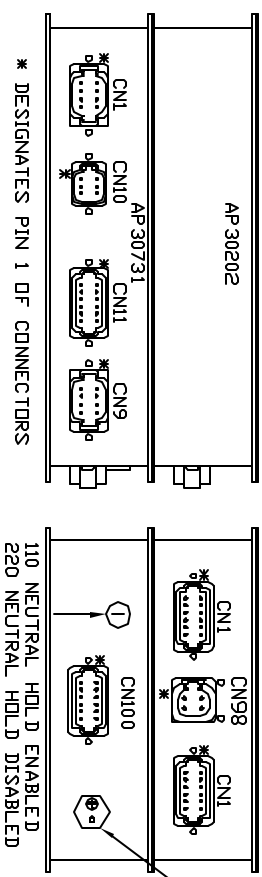


- AP30202 CNI (BROWN)
- PIN 1 N/C
 - 2 BLK(W1500) LEFT FRONT RAISE
 - 3 BLK(W1600) LEFT FRONT LOWER
 - 4 BLK(W2500) RIGHT FRONT RAISE
 - 5 BLK(W2600) RIGHT FRONT LOWER
 - 6 BLK(W9700) COMPRESSOR
 - 7 N/C
 - 8 BLK(W1700) FRONT TRAVEL
 - 9 N/C
 - 10 N/C
 - 11 WHT(W6254) GROUND
 - 12 N/C
- AP30202 CN98 (GRAY)
- PIN 1 BLK(W6800) SW BATT
 - 2 BLK(W6800) SW BATT
 - 3 WHT(W6233) GND
 - 4 WHT(W6233) GND
- AP30202 CNI (BLACK)
- PIN 1 BLK(W3800) TAG LEFT
 - 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) REAR TRAVEL
 - 9 BLK(W3601) RIGHT TAG LOWER
 - 10 BLK(W4601) LEFT TAG LOWER
 - 11 WHT(W6258) GROUND
 - 12 N/C

- AP30731 CNI (BLACK)
- PIN 1 N/C
 - 2 N/C
 - 3 RED(W6800) SW BATT
 - 4 WHT(W6230) GND
 - 5 CAN SHIELD
 - 6 N/C
 - 7 GRN CAN LDW
 - 8 YEL CAN HI
- AP30731 CN10 (GRAY)
- PIN 1 BLK(W7599) SWITCH LIGHT CONTROL
 - 2 RED(W6100) RESET OUT
 - 3 BLK(W7550) RESET IN
 - 4 RED(W6121) WARNING LIGHT SUPPLY
 - 5 WHT(W6230) SWITCH LIGHT SUPPLY
 - 6 BLK(W7699) WARNING LIGHT CNTRL
- AP30731 CN11 (GRAY)
- PIN 1 RED(W6110) IGNITION
 - 2 N/C
 - 3 N/C (KEY PIN)
 - 4 N/C
 - 5 RED(W6120) ACCESSORY
 - 6 RED(W6100) HOUSE 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

- AP30731 CN9 (GREEN)
- PIN 1 N/C
 - 2 N/C
 - 3 N/C
 - 4 N/C
 - 5 BLK(W9900) SPEED SWITCH
 - 6 N/C
 - 7 N/C
 - 8 N/C
- AP30731 CN100 (GRAY)
- PIN 1 N/C
 - 2 BLK(W1210) LEFT FRONT PSW
 - 3 BLK(W1210) RIGHT FRONT PSW
 - 4 BLK(W3210) RIGHT REAR PSW
 - 5 BLK(W4210) LEFT REAR PSW
 - 6 WHT(W6231) GROUND
 - 7 BLK(W6801) SW. BATTERY
 - 8 BLK(W3215) SYSTEM PSW
 - 9 BLK(W3211) RIGHT TAG PSW
 - 10. BLK(W4211) LEFT TAG PSW
 - 11. BLK(W7521) TAG DUMP SW.
 - 12. N/C



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

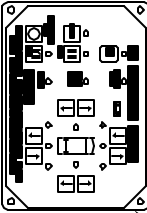
NO.	DATE	REVISION
1	13SEP07	ADDED NOTE WAS AP30741
2	21AUG06	ADDED 'J' SHEET, CN100
3	19JUL05	CORRECTED WIRE #'S
4	13APR05	ADDED AP30861

HW H 1-80 EXIT 267 SOUTH
RT 1 MOSCOW, IOWA 52760

SCALE 1:3 DATE 14APR03 DRAWN BY .

