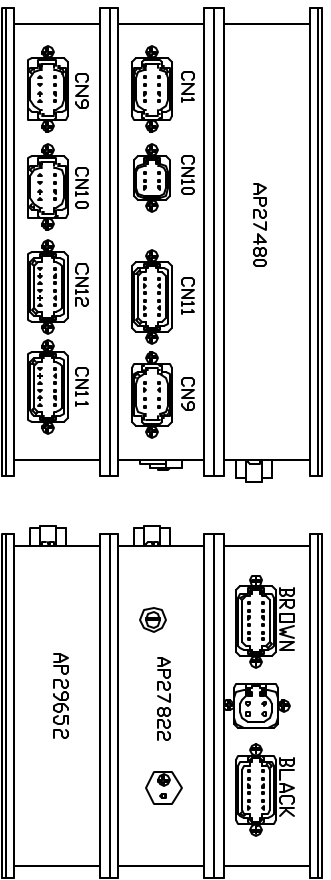


AP29645  
CENTRAL CONTROL MODULE



- AP27822 CNI1 (BLACK)
- |     |   |             |
|-----|---|-------------|
| PIN | 1 | N/C         |
|     | 2 | N/C         |
|     | 3 | RED SW BATT |
|     | 4 | WHT GROUND  |
|     | 5 | CAN SHIELD  |
|     | 6 | N/C         |
|     | 7 | GRN CAN LOW |
|     | 8 | YEL CAN HI  |
- AP27822 CNI0 (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 |

- AP29652 CNI1 (BLACK)
- |     |   |                           |
|-----|---|---------------------------|
| PIN | 1 | BLK(W7696) SYSTEM WAKE UP |
|     | 2 | N/C                       |
|     | 3 | RED SW BATT               |
|     | 4 | WHT GROUND                |
|     | 5 | CAN SHIELD                |
|     | 6 | N/C                       |
|     | 7 | GRN CAN LOW               |
|     | 8 | YEL CAN HI                |
- AP29652 CNI0 (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           |

- AP27480 (BROWN)
- |     |    |                           |
|-----|----|---------------------------|
| PIN | 1  | BLK(W5050) EXTEND ROOM 1  |
|     | 2  | BLK(W5150) RETRACT ROOM 1 |
|     | 3  | BLK(W5200) LOCK ROOM 1    |
|     | 4  | BLK(W5300) UNLOCK ROOM 1  |
|     | 5  | BLK(W5051) EXTEND ROOM 2  |
|     | 6  | BLK(W5151) RETRACT ROOM 2 |
|     | 7  | BLK(W5600) AIR SEAL       |
|     | 8  | BLK(W5500) VACUUM         |
|     | 9  | BLK(W5301) UNLOCK ROOM 2  |
|     | 10 | BLK(W5201) LOCK ROOM 2    |
|     | 11 | N/C                       |
|     | 12 | N/C                       |
- AP27480 (BLACK)
- |     |   |                    |
|-----|---|--------------------|
| PIN | 1 | BLK(W6800) SW BATT |
|     | 2 | BLK(W6800) SW BATT |
|     | 3 | WHT(W6230) GROUND  |
|     | 4 | WHT(W6230) GROUND  |
- AP27480 (GRAY)
- |     |    |                             |
|-----|----|-----------------------------|
| PIN | 1  | BLK(W7600) CRX1             |
|     | 2  | BLK(W1400) LEFT FRONT JACK  |
|     | 3  | BLK(W2400) RIGHT FRONT JACK |
|     | 4  | N/C                         |
|     | 5  | BLK(W3400) RIGHT REAR JACK  |
|     | 6  | BLK(W7601) CRX2             |
|     | 7  | BLK(W4400) LEFT REAR JACK   |
|     | 8  | N/C                         |
|     | 9  | N/C                         |
|     | 10 | N/C                         |
|     | 11 | N/C                         |
|     | 12 | N/C                         |

- AP27822 CNI1 (GRAY)
- |     |    |                              |
|-----|----|------------------------------|
| PIN | 1  | RED(W6110) IGNITION          |
|     | 2  | N/C                          |
|     | 3  | N/C                          |
|     | 4  | N/C                          |
|     | 5  | RED(W6120) ACCESSORY         |
|     | 6  | RED(W6100) CDACH BATTERY     |
|     | 7  | WHT(W6230) GROUND            |
|     | 8  | N/C                          |
|     | 9  | N/C                          |
|     | 10 | N/C                          |
|     | 11 | BLK(W9000) PARK BRAKE SWITCH |
|     | 12 | RED(W6101) ENGINE BATTERY    |
- AP27822 CNI2 (GRAY)
- |     |    |                                    |
|-----|----|------------------------------------|
| PIN | 1  | BLK(W1000) LEFT FRONT WARNING SW.  |
|     | 2  | BLK(W2000) RIGHT FRONT WARNING SW. |
|     | 3  | BLK(W3000) RIGHT REAR WARNING SW.  |
|     | 4  | BLK(W4000) LEFT REAR WARNING SW.   |
|     | 5  | N/C                                |
|     | 6  | WHT(W6235) GROUND                  |
|     | 7  | N/C                                |
|     | 8  | N/C                                |
|     | 9  | N/C                                |
|     | 10 | N/C                                |
|     | 11 | BLK(W9000) PARK BRAKE SWITCH       |
|     | 12 | RED(W6101) ENGINE BATTERY          |
- AP27822 CNI9 (GREEN)
- |     |   |                                    |
|-----|---|------------------------------------|
| PIN | 1 | BLK(W8500) MASTER RELAY CNTRL      |
|     | 2 | BLK(W8100) 3000 LB PSW.            |
|     | 3 | BLK(W8101) 50 LB PSW.              |
|     | 4 | BLK(W8600) PMP RELAY CNTRL         |
|     | 5 | N/C                                |
|     | 6 | BLK(W9901) SW BATT FROM PUMP RELAY |
|     | 7 | N/C                                |
|     | 8 | N/C                                |

