

# H3-45

| REV. | DATE       | O.C.    | EFF.   | DESCRIPTION                                                | PAGE(S)                                                                       | BY   | CHECKED | APPROVED |
|------|------------|---------|--------|------------------------------------------------------------|-------------------------------------------------------------------------------|------|---------|----------|
| 0    | 2022/10/09 | 2018032 | R-1453 | P9660                                                      | All                                                                           | S.B. | G.P     | G.P      |
| 1    | 2022/10/27 | NA      | NA     | UPDATE                                                     | A , 0 , 30.3, 31.2                                                            | S.C. | E.O     | E.O      |
| 2    | 2022/12/01 | 2021102 | R-1498 | SPEAKERS VISATON                                           | 0,35.6                                                                        | S.C. | G.P.    | G.P.     |
| 3    | 2023/01/24 | NA      | NA     | UPDATE                                                     | 0,26.5,                                                                       | S.B. | E.O     | E.O      |
|      |            |         |        | UPDATE                                                     | 1.2, 2.1, 2.2, 3.2, 6.1,6.2, 6.3,<br>7.1, 9.1, 10.1, 17.1,26.1, 29.1,<br>38.1 | P.G  | E.O     | E.O      |
| 3-5  | 2023-03-20 | 2018032 |        | Resistor added to Front Flasher and Low Beam<br>and Update | 0, 26.1, 34.1                                                                 | P.G. | EO      | EO       |
| 4    | 2023-03-28 | 2022123 |        | New Fan Condenser SPAL an update                           | 0, 3.1, 4.2, 5.1, 8.1, 18.2,<br>19.1, 23.1, 26.1, 37.1, 39.1                  | P.G. | EO      | EO       |
| 5    | 2023-09-01 | NA      |        | Modification to heated Mirror                              | 0, 4.2, 31.1                                                                  | P.G. | EO      | EO       |
| 6    | 2023-12-15 | 2022123 |        | New Fan Condenser SPAL and update                          | 0,5.1,3.1,23.1,26.6,14.1,18.2,<br>A,C1,L,F,10.1                               | S.B. | EO      | EO       |

|  |                |                     |         |
|--|----------------|---------------------|---------|
|  | WIRING DIAGRAM | DWG NO.: D062140 p0 | REV.: 6 |
|--|----------------|---------------------|---------|

## Wiring diagram pages list

| Wiring diagram            | pages     |                            |           |                              |             |                        |             |
|---------------------------|-----------|----------------------------|-----------|------------------------------|-------------|------------------------|-------------|
| Multiplex outputs list    | <b>B1</b> | Destination sign           | 28.2      | <b>I</b>                     |             | <b>S</b>               |             |
| Multiplex inputs list     | <b>B2</b> | Digital clock              | 28.1      | Indirect lighting            | 23.1        | Sound system           | 35.6 - 35.8 |
| Multiplex error messages  | <b>B3</b> | Driver's light & backlight | 19.1      | Ignition                     | 3.2         | Sound sys.-Speakers    | 35.2        |
| Layout vehicule - harness | <b>C1</b> | Driver Seat                | 30.3      | ISM Parcel Rack              | 5.2         | Sound sys.-Video dist. | 35.3        |
| Sound system              | <b>C2</b> | Driver window              | 30.1      |                              |             | Sound sys.-Seat audio  | 35.7        |
| Pins configuration        | <b>D</b>  | <b>E</b>                   |           | <b>K</b>                     |             | Spares wires           | 8.1         |
| Circuits list             | <b>E</b>  | ELD Gateway                | 42.4      | Kneeling system              | 32.1        | Stop lights            | 26.2        |
| Circuit breakers list     | <b>F</b>  | Emergency Lights           | 45        |                              |             | Steering control ZF    | 37.2        |
| Connectors list           | <b>G</b>  | EMirror                    | 31.2      | <b>L</b>                     |             | Step lights            | 29.1        |
| Diodes list               | <b>H</b>  | Engine ECU                 | 14.1      | Lavatory                     | 11.1        | Strip Lighting         | 21.1        |
| Resistors list            | <b>J</b>  | Engine heater              | 14.1      | Line Departure Warning       | 16.2        | Sun visor              | 41.1        |
| Relays list               | <b>K</b>  | Engine start               | 3.2       | Low buoy                     | 32.1        |                        |             |
| Fuses list                | <b>L</b>  | Engine & RJB cmpt. Light   | 25.1      | Luggage door lock/unlock     | 33.1        | <b>T</b>               |             |
| Wire identification chart | <b>M</b>  | Entrance door & lights     | 29.1      |                              |             | Tag                    | 32.1        |
|                           |           | ESP                        | 16.1      | <b>M</b>                     |             | Tail & licence lights  | 26.2        |
| <b>A</b>                  |           |                            |           | Main dist. ignition & batt.  | 3.1         | Tire pressure monitor  | 39.1        |
| ACB                       | 39.1      | <b>F</b>                   |           | Markers lights               | 26.1 - 26.2 | Trailer package        | 26.4        |
| Air dryer                 | 37.1      | Fast idle                  | 14.1      | Mirrors                      | 31.1        | Trailer park brake     | 12.2        |
| Alternators               | 1.1       | Fans radiator              | 13.1      | Multiplex power distribution | 7.1         | Transmission ECU       | 15.1-15.2   |
| Alternators Remy          | 1.2       | Fire alarm                 | 38.1      | Multiplex network            | 6.1 - 6.2   |                        |             |
| Aisle Lights              | 20.1      | Fire suppression system    | 38.1      |                              |             | <b>U</b>               |             |
|                           |           | Flashers                   | 26.1-26.2 | <b>P</b>                     |             | Urea system            | 14.2        |
| <b>B</b>                  |           | Fog lights                 | 26.5      | Parcel rack A/C system       | 18.3        |                        |             |
| Back-up camera            | 28.1      | Forward Collision Warning  | 16.2      | Park brake sensor            | 12.1        | <b>V</b>               |             |
| Back-up warnings          | 26.3      | Fuel gauge                 | 10.1      | Park brake trailer sensor    | 12.2        | Volvo link TGW         | 37.1        |
| Batteries & Equalizer     | 1.1       |                            |           | Power distribution FJB 12V   | 4.1         |                        |             |
| Brake pedal sensor        | 12.1      | <b>G</b>                   |           | Power distribution FJB 24V   | 4.2         | <b>W</b>               |             |
|                           |           | Grounds electronic         | 2.1       | Pwr dist. RJB 12V & 24V      | 5.1         | Wall Led Strips        | 24.1        |
| <b>C</b>                  |           | Grounds chassis            | 2.2       | Power outlets 12V            | 30.2        | Water pre-heater       | 17.1        |
| Camera                    | 44        |                            |           | Power outlets 120VAC         | 40.1        | Wheel chair lift Ricon | 36.1        |
| Clearance lights          | 26.1-26.2 | <b>H</b>                   |           |                              |             | WIFI                   | 35.9        |
| Cluster                   | 10.1      | Hazard                     | 26.1      | <b>R</b>                     |             | Windows ajar           | 27.1        |
| Cornering lights          | 26.5      | Head lights                | 26.1      | Reading lamps                | 22.2        | Wipers & washer        | 34.1        |
| Cruise Control            | 16.2      | Horn                       | 9.1       | Retarder                     | 12.1 - 15.1 |                        |             |
|                           |           | Hostess chime              | 22.1      | Roof Hatches With Fan        | 18.5        |                        |             |
| <b>D</b>                  |           | Hvac defroster             | 18.1      |                              |             |                        |             |
| Dash lights               | 19.1      | Hvac passenger             | 18.2      |                              |             |                        |             |

## Wiring diagram pages list

| Wiring diagram            | pages     |                            |           |                              |             |                        |             |
|---------------------------|-----------|----------------------------|-----------|------------------------------|-------------|------------------------|-------------|
| Multiplex outputs list    | <b>B1</b> | Destination sign           | 28.2      | <b>I</b>                     |             | <b>S</b>               |             |
| Multiplex inputs list     | <b>B2</b> | Digital clock              | 28.1      | Indirect lighting            | 23.1        | Sound system           | 35.6 - 35.8 |
| Multiplex error messages  | <b>B3</b> | Driver's light & backlight | 19.1      | Ignition                     | 3.2         | Sound sys.-Speakers    | 35.2        |
| Layout vehicule - harness | <b>C1</b> | Driver Seat                | 30.3      | ISM Parcel Rack              | 5.2         | Sound sys.-Video dist. | 35.3        |
| Sound system              | <b>C2</b> | Driver window              | 30.1      |                              |             | Sound sys.-Seat audio  | 35.7        |
| Pins configuration        | <b>D</b>  | <b>E</b>                   |           | <b>K</b>                     |             | Spares wires           | 8.1         |
| Circuits list             | <b>E</b>  | ELD Gateway                | 42.4      | Kneeling system              | 32.1        | Stop lights            | 26.2        |
| Circuit breakers list     | <b>F</b>  | Emergency Lights           | 45        |                              |             | Steering control ZF    | 37.2        |
| Connectors list           | <b>G</b>  | Emirror                    | 31.2      | <b>L</b>                     |             | Step lights            | 29.1        |
| Diodes list               | <b>H</b>  | Engine ECU                 | 14.1      | Lavatory                     | 11.1        | Strip Lighting         | 21.1        |
| Resistors list            | <b>J</b>  | Engine heater              | 14.1      | Line Departure Warning       | 16.2        | Sun visor              | 41.1        |
| Relays list               | <b>K</b>  | Engine start               | 3.2       | Low buoy                     | 32.1        |                        |             |
| Fuses list                | <b>L</b>  | Engine & RJB cmpt. Light   | 25.1      | Luggage door lock/unlock     | 33.1        | <b>T</b>               |             |
| Wire identification chart | <b>M</b>  | Entrance door & lights     | 29.1      |                              |             | Tag                    | 32.1        |
|                           |           | Entrance Step lights       | 29.2      | <b>M</b>                     |             | Tail & licence lights  | 26.2        |
| <b>A</b>                  |           | ESP                        | 16.1      | Main dist. ignition & batt.  | 3.1         | Tire pressure monitor  | 39.1        |
| ACB                       | 39.1      | <b>F</b>                   |           | Markers lights               | 26.1 - 26.2 | Trailer package        | 26.4        |
| Air dryer                 | 37.1      | Fast idle                  | 14.1      | Mirrors                      | 31.1        | Trailer park brake     | 12.2        |
| Alternators               | 1.1       | Fans radiator              | 13.1      | Multiplex power distribution | 7.1         | Transmission ECU       | 15.1-15.2   |
| Alternators Remy          | 1.2       | Fire alarm                 | 38.1      | Multiplex network            | 6.1 - 6.2   |                        |             |
| Aisle Lights              | 20.1      | Fire suppression system    | 38.1      |                              |             | <b>U</b>               |             |
|                           |           | Flashers                   | 26.1-26.2 | <b>P</b>                     |             | Urea system            | 14.2        |
| <b>B</b>                  |           | Fog lights                 | 26.5      | Parcel rack A/C system       | 18.3        |                        |             |
| Back-up camera            | 28.1      | Forward Collision Warning  | 16.2      | Park brake sensor            | 12.1        | <b>V</b>               |             |
| Back-up warnings          | 26.3      | Fuel gauge                 | 10.1      | Park brake trailer sensor    | 12.2        | Volvo link TGW         | 37.1        |
| Batteries & Equalizer     | 1.1       |                            |           | Power distribution FJB 12V   | 4.1         |                        |             |
| Brake pedal sensor        | 12.1      | <b>G</b>                   |           | Power distribution FJB 24V   | 4.2         | <b>W</b>               |             |
|                           |           | Grounds electronic         | 2.1       | Pwr dist. RJB 12V & 24V      | 5.1         | Wall Led Strips        | 24.1        |
| <b>C</b>                  |           | Grounds chassis            | 2.2       | Power outlets 12V            | 30.2        | Water pre-heater       | 17.1        |
| Camera                    | 44        |                            |           | Power outlets 120VAC         | 40.1        | Wheel chair lift Ricon | 36.1        |
| Clearance lights          | 26.1-26.2 | <b>H</b>                   |           |                              |             | WIFI                   | 35.9        |
| Cluster                   | 10.1      | Hazard                     | 26.1      | <b>R</b>                     |             | Windows ajar           | 27.1        |
| Cornering lights          | 26.5      | Head lights                | 26.1      | Reading lamps                | 22.1        | Wipers & washer        | 34.1        |
| Cruise Control            | 16.2      | Horn                       | 9.1       | Retarder                     | 12.1 - 15.1 |                        |             |
|                           |           | Hostess chime              | 22.2      | Roof Hatches With Fan        | 18.5        |                        |             |
| <b>D</b>                  |           | Hvac defroster             | 18.1      |                              |             |                        |             |
| Dash lights               | 19.1      | Hvac passenger             | 18.2      |                              |             |                        |             |

| REV. | DATE | O.C. | EFF. | DESCRIPTION | PAGE(S) | BY | CHECKED | APPROVED |
|------|------|------|------|-------------|---------|----|---------|----------|
|      |      |      |      |             |         |    |         |          |

|                 |                |          |       |
|-----------------|----------------|----------|-------|
| <b>PREVOST.</b> | WIRING DIAGRAM | DWG NO.: | REV.: |
|-----------------|----------------|----------|-------|

