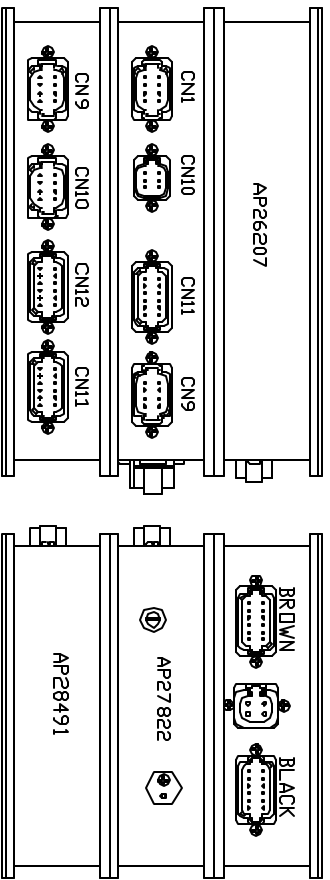


AP28498
CENTRAL CONTROL/ROOM 1 MODULE



- AP27822 CN1 (BLACK)
PIN
1 N/C
2 N/C
3 RED(W6800) SW BATT
4 WHT(W6230) GROUND
5 CAN SHIELD
6 N/C
7 GRN CAN LDW
8 YEL CAN HI

- AP27822 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

- AP26207 (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 N/C
6 N/C
7 N/C
8 N/C
9 BLK(W5650) VACUUM
10 BLK(W5600) AIR SEAL
11 N/C
12 N/C

- CN98 (GRAY)
PIN
1 BLK(W6800) SW BATT
2 BLK(W6800) SW BATT
3 WHT(W6231) GROUND
4 WHT(W6231) GROUND
5 N/C
6 BLK(W3400) RIGHT REAR JACK
7 BLK(W7601) CRX2
8 N/C
9 N/C
10 N/C
11 N/C
12 N/C

- AP26207 (BLACK)
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 CN11 (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 CN9 (GREEN)
PIN
1 BLK(W8500) MASTER RELAY CNTRL
2 BLK(W8100) 3000 LB P.S.W.
3 BLK(W8101) 50 LB P.S.W.
4 BLK(W8600) PMP RELAY CNTRL
5 N/C
6 BLK(W9901) SW BATT FRDM PUMP RELAY
7 N/C
8 N/C

- AP28491 CN12 (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.

- AP28491 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 WHT(W6230) GROUND
6 RED(W6120) SW BATTERY
7 N/C
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

