9	BLK(W5054) CYLINDER EXTEND GEN
10	BLK(W5154) CYLINDER RETRACT GEN
11	WHT(W6230) GROUND
12	N/C

AP39345 (BLACK)

PIN	FUNCTION
1	BLK(W5051) CYLINDER EXTEND 2
2	BLK(W5151) CYLINDER RETRACT 2
3	BLK(W5602) AIR SEAL ROOM 2
4	BLK(W5652) VACUUM ROOM 2
5	BLK(W5052) NOT USED
6	BLK(W5152) NOT USED
7	BLK(W5603) NOT USED
8	BLK(W5653) NOT USED
9	BLK(W5055) NOT USED
10	BLK(W5155) NOT USED
11	WHT(W6231) GROUND
12	N/C

AP39347 CN100(GRAY)

PIN	FUNCTION
1	BLK(W5000) GEN SLIDE EXTEND
2	N/C
3	N/C
4	N/C
5	N/C
6	WHT(W6230) GROUND
7	N/C
8	N/C
9	N/C
10	N/C
11	N/C
12	BLK(W5100) GEN SLIDE RETRACT

AP39345 (GRAY)

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

AP39347 CN1(BLACK)

PIN	FUNCTION
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

AP39347 CN10(GRAY)

PIN	FUNCTION
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

AP39347 CN11(GRAY)

PIN	FUNCTION
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

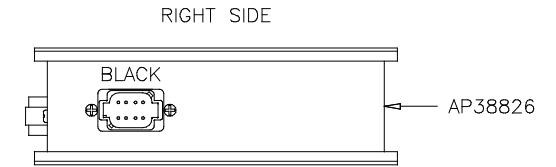
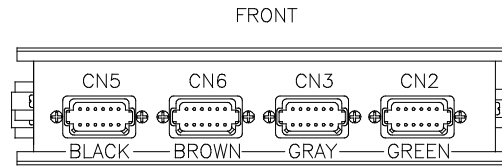
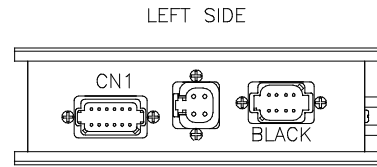
AP39347 CN9(GREEN)

PIN	FUNCTION
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	BLK(W9000) PARK BRAKE
8	N/C

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

MP90346 B  
09JUN09

AP43364  
REAR ACTIVE AIR INPUT/OUTPUT MODULE



AP38826 CN1 BROWN

PIN	Color	Function
1	BLK(W4500)	LR RAISE
2	BLK(W4600)	LR LOWER
3	BLK(W4550)	LR HIGH VELOCITY RAISE
4	N/C	
5	BLK(W3500)	RR RAISE
6	BLK(W3600)	RR LOWER
7	BLK(W3550)	RR HIGH VELOCITY RAISE
8	N/C	
9	N/C	
10	N/C	
11	WHT(W6258)	GROUND
12	N/C	

AP38826 (GRAY)

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

AP38826 BLACK (LEFT SIDE)

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	

AP38826 BLACK (RIGHT SIDE)

PIN	Color	Function
1	N/C	
2	N/C	
3	N/C	
4	N/C	
5	N/C	
6	N/C	
7	BLACK 120 ?	RESISTOR
8	BLACK 120 ?	RESISTOR

AP38826 CN5(BLACK)

PIN	Color	Function
1	BLK(W3100)	RR RIDE HEIGHT LOW
2	BLK(W3101)	RR RIDE HEIGHT MEDIUM
3	BLK(W3102)	RR RIDE HEIGHT HIGH
4	BLK(W3103)	RR ENCODE A
5	BLK(W3104)	RR ENCODE B
6	BLK(W6806)	NOT USED
7	N/C	
8	N/C	
9	N/C	
10	BLK(W5702)	NOT USED
11	BLK(W5700)	NOT USED
12	BLK(W5652)	NOT USED

AP38826 CN6(BROWN)

PIN	Color	Function
1	RED(W6121)	SW. BATT.
2	BLK(W6908)	+5V OUTPUT
3	BLK(W6909)	+5V OUTPUT
4	N/C	
5	N/C	
6	WHT(W6232)	GROUND
7	RED(W6805)	SW BATTERY
8	N/C	
9	N/C	
10	BLK(W3225)	SYSTEM TRANSDUCER
11	N/C	
12	BLK(W3220)	RR TRANSDUCER

AP38826 CN3(GRAY)

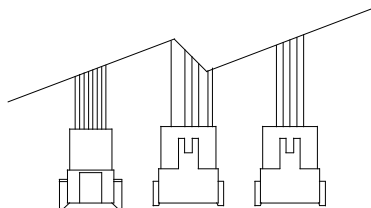
PIN	Color	Function
1	BLK(W4100)	LR RIDE HEIGHT LOW
2	BLK(W4101)	LR RIDE HEIGHT MEDIUM
3	BLK(W4102)	LR RIDE HEIGHT HIGH
4	BLK(W4103)	LR ENCODE A
5	BLK(W4104)	LR ENCODE B
6	BLK(W7501)	EXTEND (ROOM 2)
7	BLK(W7502)	RETRACT (ROOM 2)
8	N/C	
9	N/C	
10	BLK(W5703)	ROOM 2 ROOM IN
11	BLK(W5701)	ROOM 2 ROOM OUT
12	BLK(W5651)	ROOM 2 VACUUM SENSOR

AP38826 CN2(GREEN)

PIN	Color	Function
1	RED(W6120)	SW. BATT
2	BLK(W6912)	+5V OUTPUT
3	N/C	
4	BLK(W7510)	READY TO OPERATE
5	BLK(W7530)	PUMP
6	WHT(W6233)	GROUND
7	BLK(W6800)	SW. +12V
8	WHT(W7696)	SYSTEM WAKE UP
9	N/C	
10	N/C	
11	N/C	
12	BLK(W4220)	LR TRANSDUCER

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

FRONT ADAPTER HARNESS CONNECTIONS



8 PIN GRAY

PIN

- 1 BLK(W6806) ROOM SELECT
- 2 BLK(W7510) READY TO OPERATE
- 3 BLK(W7530) PUMP
- 4 BLK(W7501) EXTEND (ROOM 1 AND 4)
- 5 BLK(W7502) RETRACT (ROOM 1 AND 4)
- 6 BLK(W6805) SW BATTERY
- 7 BLK(W7696) SYSTEM WAKE UP
- 8 WHT(W6236) GROUND

12 PIN GRAY

PIN

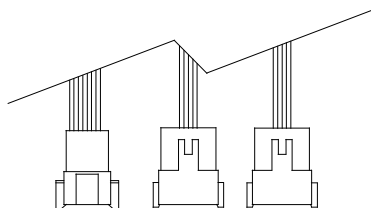
- 1 N/C
- 2 BLK(W5701) ROOM 1 OUT
- 3 BLK(W5703) ROOM 1 IN
- 4 N/C
- 5 N/C
- 6 WHT(W6236) GROUND
- 7 BLK(W6800) SW. BATTERY
- 8 BLK(W5651) ROOM 1 VACUUM SENSOR
- 9 N/C
- 10 N/C
- 11 BLK(W7521) TAG DUMP
- 12 N/C

12 PIN 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 N/C
- 11 N/C
- 12 N/C

REAR ADAPTER HARNESS CONNECTIONS



8 PIN GRAY

PIN

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

12 PIN GRAY

PIN

- 1 N/C
- 2 BLK(W5701) ROOM 2 OUT
- 3 BLK(W5703) ROOM 2 IN
- 4 N/C
- 5 N/C
- 6 WHT(W6233) GROUND
- 7 BLK(W6800) SW. BATTERY
- 8 BLK(W5651) ROOM 2 VACUUM SENSOR
- 9 N/C
- 10 N/C
- 11 N/C
- 12 N/C

12 PIN GREEN

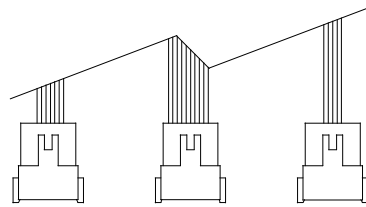
PIN

- 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

NOTE: WIRE NUMERES ARE REFERENCED FROM EXISTING HARNESSES.

