



On The Fly Programmer

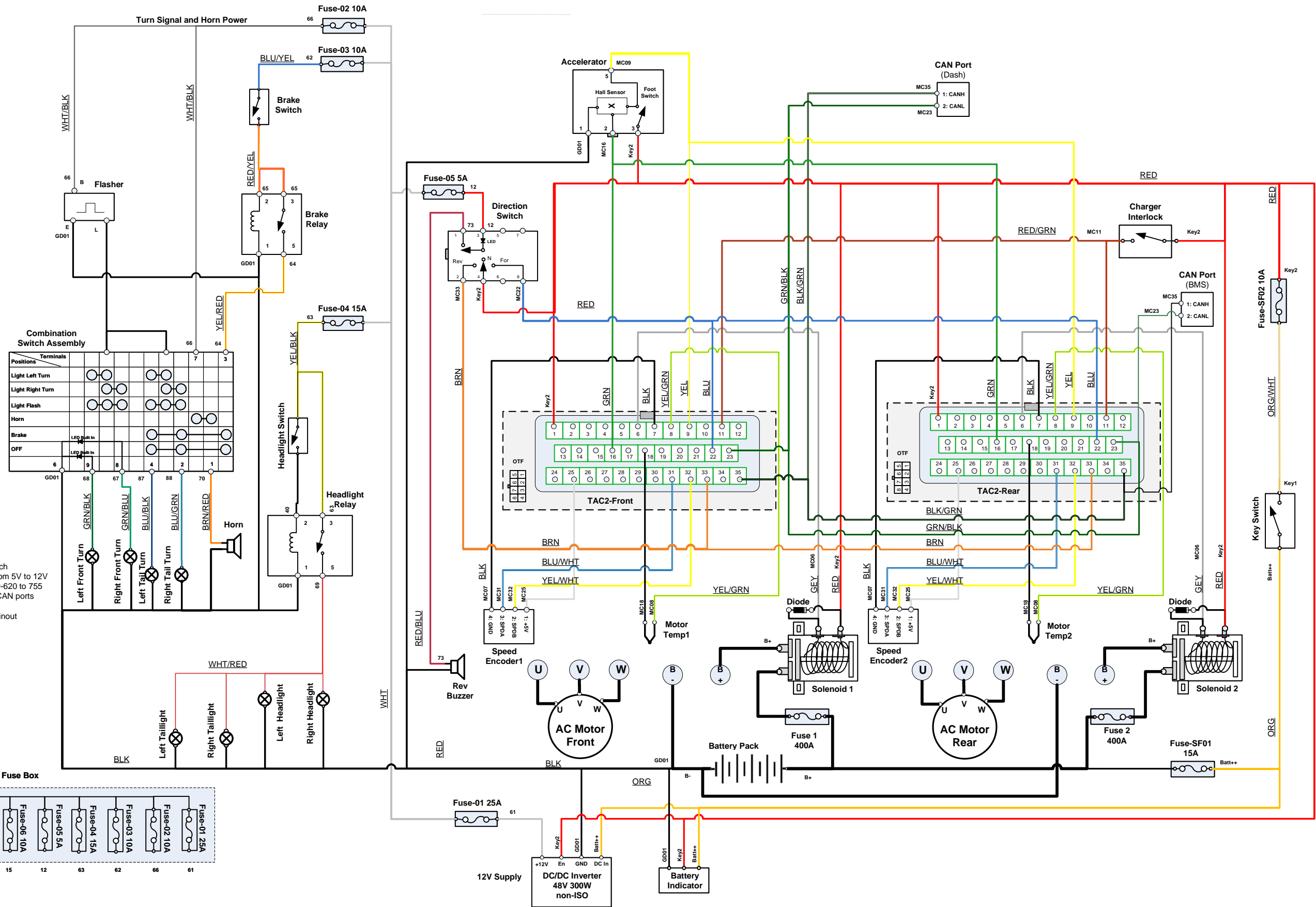


35 POS
TE 1-776231-1

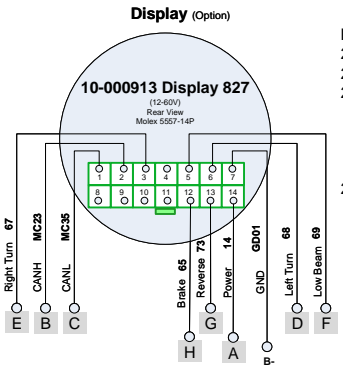
- P1: Key In / Logic Power
- P2: Reverse Buzzer
- P3: Brake Solenoid Out
- P4: Brake Light Relay Release
- P5: Brake Solenoid Out
- P6: Main Solenoid Out
- P7: Logic Power GND
- P8: Motor Temperature In
- P9: Foot Switch In
- P10:Run/Tow In
- P11:Charger Interlock In
- P12:Brake Switch In
- P13:Coil Supply / Logic Power
- P14:na
- P15:+5V PF
- P16:Throttle In
- P17:Brake In]
- P18:Analog GND
- P19:SPD C In
- P20:na
- P21:na
- P22:Forward In
- P23:CANH
- P24:Run/Tow In
- P25:+12V Output
- P26:+5V PF
- P27:na
- P28:na
- P29:na
- P30:SOC Display Out
- P31:SPD A In
- P32:SPD B In
- P33:Reverse In
- P34:na
- P35:CANL

- B+ Battery positive
 - U AC motor phase
 - V AC motor phase
 - W AC motor phase
 - B- Battery negative
 - R Braking resistor (Not used)
- Batt+ Battery positive fused