SYSTEM SCHEMATIC ELEC

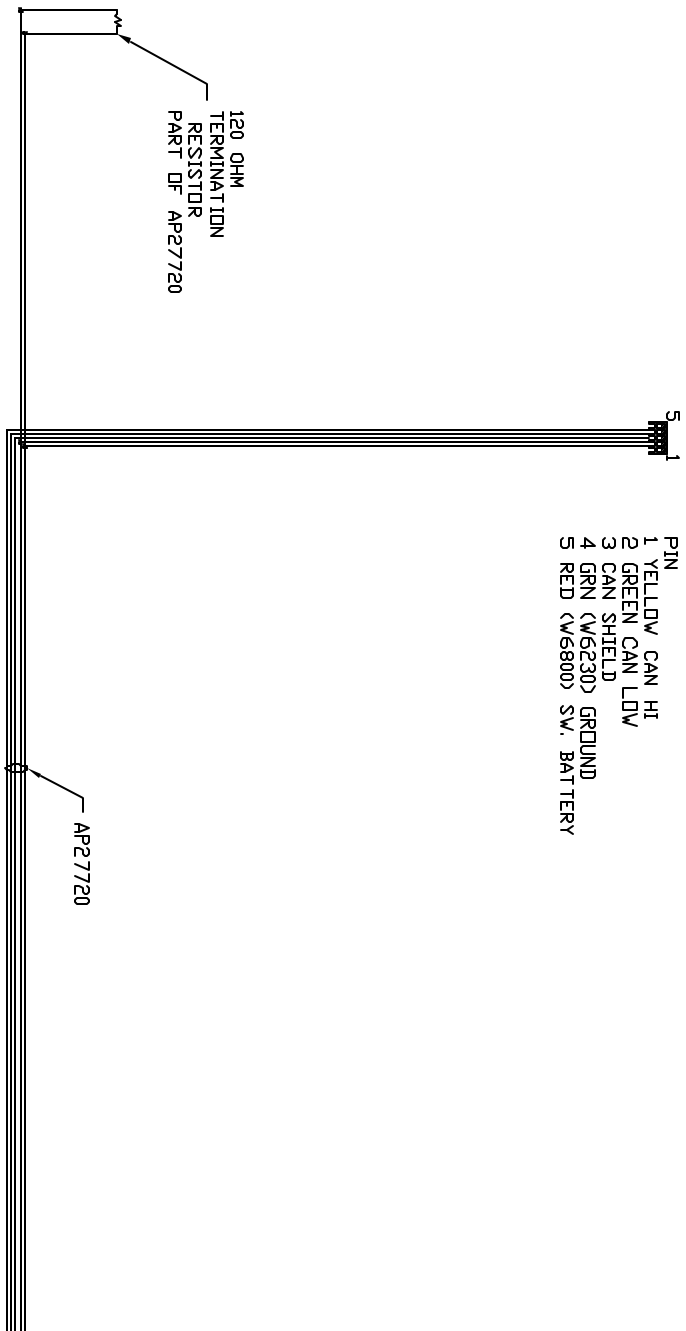
DRAWING NUMBER MP89048 A/J



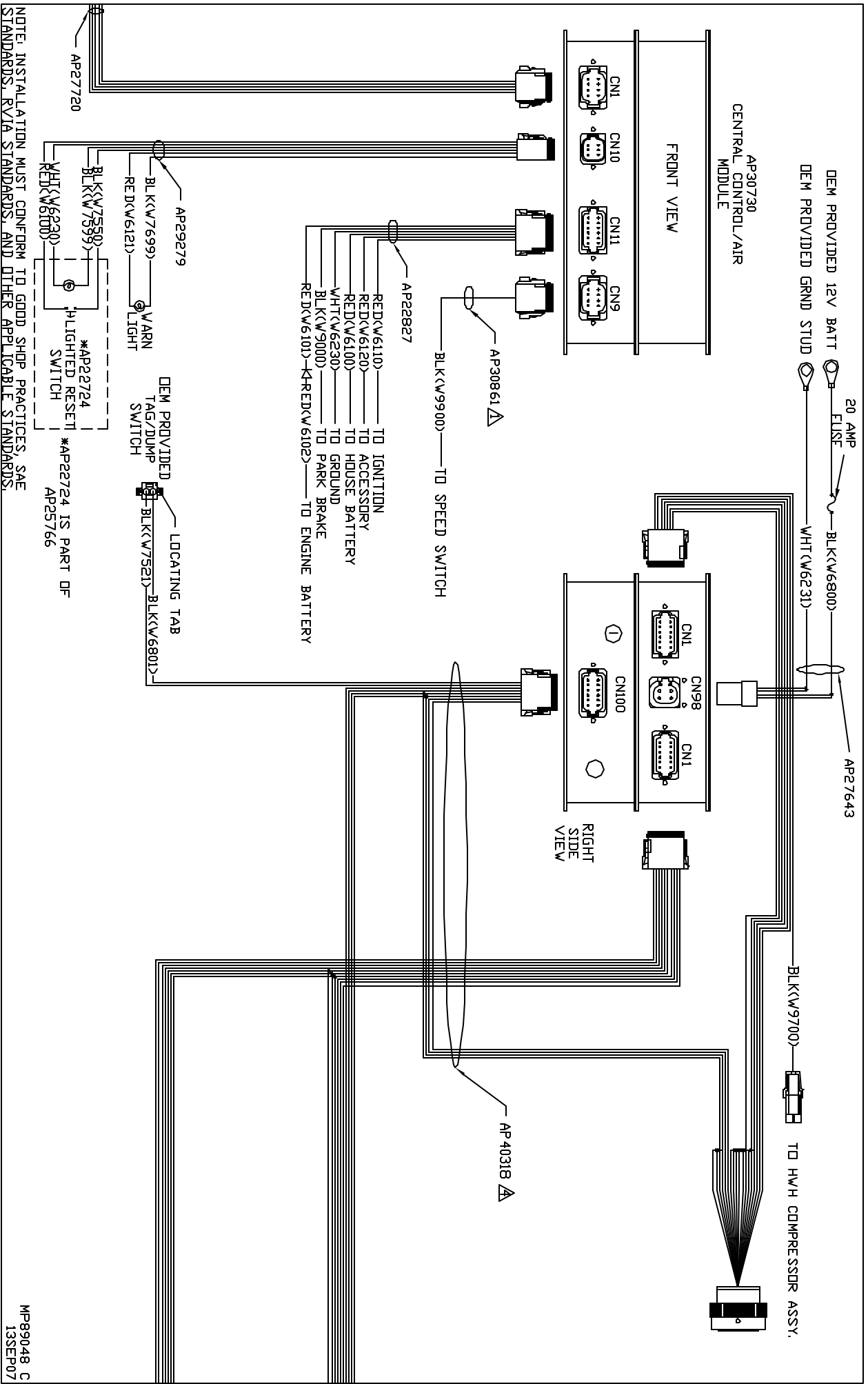
AP22703

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

120 OHM
TERMINATION
RESISTOR
PART OF AP27720



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