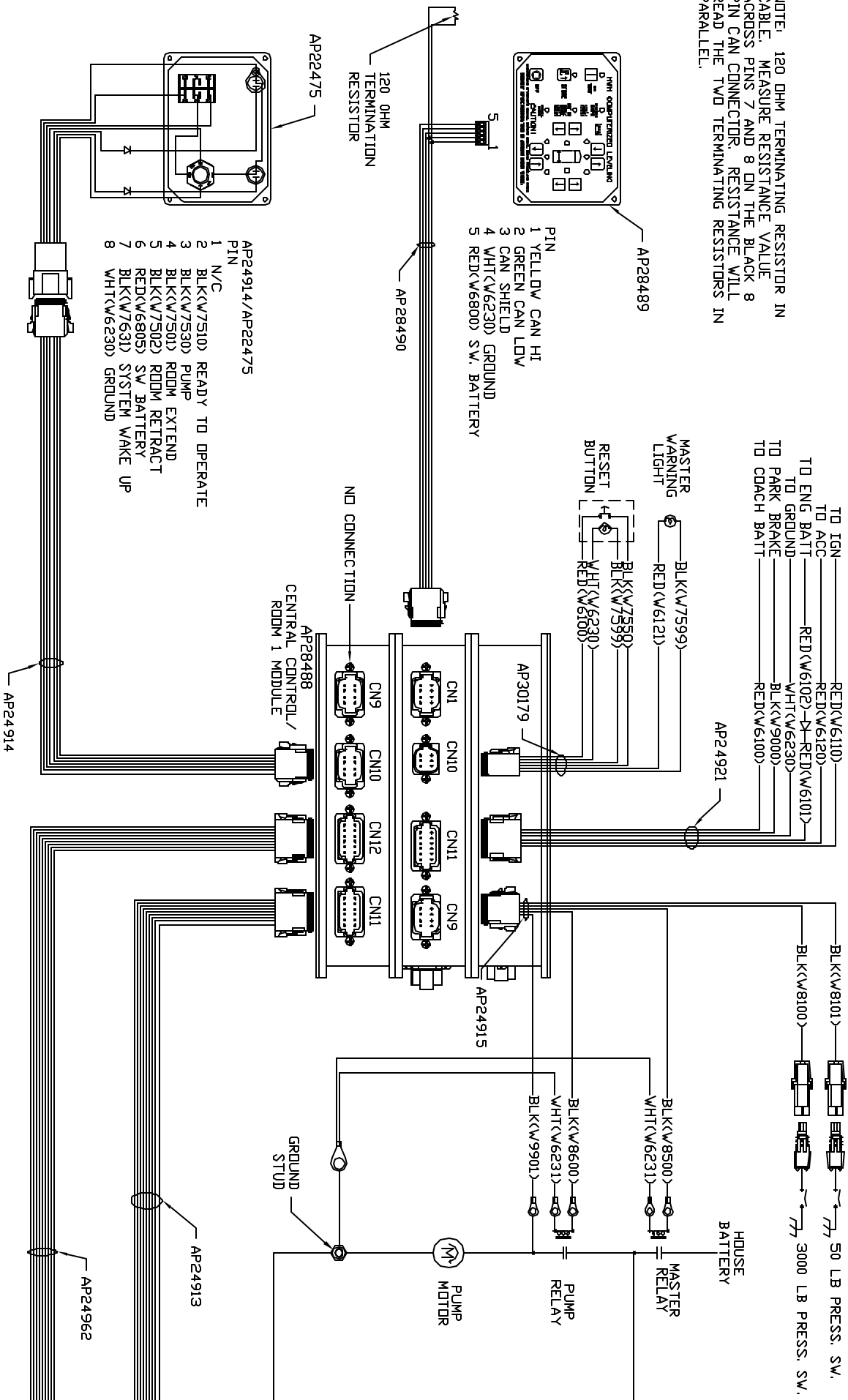
- AP28491 CN9 (BLACK)
PIN
1 N/C
2 N/C
3 N/C
4 N/C
5 N/C
6 N/C
7 N/C
8 N/C

- AP28491 CN10 (GRAY)
PIN
1 N/C
2 BLK(W7510) READY TO OPERATE
3 BLK(W7530) PUMP
4 BLK(W7501) EXTEND
5 BLK(W7502) RETRACT
6 RED(W6805) SW BATTERY
7 BLK(W7631) SYSTEM WAKE UP
8 WHT(W6230) GROUND