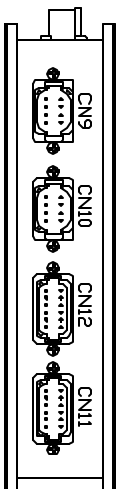
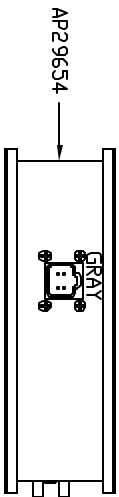
- AP29652 CNI2 (GRAY)
- |     |    |                                     |
|-----|----|-------------------------------------|
| PIN | 1  | BLK(W1000) LEFT FRONT WARNING SW.   |
|     | 2  | BLK(W2000) RIGHT FRONT WARNING SW.  |
|     | 3  | BLK(W3000) RIGHT REAR WARNING SW.   |
|     | 4  | BLK(W4000) LEFT REAR WARNING SW.    |
|     | 5  | N/C                                 |
|     | 6  | WHT(W6235) GROUND                   |
|     | 7  | N/C                                 |
|     | 8  | N/C                                 |
|     | 9  | BLK(W4200) LEFT REAR PRESSURE SW.   |
|     | 10 | BLK(W3200) RIGHT REAR PRESSURE SW.  |
|     | 11 | BLK(W2200) RIGHT FRONT PRESSURE SW. |
|     | 12 | BLK(W1200) LEFT FRONT PRESSURE SW.  |
- AP26125 CNI1 (GREEN)
- |     |    |                                |
|-----|----|--------------------------------|
| PIN | 1  | BLK(W5704) UPPER FRONT UNL DCK |
|     | 2  | BLK(W5700) REAR ROOM OUT       |
|     | 3  | BLK(W5703) UPPER FRONT ROOM IN |
|     | 4  | N/C                            |
|     | 5  | N/C                            |
|     | 6  | WHT(W6230) GROUND              |
|     | 7  | RED(W6120) SW BATTERY          |
|     | 8  | N/C                            |
|     | 9  | BLK(W5709) UPPER REAR LOCK     |
|     | 10 | BLK(W5702) UPPER REAR ROOM IN  |
|     | 11 | BLK(W5708) UPPER FRONT LOCK    |
|     | 12 | BLK(W5705) UPPER REAR UNL DCK  |

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

5	13SEP07	ADDED INSTALLATION NOTE
3	21DEC05	UPDATED LED'S
2	05MAY05	CORR. TYPD ON L SHEET
1	05OCT04	DRAWING # WAS A/I
NOI	DATE	REVISION

SCALE	1:3	DATE	06JAN03	DRAWN BY	
HWH					
1-80 EXIT 267 SOUTH					
RT 1 MOSCOW, IOWA 52760					
SYSTEM SCHEMATIC ELEC					
					DRAWING NUMBER
					MP89007 A/L

AP29646  
ROOM 2 MODULE



- AP29654 (GRAY)  
PIN  
1 BLK(W5600) AIR SEAL  
2 WHT(V6230) GROUND  
3 BLK(W5650) VACUUM  
4 N/C

- AP29654 CN9 (BLACK)  
PIN  
1 BLK(W7696) SYSTEM WAKE UP  
2 N/C  
3 RED SW BATTERY  
4 WHT GROUND  
5 CAN SHIELD  
6 N/C  
7 GRN CAN LOW  
8 YEL CAN HI