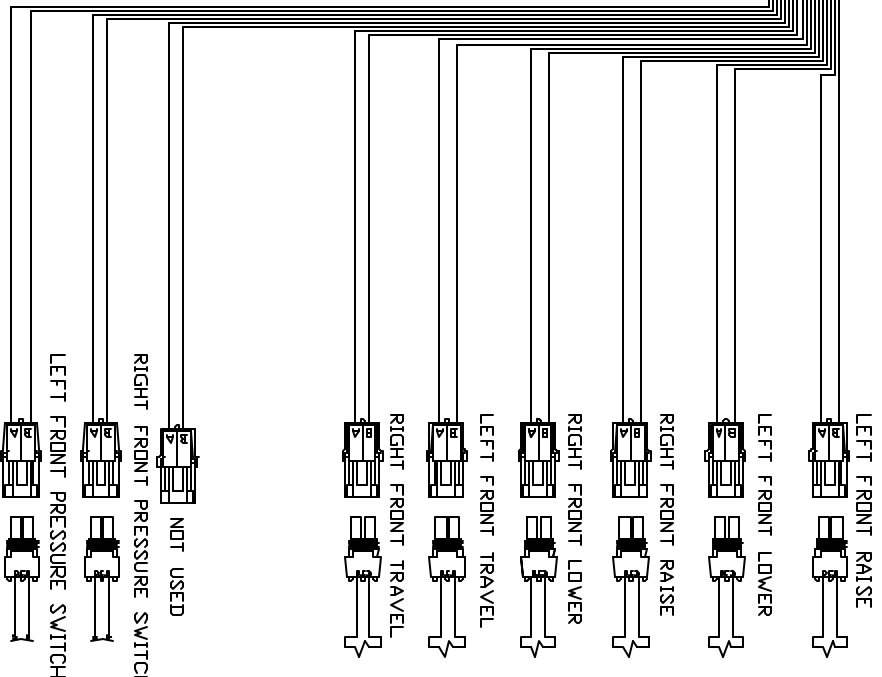




PIN
 1. RIGHT FRONT TRAVEL
 2. GROUND
 3. RIGHT FRONT PRESS. SW.
 4. GROUND
 5. RIGHT FRONT RAISE
 6. GROUND
 7. RIGHT FRONT LOWER
 8. GROUND
 9. LEFT FRONT RAISE
 10. GROUND
 11. LEFT FRONT LOWER
 12. GROUND
 13. LEFT FRONT TRAVEL
 14. GROUND
 15. LEFT FRONT PRESS. SW.
 16. GROUND
 17. - 31. N/C