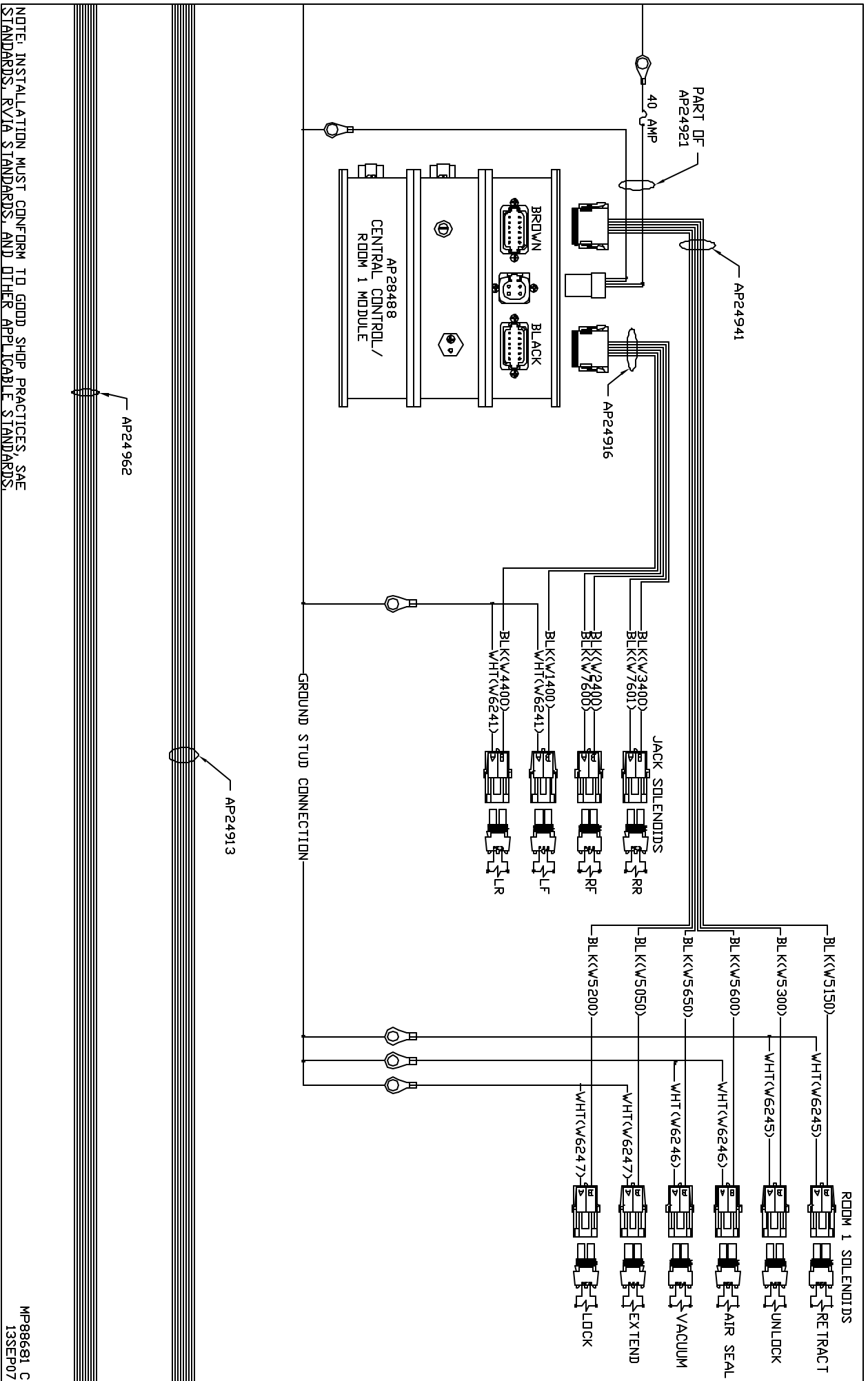
NOTE: INSTALLATION MUST CONFORM TO GOOD SHIP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