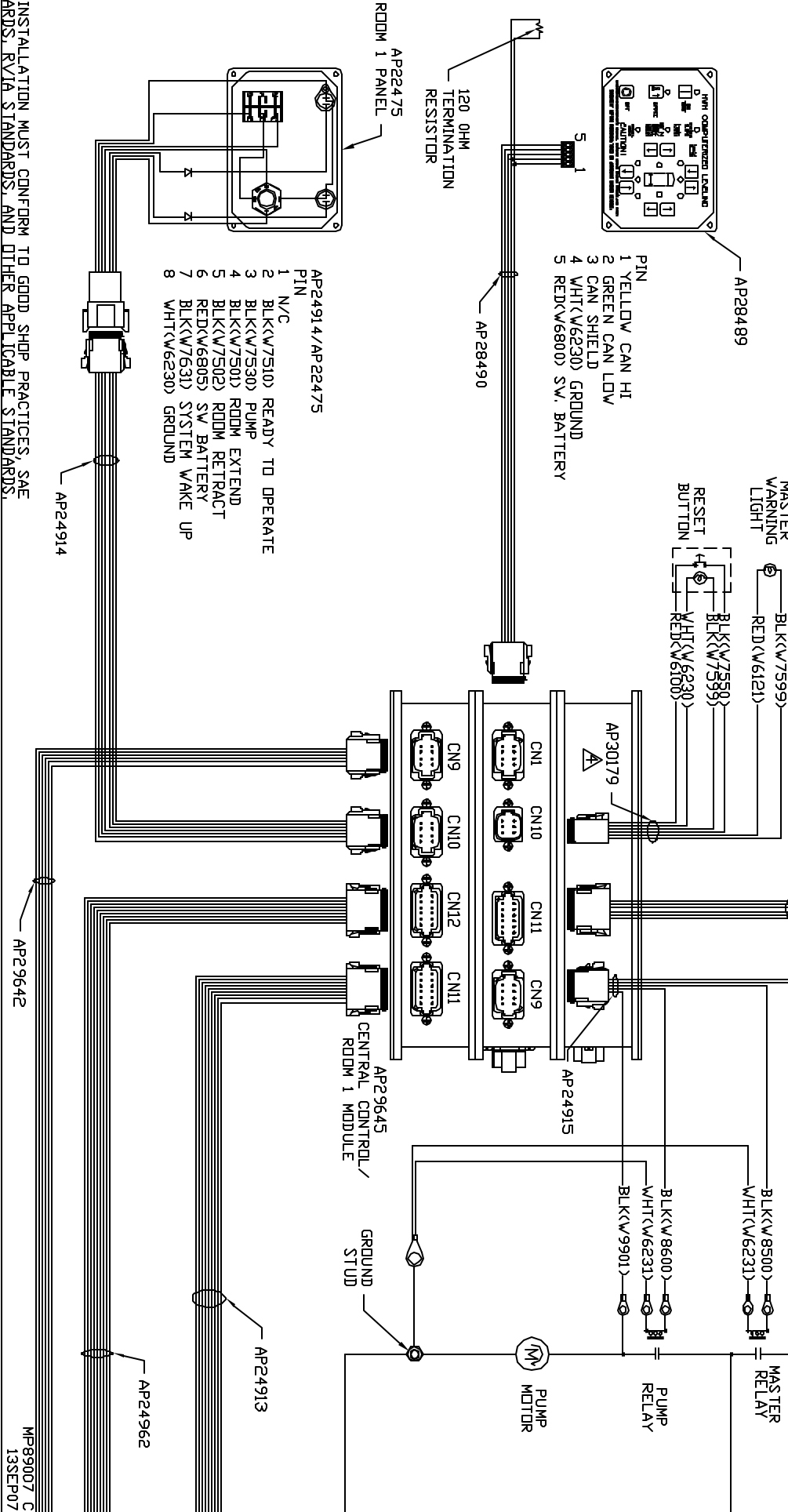
- AP29654 CN10 (GRAY)  
PIN  
1 N/C  
2 BLK(W7510) READY TO OPERATE  
3 BLK(W7530) PUMP  
4 BLK(W7501) EXTEND  
5 BLK(W7502) RETRACT  
6 RED(W6805) SW BATTERY  
7 BLK(W7631) SYSTEM WAKE UP  
8 WHT(V6230) GROUND

- AP29654 CN12 (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  
9 N/C  
10 N/C  
11 N/C  
12 N/C

- AP29654 CN11 (GREEN)  
PIN  
1 BLK(W5704) UPPER FRONT UNLOCK  
2 BLK(W5700) REAR ROOM OUT  
3 BLK(W5703) UPPER FRONT ROOM IN  
4 N/C  
5 N/C  
6 WHT(V6230) GROUND  
7 RED(W6120) SW BATTERY  
8 N/C  
9 BLK(W5709) UPPER REAR LOCK  
10 BLK(W5702) UPPER REAR ROOM IN  
11 BLK(W5708) UPPER FRONT LOCK  
12 BLK(W5705) UPPER REAR UNLOCK