GD01 Battery negative
Key1 Key switch
Key2 Logic Power

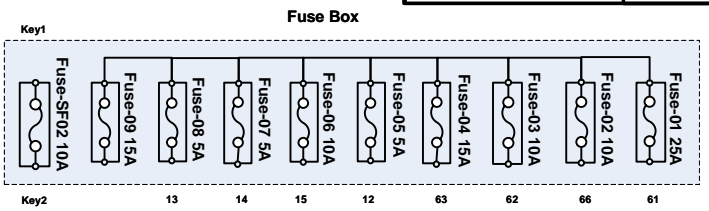
- 12 Rev buzzer fused
- 61 DC DC inverter output
- 62 Brake switch fused
- 63 High relay fused
- 64 Brake switch output
- 65 Brake relay inputs
- 66 Turn signal and horn power
- 67 Right front turn light
- 68 Left front turn light
- 69 Headlights, Taillights
- 70 Horn
- 73 Rev buzzer
- 87 Left tail turn light
- 88 Right tail turn light



Note
 20220316 Initial
 20220330 Added new fuse box
 20230424 Removed Run/Tow switch
 Move encoder supply from 5V to 12V
 Change module from 40-620 to 755
 Added BMS and Dash CAN ports
 Added flasher ground
 20240307 Correct Display wiring pinout



- 01: CANL
- 02: CANH
- 03: Right turn signal
- 04: Reserved
- 05: Low beam
- 06: Left turn signal
- 07: GND
- 08: Reserved
- 09: Reserved
- 10: Reserved
- 11: Reserved
- 12: Brake
- 13: Reverse
- 14: Power