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

CENTRAL CONTROL MODULE HARNESS CONNECTIONS



FRONT ROOM (12 PIN BLACK)

PIN	WIRE COLOR	FUNCTION
1	BLK(W5650)	VACUUM ROOM 1
2	BLK(W5600)	AIR SEAL ROOM 1
3	BLK(W5651)	VACCUM ROOM 4
4	BLK(W5601)	AIR SEAL ROOM 4
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	

HYDRAULIC OUTPUTS (12 PIN BROWN)

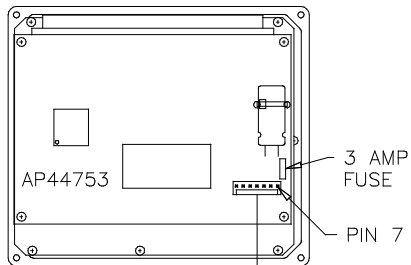
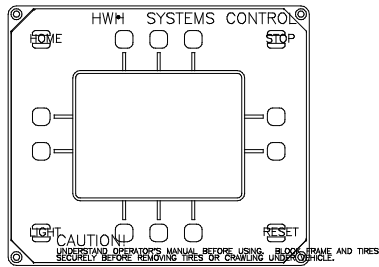
PIN	WIRE COLOR	FUNCTION
1	BLK(W5050)	CYLINDER EXTEND 1
2	BLK(W5150)	CYLINDER RETRACT 1
3	BLK(W5051)	CYLINDER EXTEND 2
4	BLK(W5151)	CYLINDER RETRACT 2
5	N/C	
6	N/C	
7	BLK(W5053)	CYLINDER EXTEND GEN
8	BLK(W5153)	CYLINDER RETRACT GEN
9	BLK(W5152)	CYLINDER RETRACT 4
10	BLK(W5052)	CYLINDER EXTEND 4
11	N/C	
12	N/C	

REAR ROOM (12 PIN BROWN)

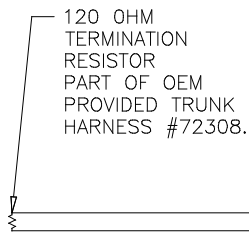
PIN	WIRE COLOR	FUNCTION
1	BLK(W5650)	ROOM 2 VACUUM
2	BLK(W5601)	ROOM 2 AIR SEAL
3	N/C	
4	N/C	
5	N/C	
6	N/C	
7	N/C	
8	N/C	
9	N/C	
10	N/C	
11	WHT(W6231)	GROUND
12	N/C	

NOTE: WIRE NUMBERES ARE REFERENCED FROM EXISTING HARNESSSES.

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

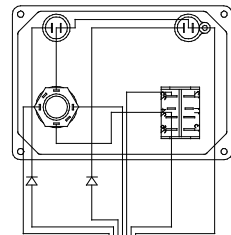


- 7 PIN
1. WHT(W6100) RESET OUT
  2. WHT(W7550) RESET IN
  3. YELLOW CAN HIGH
  4. GREEN CAN LOW
  5. CAN SHIELD
  6. GRN(W6230) GROUND
  7. BLK(W6800) SW. BATTERY

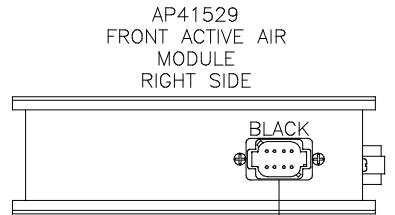


FROM WHT(W6100) WIRE OF WARNING/REST HARNESS

FROM WHT(W7550) WIRE OF WARNING/REST HARNESS



\*AP22475

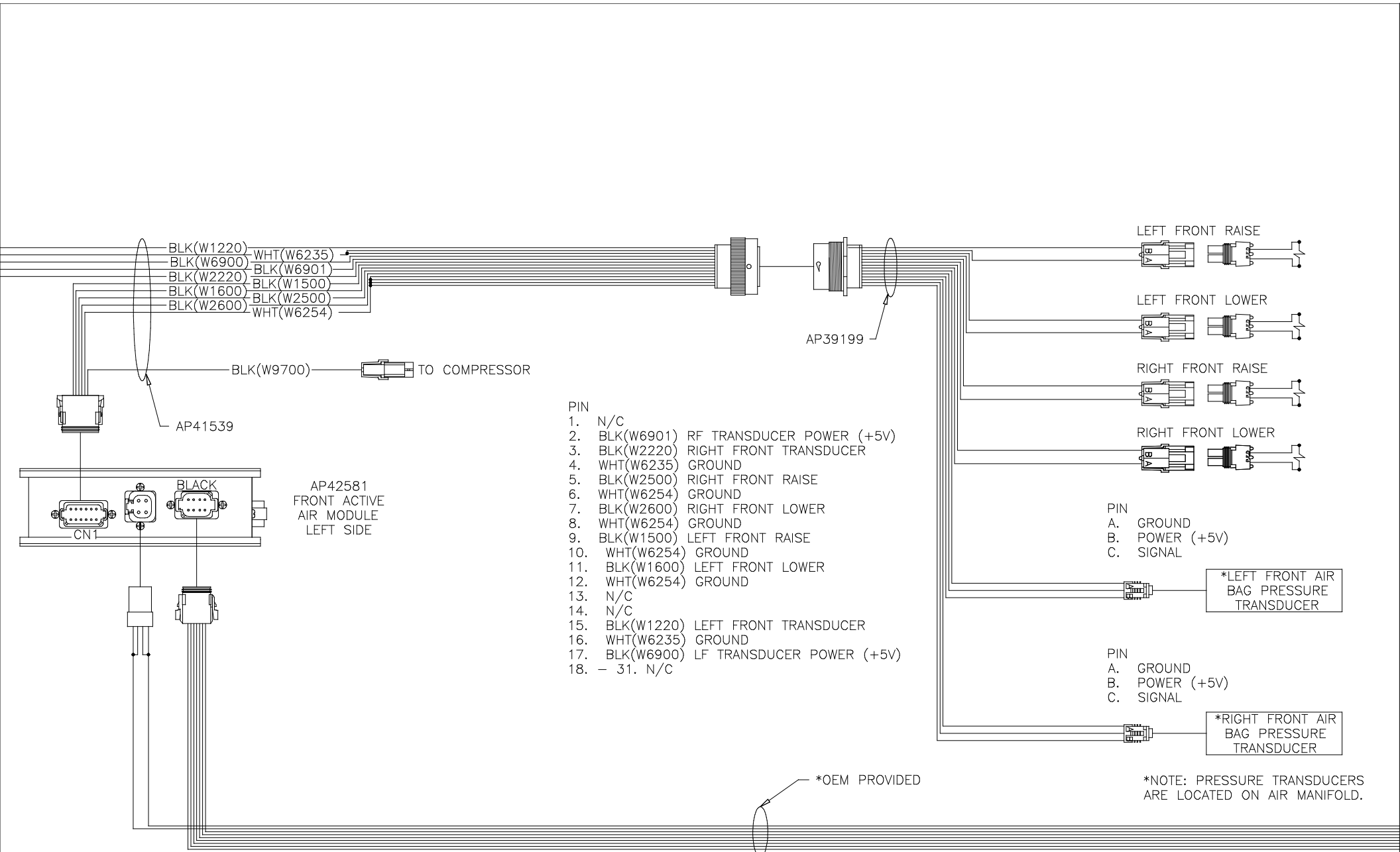


OEM PROVIDED ROOM SELECTOR SWITCH

\*OEM PROVIDED

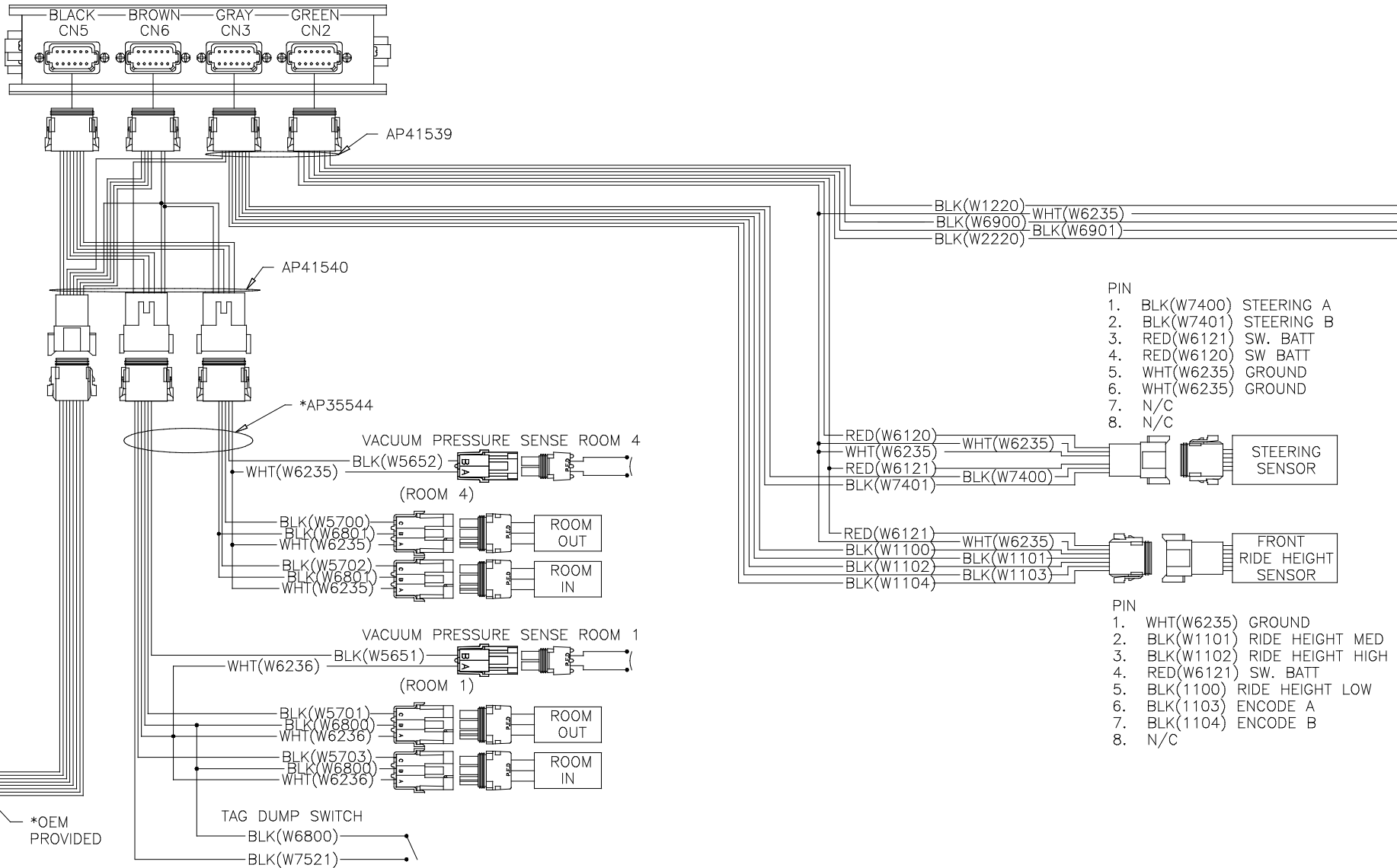
NOTE: ANY COMPONENT MARKED WITH AN "\*" IS AN EXISTING COMPONENT.