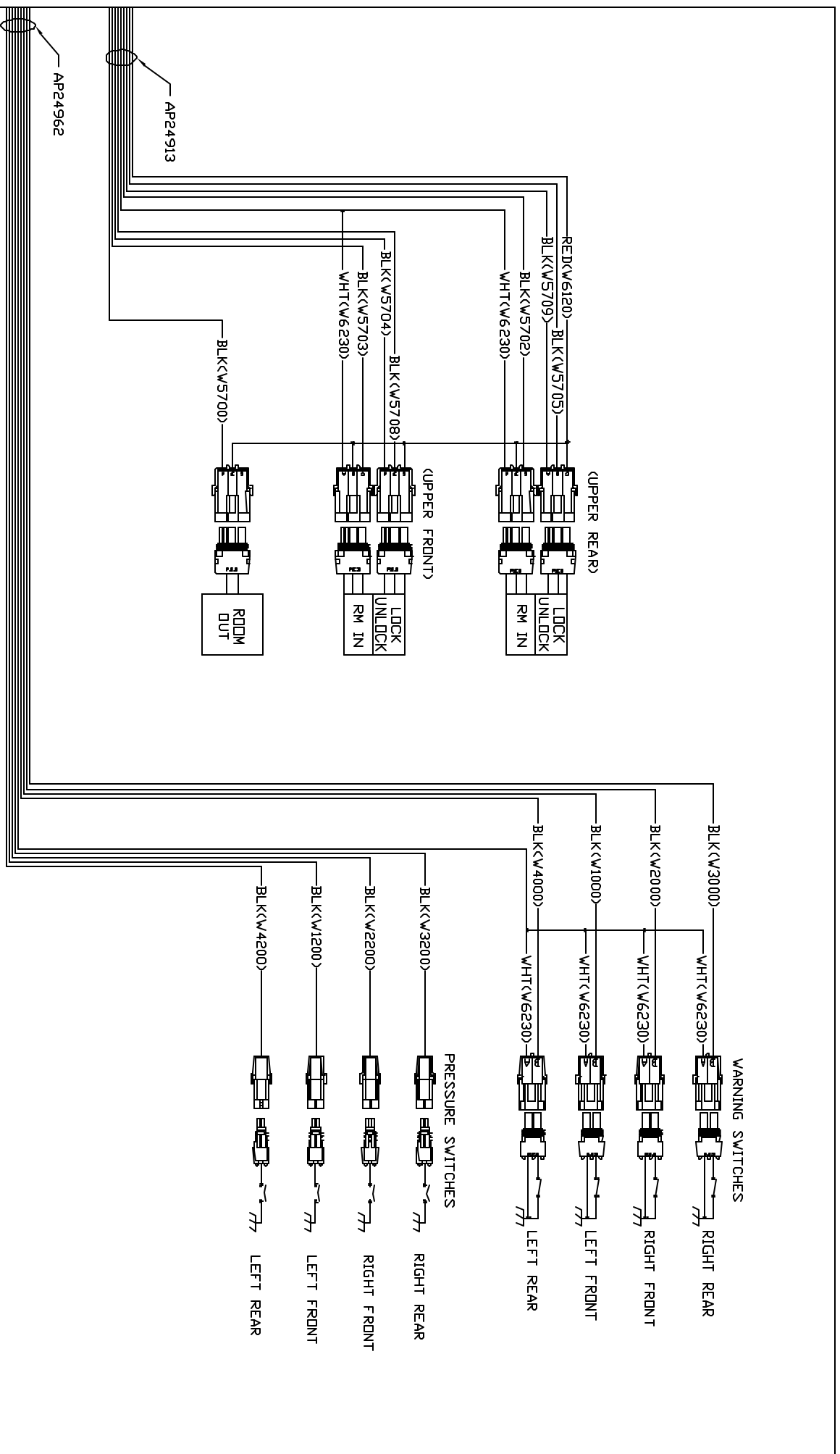
NOTE: INSTALLATION MUST CONFORM TO GOOD SHIP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

NOTE: 120 OHM TERMINATING RESISTOR IN CABLE. MEASURE RESISTANCE VALUE ACROSS PINS 7 AND 8 ON THE BLACK 8 PIN CAN