AP25285

FRONT AIR
 MANIFOLD
 CONNECTIONS



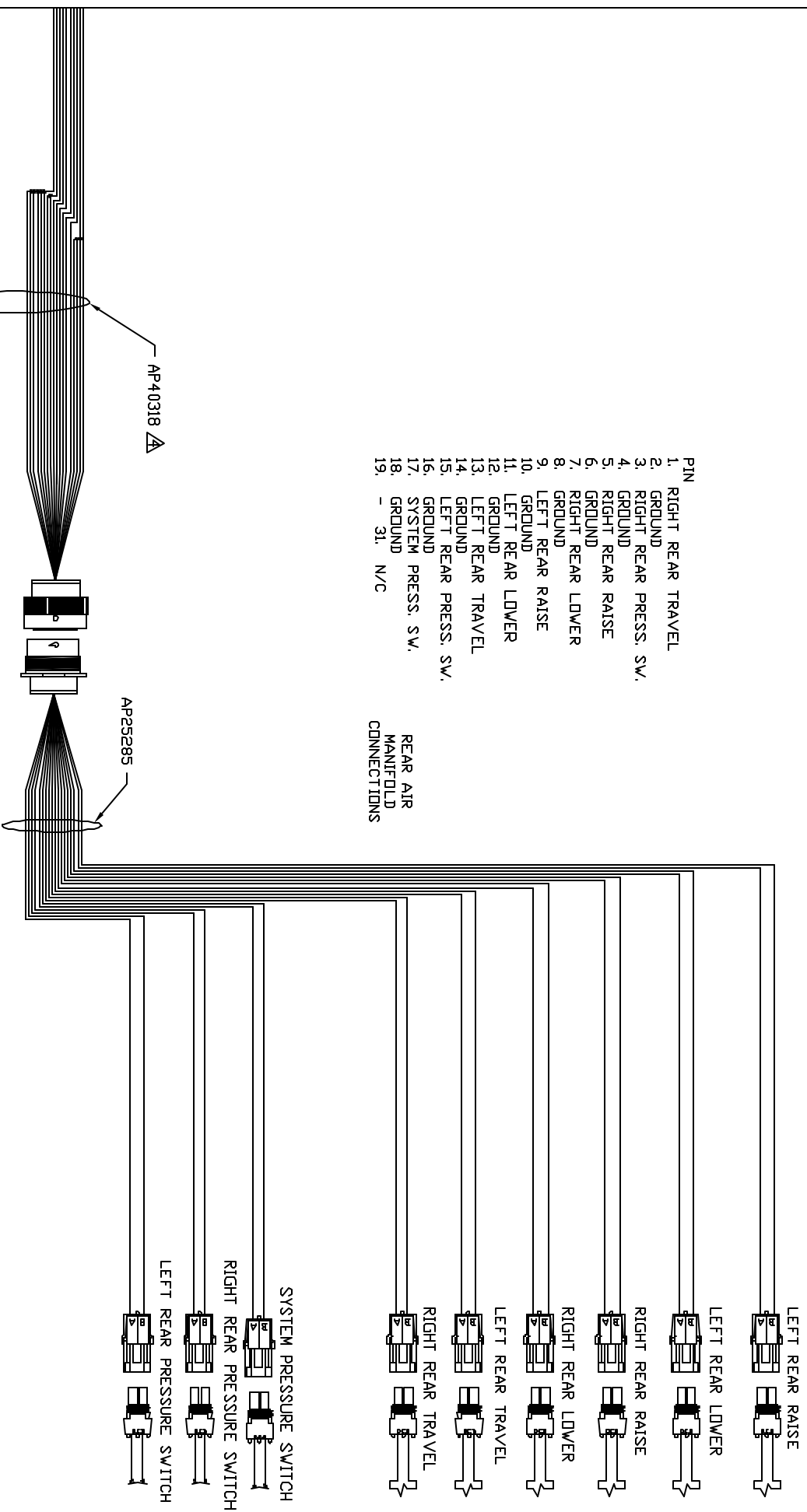
AP40318

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

MP89048 D
 13SEP07

- PIN
1. RIGHT REAR TRAVEL
 2. GROUND
 3. RIGHT REAR PRESS. SW.
 4. GROUND
 5. RIGHT REAR RAISE
 6. GROUND
 7. RIGHT REAR LOWER
 8. GROUND
 9. LEFT REAR RAISE
 10. GROUND
 11. LEFT REAR LOWER
 12. GROUND
 13. LEFT REAR TRAVEL
 14. GROUND
 15. LEFT REAR PRESS. SW.
 16. GROUND
 17. SYSTEM PRESS. SW.
 18. GROUND
 19. - 31. N/C