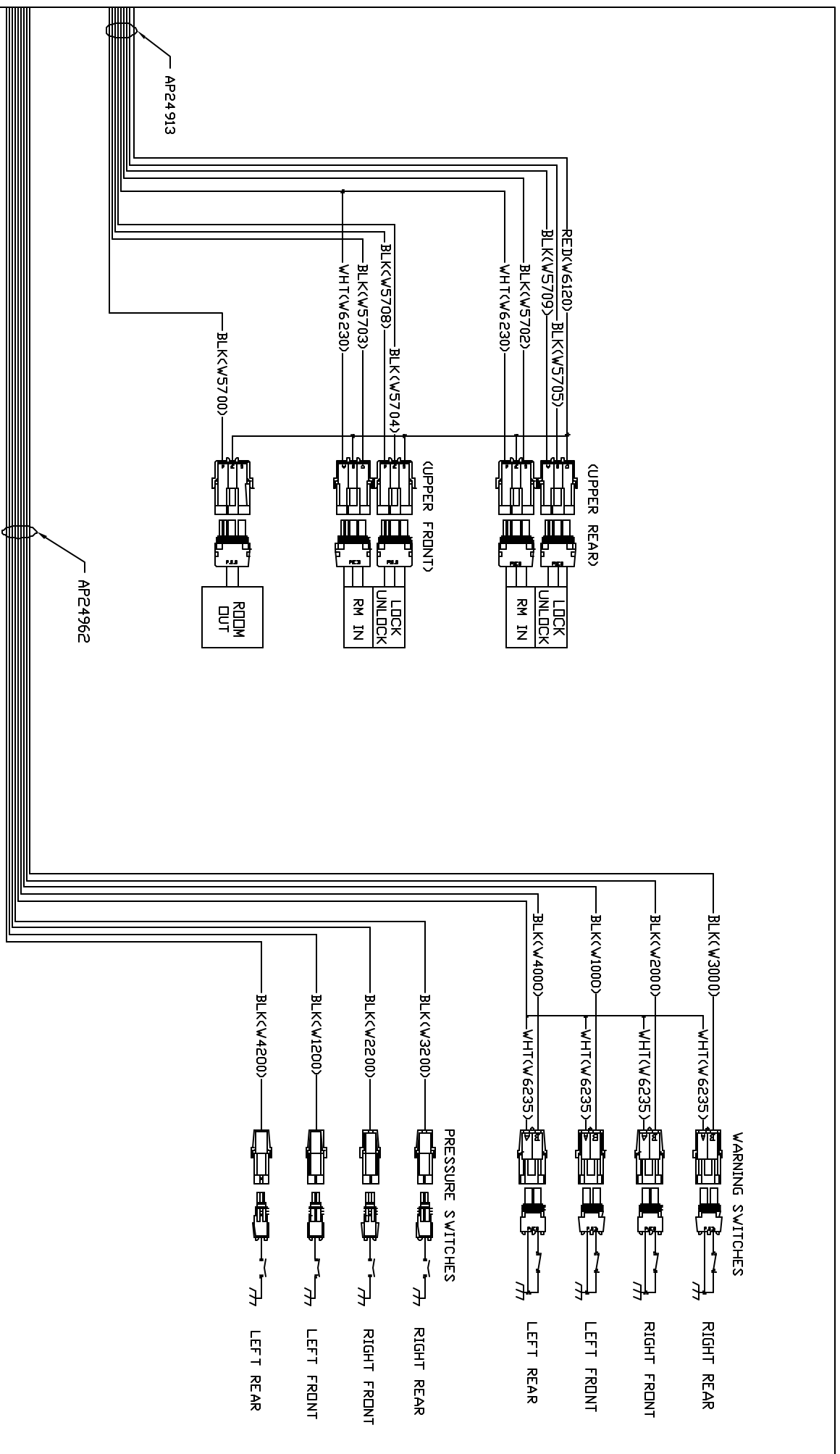
1	13SEP07	ADDED INSTALLATION NOTE	
NO.	DATE	REVISION	
THE INFORMATION DISCLOSED IN THIS DRAWING IS CONFIDENTIAL AND MUST NOT BE DISCLOSED OR USED IN ANY MANNER WHICH WILL BE DETRIMENTAL TO THE HW CORPORATION			
SCALE: 1:3		DATE: 21MAY03	DRAWN BY: .
<p>HWH 1-80 EXIT 267 SOUTH RT 1 MOSCOW, IOWA 52760</p>			
<p>SYSTEM SCHEMATIC ELEC</p>			<p>DRAWING NUMBER MP88681 A/1</p>

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.