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



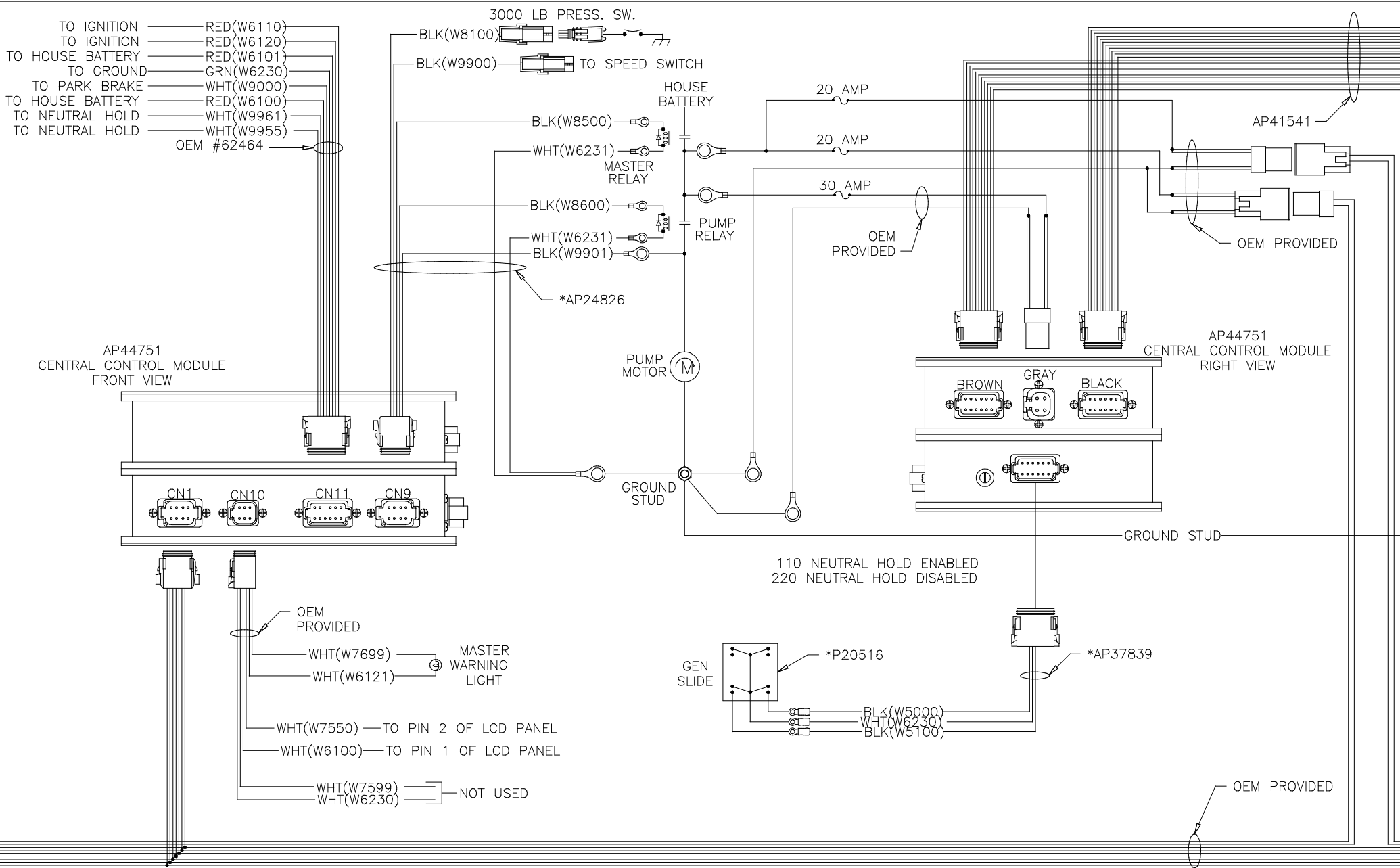
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