## Wiring diagram pages list

| Wiring diagram            | pages     |                            |           |                              |             |                        |             |
|---------------------------|-----------|----------------------------|-----------|------------------------------|-------------|------------------------|-------------|
| Multiplex outputs list    | <b>B1</b> | Destination sign           | 28.2      | <b>I</b>                     |             | <b>S</b>               |             |
| Multiplex inputs list     | <b>B2</b> | Digital clock              | 28.1      | Indirect lighting            | 23.1        | Sound system           | 35.6 - 35.8 |
| Multiplex error messages  | <b>B3</b> | Driver's light & backlight | 19.1      | Ignition                     | 3.2         | Sound sys.-Speakers    | 35.2        |
| Layout vehicule - harness | <b>C1</b> | Driver Seat                | 30.3      | ISM Parcel Rack              | 5.2         | Sound sys.-Video dist. | 35.3        |
| Sound system              | <b>C2</b> | Driver window              | 30.1      |                              |             | Sound sys.-Seat audio  | 35.7        |
| Pins configuration        | <b>D</b>  | <b>E</b>                   |           | <b>K</b>                     |             | Spares wires           | 8.1         |
| Circuits list             | <b>E</b>  | ELD Gateway                | 42.4      | Kneeling system              | 32.1        | Stop lights            | 26.2        |
| Circuit breakers list     | <b>F</b>  | Emergency Lights           | 45        |                              |             | Steering control ZF    | 37.2        |
| Connectors list           | <b>G</b>  | Engine ECU                 | 14.1      | <b>L</b>                     |             | Step lights            | 29.1        |
| Diodes list               | <b>H</b>  | Engine heater              | 14.1      | Lavatory                     | 11.1        | Strip Lighting         | 21.1        |
| Resistors list            | <b>J</b>  | Engine start               | 3.2       | Line Departure Warning       | 16.2        | Sun visor              | 41.1        |
| Relays list               | <b>K</b>  | Engine & RJB cmpt. Light   | 25.1      | Low buoy                     | 32.1        |                        |             |
| Fuses list                | <b>L</b>  | Entrance door & lights     | 29.1      | Luggage door lock/unlock     | 33.1        | <b>T</b>               |             |
| Wire identification chart | <b>M</b>  | ESP                        | 16.1      |                              |             | Tag                    | 32.1        |
|                           |           |                            |           | <b>M</b>                     |             | Tail & licence lights  | 26.2        |
| <b>A</b>                  |           | <b>F</b>                   |           | Main dist. ignition & batt.  | 3.1         | Tire pressure monitor  | 39.1        |
| ACB                       | 39.1      | Fast idle                  | 14.1      | Markers lights               | 26.1 - 26.2 | Trailer package        | 26.4        |
| Air dryer                 | 37.1      | Fans radiator              | 13.1      | Mirrors                      | 31.1        | Trailer park brake     | 12.2        |
| Alternators               | 1.1       | Fire alarm                 | 38.1      | Multiplex power distribution | 7.1         | Transmission ECU       | 15.1-15.2   |
| Alternators Remy          | 1.2       | Fire suppression system    | 38.1      | Multiplex network            | 6.1 - 6.2   |                        |             |
| Aisle Lights              | 20.1      | Flashers                   | 26.1-26.2 |                              |             | <b>U</b>               |             |
|                           |           | Fog lights                 | 26.5      | <b>P</b>                     |             | Urea system            | 14.2        |
| <b>B</b>                  |           | Forward Collision Warning  | 16.2      | Parcel rack A/C system       | 18.3        |                        |             |
| Back-up camera            | 28.1      | Fuel gauge                 | 10.1      | Park brake sensor            | 12.1        | <b>V</b>               |             |
| Back-up warnings          | 26.3      |                            |           | Park brake trailer sensor    | 12.2        | Volvo link TGW         | 37.1        |
| Batteries & Equalizer     | 1.1       | <b>G</b>                   |           | Power distribution FJB 12V   | 4.1         |                        |             |
| Brake pedal sensor        | 12.1      | Grounds electronic         | 2.1       | Power distribution FJB 24V   | 4.2         | <b>W</b>               |             |
|                           |           | Grounds chassis            | 2.2       | Pwr dist. RJB 12V & 24V      | 5.1         | Wall Led Strips        | 24.1        |
| <b>C</b>                  |           |                            |           | Power outlets 12V            | 30.2        | Water pre-heater       | 17.1        |
| Camera                    | 44        | <b>H</b>                   |           | Power outlets 120VAC         | 40.1        | Wheel chair lift Ricon | 36.1        |
| Clearance lights          | 26.1-26.2 | Hazard                     | 26.1      |                              |             | WIFI                   | 35.9        |
| Cluster                   | 10.1      | Head lights                | 26.1      | <b>R</b>                     |             | Windows ajar           | 27.1        |
| Cornering lights          | 26.5      | Horn                       | 9.1       | Reading lamps                | 22.2        | Wipers & washer        | 34.1        |
| Cruise Control            | 16.2      | Hostess chime              | 22.2      | Retarder                     | 12.1 - 15.1 |                        |             |
|                           |           | Hvac defroster             | 18.1      | Roof Hatches With Fan        | 18.5        |                        |             |
| <b>D</b>                  |           | Hvac passenger             | 18.2      |                              |             |                        |             |
| Dash lights               | 19.1      |                            |           |                              |             |                        |             |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                               | P9660               |
|-------------------------------------------|---------------------|
| CHANGE ORDER                              | 2018032             |
| EFFECTIVE VEHICLE                         | R-1453              |
| wiring revision                           | 0                   |
| ACB_Gen2                                  | 0610245             |
| Adaptor Phantom Feed - Radio Antenna      | 22480495            |
| Adaptor Fakra to Motorola - Radio Antenna | 901727              |
| Antenna cable - AM/FM/DBA                 | 901728              |
| ailse_light_extension                     | idemX3_069424       |
| AFSS Eberspasher Harness                  | 0600144             |
| AFSS ProHeat Harness                      | 0600089             |
| AirHorn_harness                           | idemX3_0610004      |
| Aisle_lights_harness                      | 0600110             |
| Alt_battery_LH                            | 060682              |
| Alt_battery_LH_REMY                       | 0610053             |
| Alt_battery                               | 060684              |
| Alt_battery_REMY                          | 0610052             |
| Alt_chassis_GND                           | idemX3_060264       |
| Alt_chassis_GND_REMY                      | 0610034             |
| Alt_Jumper_Power                          | idemX3_060265       |
| Alt_LH_chassis_GND                        | idemX3_069504       |
| Alt_LH_chassis_GND_REMY                   | 0610035             |
| Alternator_Ctrl_RH_harness_BOSCH          | 0600111             |
| Alternator_Ctrl_RH_harness_REMY           | 0600113             |
| Alternator_Ctrl_LH_harness_BOSCH          | 0600112             |
| Alternator_Ctrl_LH_harness_REMY           | 0600114             |
| Batt_charger_120V_inlet                   | 0600155             |
| Batt_charger_120V_Xantrex                 | 0600133             |
| battery_12Vd_harness                      | 060686              |
| battery_24Vd_harness                      | 060691              |
| Battery_Cable                             | 062371              |
| Battery_GND_Electro_harness               | 060693              |
| Battery_Gnd_Harness                       | 063592_microstation |
| Beru_antenna                              | idemX3_0610143      |
| Beru_Fjb                                  | idemX3_0610142      |
| Brigade to infotainment harness           | 0610604             |
| Bumper_Harness_Acb                        | 0600026             |
| Bumper_Harness_Acb_Fog                    | 0600025             |
| Cable adapteur 120v Pour conducteur       | 0600090             |
| Comp_Bitzer                               | idemMth_061482      |
| Comp_Bock                                 | IDEM VIP0610550     |
| Destination_Sign_Emergency_Sw124          | IdemX3_069944       |
| Destination_Sign_Front_To_Side            | IdemX3_069941       |
| Destination_Sign_Interconn_Side_Rear      | IdemX3_069942       |
| Destination_Sign_Interconnection          | IdemX3_069940       |
| Destination_Sign_Rear                     | IdemX3_069943       |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                            | P9660                  |
|----------------------------------------|------------------------|
| CHANGE ORDER                           | 2018032                |
| EFFECTIVE VEHICLE                      | R-1453                 |
| wiring revision                        | 0                      |
| booster_positive_Harness               | 060692                 |
| Cablage__ASM                           | 061180_JPEG            |
| Dash                                   | 0600007                |
| Docking Cornering Sw.                  | 0610012 / 066613 (SAV) |
| Entrance_Door_Harness                  | 0600013                |
| SCR Cmpt Clearance lights Harness      | 0600031                |
| DPF_Door_light                         | 0600046                |
| DPF_Volvo                              | 060746                 |
| Driver_120VAC_Outlet                   | Idem X3_0610152        |
| electric_horn                          | 0600018                |
| Electronic Mirrors Harness             | 0610486                |
| Eng_Cradle_Allisson                    | 0600115                |
| Eng_Cradle_Ishift                      | 0600121                |
| Engine_Acc                             | 0600120                |
| Engine_chassis_GND                     | IdemX3_060306          |
| ENGINE_DOOR                            | 060748                 |
| Engine_Block_Heater_Harness            | Idem X3_0610126        |
| equilizer_harness_Vanner               | 060855                 |
| Evap_HARNESS_Ctrl                      | 060804                 |
| Evap_Power_GND_harness                 | idemX3_060527          |
| Evap_power_harness_                    | IdemX3_060529          |
| FanDrive_harness                       | IdemX3_068820          |
| FanDrive_pwr24                         | idemX3_069245          |
| FanDrive_pwrGnd                        | idemX3_069246          |
| FJB                                    | 0600000                |
| AFSS Pro-Heat interface                | 0600089                |
| FJB_TransAlisson                       | 0600003                |
| FJB_TransIShift                        | 0600021                |
| Flame_Detector_Ext_Harness             | 061046                 |
| Front_Clearance_Harness                | 0600011                |
| Front_flip_screen                      | IdemX3_060099          |
| Front_Harness                          | 0600001                |
| Front_Harness_Interface                | 0600123                |
| Fuel_gauge_harness                     | idemX3_060087          |
| Indiv_Headset_Radios_PWR               | 401420                 |
| Inter_Batt_cable                       | 061036                 |
| Interior_Light_access                  | 0600009                |
| INVerter_120Vac_LH (Option 1 inverter) | 0600150                |
| INVerter_120Vac_LH (Option 2 inverter) | 0600147                |
| INVerter_120Vac_RH                     | 0600096                |
| 24V_Inverter_harness                   | 0600137                |
| InverterJonctionNegatif                | 060819                 |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                              | P9660         |
|------------------------------------------|---------------|
| CHANGE ORDER                             | 2018032       |
| EFFECTIVE VEHICLE                        | R-1453        |
| wiring revision                          | 0             |
| InverterJonctionNegatif2                 | 061149        |
| InverterJonctionPositif                  | 060019        |
| ISM_RELAY_Prack                          | 0610200       |
| JUMPER_120VAC_WCL                        | 068937        |
| Jumper_Y_120Vac                          | 068221        |
| Lavatory                                 | 060833        |
| Led Pied conducteur                      | 0600078       |
| LH_CONSOLE                               | Cancel        |
| LH_Console Alisson                       | 0600003       |
| LH_Console I_Shift                       | 0600021       |
| ENGINE_LINEAR_THERMAL_Harness            | 0610154       |
| Linear_thermal_WO_afss                   | idemH3_069175 |
| Lugg_Harness_H341                        | 0610010       |
| Lugg_Harness_H345                        | 0600051       |
| Outlet_120vac_P Rack X3_Seul             | 0600131       |
| ParcelRackJB                             | 0600029       |
| Plug_for_2_sliding_seats                 | 067984        |
| Plug_for_3_sliding_seats                 | 068321        |
| Pneumatic_Plate_harness                  | 0600020       |
| Power_harness_45pi                       | 0600014       |
| Power_harness_41pi                       | 0600017       |
| Power_RH_Splitter_harness                | 060654        |
| Power_Steering_Ctrl                      | 0600015       |
| PowerVecr                                | 060870        |
| PreHeate_relay                           | 060872        |
| PreHeater_GND                            | idemX3_060308 |
| Preheater_Thermal_harness                | idemX3_067676 |
| Preheater_ON_W_Batt_Charger              | idemX3_060092 |
| Preheater_ON_W_HVAC                      | idemX3_060093 |
| ProHeat_Interface                        | idemX3_060228 |
| ProHeat_Timer_Harness                    | 060016        |
| Proheat_To_RJB_harness                   | 0610115       |
| RadiatorChassisGnd                       | idemX3_069279 |
| Radiator door harness                    | 061153        |
| Reading_Light_RH_Standard                | 0600041       |
| Reading_Light_LH_Standard                | 0600040       |
| Rear_wheel_sub_harness                   | 0610473       |
| Relay_Melco_batt                         | idemX3_069542 |
| Resistor for speakers impedance matching | 0600088       |
| RHC_PowerHarness                         | 0600006       |
| RJB_ALISSON                              | 0600023       |
| RJB_Ctrl                                 | 0600085       |