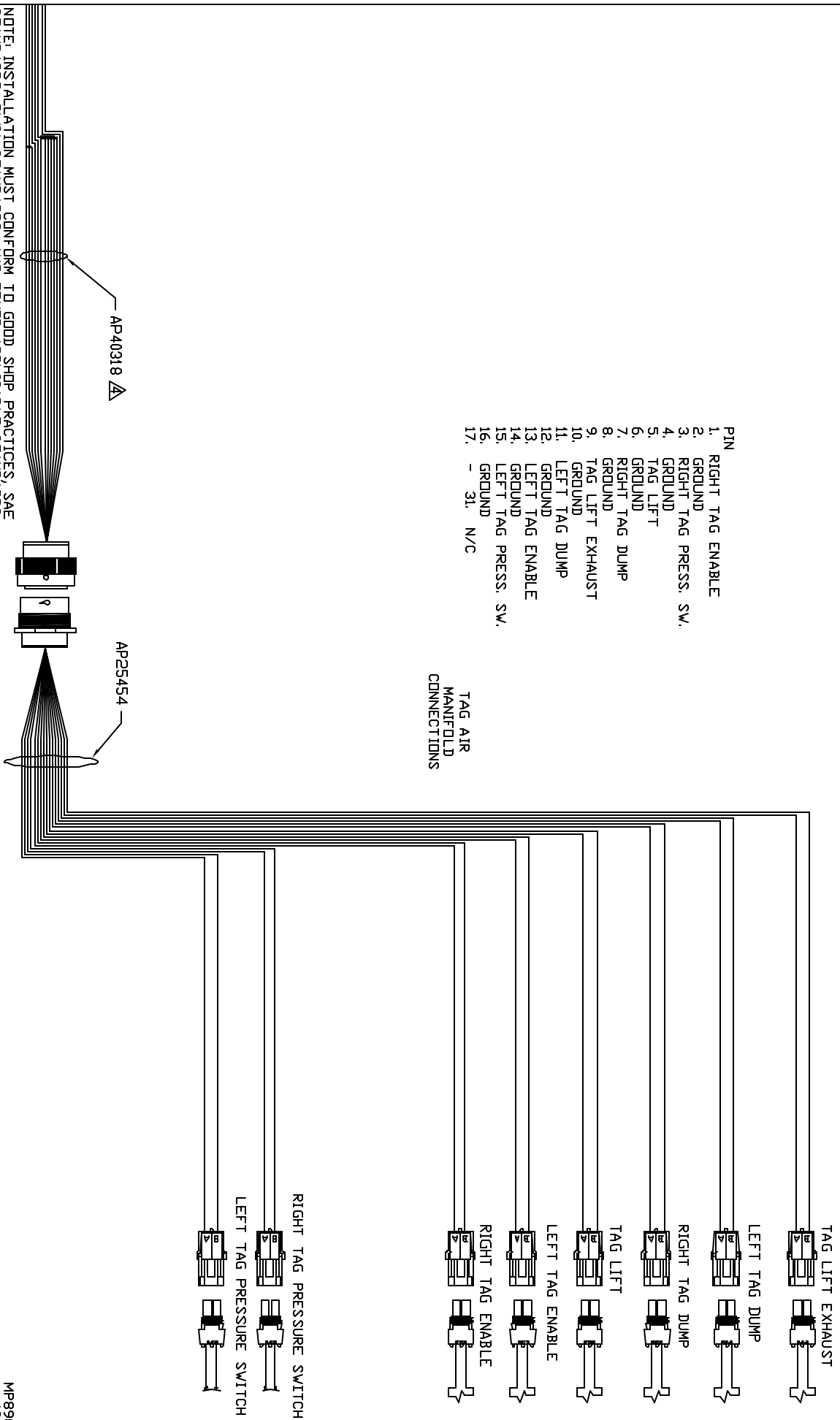
REAR AIR
MANIFOLD
CONNECTIONS



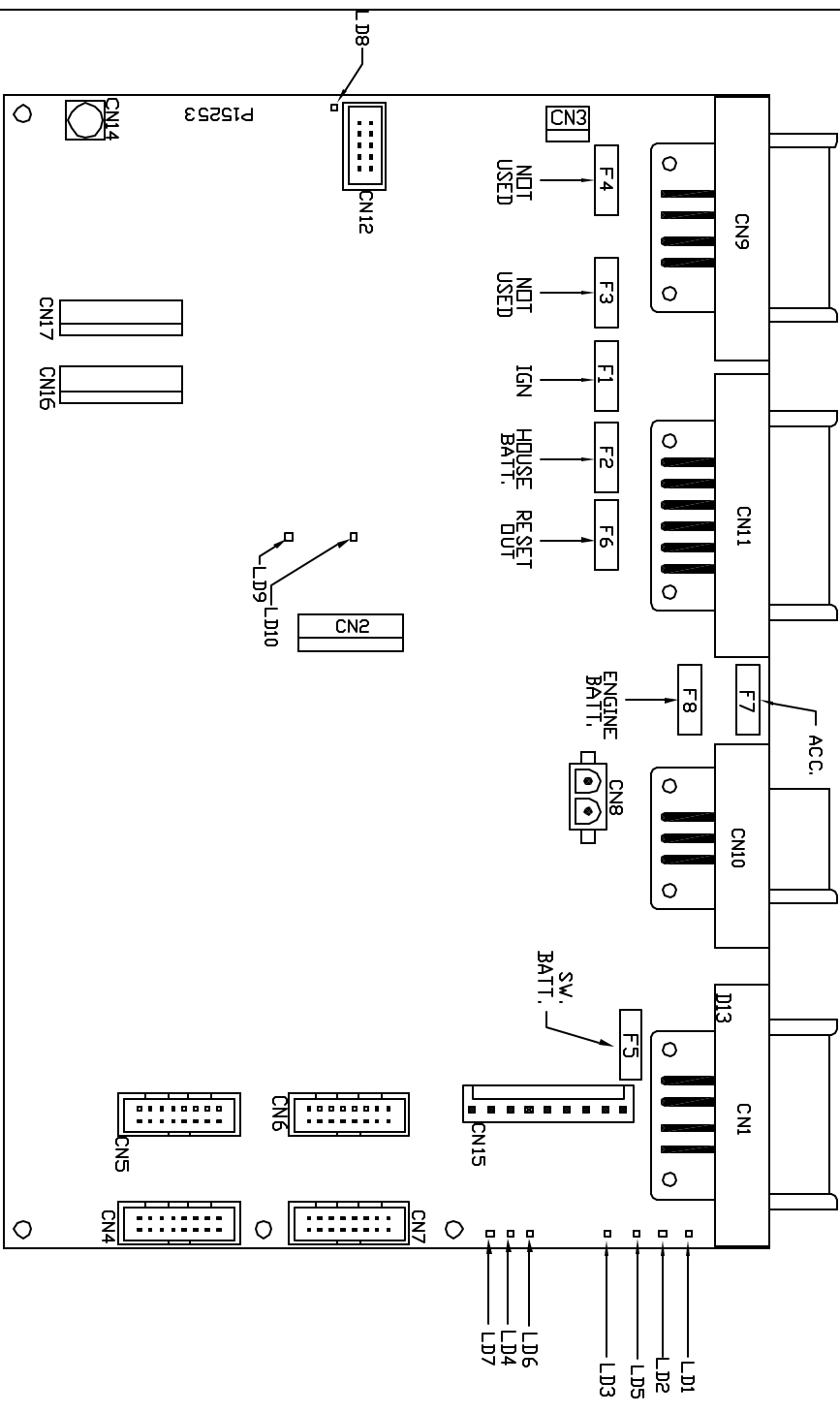
NOTE: INSTALLATION MUST CONFORM TO GOOD SHDP PRACTICES, SAE STANDARDS, RVIA STANDARDS, AND OTHER APPLICABLE STANDARDS.

- PIN
1. RIGHT TAG ENABLE
 2. GROUND
 3. RIGHT TAG PRESS. SW.
 4. GROUND
 5. TAG LIFT
 6. GROUND
 7. RIGHT TAG DUMP
 8. GROUND
 9. TAG LEFT EXHAUST
 10. GROUND
 11. LEFT TAG DUMP
 12. GROUND
 13. LEFT TAG ENABLE
 14. GROUND
 15. LEFT TAG PRESS. SW.
 16. GROUND
 17. - 31. N/C