AP42581  
FRONT ACTIVE AIR MODULE  
FRONT SIDE

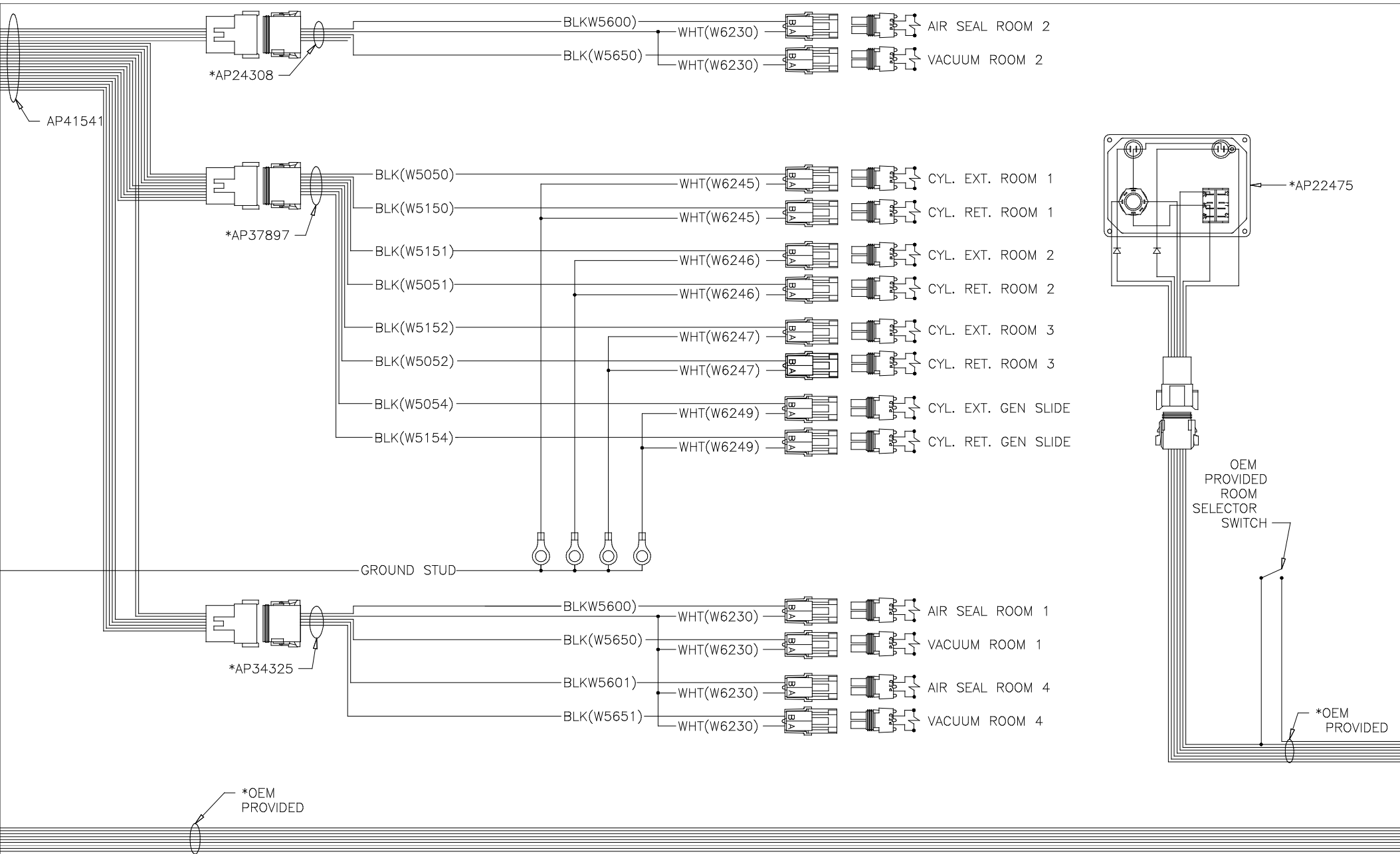


NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



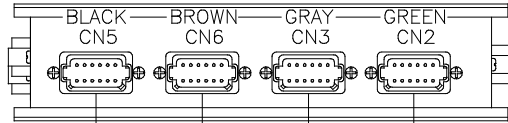


NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

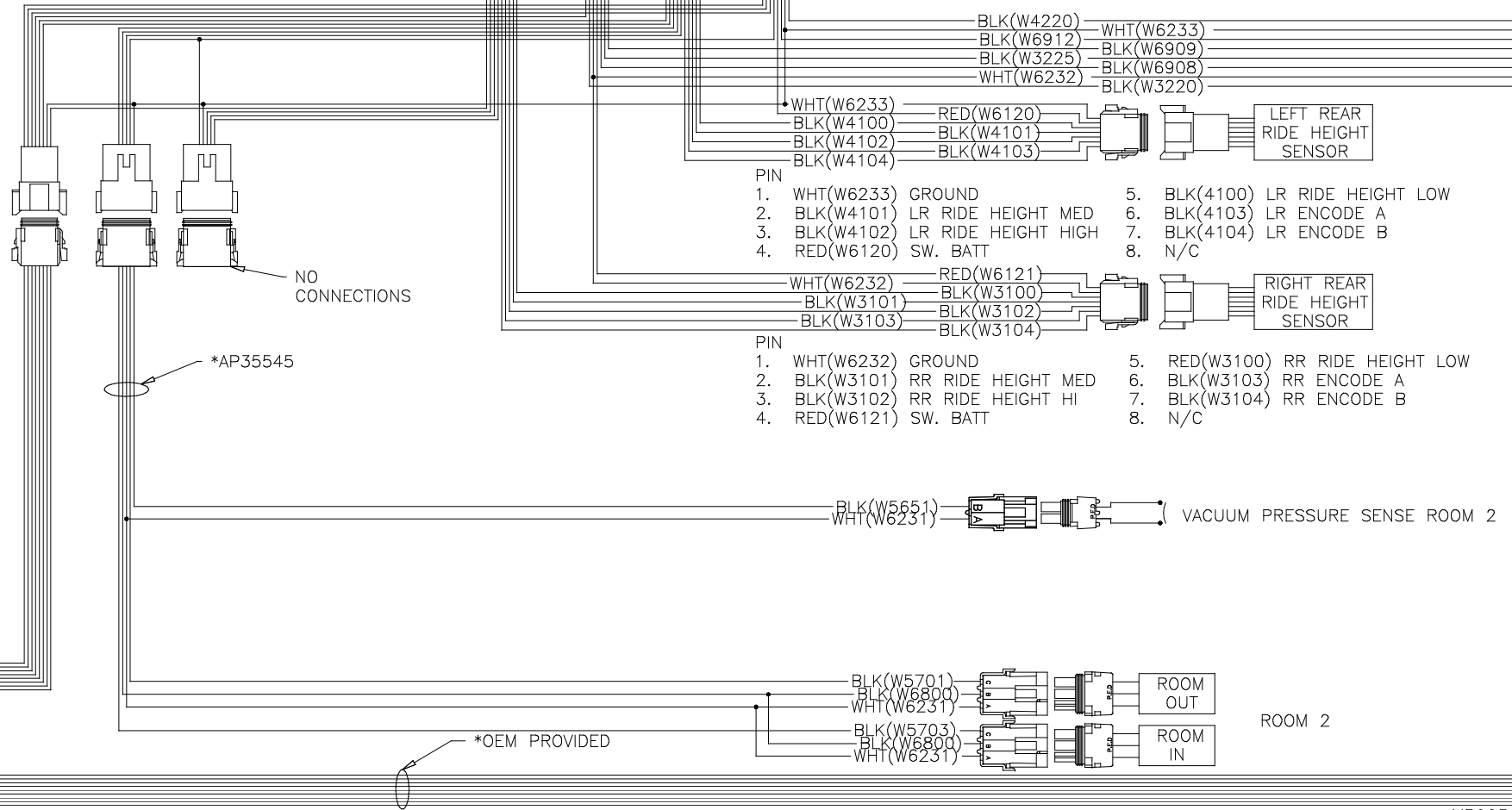


NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

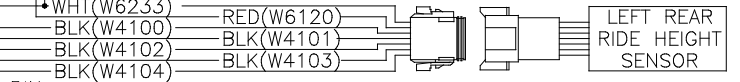
AP43364  
REAR ACTIVE AIR MODULE  
FRONT SIDE



AP44752

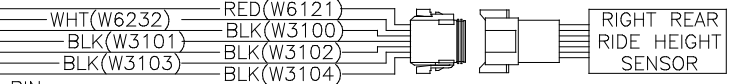


- BLK(W4220) — WHT(W6233)
- BLK(W6912) — BLK(W6909)
- BLK(W3225) — BLK(W6908)
- WHT(W6232) — BLK(W3220)



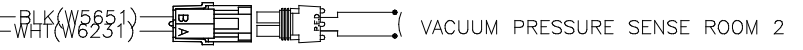
LEFT REAR  
RIDE HEIGHT  
SENSOR

- PIN
- |                                   |                                 |
|-----------------------------------|---------------------------------|
| 1. WHT(W6233) GROUND              | 5. BLK(4100) LR RIDE HEIGHT LOW |
| 2. BLK(W4101) LR RIDE HEIGHT MED  | 6. BLK(4103) LR ENCODE A        |
| 3. BLK(W4102) LR RIDE HEIGHT HIGH | 7. BLK(4104) LR ENCODE B        |
| 4. RED(W6120) SW. BATT            | 8. N/C                          |

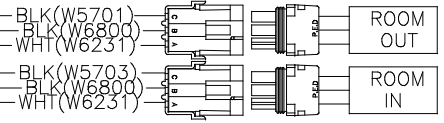


RIGHT REAR  
RIDE HEIGHT  
SENSOR

- PIN
- |                                  |                                  |
|----------------------------------|----------------------------------|
| 1. WHT(W6232) GROUND             | 5. RED(W3100) RR RIDE HEIGHT LOW |
| 2. BLK(W3101) RR RIDE HEIGHT MED | 6. BLK(W3103) RR ENCODE A        |
| 3. BLK(W3102) RR RIDE HEIGHT HI  | 7. BLK(W3104) RR ENCODE B        |
| 4. RED(W6121) SW. BATT           | 8. N/C                           |