# VEHICLE HARNESS ROADMAP

|                                                      |                |
|------------------------------------------------------|----------------|
| <b>DESCRIPTION</b>                                   | <b>P9660</b>   |
| <b>CHANGE ORDER</b>                                  | <b>2018032</b> |
| <b>EFFECTIVE VEHICLE</b>                             | <b>R-1453</b>  |
| <b>wiring revision</b>                               | <b>0</b>       |
| RJB_ISHIFT                                           | 0600024        |
| Rear_clearence_harness                               | 0600030        |
| RH modesty panel AV                                  | 0610605        |
| Roof_Haches_W_Fan                                    | 0600108        |
| Service_Door_Harness                                 | 0600012        |
| Sound_System_AuxHarness                              | 062817         |
| Sound_System_Harness                                 | 062799         |
| Sound_System_Prack_Harness                           | 063106         |
| Sound_system_pwr_harness                             | 0600083        |
| SpherosTimerHarness                                  | 0600089        |
| Starter_chassis_GND                                  | idemX3_060307  |
| starter_relay_Melco_VOLVO                            | 060711         |
| StarterBattery                                       | 060712         |
| SubWofferExtHarness                                  | idemH3_066743  |
| TPMS_antennas                                        | 0600008        |
| Trailer_Inputs_VEC_harness                           | 060722         |
| Trailer_Outputs_VEC_harness                          | 060723         |
| Trans_Fr_to_Rr_H345                                  | 0600010        |
| TransSensorWithoutRetarder_harness                   | IDEMX3_0610588 |
| TransSensorWithRetarder_harness                      | IDEMX3_0610586 |
| Stairs_UpperSection_Harness                          | 0600032        |
| Stairs_LowerSection_Harness                          | 0600033        |
| Urea_Harness                                         | 0610590        |
| USB_5V_Harness                                       | IdemX3_060660  |
| USB_Ipod_harness                                     | idemX3_901349  |
| Wall_LedStrip_Ext_WCL                                | 0600044        |
| WCL_IOE_Control                                      | 0600117        |
| wcl_power_harness                                    | 060728         |
| Wcl Ricon Access                                     | IdemCOM069744  |
| Wcl ricon lighting                                   | 061248         |
| WCL_RICON_Lighting_Jumper                            | 069065         |
| WCL_Ricon_Window_Sw_Lh                               | 0600048        |
| WCL_Ricon_Window_Sw_RH                               | 0600050        |
| wcl_upperDoorControl                                 | 0600080        |
| WclRiconSlidingDoor                                  | 069992         |
| wifi_system_gnd                                      | idemX3_069925  |
| Win_Ajar_FJB                                         | idemX3_060574  |
| Win_ajar_window_side_LH                              | see 0600083    |
| Win_ajar_window_side_RH                              | see 0600084    |
| Win_ajar_window_Ricon_RH                             | 060757         |
| Windshield_Washer_Harness                            | 0600019        |
| Wind Ajar, Curb Lights and câblage système de son LH | 0600083        |
| Wind Ajar, Curb Lights RH                            | 0600084        |

## BREAKERS LIST

[illegible]

# CONNECTORS LIST

| No        | Location       | Part # | Gender | No       | Location       | Part # | Gender |
|-----------|----------------|--------|--------|----------|----------------|--------|--------|
| 24SS_OP   | Parcel_Rack_LH | 563071 | male   | A36.JC   | Front          | 562957 | male   |
| 24SS_OP   | Parcel_Rack_LH | 563040 | female | A36A.JA  | Front          | 564325 | male   |
| 24SS_OP_2 | Parcel_Rack_LH | 563071 | male   | A36A.JB  | Front          | 562767 | male   |
| 24SS_OP_2 | Parcel_Rack_LH | 563040 | female | A39.P101 | Parcel_Rack_LH | 563201 | male   |
| A1        | RJB            | 563975 | male   | A39.P901 | Parcel_Rack_LH | 563953 | male   |
| A2        | FJB            | 563984 | male   | A50      | P_Rack         | 563996 | female |
| A5        | Service_Cmpt   | 562428 | female | A60.A    | P_Rack         | 563071 | male   |
| A6        | Engine_Cmpt    | 562427 | male   | A60.B    | P_Rack         | 562706 | female |
| A7        | Rear_Axle_Cmpt | 563979 | male   | A60.C    | P_Rack         | 901110 | male   |
| A8.A      | Dash           | 564698 | male   | A60.D    | P_Rack         | 901110 | male   |
| A9.Cx1    | FJB            | 564041 | female | A60.E    | P_Rack         | 560799 | female |
| A9.Cx2    | FJB            | 563678 | male   | A60.F    | P_Rack         | bidon  | male   |
| A9.Cx3    | FJB            | 564037 | female | A61.A    | Parcel_Rack_LH | 562464 | male   |
| A9.Cx4    | FJB            | 564038 | female | A61.B    | Parcel_Rack_LH | 562465 | male   |
| A10.X1    | Engine_Cmpt    | 563135 | male   | A63      | Roof           | 562090 | male   |
| A10.X3    | Engine_Cmpt    | 563134 | female | A65.A    | Parcel_Rack_LH | 563025 | male   |
| A11       | Dash           | 563142 | male   | A65.B4   | Parcel_Rack_LH | bidon  | male   |
| A12.A     | DriverArea     | 564699 | male   | A65.B5   | Parcel_Rack_LH | bidon  | male   |
| A14.A     | Dash           | 562765 | male   | A65.B6   | Parcel_Rack_LH | bidon  | male   |
| A14.B     | Dash           | 562764 | male   | A65.D    | Parcel_Rack_LH | bidon  | male   |
| A14.C     | Dash           | 562767 | male   | A65.E    | Parcel_Rack_LH | 563071 | male   |
| A14.D     | Dash           | 562766 | male   | A65.G1   | Parcel_Rack_LH | 563071 | male   |
| A15       | Dash           | 562464 | male   | A65.G2   | Parcel_Rack_LH | 563071 | male   |
| A19       | LH_Console     | 562878 | female | A65.G3   | Parcel_Rack_LH | 563071 | male   |
| A20       | FrontRoof      | 562465 | male   | A65.H1   | Parcel_Rack_LH | 561716 | female |
| A21.A     | Dash           | 564038 | female | A65.H2   | Parcel_Rack_LH | 561716 | female |
| A21.B     | Dash           | 564700 | male   | A65.H3   | Parcel_Rack_LH | 561716 | female |
| A22       | Dash           | 564004 | male   | A65.J    | Parcel_Rack_LH | 562465 | male   |
| A23       | P_Rack         | 564004 | male   | A69L.A   | Parcel_Rack_LH | 563025 | male   |
| A24       | P_Rack         | 564004 | male   | A69L.B1  | Parcel_Rack_LH | bidon  | male   |
| A25       | Parcel_Rack_LH | 563025 | male   | A69L.B2  | Parcel_Rack_LH | bidon  | male   |
| A26.P1    | Enginecmpt.    | 562350 | male   | A69L.B3  | Parcel_Rack_LH | bidon  | male   |
| A26.P2    | Enginecmpt.    | 563322 | female | A69L.B4  | Parcel_Rack_LH | bidon  | male   |
| A26.P4    | Enginecmpt.    | 568088 | male   | A69L.C   | Parcel_Rack_LH | bidon  | male   |
| A27       | Service_Cmpt   | 562929 | male   | A69R.A   | Parcel_Rack_RH | 563025 | male   |
| A28       | Service_Cmpt   | 562928 | male   | A69R.B1  | Parcel_Rack_RH | bidon  | male   |
| A29       | FJB            | 564004 | male   | A69R.B2  | Parcel_Rack_RH | bidon  | male   |
| A31       | P_Rack         | 564004 | male   | A69R.B3  | Parcel_Rack_RH | bidon  | male   |
| A34.J     | Enginecmpt.    | 568118 | male   | A69R.B4  | Parcel_Rack_RH | bidon  | male   |
| A34.K     | Enginecmpt.    | 564270 | male   | A69R.C   | Parcel_Rack_RH | bidon  | male   |
| A34.L     | Enginecmpt.    | 564269 | male   | A70a.A   | Parcel_Rack    | 561540 | female |
| A36.JA    | Front          | 562767 | male   | A71      | Dash           | 563884 | male   |
| A36.JB    | Front          | 562765 | male   | A77      | Parcelrack     | 564547 | male   |