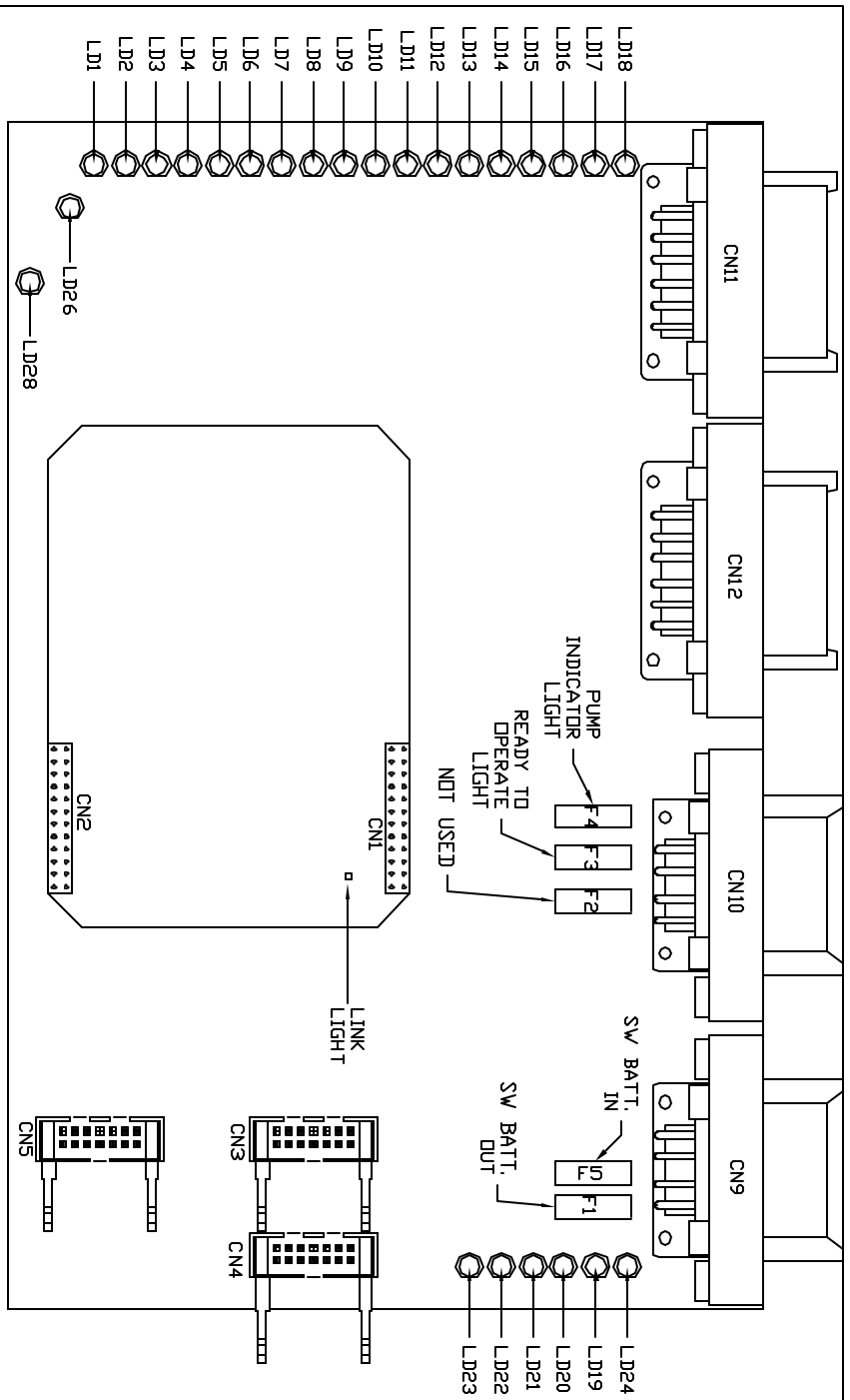


NOTE: INSTALLATION MUST CONFORM TO GOOD SHIP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.