CONNECTOR. RESISTANCE WILL READ THE TWO TERMINATING RESISTORS IN PARALLEL.



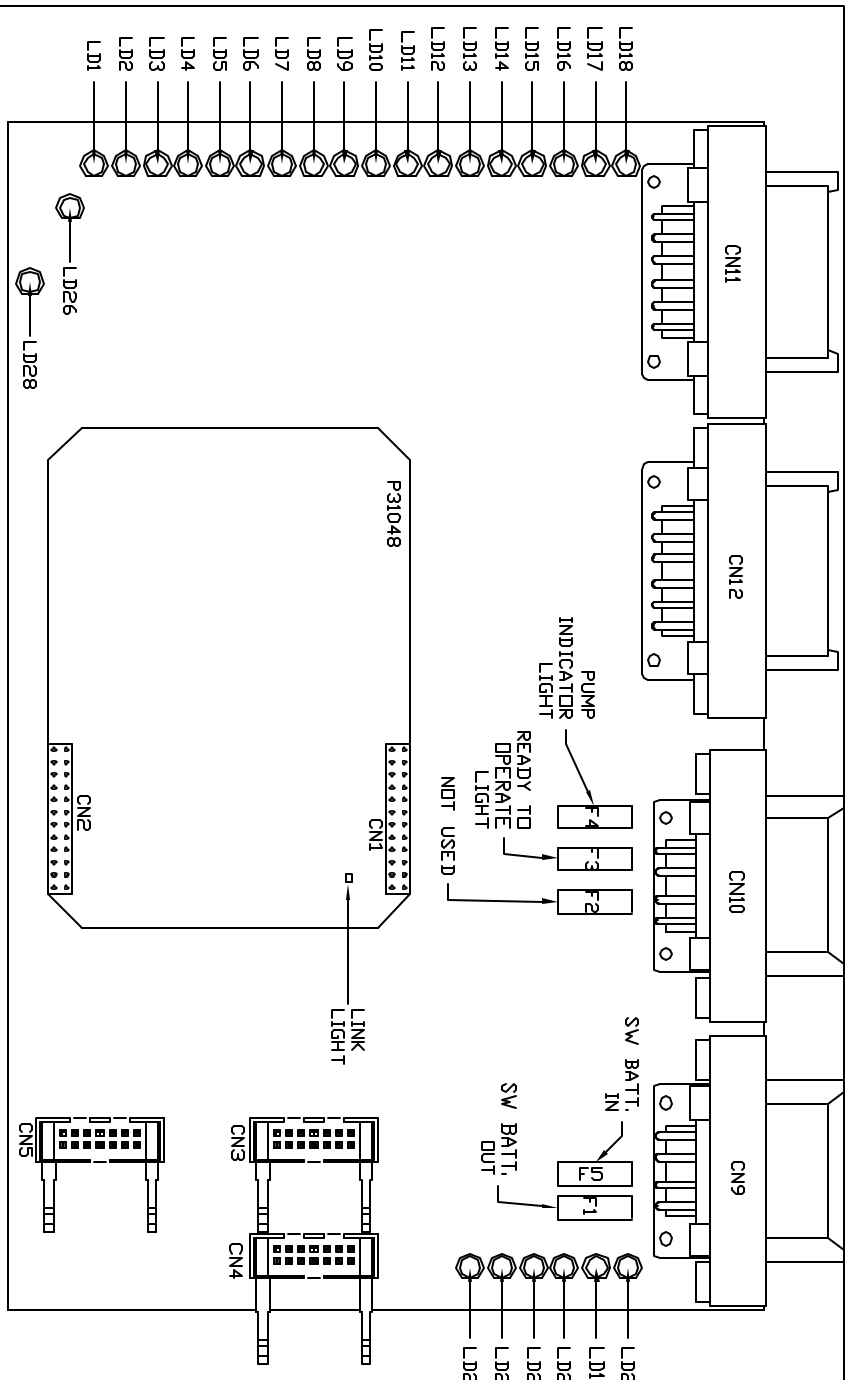
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NOTE: INSTALLATION MUST CONFORM TO GOOD SHIP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