# CONNECTORS LIST

| No            | Location     | Part # | Gender | No       | Location       | Part #   | Gender |
|---------------|--------------|--------|--------|----------|----------------|----------|--------|
| A78           | Parcelrack   | 562583 | female | A121.Vsb | Dashboard      | 563678   | male   |
| A79           | Parcelrack   | 562583 | female | A121.Vsc | Dashboard      | 564037   | male   |
| A80           | Parcelrack   | 562479 | female | A121.Vsd | Dashboard      | 564118   | male   |
| A81.CN1       | FJB          | 562767 | male   | A122.A   | Parcel_Rack_LH | 563960   | male   |
| A81.CN3A      | FJB          | 564741 | male   | A122.B   | Parcel_Rack_LH | 563962   | male   |
| A81.CN3B      | FJB          | 564742 | male   | A122.C1  | Parcel_Rack_LH | 563956   | male   |
| A83.A         | FJB          | 565970 | male   | A122.C2  | Parcel_Rack_LH | 563957   | male   |
| A95.A         | P_Rack       | 564489 | female | A122.C3  | Parcel_Rack_LH | 563958   | male   |
| A95.B         | P_Rack       | 562706 | female | A123.A   | Parcel_Rack_LH | 563960   | male   |
| A95.C         | P_Rack       | 562706 | female | A123.B   | Parcel_Rack_LH | 563962   | male   |
| A96.A         | Front        | 563678 | male   | A123.C1  | Parcel_Rack_LH | 563956   | male   |
| A96.B         | Front        | 562795 | male   | A123.C2  | Parcel_Rack_LH | 563957   | male   |
| A97A          | Front        | 563226 | male   | A123.C3  | Parcel_Rack_LH | 563958   | male   |
| A97A          | Front        | 563613 | female | A124.A   | Parcel_Rack_LH | 563960   | male   |
| A97B          | Front        | 563226 | male   | A124.B   | Parcel_rack    | 563962   | male   |
| A97B          | Front        | 563613 | female | A124.C1  | Parcel_rack    | 563956   | male   |
| A97S.A1       | Front        | 564401 | male   | A124.C2  | Parcel_rack    | 563957   | male   |
| A97S.A2       | Front        | 564402 | male   | A124.C3  | Parcel_rack    | 563958   | male   |
| A97S.A3       | Front        | 564403 | male   | A127     | Dashboard      | 562957   | male   |
| A99           | Dash         | 564205 | male   | A128     | Dash           | 563878   | male   |
| A100          | FrontAxelAnt | 563515 | male   | A129     | Parcel_Rack_LH | 563878   | male   |
| A101          | FrontAxelAnt | 563515 | male   | A130     | Driver_Area    | 563226   | male   |
| A102          | FrontAxelAnt | 563515 | male   | A131.A   | Engine_Cmpt    | 561782   | male   |
| A107          | EngineCmpt.  | 560336 | male   | A131.B   | Engine_Cmpt    | 561781   | female |
| A108          | RJB          | 562766 | male   | A137A    | Condensercmpt. | 20429843 | male   |
| A109A         | FJB          | 564141 | male   | A138     | Cond_Cmpt      | 563787   | male   |
| A111          | Lavatory     | 562550 | female | A150     | Modesty_LH     | 562957   | male   |
| A114A         | Bumper       | 564252 | male   | A150LH   | Modesty_LH     | 562957   | male   |
| A116          | Dash         | 563872 | female | A150RH   | Modesty_RH     | 562957   | male   |
| A120.A        | Dash         | 563960 | male   | A152.A   | Parcelrack     | 561550   | male   |
| A120.B        | Dash         | 563962 | male   | A152.B   | Parcelrack     | 563071   | male   |
| A120.C1       | Dash         | 563956 | male   | A152.C   | Parcelrack     | 563071   | male   |
| A120.C2       | Dash         | 563957 | male   | A152.D   | Parcelrack     | 563071   | male   |
| A120.C3       | Dash         | 563958 | male   | A152.E   | Parcelrack     | 563071   | male   |
| A120.USB_COM  | Dash         | 563878 | male   | A152.F   | Parcelrack     | 563071   | male   |
| A120A.J1      | Dashboard    | 563525 | male   | A152.G   | Parcelrack     | 563071   | male   |
| A120A.J2      | Dashboard    | 563526 | female | A152.H   | Parcelrack     | 563071   | male   |
| A120A.J3      | Dashboard    | 563527 | female | A152.I   | Parcelrack     | 563071   | male   |
| A120A.USB     | Dash         | 563878 | male   | A152.J   | Parcelrack     | 563071   | male   |
| A120A.USB_COM | Dash         | 563878 | male   | A152.K   | Parcelrack     | 562779   | male   |
| A121.B        | Dash         | bidon  | male   | A152.L   | Parcelrack     | 562779   | male   |
| A121.USB      | Dash         | 563878 | male   | A162.A   | Front_Roof     | 561690   | male   |
| A121.Vsa      | Dashboard    | 563679 | male   | A162.B   | Front_Roof     | 561782   | male   |

# CONNECTORS LIST

| No       | Location    | Part # | Gender | No       | Location        | Part # | Gender |
|----------|-------------|--------|--------|----------|-----------------|--------|--------|
| A164.A   | Front_Roof  | 561690 | male   | AE49.J3  | RJB             | 565957 | male   |
| A164.B   | Front_Roof  | 561782 | male   | AE50.J1  | RJB             | 563679 | male   |
| A166     | Front_Roof  | 561637 | male   | AE50.J2  | RJB             | 564037 | male   |
| A614.A   | P_RACK      | 561550 | male   | AE50.J3  | RJB             | 565957 | male   |
| A614.C1  | P_RACK      | 563071 | male   | AE51.J1  | RJB             | 563679 | male   |
| A614.C2  | P_RACK      | 563071 | male   | AE51.J2  | RJB             | 564037 | female |
| A614.C3  | P_RACK      | 563071 | male   | AE51.J3  | RJB             | 565957 | male   |
| A614.C4  | P_RACK      | 563071 | male   | AE52.J1  | RJB             | 563679 | male   |
| A614.C5  | P_RACK      | 563071 | male   | AE52.J2  | RJB             | 564037 | female |
| A614.C6  | P_RACK      | 563071 | male   | AE52.J3  | RJB             | 565957 | male   |
| A614.I/O | Parcel_Rack | bidon  | male   | AE53.J1  | RJB             | 563679 | male   |
| A614.P1  | Parcel_Rack | 562783 | male   | AE53.J2  | RJB             | 564037 | female |
| A614.P2  | Parcel_Rack | 562783 | male   | AE53.J3  | RJB             | 565957 | male   |
| A614.P3  | Parcel_Rack | 562783 | male   | AE54.J1  | Evaporatorcmpt. | 563679 | male   |
| AE41.J1  | FJB         | 563679 | male   | AE54.J2  | Evaporatorcmpt. | 564037 | female |
| AE41.J2  | FJB         | 564037 | female | AE54.J3  | Evaporatorcmpt. | 565957 | male   |
| AE41.J3  | FJB         | 564004 | male   | AE55.J1  | Dash            | 563679 | male   |
| AE42.J1  | FJB         | 563679 | male   | AE55.J2  | Dash            | 564037 | female |
| AE42.J2  | FJB         | 564037 | female | AE55.J3  | Dash            | 564004 | male   |
| AE42.J3  | FJB         | 564004 | male   | AE56.J1  | Dash            | 563679 | male   |
| AE43.J1  | FJB         | 563679 | male   | AE56.J2  | Dash            | 564037 | male   |
| AE43.J2  | FJB         | 564037 | male   | AE56.J3  | Dash            | 564004 | male   |
| AE43.J3  | FJB         | 565957 | male   | AE57.J1  | WCLcmpt.        | 563679 | male   |
| AE44.J1  | FJB         | 563679 | male   | AE57.J2  | WCLcmpt.        | 564037 | male   |
| AE44.J2  | FJB         | 564037 | female | AE57.J3  | WCLcmpt.        | 564004 | male   |
| AE44.J3  | FJB         | 565957 | male   | AE58.J1  | P_Rack          | 563679 | male   |
| AE45.J1  | FJB         | 563679 | male   | AE58.J2  | P_Rack          | 564037 | male   |
| AE45.J2  | FJB         | 564037 | female | AE58.J3  | P_Rack          | 565957 | male   |
| AE45.J3  | FJB         | 565957 | male   | Alt_LL.B | Engine_Cmpt     | 564410 | female |
| AE46.J1  | FJB         | 563679 | male   | Alt_UR.B | Engine_Cmpt     | 564469 | female |
| AE46.J2  | FJB         | 564037 | female | AltLL.A  | Enginecmpt.     | 563746 | female |
| AE46.J3  | FJB         | 565957 | male   | AltLL.B  | Enginecmpt.     | 560815 | female |
| AE47.J1  | RH_console  | 563679 | male   | AltLL.C  | Enginecmpt.     | 564469 | female |
| AE47.J2  | RH_console  | 564037 | female | AltLR.A  | enginecmpt.     | 563746 | female |
| AE47.J3  | RH_console  | 565957 | male   | AltLR.B  | Enginecmpt.     | 560815 | female |
| AE48.J1  | RH_console  | 563679 | male   | AltLR.C  | Enginecmpt.     | 564469 | female |
| AE48.J2  | RH_console  | 564037 | female | AltUR.A  | Enginecmpt.     | 563746 | female |
| AE48.J3  | RH_console  | 565957 | male   | AltUR.B  | Enginecmpt.     | 560815 | female |
| AE49.J1  | RJB         | 563679 | male   | AltUR.C  | Enginecmpt.     | 564469 | female |
| AE49.J2  | RJB         | 564037 | male   | B85      | Engine_Cmpt     | 563815 | male   |

# CONNECTORS LIST

| No        | Location        | Part # | Gender | No         | Location        | Part # | Gender |
|-----------|-----------------|--------|--------|------------|-----------------|--------|--------|
| B96       | Engine_Cmpt     | 563821 | male   | C16        | RJB             | 561605 | female |
| B96B      | Engine_Cmpt     | 563823 | male   | C17        | RJB             | 560195 | male   |
| B97       | Engine_Cmpt     | 563816 | male   | C17        | RJB             | 560169 | female |
| B98       | Engine_Cmpt     | 563817 | male   | C18        | FJB             | 561986 | male   |
| B99       | Engine_Cmpt     | 563815 | male   | C18        | FJB             | 561987 | female |
| B115A     | Enginecmpt.     | 564226 | male   | C19        | RJB             | 561986 | male   |
| B142C     | Urea_Cmpt       | 563515 | male   | C19        | RJB             | 561987 | female |
| B310      | Enginecmpt.     | 565967 | male   | C20A       | Evap_Cmpt       | 562485 | male   |
| C1        | FJB             | 563589 | male   | C20A       | Evap_Cmpt       | 562486 | female |
| C1        | FJB             | 563590 | female | C20B       | Evap_Cmpt       | 562485 | male   |
| C1S       | FJB             | 563589 | male   | C20B       | Evap_Cmpt       | 562486 | female |
| C1S       | FJB             | 563590 | female | C22        | FJB             | 561986 | male   |
| C2        | Service_Cmpt    | 563580 | male   | C22        | FJB             | 561987 | female |
| C2        | Service_Cmpt    | 563581 | female | C23        | Evaporatorcmpt. | 564034 | male   |
| C2A       | FJB             | 563580 | male   | C23        | Evaporatorcmpt. | 564035 | female |
| C2A       | FJB             | 563581 | female | C24_plug   | Evap_Cmpt       | 561690 | male   |
| C2B       | FJB             | 563580 | male   | C24_socket | Evap_Cmpt       | 561566 | female |
| C2B       | FJB             | 563581 | female | C25        | P_Rack          | 561734 | male   |
| C3_plug   | RJB             | 563589 | male   | C25        | P_Rack          | 561735 | female |
| C3_socket | RJB             | 563590 | female | C25A       | P_Rack          | 561734 | male   |
| C3AP      | FJB             | 563589 | male   | C25A       | P_Rack          | 561735 | female |
| C3AP      | FJB             | 563590 | female | C26        | Ureacmpt.       | 563226 | male   |
| C3AS      | FJB             | 563589 | male   | C26        | Ureacmpt.       | 563613 | female |
| C3AS      | FJB             | 563590 | female | C26A       | Ureacmpt.       | 568110 | male   |
| C3S       | RJB             | 563593 | male   | C26A       | Ureacmpt.       | 568109 | female |
| C3S       | RJB             | 563590 | female | C26B       | Ureacmpt.       | 563227 | male   |
| C4        | FJB             | 563580 | male   | C26B       | Ureacmpt.       | 563614 | female |
| C4        | FJB             | 563581 | female | C27        | Front           | 563618 | male   |
| C5        | FJB             | 563589 | male   | C27        | Front           | 563616 | female |
| C5        | FJB             | 563590 | female | C28        | Dash            | 561986 | male   |
| C8        | FJB             | 568112 | male   | C28        | Dash            | 561987 | female |
| C8        | FJB             | 568111 | female | C29        | 3rd_Lugg_Cmpt   | 563652 | female |
| C9        | RJB             | 561986 | male   | C29        | 4rd_Lugg_Cmpt   | 563651 | male   |
| C9        | RJB             | 561987 | female | C30        | 3rd_Lugg_Cmpt   | 561710 | male   |
| C10       | Engine_Cmpt     | 562581 | male   | C30        | 3rd_Lugg_Cmpt   | 561709 | female |
| C10       | Engine_Cmpt     | 562583 | female | C31W       | Lugg_Cmpt       | 563227 | male   |
| C12       | Engine_Cmpt     | 562581 | male   | C31W       | Lugg_Cmpt       | 563614 | female |
| C12       | Engine_Cmpt     | 562583 | female | C32        | Lavatory        | 561734 | male   |
| C14       | FJB             | 563580 | male   | C32        | Lavtory         | 561735 | female |
| C14       | FJB             | 563581 | female | C32W       | Lugg_Cmpt       | 561734 | male   |
| C15A      | Evaporatotcmpt. | 568109 | female | C32W       | Lugg_Cmpt       | 561735 | female |
| C15A      | Evapotatorcmpt. | 568110 | male   | C33        | WCLcmpt.        | 564034 | male   |
| C16       | RJB             | 561577 | male   | C33        | WCLcmpt.        | 564035 | female |