TAG AIR
MANIFOLD
CONNECTIONS



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



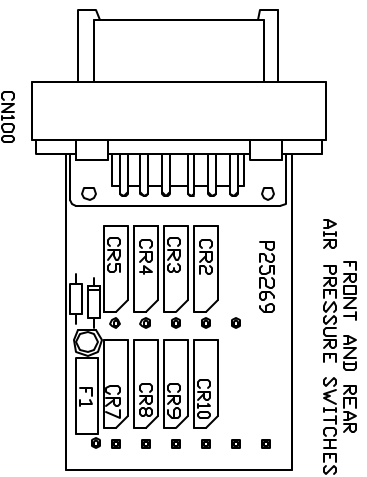
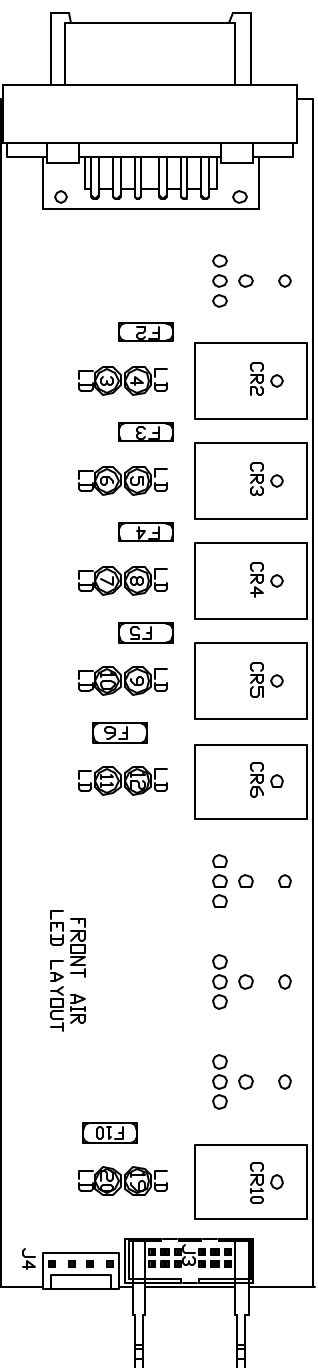
LED #	CONNECTOR	COLOR	DESCRIPTION
LED 1	NOT USED	NOT USED	NOT USED
LED 2	NOT USED	NOT USED	NOT USED
LED 3	CN 1 PIN 3	RED	SW 12V
LED 4	CN 11 PIN 12	RED	ENGINE BATT
LED 5	CN 9 PIN 5	RED	SPEED SWITCH
LED 6	NOT USED	NOT USED	NOT USED
LED 7	CN 1 PIN 7 & 8	RED	LINK LIGHT
LED 8	NOT USED	NOT USED	NOT USED
LED 9	NOT USED	NOT USED	NOT USED
LED 10	NOT USED	NOT USED	NOT USED

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

CENTRAL
CONTROL MODULE
LED LAYOUT

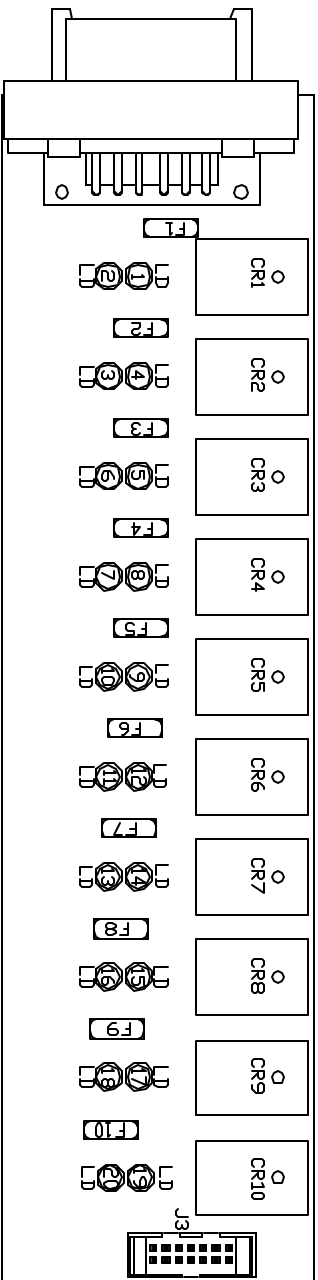
REPLACED BY P32512 PCB
APPROXIMATELY SEPTEMBER, 2005
SEE MP89048 J FOR P32512
LAYOUT INFO

LED #	COLOR	INPUT J3	FUSE #	OUTPUT	RELAY #	DESCRIPTION
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)
LED19	YELLOW	PIN 4	---	---	CR10	TRAVEL (COIL)
LED20	RED	---	FUSE 10	PIN 8	CR10	TRAVEL (CONTACT)