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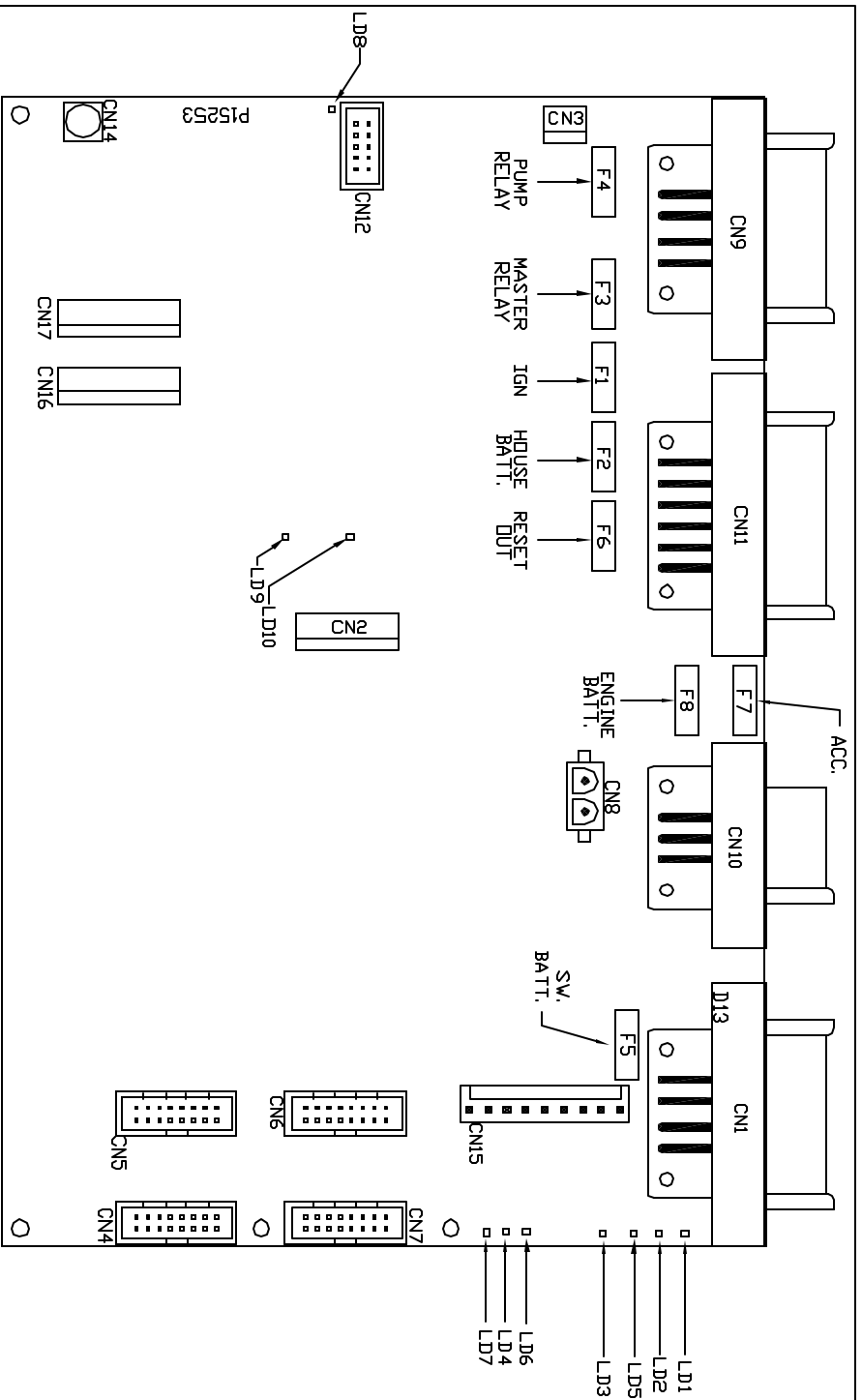


ROOM 1
LED LAYOUT

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 DUT
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

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

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	NOT USED	RED	NOT USED
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