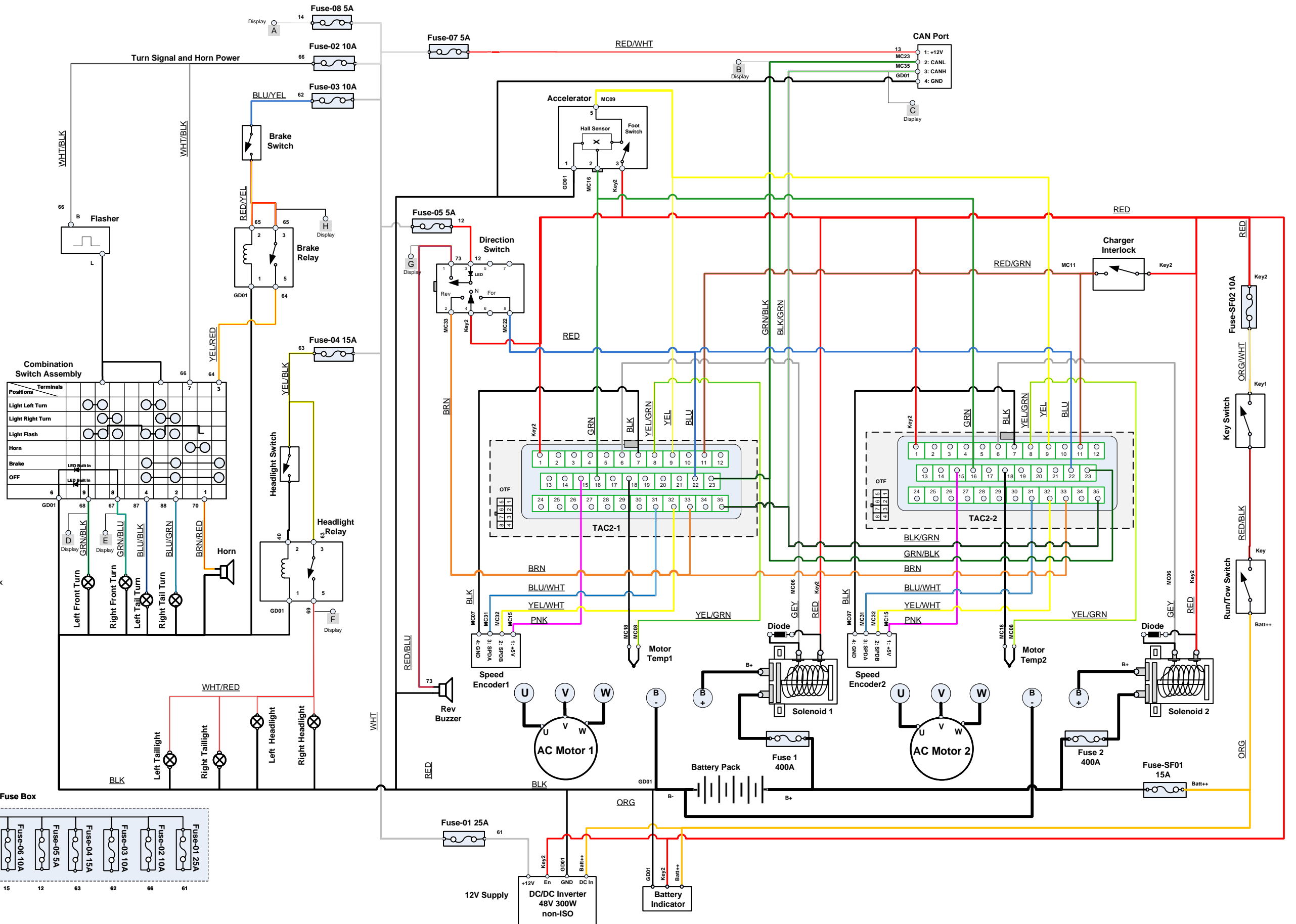


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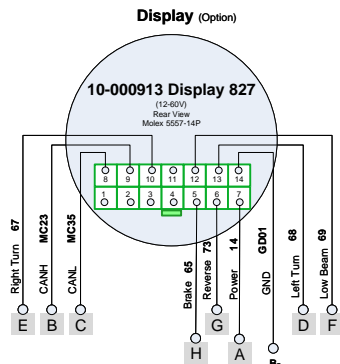


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 - P14: na
 - P15: +5V PF
 - P16: Throttle In
 - P17: Brake In]
 - P18: Analog GND
 - P19: SPD C In
 - P20: na
 - P21: na
 - P22: Forward In
 - P23: CANH
 - P24: Run/Tow In
 - P25: +12V Output
 - P26: +5V PF
 - P27: na
 - P28: na
 - P29: na
 - P30: SOC Display Out
 - P31: SPD A In
 - P32: SPD B In
 - P33: Reverse In
 - P34: na
 - P35: CANL
- B+ Battery positive
 - U AC motor phase
 - V AC motor phase
 - W AC motor phase
 - B- Battery negative
 - R Braking resistor (Not used)
- Batt+ Battery positive fused
 - GD01 Battery negative
 - Key1 Key switch
 - Key2 Logic Power
- 12 Rev buzzer fused
 - 61 DC DC inverter output
 - 62 Brake switch fused
 - 63 High relay fused
 - 64 Brake switch output
 - 65 Brake relay inputs
 - 66 Turn signal and horn power
 - 67 Right front turn light
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 - 73 Rev buzzer
 - 87 Left tail turn light
 - 88 Right tail turn light



Note
20220316 Initial
20220330 Added new fuse box



- 01: Reserved
 - 02: Reserved
 - 03: Reserved
 - 04: Reserved
 - 05: Gear status
 - 06: Reverse
 - 07: Power Supply
 - 08: CANL
 - 09: CANH
 - 10: Right turn signal
 - 11: Reserved
 - 12: Low beam
 - 13: Left turn signal
 - 14: GND
- Input active Hi
 - Input active Hi
 - Power Supply
 - CAN
 - CAN
 - Input active Hi
 - Input active Hi
 - GND