# CONNECTORS LIST

| No         | Location             | Part # | Gender | No         | Location         | Part # | Gender |
|------------|----------------------|--------|--------|------------|------------------|--------|--------|
| C34        | Dash                 | 561986 | male   | C59        | RJB              | 561642 | female |
| C34        | Dash                 | 561987 | female | C63        | Entrance_Door    | 562581 | male   |
| C35        | Dash                 | 561986 | male   | C63        | Entrance_Door    | 562583 | female |
| C35        | Dash                 | 561987 | female | C64        | Enginecmpt.      | 568110 | male   |
| C36        | FJB                  | 561986 | male   | C64        | Enginecmpt.      | 568109 | female |
| C36        | FJB                  | 561987 | female | C66_plug   | Evap_Cmpt        | 561577 | male   |
| C37        | P_Rack               | 561986 | male   | C66_socket | Evap_Cmpt        | 561605 | female |
| C37        | P_Rack               | 561987 | female | C71        | FJB              | 561646 | male   |
| C38        | P_Rack               | 561986 | male   | C87        | Engine_Cmpt      | 562485 | male   |
| C38        | P_Rack               | 561987 | female | C87        | Engine_Cmpt      | 562486 | female |
| C38A       | P_Rack               | 561515 | male   | C88        | WCL_Cmpt.        | 563226 | male   |
| C38A       | P_Rack               | 561552 | female | C88        | WCL_Cmpt.        | 563613 | female |
| C39        | Parcelrack           | 562503 | male   | C90        | RJB              | 563582 | male   |
| C39        | Parcelrack           | 562507 | female | C90        | RJB              | 563583 | female |
| C39A       | Firesuppressioncmpt. | 561782 | male   | C91        | RJB              | 562285 | male   |
| C39A       | Firesuppressioncmpt. | 561781 | female | C91        | RJB              | 562282 | female |
| C40W       | P_Rack               | 561515 | male   | C94        | FJB              | 563589 | male   |
| C40W       | P_Rack               | 561552 | female | C99        | Enginecmpt.      | 562581 | male   |
| C41        | RJB                  | 561782 | male   | C99        | Enginecmpt.      | 562583 | female |
| C41        | RJB                  | 561781 | female | C100       | Evaporatorcmpt.  | 562477 | male   |
| C42        | Front                | 562285 | male   | C100       | Evaporatorcmpt.  | 562479 | female |
| C42        | Front                | 562282 | female | C100S      | Evaporator_Cmpt. | 562477 | male   |
| C43        | Front                | 562581 | male   | C100S      | Evaporator_Cmpt. | 562479 | female |
| C43        | Front                | 562583 | female | C107A      | Enginecmpt.      | 562885 | female |
| C44_plug   | FJB                  | 561577 | male   | C107A      | Enginecmpt.      | 562884 | female |
| C44_socket | FJB                  | 561605 | female | C107B      | Enginecmpt.      | 562885 | female |
| C45        | Front                | 561646 | male   | C107B      | Enginecmpt.      | 562884 | female |
| C45        | Front                | 561645 | female | C107C      | Enginecmpt.      | 562885 | female |
| C46        | 3rdlugg.cmpt.        | 562549 | male   | C107C      | Enginecmpt.      | 562884 | female |
| C46        | 3rdlugg.cmpt.        | 562550 | female | C110       | Dash             | 568110 | male   |
| C47        | FJB                  | 565207 | male   | C110       | Dash             | 568109 | female |
| C48        | RJB                  | 565208 | male   | C119A      | Rear_engine_door | 568110 | male   |
| C49        | FJB                  | 562005 | male   | C119A      | Rear_engine_door | 568109 | female |
| C49        | FJB                  | 561714 | female | C129       | Dashboard        | 562464 | male   |
| C54        | Engine_Cmpt.         | 563226 | male   | C129       | Dashboard        | 565871 | female |
| C54        | Engine_Cmpt.         | 563613 | female | C131A      | Engine_Cmpt      | 561782 | male   |
| C54A       | Ureacmpt.            | 568110 | male   | C131A      | Engine_Cmpt      | 561781 | female |
| C54A       | Ureacmpt.            | 568109 | female | C131B      | Engine_Cmpt      | 561782 | male   |
| C54B       | Engine_Cmpt.         | 562477 | male   | C131B      | Engine_Cmpt      | 561781 | female |
| C54B       | Engine_Cmpt.         | 562479 | female | C150       | Modesty_LH       | 562957 | male   |
| C55        | Evap_Cmpt            | 561577 | male   | C150       | Modesty_LH       | 564406 | female |
| C55        | Evap_Cmpt            | 561605 | female | C152       | Cond_Cmpt        | 561611 | male   |
| C59        | RJB                  | 561643 | male   | C152       | Cond_Cmpt        | 561610 | female |

# CONNECTORS LIST

| No          | Location       | Part # | Gender | No             | Location       | Part # | Gender |
|-------------|----------------|--------|--------|----------------|----------------|--------|--------|
| C173        | Modesty_LH     | 563040 | female | C769           | Parcel_Rack    | 901062 | male   |
| C193_plug   | RJB            | 563589 | male   | C769           | Parcel_Rack    | 901283 | female |
| C193_socket | RJB            | 563590 | female | C777           | Dashboard      | 562581 | male   |
| C194        | FJB            | 563589 | male   | C777           | Dashboard      | 562583 | female |
| C194        | FJB            | 563590 | female | C_A69R         | Parcel_Rack    | 563025 | male   |
| C222        | FJB            | 562477 | male   | C_Audio_HDMI_L | Parcel_Rack    | 901062 | male   |
| C222        | FJB            | 562479 | female | C_Audio_HDMI_L | Parcel_Rack    | 901283 | female |
| C279        | Service_Cmpt   | 562479 | female | C_Audio_HDMI_R | Parcel_Rack    | 901062 | male   |
| C355        | RJB            | 563582 | male   | C_Audio_HDMI_R | Parcel_Rack    | 901283 | female |
| C355        | RJB            | 565887 | female | C_AUX          | Parcelrack     | 563071 | male   |
| C380A       | Dash           | 564222 | male   | C_AUX          | Parcelrack     | 563040 | female |
| C380A       | Dash           | 564224 | female | C_LineOut      | Parcelrack     | 563962 | male   |
| C381        | Parcel_Rack    | 561847 | male   | C_LineOut      | Parcelrack     | 564489 | female |
| C382        | Under_Seat     | 561580 | male   | C_Mo9          | Evap_Cmpt      | 561577 | male   |
| C382        | Under_Seat     | 561582 | female | C_Mo9          | Evap_Cmpt      | 561605 | female |
| C397        | RJB            | 562285 | male   | CCAN1          | FJB            | 562650 | male   |
| C397        | RJB            | 562282 | female | CCAN1          | FJB            | 562649 | female |
| C463        | Rearaxlecmpt.  | 568111 | male   | CCAN2          | FJB            | 562650 | male   |
| C463        | Rearaxlecmpt.  | 568112 | female | CCAN2          | FJB            | 562649 | female |
| C464        | FJB            | 564222 | male   | CCAN3          | FJB            | 562650 | male   |
| C464        | FJB            | 564224 | female | CCAN3          | FJB            | 562649 | female |
| C464A       | Dash           | 564222 | male   | CCAN4          | FJB            | 562650 | male   |
| C464A       | Dash           | 564224 | female | CCAN4          | FJB            | 562649 | female |
| C464B       | FJB            | 564222 | male   | CCust          | RJB            | 562477 | male   |
| C464B       | FJB            | 564224 | female | CCust          | RJB            | 562479 | female |
| C465        | Parcelrack     | 562581 | male   | CFHPR1         | Parcelrack     | 564560 | male   |
| C465        | Parcelrack     | 562583 | female | CP1            | Passenger_Area | 561782 | male   |
| C542        | Parcelrack     | 561550 | male   | CP1            | Passenger_Area | 561781 | female |
| C542        | Parcelrack     | 561667 | female | CP2            | Passenger_Area | 561782 | male   |
| C543        | LH_Parcel_Rack | 561607 | male   | CP2            | Passenger_Area | 561781 | female |
| C543        | LH_Parcel_Rack | 561606 | female | CP3            | Passengersarea | 561782 | male   |
| C564        | Parcelrack     | 562503 | male   | CP3            | Passengersarea | 561781 | female |
| C564        | Parcelrack     | 562507 | female | CP4            | Passenger_Area | 561782 | male   |
| C566        | Parcelrack     | 562503 | male   | CP4            | Passenger_Area | 561781 | female |
| C566        | Parcelrack     | 562507 | female | CP5            | Passenger_Area | 561782 | male   |
| C567        | Parcelrack     | 562503 | male   | CP5            | Passenger_Area | 561781 | female |
| C567        | Parcelrack     | 562507 | female | CSX1           | Engine_Cmpt    | 563135 | male   |
| C614        | Passenger_Area | 563071 | male   | CSX1           | Engine_Cmpt    | 563134 | female |
| C614        | Passenger_Area | 563040 | female | CSX3           | Engine_Cmpt    | 563135 | male   |
| C615        | Passenger_Area | 563071 | male   | CSX3           | Engine_Cmpt    | 563134 | female |
| C615        | Passenger_Area | 563040 | female | CT_IN          | Rear_Vehicle   | 560167 | male   |
| C768        | Parcel_Rack    | 901062 | male   | CT_IN          | Rear_Vehicle   | 560159 | female |
| C768        | Parcel_Rack    | 901283 | female | CT_Out         | Rear_Vehicle   | 560233 | female |