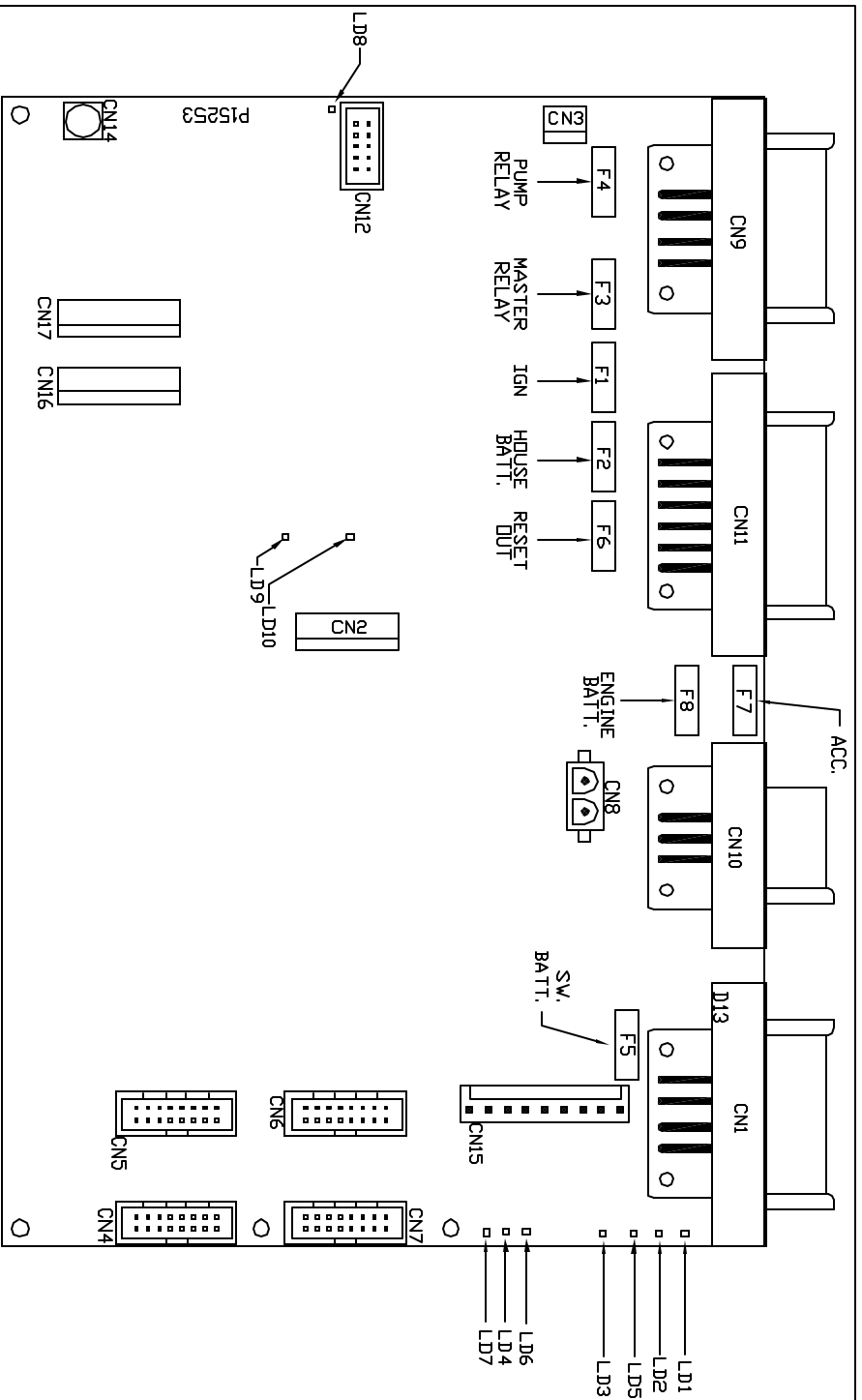


ROOM 1  
LED LAYOUT

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN10 PIN 4	RED	EXTEND
LED 2	CN10 PIN 5	RED	RETRACT
LED 3	NOT USED	GREEN	NOT USED
LED 4	NOT USED	YELLOW	NOT USED
LED 5	CN11 PIN 2	YELLOW	ROOM OUT
LED 6	CN12 PIN 2	YELLOW	RF WARNING SW
LED 7	CN11 PIN 3	GREEN	UR ROOM IN
LED 8	CN12 PIN 3	GREEN	RF WARNING SW
LED 9	CN11 PIN 10	GREEN	UR ROOM IN
LED 10	CN12 PIN 10	GREEN	RR PRESSURE SW
LED 11	CN11 PIN 1	YELLOW	UF UNLOCK

LED #	CONNECTOR	COLOR	DESCRIPTION
LED 12	CN12 PIN 1	YELLOW	LF WARNING SW
LED 13	CN11 PIN 12	YELLOW	UR UNLOCK
LED 14	CN12 PIN 12	YELLOW	LF PRESSURE SW
LED 15	NOT USED	GREEN	NOT USED
LED 16	CN12 PIN 4	GREEN	LR WARNING SW
LED 17	CN11 PIN 9	GREEN	UR LOCK
LED 18	CN12 PIN 9	GREEN	LR PRESSURE SW
LED 19	CN11/CN12 PIN 7	RED	SW 12V (DUT)
LED 20	CN9 PIN 3	RED	SW BATT
LED 21	CN10 PIN 3	RED	PUMP INDICATOR
LED 22	CN10 PIN 2	RED	READY TO OPERATE
LED 23	NOT USED	RED	NOT USED
LED 24	CN10 PIN 7	RED	SYSTEM WAKE UP
LED 26	CN11 PIN 11	GREEN	UF LOCK
LED 28	CN12 PIN 11	RED	RF PRESSURE SW

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

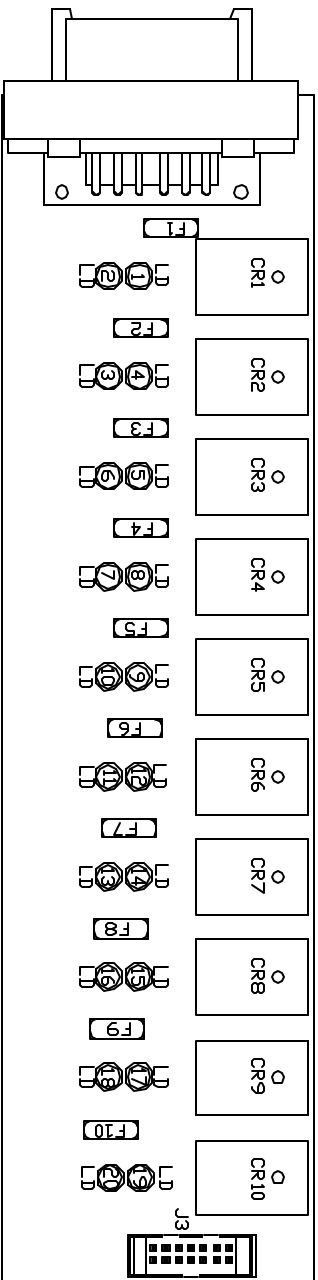


LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN 9 PIN 1	RED	MASTER RELAY
LED 2	CN 9 PIN 4	RED	PUMP RELAY
LED 3	CN 1 PIN 3	RED	SW 12V
LED 4	CN 11 PIN 12	RED	ENGINE BATT
LED 5	NOT USED	NOT USED	NOT USED
LED 6	CN 11 PIN 6	RED	COACH BATT
LED 7	CN 1 PIN 7 & 8	RED	LINK LIGHT
LED 8	NOT USED	NOT USED	NOT USED
LED 9	CN9 PIN3	RED	50 LBS PSW
LED 10	CN9 PIN 2	RED	3000 LBS. PSW

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

CENTRAL  
CONTROL MODULE  
LED LAYOUT  
REPLACED BY P32513 PCB  
APPROXIMATELY SEPTEMBER, 2005  
SEE MP89007 L FDR P32512  
LAYOUT INFO