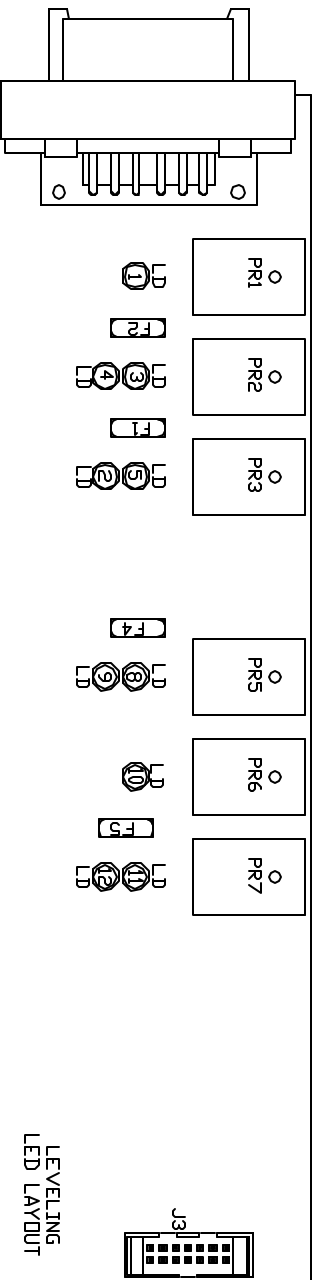
CENTRAL
CONTROL MODULE
LED LAYOUT

REPLACED BY P32513 PCB
APPROXIMATELY SEPTEMBER, 2005

SEE MP88681 I FOR P32512
LAYOUT INFO

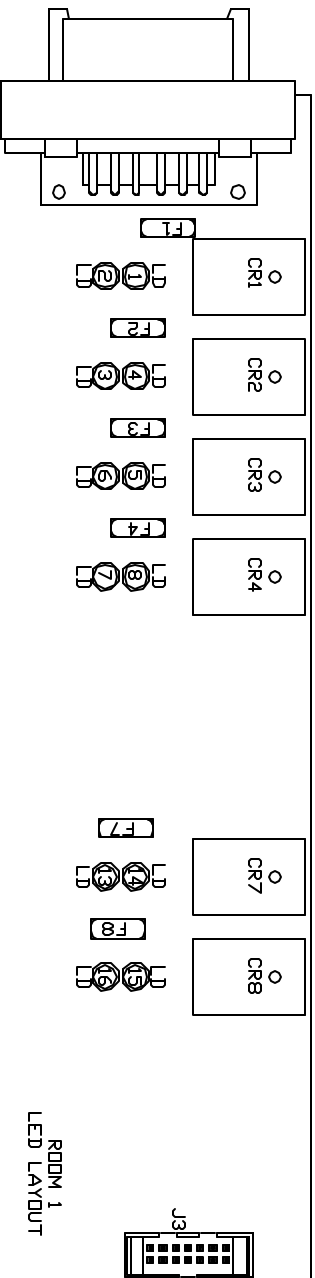
LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	CN 9 PIN 1	RED	MASTER RELAY
LED 2	CN 9 PIN 4	RED	PUMP RELAY
LED 3	CN 1 PIN 3	RED	SW 12V
LED 4	CN 11 PIN 12	RED	ENGINE BATT
LED 5	NOT USED	NOT USED	NOT USED
LED 6	CN 11 PIN 6	RED	COACH BATT
LED 7	CN 1 PIN 7 & 8	RED	LINK LIGHT
LED 8	NOT USED	NOT USED	NOT USED
LED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