# CONNECTORS LIST

| No    | Location          | Part # | Gender | No     | Location         | Part # | Gender |
|-------|-------------------|--------|--------|--------|------------------|--------|--------|
| EI    | Enginecmpt.       | 563739 | male   | L72    | Rear_Vehicle     | 562155 | male   |
| L1A   | Enginecmpt.       | 560774 | male   | L74    | Rear_Vehicle     | 562155 | male   |
| L16.A | Frontroof         | 562615 | female | L75    | Rearenginedoor   | 562155 | male   |
| L16.B | Frontroof         | 562615 | female | L76    | Rear_engine_door | 562155 | male   |
| L17.A | Frontroof         | 562615 | female | L81.A  | Rear_Vehicle     | 562835 | female |
| L17.B | Frontroof         | 562615 | female | L81.B  | Rear_Vehicle     | 562834 | male   |
| L18   | Entrance_Door     | 563590 | female | L82A   | Rearvehicule     | 562348 | female |
| L21   | Upper_front       | 560605 | female | L83A   | Rearvehicule     | 562348 | female |
| L22   | Upper_front       | 560605 | female | L84    | Rear_roof        | 560605 | female |
| L23   | Upper_front       | 560605 | female | L85    | Rear_roof        | 560605 | female |
| L24   | Upper_front       | 560605 | female | L86    | Rear_roof        | 560605 | female |
| L25   | Upper_front       | 560605 | female | L87    | Rear_roof        | 560605 | female |
| L26   | Upper_front       | 560605 | female | L88    | Rear_roof        | 560605 | female |
| L27   | Upper_front       | 560605 | female | L89    | Rear_roof        | 560605 | female |
| L52   | Parcelrack        | 560898 | male   | L90    | Rear_roof        | 560605 | female |
| L52   | Parcelrack        | 560900 | female | L93.B  | Engine_Cmpt.     | 563069 | female |
| L52A  | Parcelrack        | 560898 | male   | L94.B  | Engine_Cmpt.     | 563069 | female |
| L53   | Parcelrack        | 560898 | male   | L95    | Outside_Front_LH | 562485 | male   |
| L53   | Parcelrack        | 560900 | female | L95A   | Outside_Front_LH | 562485 | male   |
| L53A  | Parcelrack        | 560898 | male   | L96    | Outside_Front_RH | 562485 | male   |
| L54   | Parcelrack        | 560898 | male   | L96A   | Outside_Front_RH | 562485 | male   |
| L54   | Parcelrack        | 560900 | female | L140   | Lavatory         | 561247 | male   |
| L54A  | Parcelrack        | 560898 | male   | L142   | Lavatory         | 562006 | female |
| L55   | Parcelrack        | 560898 | male   | L172RH | Modesty_RH       | 564719 | male   |
| L55   | Parcelrack        | 560900 | female | L173   | Parcelrack       | 563590 | female |
| L55A  | Parcelrack        | 560898 | male   | L174A  | Parcelrack       | 563590 | female |
| L56   | Parcelrack        | 560898 | male   | L175   | Engine_Cmpt.     | 563590 | female |
| L56   | Parcelrack        | 560900 | female | L176   | 5th_Lugg_Cmpt    | 561247 | male   |
| L56A  | Parcelrack        | 560898 | male   | L177   | 5th_Lugg_Cmpt    | 561247 | male   |
| L57   | Parcelrack        | 560898 | male   | L178   | 3rd_Lugg_Cmpt    | 561247 | male   |
| L57   | Parcelrack        | 560900 | female | L179   | 3rd_Lugg_Cmpt    | 561247 | male   |
| L57A  | Parcelrack        | 560898 | male   | L180   | 2nd_Lugg_Cmpt    | 561247 | male   |
| L58   | Parcelrack        | 560898 | male   | L181   | 2nd_Lugg_Cmpt    | 561247 | male   |
| L58   | Parcelrack        | 560900 | female | L182   | 1st_Lugg_Cmpt    | 561247 | male   |
| L58A  | Parcelrack        | 560898 | male   | L183   | 1st_Lugg_Cmpt    | 561247 | male   |
| L63   | Front_Side_LH     | 562155 | male   | L184   | Servicecmpt.     | 561247 | male   |
| L64   | Outside_Front_RH  | 562155 | male   | L185.A | Servicecmpt.     | 561539 | male   |
| L65   | Outside_Front_LH  | 562155 | male   | L185.B | Servicecmpt.     | 561539 | male   |
| L66   | Out_Side_Front_LH | 562155 | male   | L186.A | Dash             | 561539 | male   |
| L67   | 4th_Lugg_Cmpt     | 562155 | male   | L186.B | Dash             | 561539 | male   |
| L68   | 4th_Lugg_Cmpt     | 562155 | male   | L187   | Engine_Cmpt      | 561690 | male   |
| L69   | 4th_Lugg_Cmpt     | 562155 | male   | L188   | Service_Cmpt     | 562486 | female |
| L70   | 4th_Lugg_Cmpt     | 562155 | male   | L199   | Enginecmpt.      | 562848 | male   |

# CONNECTORS LIST

| No             | Location           | Part # | Gender | No       | Location        | Part # | Gender |
|----------------|--------------------|--------|--------|----------|-----------------|--------|--------|
| L204           | Parcel_Rack_RH     | 562803 | male   | R3       | RJB             | 563409 | male   |
| L205           | Enginecmpt.        | 562485 | male   | R4       | FJB             | 564496 | male   |
| L206           | Parcel_Rack_RH     | 562803 | male   | R12      | Evap_Cmpt       | 563409 | male   |
| L282           | Engine_Cmpt        | 561690 | male   | R16      | RJB             | 564496 | male   |
| L285.A         | Rear_Vehicle       | 562835 | female | R20      | RJB             | 564496 | male   |
| L285.B         | Rear_Vehicle       | 562834 | male   | R26      | Evap_Cmpt       | 564496 | male   |
| L286.A         | Rear_Vehicle       | 562835 | female | R29      | RJB             | 563409 | male   |
| L286.B         | Rear_Vehicle       | 562834 | male   | R30      | FJB             | 564496 | male   |
| L290           | Engine_door        | 562565 | female | R31      | FJB             | 564496 | male   |
| L291           | Engine_door        | 562565 | female | R34      | RJB             | 564210 | male   |
| L298A          | Enginecmpt.        | 563590 | female | R36      | Dash            | 564496 | male   |
| L306           | RJBcmpt.           | 561247 | male   | R37      | Dash            | 564496 | male   |
| L319           | Under_WCL_platform | 561247 | male   | R38      | FJB             | 564496 | male   |
| L350A.A        | Rearaxlecmpt.      | 564552 | male   | R40      | RJB             | 564496 | male   |
| L350A.B        | Rearaxlecmpt.      | 563340 | male   | R47      | Parcelrack      | 564496 | male   |
| Mic_Driver_1.A | Parcel_rack        | 560999 | male   | R_12VISS | Parcel_rack     | 564496 | male   |
| Mic_Driver_2.A | Parcel_rack        | 560999 | male   | Res3.A   | RJB             | 563590 | female |
| Mic_Guide_1.A  | Parcel_rack        | 560999 | male   | Res4     | FJB             | 563590 | female |
| Mic_Guide_3.A  | Parcel_rack        | 560999 | male   | Res6     | FJB             | 563590 | female |
| Mo12           | Engine_Cmpt        | 561690 | male   | Res6A    | FJB             | 563589 | male   |
| Mo13           | Engine_Cmpt        | 561690 | female | Res6A    | FJB             | 563590 | female |
| Mo14           | Engine_Cmpt        | 561566 | female | Res6B    | FJB             | 563589 | male   |
| Mo15           | Front_Ceiling      | 563517 | female | Res6B    | FJB             | 563590 | female |
| Mo16           | Front_Ceiling      | 563517 | female | Res15    | Engine_Cmpt     | 561782 | male   |
| Mo17           | RH_Console         | 562350 | male   | Res7     | Engine_Cmpt     | 563590 | female |
| Mo65           | Enginecmpt.        | 568089 | male   | Res31    | Ureacmpt.       | 562350 | male   |
| Mo67           | Enginecmpt.        | 568089 | male   | Res32    | Ureacmpt.       | 563764 | female |
| Mo68           | Enginecmpt.        | 568089 | male   | Se13     | Engine_Cmpt     | 562350 | male   |
| Mo69           | Enginecmpt.        | 568089 | male   | Se14.A   | Driver_Area     | 561782 | male   |
| Mo70           | Enginecmpt.        | 568089 | male   | Se14.B   | Driver_Area     | 561781 | female |
| Mo71           | Enginecmpt.        | 568089 | male   | Se18     | Servicecmpt.    | 561566 | female |
| Mo72           | Enginecmpt.        | 568089 | male   | Se19_P   | Service_Cmpt    | 563677 | male   |
| Mo73           | Enginecmpt.        | 568089 | male   | Se19_S   | Service_Cmpt    | 563677 | male   |
| PC1            | FJB                | 562650 | male   | Se23     | Engine_Cmpt     | 563159 | male   |
| PC1            | FJB                | 562649 | female | Se24     | Evap_Cmpt       | 563758 | female |
| PF             | FJB                | 561782 | male   | Se25     | Passenger_Area  | 561248 | female |
| PF             | FJB                | 561781 | female | Se28     | Pneumatic_plate | 561690 | male   |
| PF1            | Passenger_Area     | 561782 | male   | Se29     | Engine_Cmpt     | 561566 | female |
| PF1            | Passenger_Area     | 561781 | female | Se30     | Enginedoor      | 562877 | female |
| PR             | Parcelrack         | 561782 | male   | Se31     | Enginedoor      | 562877 | female |
| PR             | Parcelrack         | 561781 | female | Se32     | Rear_Axle_Cmpt  | 562426 | male   |
| PR1            | Passenger_Area     | 561782 | male   | Se33     | Rear_Axle_Cmpt  | 562856 | male   |
| PR1            | Passenger_Area     | 561781 | female | Se35     | Rear_Axle_Cmpt  | 562426 | male   |

# CONNECTORS LIST

| No      | Location        | Part # | Gender | No      | Location         | Part # | Gender |
|---------|-----------------|--------|--------|---------|------------------|--------|--------|
| Se36    | Rear_Axle_Cmpt  | 562427 | male   | spBar13 | Enginecmpt.      | 564135 | male   |
| Se37    | Front_Axle_LH   | 641132 | female | spBar14 | Enginecmpt.      | 564135 | male   |
| Se38    | Front_Axle_RH   | 641132 | female | spBar15 | Enginecmpt.      | 564135 | male   |
| Se39    | Rear_Axle_LH    | 641132 | female | spBar16 | Enginecmpt.      | 564135 | male   |
| Se40    | Rear_Axle_LH    | 641132 | female | spBar19 | Condensorcmt.    | 564135 | male   |
| Se41    | Condensor_cmpt. | 562877 | female | spBar20 | Condensorcmt.    | 564135 | male   |
| Se46    | Rearaxlecmpt.   | 562348 | female | spBar21 | Condensorcmt.    | 564135 | male   |
| Se63    | Rearaxlecmpt.   | 641132 | female | spBar22 | Enginecmpt.      | 564135 | male   |
| Se64    | Rearaxlecmpt.   | 641132 | female | spBar23 | Enginecmpt.      | 564135 | male   |
| Se65    | Dash            | 564042 | female | spBar24 | Enginecmpt.      | 564135 | male   |
| Se66    | FJB             | 564039 | female | SpkDr_L | Parcel_Rack_LH   | 563994 | male   |
| Se67    | Frontaxlecmpt.  | 563159 | female | SpkDr_R | Parcel_Rack_RH   | 563994 | male   |
| Se69    | Frontaxlecmpt.  | 563159 | female | Sub1.A  | Passenger_Area   | 564004 | female |
| Se74    | Rear_Axle_Cmpt  | 563340 | male   | Sub2.A  | Passenger_Area   | 564004 | female |
| Se79    | Front_Axle      | 563340 | male   | Sw10A   | Dash             | 563498 | male   |
| Se100   | WCLdoor         | 562479 | female | Sw12    | Dash             | 563498 | female |
| So7     | Service_Cmpt    | 561690 | male   | Sw14    | Dash             | 563498 | male   |
| So8     | Servicecmpt.    | 641385 | male   | Sw16    | Dash             | 563498 | male   |
| So9     | Enginecmpt.     | 560016 | female | Sw17    | Dash             | 563498 | male   |
| So10    | Cond_Cmpt       | 562485 | male   | Sw18A   | Dash             | 563498 | male   |
| So11    | Cond_Cmpt       | 561566 | female | Sw20    | Dash             | 563498 | male   |
| So13    | Evap_Cmpt       | 563204 | female | Sw23    | Dash             | 563498 | female |
| So14    | Servicecmpt.    | 641385 | male   | Sw24    | Dash             | 563498 | male   |
| So15    | Servicecmpt.    | 641385 | male   | Sw25    | Dash             | 563498 | male   |
| So16    | Servicecmpt.    | 641385 | male   | Sw26    | Dash             | 563498 | female |
| So17    | Servicecmpt.    | 562848 | male   | Sw27    | Dash             | 563498 | male   |
| So20    | Servicecmpt.    | 641385 | male   | Sw29    | Dash             | 563498 | male   |
| So21    | Front_Axle_Cmpt | 564046 | female | Sw30    | Dash             | 563135 | male   |
| So22    | Front_Axle_Cmpt | 564046 | female | Sw32    | Dash             | 561477 | female |
| So23    | Rear_Axle_Cmpt  | 564046 | female | Sw33    | Dash             | 561476 | male   |
| So24    | Rear_Axle_Cmpt  | 564046 | female | Sw34    | Outside_Front_RH | 562477 | male   |
| So27    | Rearaxlecmpt.   | 564045 | female | Sw37    | Dash             | 563498 | male   |
| So50    | Rearaxlecmpt.   | 564046 | female | Sw38    | Dash             | 563498 | male   |
| So51    | Rearaxlecmpt.   | 641385 | male   | Sw39.A  | RJB              | 562403 | female |
| So52    | Rearaxlecmpt.   | 564045 | female | Sw39.B  | RJB              | 562403 | female |
| So53    | Rearaxlecmpt.   | 641385 | male   | Sw40    | LH_Console       | 561690 | male   |
| So54    | Enginecmpt.     | 564045 | female | Sw41    | LH_Console       | 562749 | male   |
| spBar4  | Enginecmpt.     | 564135 | male   | Sw42    | Lugg_Cmpt        | 561636 | female |
| spBar5  | Enginecmpt.     | 564135 | male   | Sw43    | Lugg_Cmpt        | 563498 | female |
| spBar6  | Enginecmpt.     | 564135 | male   | Sw44.A  | Lugg_Cmpt        | 562485 | male   |
| spBar7  | Enginecmpt.     | 564135 | male   | Sw44.B  | Lugg_Cmpt        | 562486 | female |
| spBar11 | Engine_Cmpt.    | 564135 | male   | Sw45.A  | 5th_Lugg_Cmpt    | 562485 | male   |
| spBar12 | Engine_Cmpt.    | 564135 | male   | Sw45.B  | 5th_Lugg_Cmpt    | 562486 | female |