VACUUM PRESSURE SENSE ROOM 2



ROOM  
OUT

ROOM  
IN

ROOM 2

\*OEM  
PROVIDED

\*OEM PROVIDED

\*AP35545

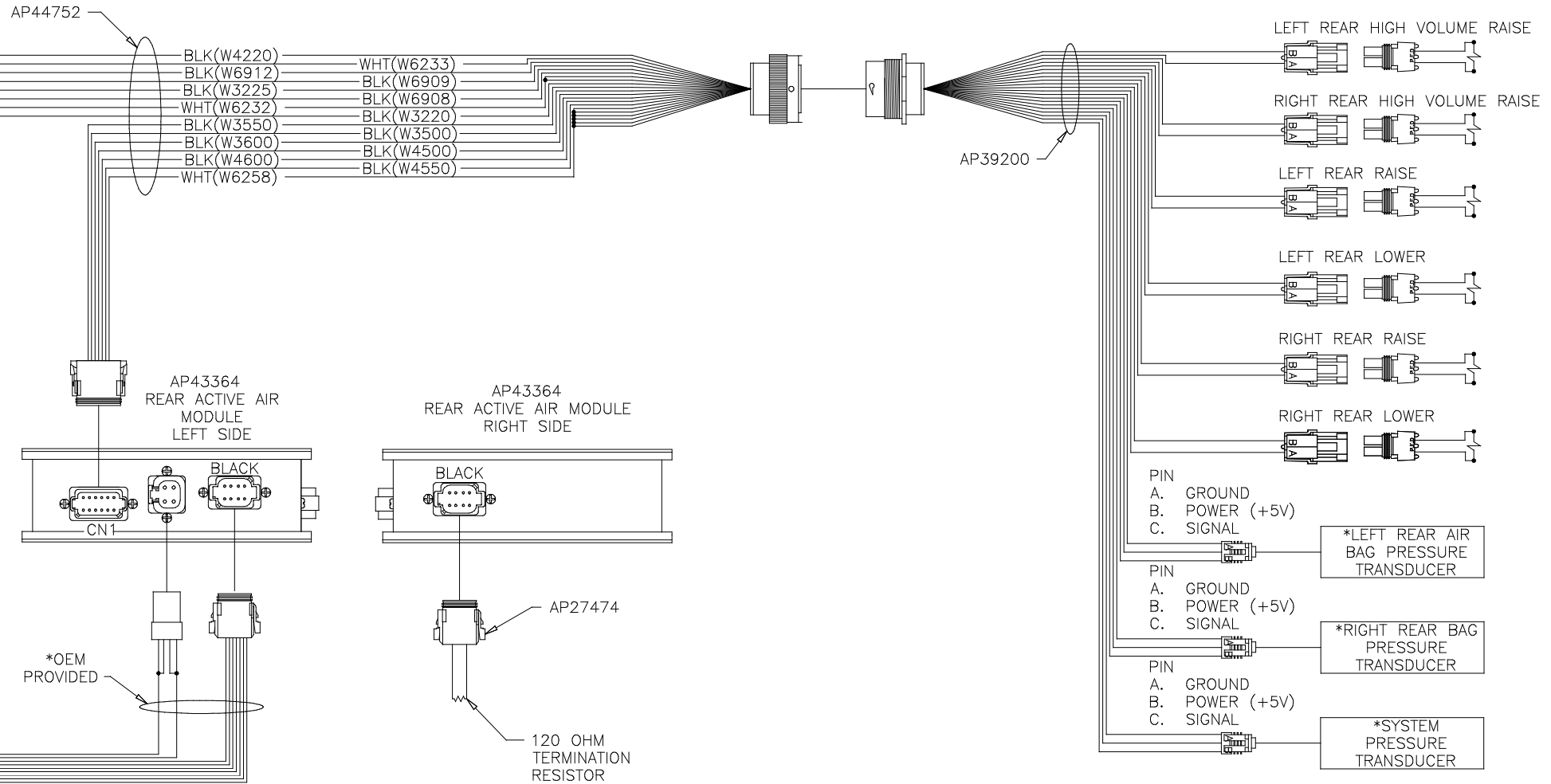
NO  
CONNECTIONS

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

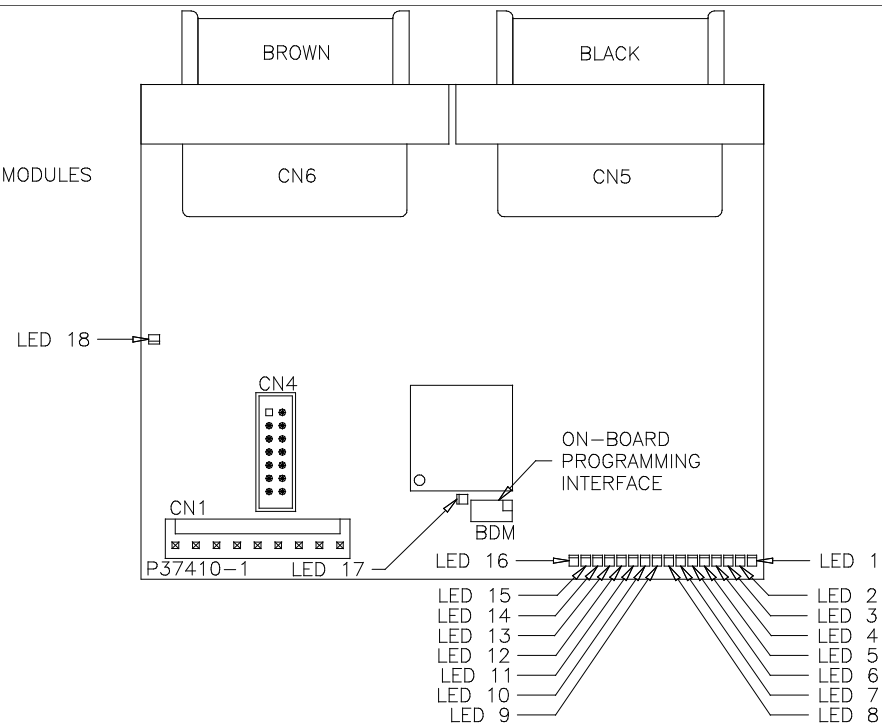
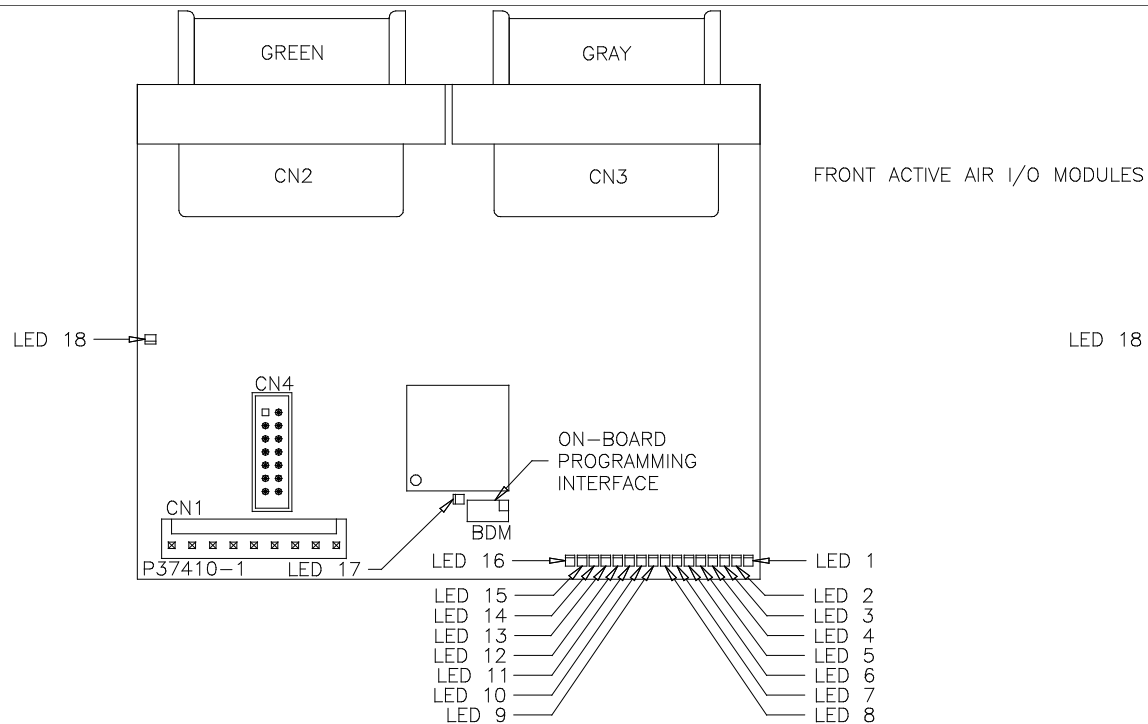
PIN

1. BLK(W3550) RR HV RAISE
2. WHT(W6258) GROUND
3. BLK(W3220) RIGHT REAR TRANSDUCER
4. WHT(W6232) GROUND
5. BLK(W3500) RIGHT REAR RAISE
6. WHT(W6258) GROUND
7. BLK(W3600) RIGHT REAR LOWER
8. WHT(W6258) GROUND
9. BLK(W4500) LEFT REAR RAISE
10. WHT(W6258) GROUND
11. BLK(W4600) LEFT REAR LOWER

12. WHT(W6258) GROUND
13. BLK(W4550) LR HV RAISE
14. WHT(W6258) GROUND
15. BLK(W4220) LEFT REAR TRANSDUCER
16. WHT(W6233) GROUND
17. BLK(W3225) SYSTEM TRANSDUCER
18. WHT(W6232) GROUND
19. BLK(W6912) LR TRANSDUCER POWER (+5V)
20. BLK(W6909) SYSTEM TRANSDUCER POWER (+5V)
21. BLK(W6908) RR TRANSDUCER POWER (+5V)
22. - 31. N/C