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

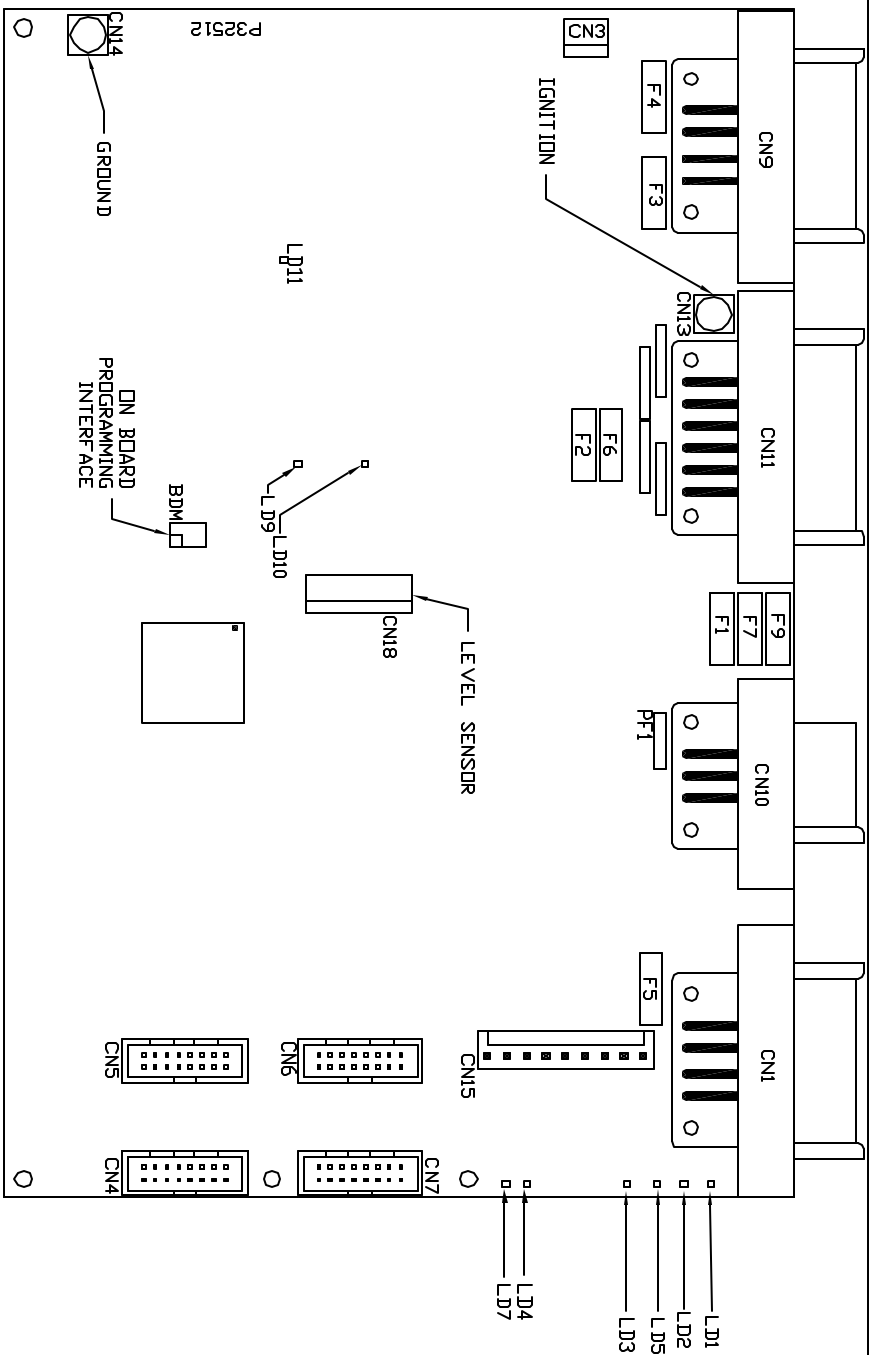
CONNECTOR	REED SWITCH	DESCRIPTION
CN 100 PIN 1	---	NOT USED
CN 100 PIN 2	CR2	LEFT FRONT PSW
CN 100 PIN 3	CR3	RIGHT FRONT PSW
CN 100 PIN 4	CR4	RIGHT REAR PSW
CN 100 PIN 5	CR5	LEFT REAR PSW
CN 100 PIN 6	---	GROUND
CN 100 PIN 7	---	SW. BATTERY
CN 100 PIN 8	CR7	SYSTEM PSW
CN 100 PIN 9	CR8	RIGHT TAG PSW
CN 100 PIN 10	CR9	LEFT TAG PSW
CN 100 PIN 11	CR10	TAG DUMP SWITCH
CN 100 PIN 12	---	NOT USED



REAR AIR
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)

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	NOT USED	RED	NOT USED
LED 2	NOT USED	RED	NOT USED
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	NOT USED	RED	NOT USED
LED 9	NOT USED	RED	NOT USED
LED 10	NOT USED	RED	NOT USED
LED 11	CN11 PIN 11	RED	PARK BRAKE

FUSE #	DESCRIPTION
PF1	RESET DUT
F7	ACCESSORY
F1	IGNITION
F2	HOUSE BATTERY
F3	NOT USED
F4	NOT USED
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.