# CONNECTORS LIST

| No     | Location      | Part # | Gender | No     | Location      | Part # | Gender |
|--------|---------------|--------|--------|--------|---------------|--------|--------|
| Sw46.A | 5th_Lugg_Cmpt | 562485 | male   | VECF11 | FJB           | 563184 | male   |
| Sw46.B | 5th_Lugg_Cmpt | 562486 | female | VECF12 | FJB           | 563187 | male   |
| Sw47.A | 3rd_Lugg_Cmpt | 562485 | male   | VECR1  | RJB           | 563186 | male   |
| Sw47.B | 3rd_Lugg_Cmpt | 562486 | female | VECR2  | RJB           | 563183 | male   |
| Sw48.A | 3rd_Lugg_Cmpt | 562485 | male   | VECR3  | RJB           | 563185 | male   |
| Sw48.B | 3rd_Lugg_Cmpt | 562486 | female | VECR4  | RJB           | 563182 | male   |
| Sw49.A | 2nd_Lugg_Cmpt | 562485 | male   | VECR9  | RJB           | 563448 | male   |
| Sw49.B | 2nd_Lugg_Cmpt | 562486 | female | VECR10 | RJB           | 563181 | male   |
| Sw50.A | 2nd_Lugg_Cmpt | 562485 | male   | VECR11 | RJB           | 563184 | male   |
| Sw50.B | 2nd_Lugg_Cmpt | 562486 | female | VECR12 | RJB           | 563187 | male   |
| Sw51.A | 1st_Lugg_Cmpt | 562485 | male   | VECT3  | Rear_vehicule | 563718 | male   |
| Sw51.B | 1st_Lugg_Cmpt | 562486 | female | VECT4  | Rear_vehicule | 563714 | male   |
| Sw52.A | 1st_Lugg_Cmpt | 562485 | male   | Y80    | Engine_Cmpt   | 563789 | male   |
| Sw52.B | 1st_Lugg_Cmpt | 562486 | female | Y81    | Cond_Cmpt     | 563793 | male   |
| Sw55.A | Lavatory      | 560488 | female |        |               |        |        |
| Sw55.B | Lavatory      | 560488 | female |        |               |        |        |
| Sw56.A | Lavatory      | 560488 | female |        |               |        |        |
| Sw56.B | Lavatory      | 560488 | female |        |               |        |        |
| Sw58   | Engine_Cmpt.  | 563135 | male   |        |               |        |        |
| Sw59   | Enginecmpt.   | 563135 | male   |        |               |        |        |
| Sw64   | RJB           | 563498 | male   |        |               |        |        |
| Sw82   | RJB           | 563135 | male   |        |               |        |        |
| Sw83   | RJB           | 564699 | male   |        |               |        |        |
| Sw85   | LH_Console    | 562749 | male   |        |               |        |        |
| Sw95.A | WCLdoor       | 562615 | female |        |               |        |        |
| Sw95.B | WCLdoor       | 562615 | female |        |               |        |        |
| Sw95.C | WCLdoor       | 562615 | female |        |               |        |        |
| Sw96.A | WCL_Door      | 562615 | female |        |               |        |        |
| Sw96.B | WCL_Door      | 562615 | female |        |               |        |        |
| Sw96.C | WCLdoor       | 562615 | female |        |               |        |        |
| Sw97.A | WCLsystem     | 562615 | female |        |               |        |        |
| Sw97.B | WCLsystem     | 562615 | female |        |               |        |        |
| Sw97.C | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.A | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.B | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.C | WCLsystem     | 562615 | female |        |               |        |        |
| Sw152  | Driver_Area   | 562471 | male   |        |               |        |        |
| VECF1  | FJB           | 563186 | male   |        |               |        |        |
| VECF2  | FJB           | 563183 | male   |        |               |        |        |
| VECF3  | FJB           | 563185 | male   |        |               |        |        |
| VECF4  | FJB           | 563182 | male   |        |               |        |        |
| VECF9  | FJB           | 563448 | male   |        |               |        |        |
| VECF10 | FJB           | 563181 | male   |        |               |        |        |

## DIODES LIST

[illegible]

## RESISTORS LIST

[illegible]

# RELAYS LIST

| No        | Location                | Part # | Function                    | Page |  |  |  |  |  |
|-----------|-------------------------|--------|-----------------------------|------|--|--|--|--|--|
| R1        | RJB                     | 560843 | MasterRelay                 | 3.1  |  |  |  |  |  |
| R3        | RJB                     | 563348 | 12vIgnition&Accessories     | 3.1  |  |  |  |  |  |
| R4        | FJB                     | 563332 | Cutoffwaterpreheater        | 38.1 |  |  |  |  |  |
| R6        | Front_Service_Panel     | 563269 | EntDoorOpenRly              | 29.1 |  |  |  |  |  |
| R7        | Front_Service_Panel     | 563269 | EntDoorCloseRly             | 29.1 |  |  |  |  |  |
| R8        | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R9        | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R10       | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R12       | Evap_cmpt.              | 563348 | Evaporator                  | 18.2 |  |  |  |  |  |
| R16       | RJB                     | 563332 | MaxTempRly                  | 17.1 |  |  |  |  |  |
| R20       | RJB                     | 563332 | WaterPump                   | 17.1 |  |  |  |  |  |
| R21       | FJB                     | 560493 | IgnitionRelay               | 3.2  |  |  |  |  |  |
| R22       | FJB_VECF                | 563269 | Eculgnition                 | 4.1  |  |  |  |  |  |
| R23       | FJB_VECF                | 563269 | Shutdown                    | 4.1  |  |  |  |  |  |
| R24       | FJB_VECF                | 563269 | EculShift                   | 4.1  |  |  |  |  |  |
| R25       | FJB_VECF                | 563269 | 24VIgnition                 | 4.2  |  |  |  |  |  |
| R26       | Evap_Cmpt               | 563332 | Pre-Heat                    | 18.2 |  |  |  |  |  |
| R29       | RJB                     | 563348 | PreheaterVolvo              | 14.1 |  |  |  |  |  |
| R30       | RJB                     | 563269 | 12vEngineRunning            | 4.1  |  |  |  |  |  |
| R31       | RJB                     | 563332 | 12vIgnition                 | 4.1  |  |  |  |  |  |
| R34       | RJB                     | 564218 | 12vRrEngineEcu              | 3.2  |  |  |  |  |  |
| R35       | RJB                     | 564218 | 24VrRVECUPwr                | 3.2  |  |  |  |  |  |
| R36       | RJB                     | 563269 | FireExtinguisher            | 9.1  |  |  |  |  |  |
| R37       | RJB                     | 563269 | Electrichorn                | 9.1  |  |  |  |  |  |
| R38       | RJB                     | 563269 | USB/Outlet                  | 30.2 |  |  |  |  |  |
| R40       | RJB                     | 563332 | TransmissionShift           | 15.2 |  |  |  |  |  |
| R45       | RJB                     | 564774 | RlyChargerConnected         | 40.1 |  |  |  |  |  |
| R47       | WCLPump                 | 563332 | WCLDoorOpenOption           | 36.1 |  |  |  |  |  |
| R52       | RJB_VECT                | 563270 | Clearancelights&sidemarkers | 26.4 |  |  |  |  |  |
| R53       | RJB_VECT                | 563270 | Flashersleftside            | 26.4 |  |  |  |  |  |
| R54       | RJB_VECT                | 563270 | Brakelights                 | 26.4 |  |  |  |  |  |
| R55       | RJB_VECT                | 563270 | Flashersrightside           | 26.4 |  |  |  |  |  |
| R56       | RJB_VECT                | 563270 | Tail&licencelights          | 26.4 |  |  |  |  |  |
| R210      | Parcel_Rack_LH          | 560493 | 24vRelayLatching            | 5.2  |  |  |  |  |  |
| R300      | Parcel_Rack_LH_1st_Cmpt | 563332 | BackUpCam                   | 28.1 |  |  |  |  |  |
| R_12VISS  | Parcel_Rack_LH_1st_Cmpt | 563332 | SoundSystem                 | 35.6 |  |  |  |  |  |
| R_Starter | RJB                     | 564095 | StarterRelayControl         | 3.2  |  |  |  |  |  |
| R23A      | RJB                     | 563332 | 12VIgnition                 | 4.1  |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |

# FUSES LIST

| No  | Location   | Part # | Function           | Rating  | Page   |
|-----|------------|--------|--------------------|---------|--------|
| F4  | FuseBoxFJB | 563280 | TransiShift        | 5amp    | 4.2    |
| F10 | FuseBoxFJB | 563280 | Networks           | Cluster | lights |
| F11 | FuseBoxFJB | 563282 | Horn               | 20amp   | 4.1    |
| F12 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F13 | FuseBoxFJB | 563284 | 12VDCustomer       | 15amp   | 4.1    |
| F14 | FuseBoxFJB | 563135 | Spare              | 30amp   | 4.1    |
| F15 | FuseBoxFJB | 563280 | VLink_Gateway      | 5amp    | 4.1    |
| F16 | FuseBoxFJB | 563284 | 12VEng.run         | 15amp   | 4.1    |
| F17 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F18 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F19 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F20 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.1    |
| F21 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F22 | FuseBoxFJB | 563280 | ELD                | 5amp    | 4.1    |
| F23 | FuseBoxFJB | 563165 | ESP                | 30amp   | 4.1    |
| F24 | FuseBoxFJB | 563284 | 12VIgn             | 15amp   | 4.1    |
| F25 | FuseBoxFJB | 563284 | 12Voutlets         | 15amp   | 4.1    |
| F26 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F27 | FuseBoxFJB | 563165 | Spare              | 30amp   | 4.1    |
| F29 | FuseBoxFJB | 563283 | Networks           | 10amp   | 4.1    |
| F30 | FuseBoxFJB | 563280 | Networks           | 5amp    | 4.1    |
| F33 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F34 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F35 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F36 | FuseBoxFJB | 563280 | Startswitch        | 5amp    | 4.2    |
| F37 | FuseBoxFJB | 563280 | Haz/ExtDoorSw      | 5amp    | 4.2    |
| F39 | FuseBoxFJB | 563284 | 24VD               | 15amp   | 4.2    |
| F40 | FuseBoxFJB | 563284 | Firesuppression    | 15amp   | 4.2    |
| F41 | FuseBoxFJB | 563280 | Spare              | 5amp    | 4.2    |
| F42 | FuseBoxFJB | 563283 | TransmissionIShift | 10amp   | 4.1    |
| F43 | FuseBoxFJB | 563282 | TransmissionIShift | 20amp   | 4.1    |
| F44 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F45 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F46 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F47 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F50 | FuseBoxFJB | 563165 | HVACdefroster      | 30amp   | 4.2    |
| F51 | FuseBoxFJB | 563280 | Destinationsigns   | 5amp    | 4.2    |
| F52 | FuseBoxFJB | 563280 | FMSGW              | 5amp    | 4.2    |
| F53 | FuseBoxFJB | 563283 | Clock&VSS          | 10amp   | 4.2    |
| F54 | FuseBoxFJB | 563283 | ElectronicMirror   | 10amp   | 4.2    |
| F55 | FuseBoxFJB | 563283 | B-UpCam            | 10amp   | 4.2    |
| F56 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.2    |
| F57 | FuseBoxFJB | 563283 | Spare              | 10amp   | 4.2    |