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

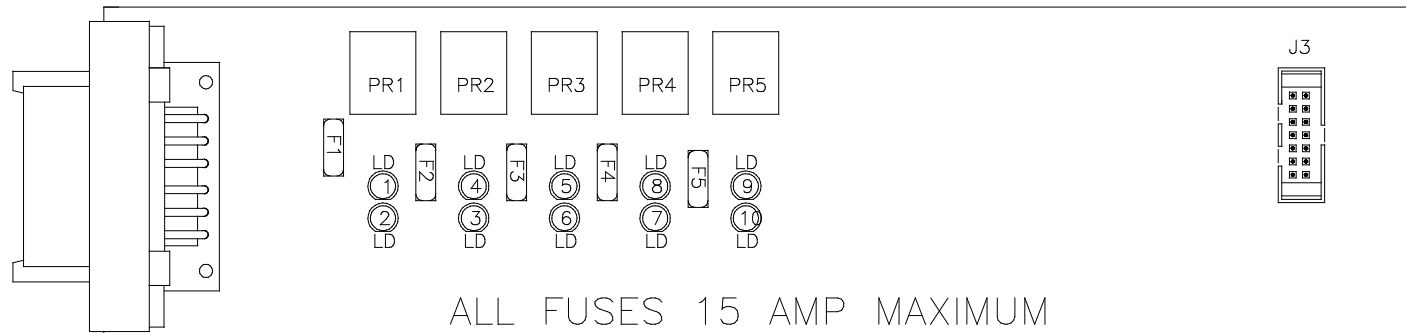


LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN3 PIN 1	RED	FRONT RIDE HEIGHT LOW
LED 2	CN3 PIN 2	GREEN	FRONT RIDE HEIGHT MED
LED 3	CN3 PIN 3	YELLOW	FRONT RIDE HEIGHT HIGH
LED 4	CN3 PIN 4	RED	ENCODE A
LED 5	CN3 PIN 5	GREEN	ENCODE B
LED 6	NOT USED	YELLOW	NOT USED
LED 7	NOT USED	RED	NOT USED
LED 8	CN3 PIN 8	GREEN	STEERING A
LED 9	CN3 PIN 9	YELLOW	STEERING B
LED 10	CN3 PIN 10	RED	TAG DUMP
LED 11	NOT USED	GREEN	NOT USED
LED 12	CN3 PIN 12	YELLOW	ROOM SELECT
LED 13	NOT USED	RED	NOT USED
LED 14	NOT USED	GREEN	NOT USED
LED 15	NOT USED	YELLOW	NOT USED
LED 16	NOT USED	RED	NOT USED
LED 17	NOT APPLICABLE	RED	LINK LIGHT
LED 18	NOT APPLICABLE	RED	POWER TO CAN MODULES

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN5 PIN 1	RED	ROOM 1 ROOM IN
LED 2	CN5 PIN 2	GREEN	ROOM 1 ROOM OUT
LED 3	CN5 PIN 3	YELLOW	ROOM 1 VACUUM SENSOR
LED 4	CN5 PIN 4	RED	ROOM 4 ROOM IN
LED 5	CN5 PIN 5	GREEN	ROOM 4 ROOM OUT
LED 6	CN5 PIN 6	YELLOW	EXTEND (ROOM 1 AND 4)
LED 7	CN5 PIN 7	RED	RETRACT (ROOM 1 AND 4)
LED 8	CN5 PIN 8	GREEN	ROOM 4 VACUUM SENSOR
LED 9	NOT USED	YELLOW	NOT USED
LED 10	NOT USED	RED	NOT USED
LED 11	NOT USED	GREEN	NOT USED
LED 12	NOT USED	YELLOW	NOT USED
LED 13	NOT USED	RED	NOT USED
LED 14	NOT USED	GREEN	NOT USED
LED 15	NOT USED	YELLOW	NOT USED
LED 16	CN6 PIN 8	RED	SYSTEM WAKE UP
LED 17	NOT APPLICABLE	RED	LINK LIGHT
LED 18	NOT APPLICABLE	RED	POWER TO CAN MODULES

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

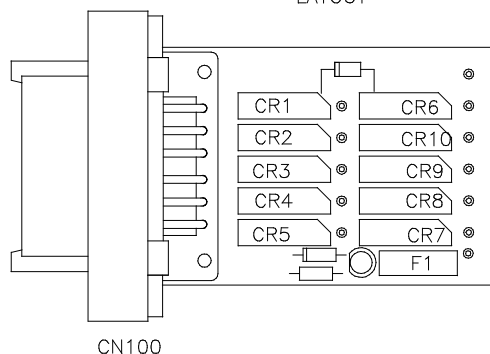
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FRONT AIR  
LED LAYOUT

LED #	COLOR	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	---	---	PR1	LEFT FRONT RAISE (COIL)
LED2	RED	FUSE 1	PIN 1	PR1	LEFT FRONT RAISE (CONTACT)
LED3	RED	FUSE 2	PIN 2	PR2	LEFT FRONT LOWER (CONTACT)
LED4	YELLOW	---	---	PR2	LEFT FRONT LOWER (COIL)
LED5	YELLOW	---	---	PR3	RIGHT FRONT RAISE (COIL)
LED6	RED	FUSE 3	PIN 3	PR3	RIGHT FRONT RAISE (CONTACT)
LED7	RED	FUSE 4	PIN 4	PR4	RIGHT FRONT LOWER (CONTACT)
LED8	YELLOW	---	---	PR4	RIGHT FRONT LOWER (COIL)
LED9	YELLOW	---	---	PR5	COMPRESSOR (COIL)
LED10	RED	FUSE 5	PIN 5	PR5	COMPRESSOR (CONTACT)

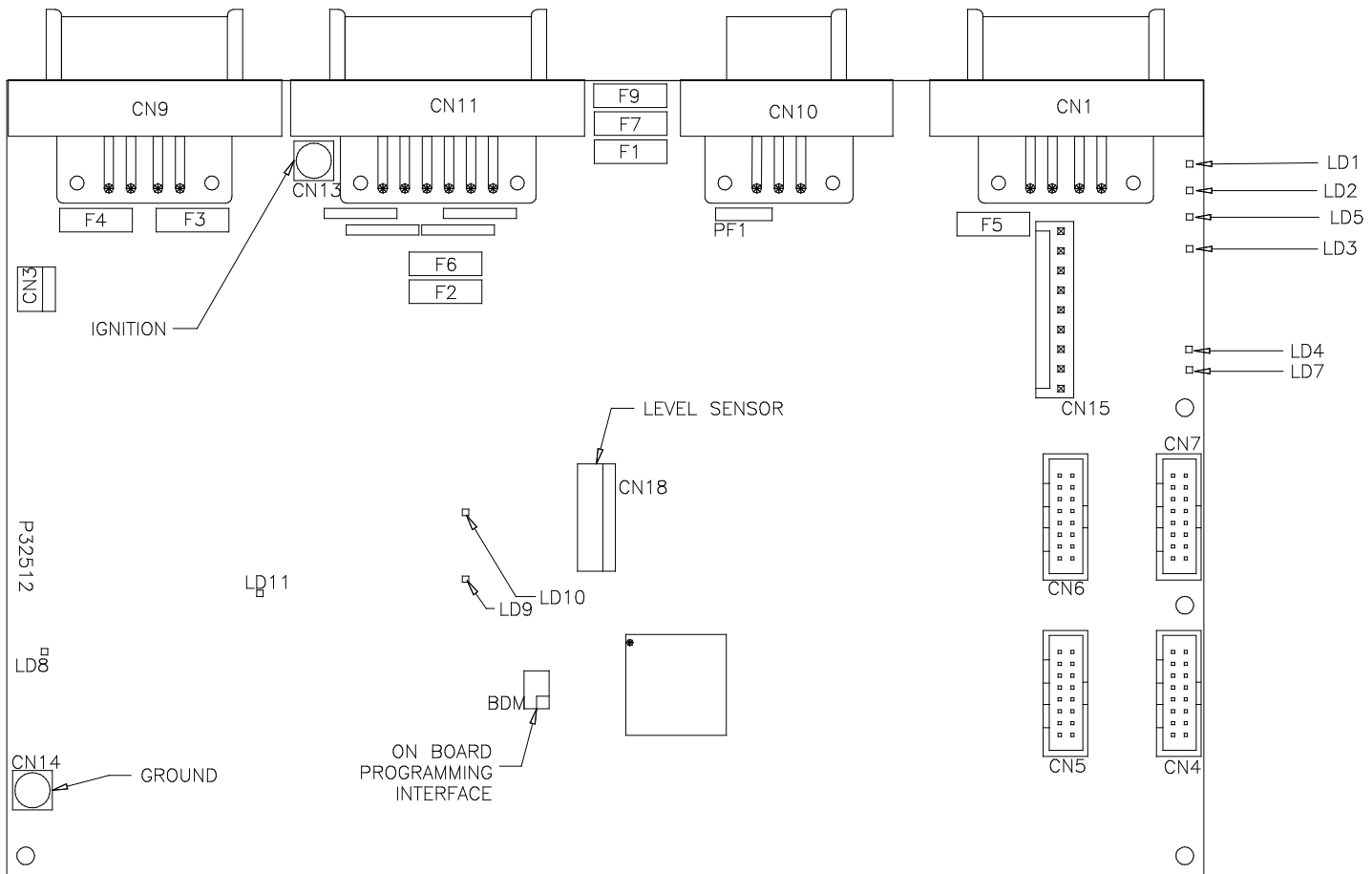
GENERATOR SLIDE/STEP COVER  
REED SWITCH  
LAYOUT