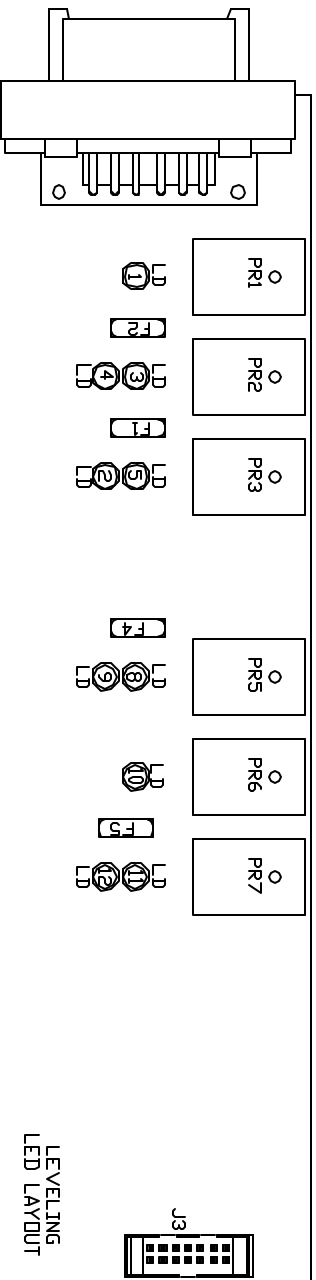




ROOM 1/ROOM 2  
LED LAYOUT

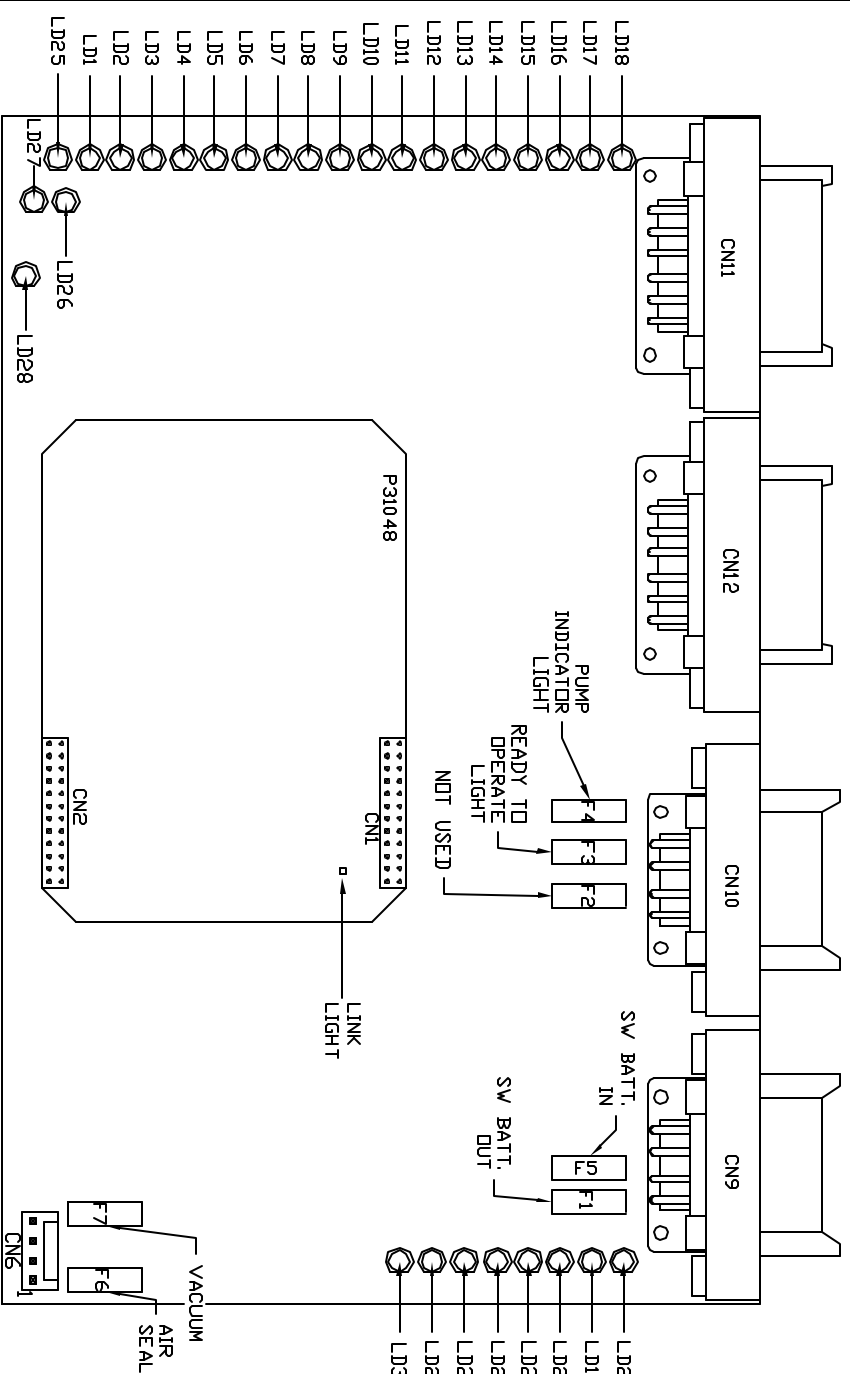
LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	CYL EXTEND 1 (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	CYL EXTEND 1 (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	CYL RETRACT 1 (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	CYL RETRACT RM 1 (COIL)
LED5	YELLOW	PIN 11	---	---	CR3	LOCK RM 1 (COIL)
LED6	RED	---	FUSE 3	PIN 3	CR3	LOCK RM 1 (CONTACT)
LED7	RED	---	FUSE 4	PIN 4	CR4	UNL DCK RM 1 (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	UNL DCK RM 1 (COIL)
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	UNL DCK RM 2 (CONTACT)
LED16	RED	---	FUSE 8	PIN 9	CR8	UNL DCK 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)