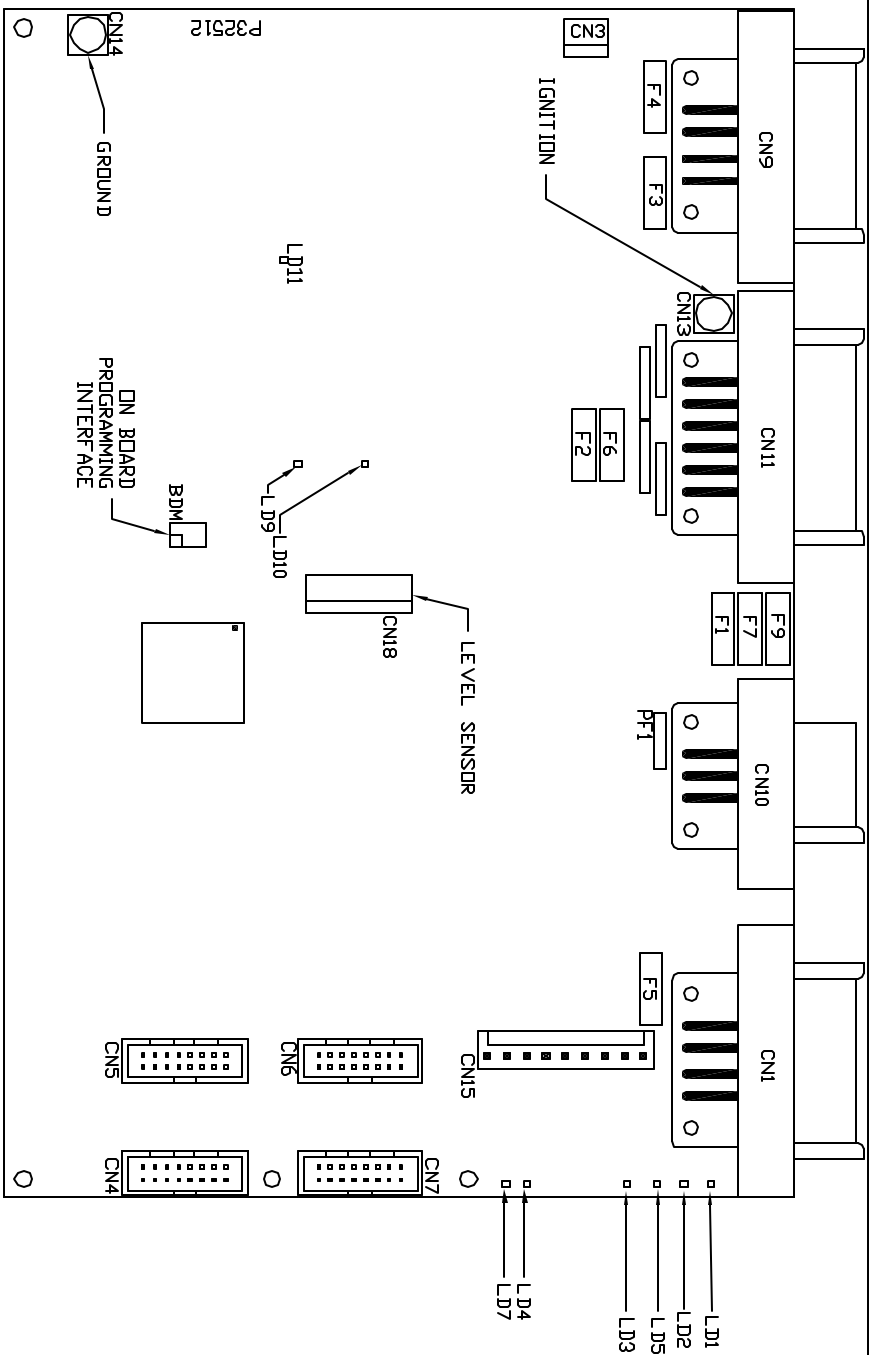
LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	PIN 1	PR1	CRX1 (COIL)
LED2	RED	PIN 11	FUSE 1	PIN 3	PR3	RF JACK (CONTACT)
LED3	YELLOW	PIN 12	---	---	PR2	LF JACK (COIL)
LED4	RED	---	FUSE 2	PIN 2	PR2	LF JACK (CONTACT)
LED5	YELLOW	PIN 11	---	---	PR3	RF JACK (COIL)
LED8	YELLOW	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 #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
LED1	YELLOW	PIN 13	---	---	CR1	EXTEND RM 1 (COIL)
LED2	RED	---	FUSE 1	PIN 1	CR1	EXTEND RM 1 (CONTACT)
LED3	RED	---	FUSE 2	PIN 2	CR2	RETRACT RM 1 (CONTACT)
LED4	YELLOW	PIN 12	---	---	CR2	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	UNLOCK RM 1 (CONTACT)
LED8	YELLOW	PIN 10	---	---	CR4	UNLOCK RM 1 (COIL)
LED13	RED	---	FUSE 7	PIN 10	CR7	AIR SEAL (CONTACT)
LED14	YELLOW	PIN 7	---	---	CR7	AIR SEAL (COIL)
LED15	YELLOW	PIN 6	---	---	CR8	VACUUM (COIL)
LED16	RED	---	FUSE 8	PIN 9	CR8	VACUUM (CONTACT)

NOTE: INSTALLATION MUST CONFORM TO GOOD SHOP PRACTICES, SAE STANDARDS, RVIA 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	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	CN11 PIN 11	RED	PARK BRAKE

FUSE #	DESCRIPTION
PF1	RESET DUT
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.

CENTRAL
CONTROL MODULE
LED LAYOUT
EFFECTIVE APPROXIMATELY
SEPTEMBER, 2005