CN100

CONNECTOR	REED SWITCH	DESCRIPTION
CN 100 PIN 1	CR1	GEN SLIDE EXTEND
CN 100 PIN 2	CR2	NOT USED
CN 100 PIN 3	CR3	NOT USED
CN 100 PIN 4	CR4	NOT USED
CN 100 PIN 5	CR5	NOT USED
CN 100 PIN 6	---	GROUND
CN 100 PIN 7	---	NOT USED
CN 100 PIN 8	CR7	NOT USED
CN 100 PIN 9	CR8	NOT USED
CN 100 PIN 10	CR9	NOT USED
CN 100 PIN 11	CR10	NOT USED
CN 100 PIN 12	CR6	GEN SLIDE RETRACT

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

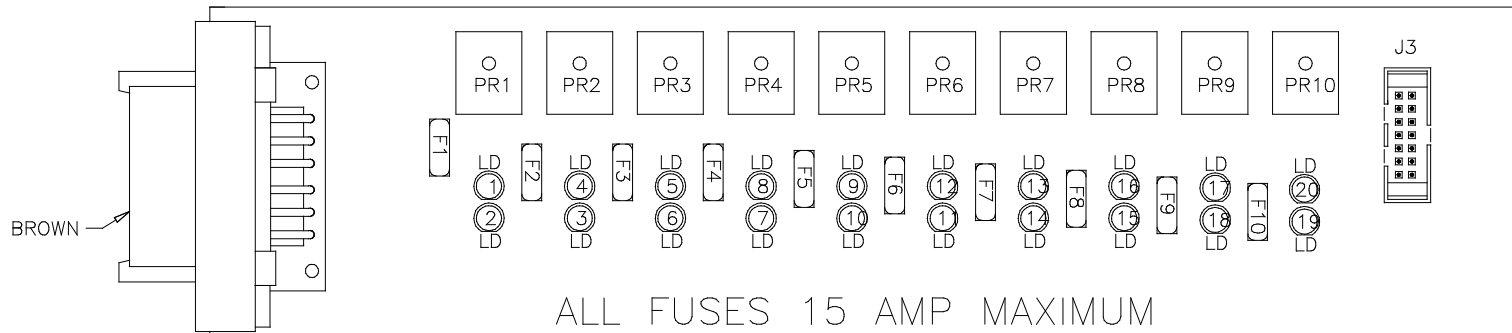


CENTRAL CONTROL MODULE LED LAYOUT

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	POWER TO CN100

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

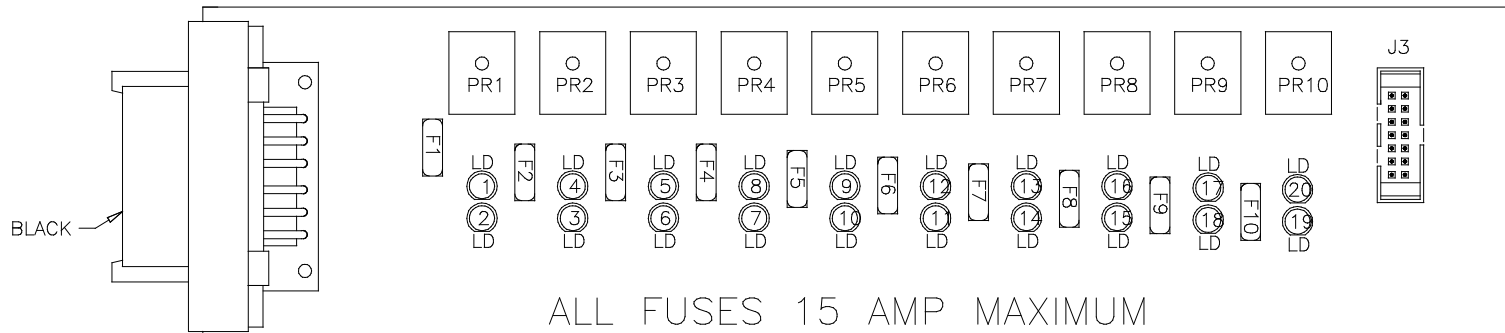


ROOM OUTPUTS  
LED LAYOUT

LED #	COLOR	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	---	---	PR1	CYLINDER EXTEND 1 (COIL)
LED2	RED	FUSE 1	PIN 1	PR1	CYLINDER EXTEND 1 (CONTACT)
LED3	RED	FUSE 2	PIN 2	PR2	CYLINDER RETRACT 1 (CONTACT)
LED4	YELLOW	---	---	PR2	CYLINDER RETRACT 1 (COIL)
LED5	YELLOW	---	---	PR3	AIR SEAL ROOM 1 (COIL)
LED6	RED	FUSE 3	PIN 3	PR3	AIR SEAL ROOM 1 (CONTACT)
LED7	RED	FUSE 4	PIN 4	PR4	VACUUM ROOM 1 (CONTACT)
LED8	YELLOW	---	---	PR4	VACUUM ROOM 1 (COIL)
LED9	YELLOW	---	---	PR5	CYLINDER EXTEND 4 (COIL)
LED10	RED	FUSE 5	PIN 5	PR5	CYLINDER EXTEND 4 (CONTACT)
LED11	RED	FUSE 6	PIN 6	PR6	CYLINDER RETRACT 4 (CONTACT)
LED12	YELLOW	---	---	PR6	CYLINDER RETRACT 4 (COIL)
LED13	YELLOW	---	---	PR7	AIR SEAL ROOM 4 (COIL)
LED14	RED	FUSE 7	PIN 7	PR7	AIR SEAL ROOM 4 (CONTACT)
LED15	RED	FUSE 8	PIN 8	PR8	VACCUM ROOM 4 (CONTACT)
LED16	YELLOW	---	---	PR8	VACCUM ROOM 4 (COIL)
LED17	YELLOW	---	---	PR9	CYLINDER EXTEND GEN (COIL)
LED18	RED	FUSE 9	PIN 9	PR9	CYLINDER EXTEND GEN (CONTACT)
LED19	RED	FUSE 10	PIN 10	PR10	CYLINDER RETRACT GEN (CONTACT)
LED20	YELLOW	---	---	PR10	CYLINDER RETRACT GEN (COIL)