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



LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	PIN 1	PR1	CRX1 (COIL)
LED2	RED	PIN 11	FUSE 1	PIN 3	PR3	RF JACK (CONTACT)
LED3	YELLOW	PIN 12	---	---	PR2	LF JACK (COIL)
LED4	RED	---	FUSE 2	PIN 2	PR2	LF JACK (CONTACT)
LED5	YELLOW	PIN 11	---	---	PR3	RF JACK (COIL)
LED8	YELLOW	PIN 9	---	---	PR5	RR JACK (COIL)
LED9	RED	---	FUSE 4	PIN 5	PR5	RR JACK (CONTACT)
LED10	YELLOW	PIN 8	---	PIN 6	PR6	CRX2 (COIL)
LED11	YELLOW	PIN 7	---	---	PR7	LR JACK (COIL)
LED12	RED	---	F5	PIN 7	PR7	LR JACK (CONTACT)

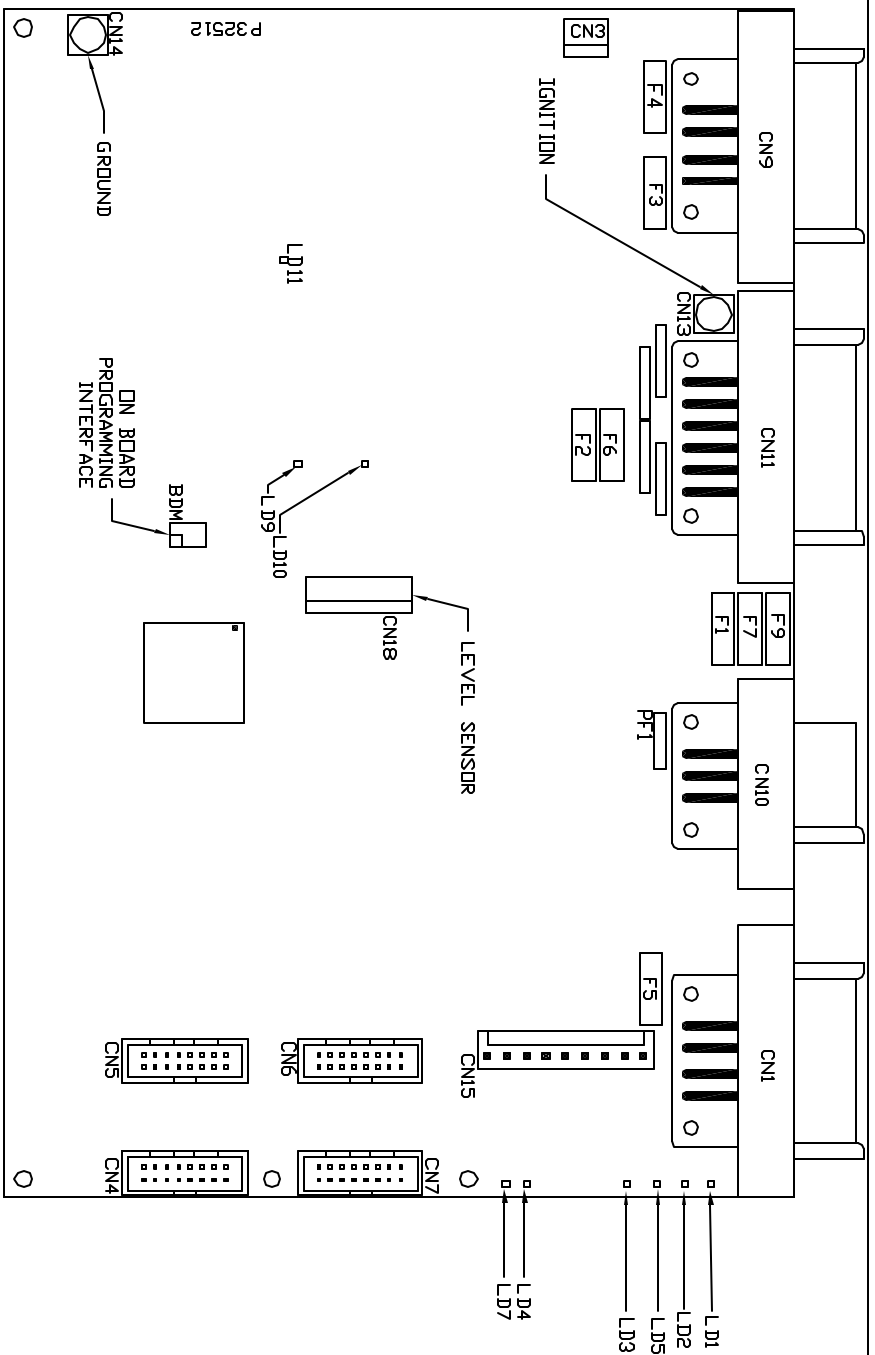
NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.



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

ROOM 2  
LED LAYOUT

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



CENTRAL  
CONTROL MODULE  
LED LAYOUT  
EFFECTIVE APPROXIMATELY  
SEPTEMBER, 2005

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	SYSTEM WAKE UP
LED 5	CN 9 PIN 5	RED	SPEED SWITCH
LED 7	CN 1 PIN 7 & 8	RED	LINK LIGHT
LED 8	NOT USED	RED	NOT USED
LED 9	NOT USED	NOT USED	NOT USED
LED 10	CN9 PIN 2	RED	3000 LBS. PSW
LED 11	CN1 PIN 11	RED	PARK BRAKE

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

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