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



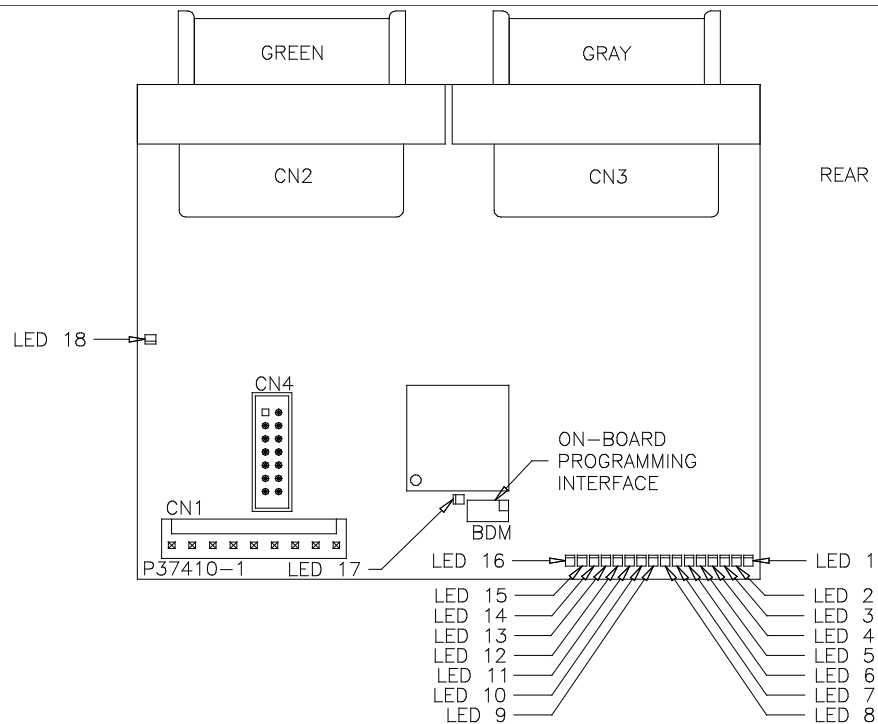


ROOM OUTPUTS  
LED LAYOUT

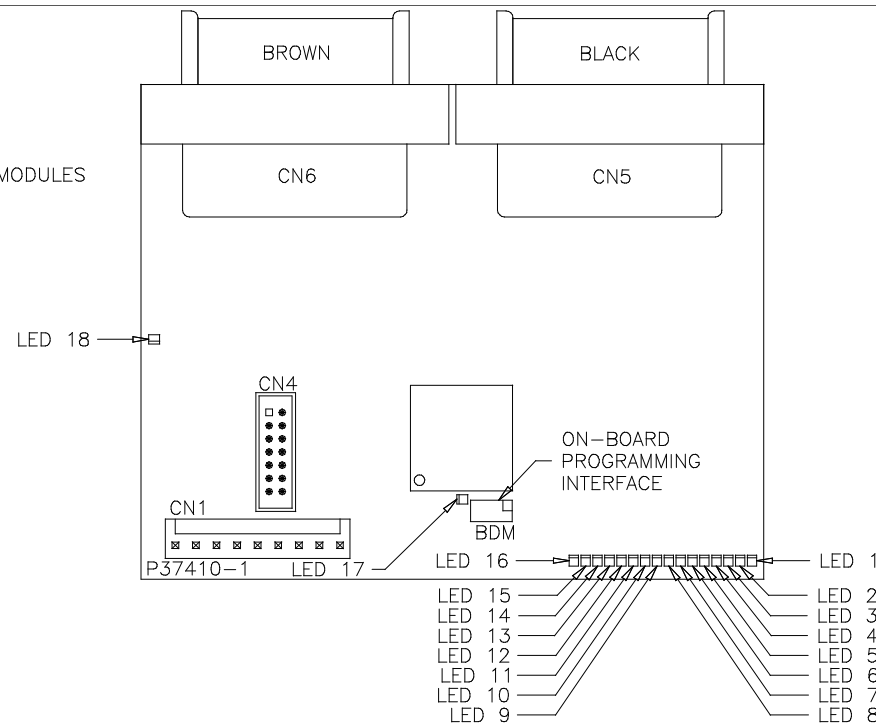
LED #	COLOR	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	---	---	PR1	CYLINDER EXTEND 2 (COIL)
LED2	RED	FUSE 1	PIN 1	PR1	CYLINDER EXTEND 2 (CONTACT)
LED3	RED	FUSE 2	PIN 2	PR2	CYLINDER RETRACT 2 (CONTACT)
LED4	YELLOW	---	---	PR2	CYLINDER RETRACT 2 (COIL)
LED5	YELLOW	---	---	PR3	AIR SEAL ROOM 2 (COIL)
LED6	RED	FUSE 3	PIN 3	PR3	AIR SEAL ROOM 2 (CONTACT)
LED7	RED	FUSE 4	PIN 4	PR4	VACUUM ROOM 2 (CONTACT)
LED8	YELLOW	---	---	PR4	VACUUM ROOM 2 (COIL)
LED9	YELLOW	---	---	PR5	NOT USED
LED10	RED	FUSE 5	PIN 5	PR5	NOT USED
LED11	RED	FUSE 6	PIN 6	PR6	NOT USED
LED12	YELLOW	---	---	PR6	NOT USED
LED13	YELLOW	---	---	PR7	NOT USED
LED14	RED	FUSE 7	PIN 7	PR7	NOT USED
LED15	RED	FUSE 8	PIN 8	PR8	NOT USED
LED16	YELLOW	---	---	PR8	NOT USED
LED17	YELLOW	---	---	PR9	NOT USED
LED18	RED	FUSE 9	PIN 9	PR9	NOT USED
LED19	RED	FUSE 10	PIN 10	PR10	NOT USED
LED20	YELLOW	---	---	PR10	NOT USED

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

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REAR ACTIVE AIR I/O MODULES

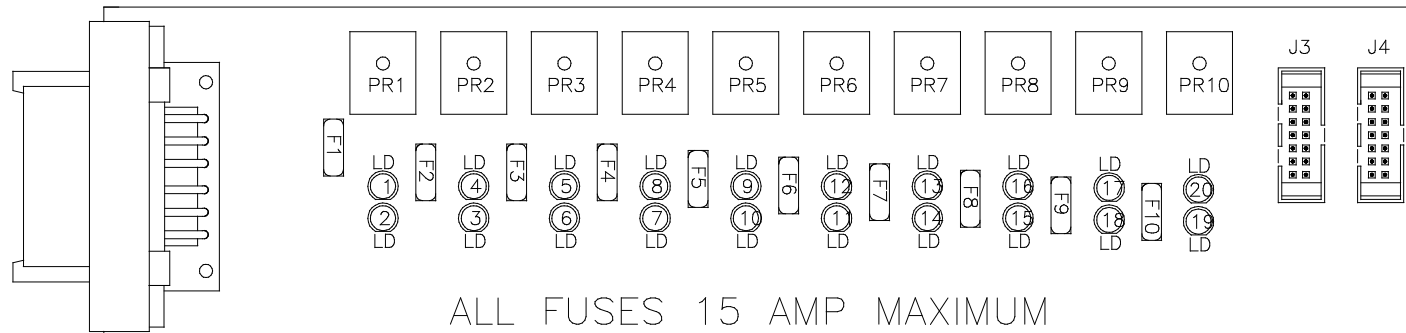


LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN3 PIN 1	RED	LR RIDE HEIGHT LOW
LED 2	CN3 PIN 2	GREEN	LR RIDE HEIGHT MED
LED 3	CN3 PIN 3	YELLOW	LR RIDE HEIGHT HIGH
LED 4	CN3 PIN 4	RED	LR ENCODE A
LED 5	CN3 PIN 5	GREEN	LR ENCODE B
LED 6	CN3 PIN 6	YELLOW	EXTEND
LED 7	CN3 PIN 7	RED	RETRACT
LED 8	NOT USED	GREEN	NOT USED
LED 9	NOT USED	YELLOW	NOT USED
LED 10	CN3 PIN 10	RED	ROOM 2 ROOM IN
LED 11	CN3 PIN 11	GREEN	ROOM 2 ROOM OUT
LED 12	CN3 PIN 12	YELLOW	ROOM 2 VACUUM SENSOR
LED 13	NOT USED	RED	NOT USED
LED 14	NOT USED	GREEN	NOT USED
LED 15	NOT USED	YELLOW	NOT USED
LED 16	CN2 PIN 8	RED	SYSTEM WAKE UP
LED 17	NOT APPLICABLE	RED	LINK LIGHT
LED 18	NOT APPLICABLE	RED	POWER TO CAN MODULES

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN5 PIN 1	RED	RR RIDE HEIGHT LOW
LED 2	CN5 PIN 2	GREEN	RR RIDE HEIGHT MED
LED 3	CN5 PIN 3	YELLOW	RR RIDE HEIGHT HIGH
LED 4	CN5 PIN 4	RED	RR ENCODE A
LED 5	CN5 PIN 5	GREEN	RR ENCODE B
LED 6	CN5 PIN 6	YELLOW	NOT USED
LED 7	NOT USED	RED	NOT USED
LED 8	NOT USED	GREEN	NOT USED
LED 9	NOT USED	YELLOW	NOT USED
LED 10	CN5 PIN 10	RED	NOT USED
LED 11	CN5 PIN 11	GREEN	NOT USED
LED 12	CN5 PIN 12	YELLOW	NOT USED
LED 13	NOT USED	RED	NOT USED
LED 14	NOT USED	GREEN	NOT USED
LED 15	NOT USED	YELLOW	NOT USED
LED 16	NOT USED	RED	NOT USED
LED 17	NOT APPLICABLE	RED	LINK LIGHT
LED 18	NOT APPLICABLE	RED	POWER TO CAN MODULES

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

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REAR AIR  
LED LAYOUT

LED #	COLOR	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	---	---	PR1	LEFT REAR RAISE (COIL)
LED2	RED	FUSE 1	PIN 1	PR1	LEFT REAR RAISE (CONTACT)
LED3	RED	FUSE 2	PIN 2	PR2	LEFT REAR LOWER (CONTACT)
LED4	YELLOW	---	---	PR2	LEFT REAR LOWER (COIL)
LED5	YELLOW	---	---	PR3	LEFT REAR HIGH VOL RAISE (COIL)
LED6	RED	FUSE 3	PIN 3	PR3	LEFT REAR HIGH VOL RAISE (CONTACT)
LED7	RED	FUSE 4	PIN 4	PR4	NOT USED
LED8	YELLOW	---	---	PR4	NOT USED
LED9	YELLOW	---	---	PR5	RIGHT REAR RAISE (COIL)
LED10	RED	FUSE 5	PIN 5	PR5	RIGHT REAR RAISE (CONTACT)
LED11	RED	FUSE 6	PIN 6	PR6	RIGHT REAR LOWER (CONTACT)
LED12	YELLOW	---	---	PR6	RIGHT REAR LOWER (COIL)
LED13	YELLOW	---	---	PR7	RIGHT REAR HIGH VOL RAISE (COIL)
LED14	RED	FUSE 7	PIN 7	PR7	RIGHT REAR HIGH VOL RAISE (CONTACT)
LED15	RED	FUSE 8	PIN 8	PR8	NOT USED
LED16	YELLOW	---	---	PR8	NOT USED
LED17	YELLOW	---	---	PR9	NOT USED
LED18	RED	FUSE 9	PIN 9	PR9	NOT USED
LED19	RED	FUSE 10	PIN 10	PR10	NOT USED
LED20	YELLOW	---	---	PR10	NOT USED

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

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