# FUSES LIST

| No   | Location   | Part # | Function              | Rating | Page |
|------|------------|--------|-----------------------|--------|------|
| F58  | FuseBoxFJB | 563284 | Spare                 | 15amp  | 4.2  |
| F73  | FuseBoxRJB | 563283 | EngineECUVolvo        | 20amp  | 5.1  |
| F90  | FuseBoxRJB | 563282 | Ureasystem            | 20amp  | 5.1  |
| F91  | FuseBoxRJB | 563282 | EngineECUVolvo        | 20amp  | 5.1  |
| F95  | FuseBoxFJB | 563280 | FMSGWIGN              | 5amp   | 4.2  |
| F96  | FuseBoxRJB | 563280 | *opt*                 | 5amp   | 5.1  |
| F99  | FuseBoxRJB | 563165 | EngineECUVolvo        | 30amp  | 5.1  |
| F100 | FuseBoxRJB | 563283 | EngineECUVolvo        | 10amp  | 5.1  |
| F101 | FuseBoxRJB | 564520 | PowerforMasterrelay   | 300Amp | 3.1  |
| F105 | FuseBoxRJB | 563282 | Spare                 | 20amp  | 5.1  |
| F106 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F107 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F108 | FuseBoxRJB | 563280 | Networks              | 5amp   | 5.1  |
| F109 | FuseBoxRJB | 563280 | Engine&RJBcmpt.lights | 5amp   | 5.1  |
| F110 | FuseBoxRJB | 563283 | TransmissionAlisson   | 10amp  | 5.1  |
| F112 | FuseBoxRJB | 563165 | Trailer               | 30amp  | 5.1  |
| F113 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F114 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F115 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F116 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F117 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F118 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F119 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F120 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F121 | FuseBoxRJB | 563284 | Powerforcustomer      | 15amp  | 5.1  |
| F122 | FuseBoxRJB | 563283 | Equalizer             | 10amp  | 5.1  |
| F123 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F124 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F126 | FuseBoxRJB | 563280 | EngineECU&HVAC        | 5amp   | 5.1  |
| F127 | FuseBoxRJB | 563284 | Pre-heat              | 15amp  | 5.1  |
| F129 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F130 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F131 | FuseBoxRJB | 563280 | Powerforcustomer      | 5amp   | 5.1  |
| F132 | FuseBoxRJB | 563280 | A57Pwr                | 5amp   | 5.1  |
| F133 | FuseBoxRJB | 563165 | A49Pwr                | 30amp  | 5.1  |
| F134 | FuseBoxRJB | 563165 | A52Pwr                | 30amp  | 5.1  |
| F135 | FuseBoxRJB | 563165 | A54Pwr                | 30amp  | 5.1  |
| F136 | FuseBoxRJB | 563165 | A53Pwr                | 30amp  | 5.1  |
| F137 | FuseBoxRJB | 563280 | Spare                 | 5amp   | 5.1  |
| F138 | FuseBoxRJB | 563280 | Readinglamps&chime    | 5amp   | 5.1  |
| F139 | FuseBoxRJB | 563283 | Alternators           | 10amp  | 5.1  |
| F140 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F141 | FuseBoxRJB | 563284 | CondMo7               | 20amp  | 5.1  |

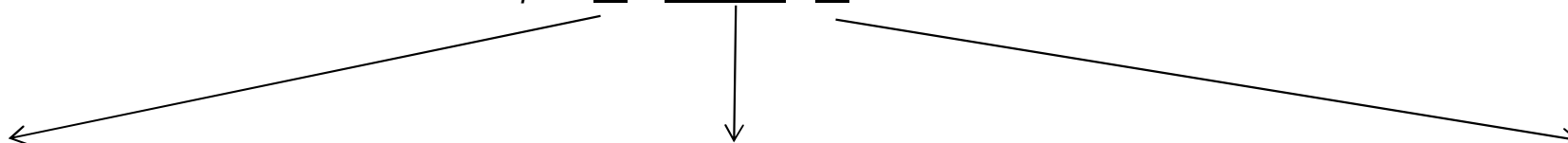
## FUSES LIST

[illegible]

## Wire identification chart

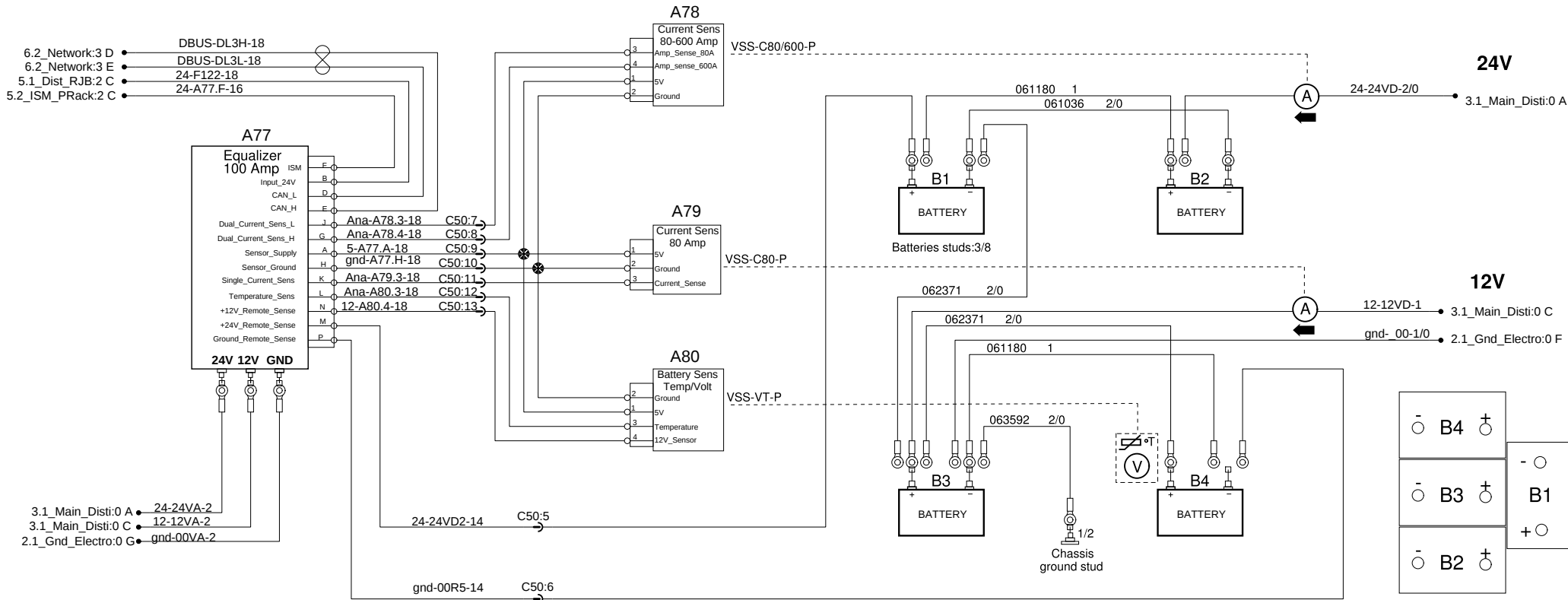
*\*Note that the identification comes from the uphill component.*

*Wire identification exemple: 12 - A47J1.8 - 16*

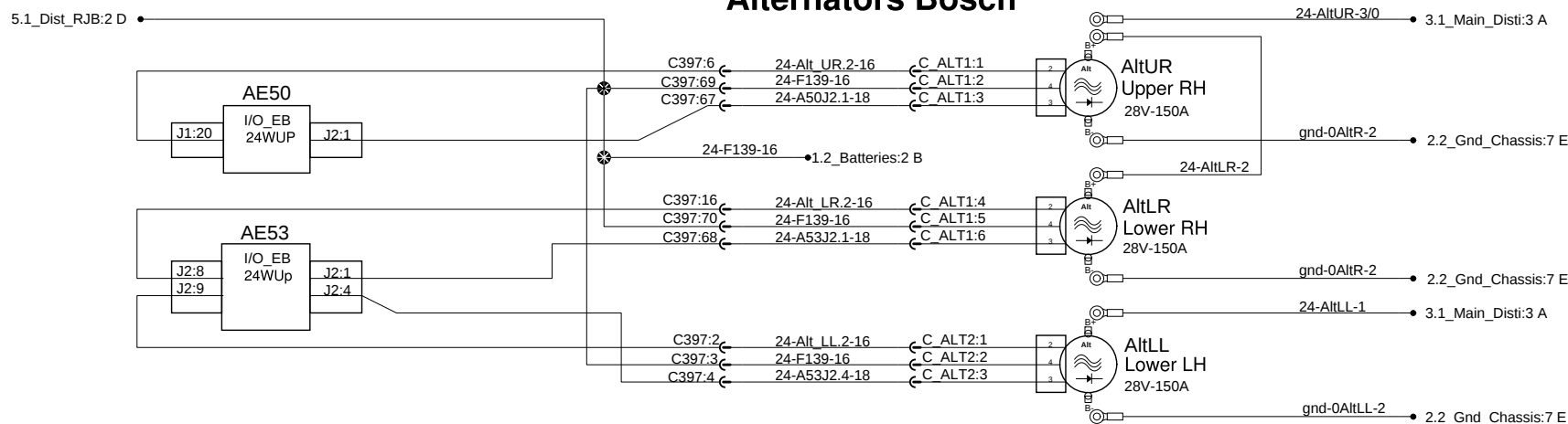


| Voltage  | Circuit number                                                                                                  |                          | Wire size |
|----------|-----------------------------------------------------------------------------------------------------------------|--------------------------|-----------|
| 0        |                                                                                                                 |                          | 0000      |
| 5        | <b>Ground circuits:</b>                                                                                         |                          | 000       |
| 0/12     | Electronic = Use I/O module number followed by an "R" and pin number. (ex: A47RJ1.8, A54RJ2.14)                 |                          | 00        |
| 0/24     | Electronic ground studs = Use number "00" followed with the stud location and sequential number. (ex:00R1,00F4) |                          | 0         |
| 12       | Chassis = Use number "0" followed by the ground stud location and sequential number. (ex: 0EV1, 0FH2)           |                          | 1         |
| 24       |                                                                                                                 |                          | 2         |
| 120      | <b>Power and voltage carrying circuits:</b>                                                                     |                          | 3         |
| ANA      | Power distribution = Use uphill component identification as circuit name. (ex: F96, CB22)                       |                          | 4         |
| BBUS     | Multiplex outputs = Use output module number and pin number as circuit name. (ex: A55J1.4, A49J2.9)             |                          | 6         |
| DATA     | Relays, diodes, resistors and any other component outputs =                                                     |                          | 8         |
| DBUS     | Use component name and pin number as circuit name. (ex: Sw55.A, R30.87, D12.B)                                  |                          | 10        |
| J1587    | <b>Networks:</b>                                                                                                |                          | 12        |
| J1939    | DL0 = Bbus mux                                                                                                  | DL7 = Engine subnet      | 14        |
| J2284    | DL1 = J1939                                                                                                     | DL9 = Power train subnet | 16        |
| LIN      | DL2 = J2284                                                                                                     | 900 / 901 = J1587        | 18        |
| PWM      | DL3 = Dbus mux                                                                                                  |                          | 20        |
| GND      |                                                                                                                 |                          | 22        |
| ...OTHER |                                                                                                                 |                          | 24        |

# Batteries and alternators

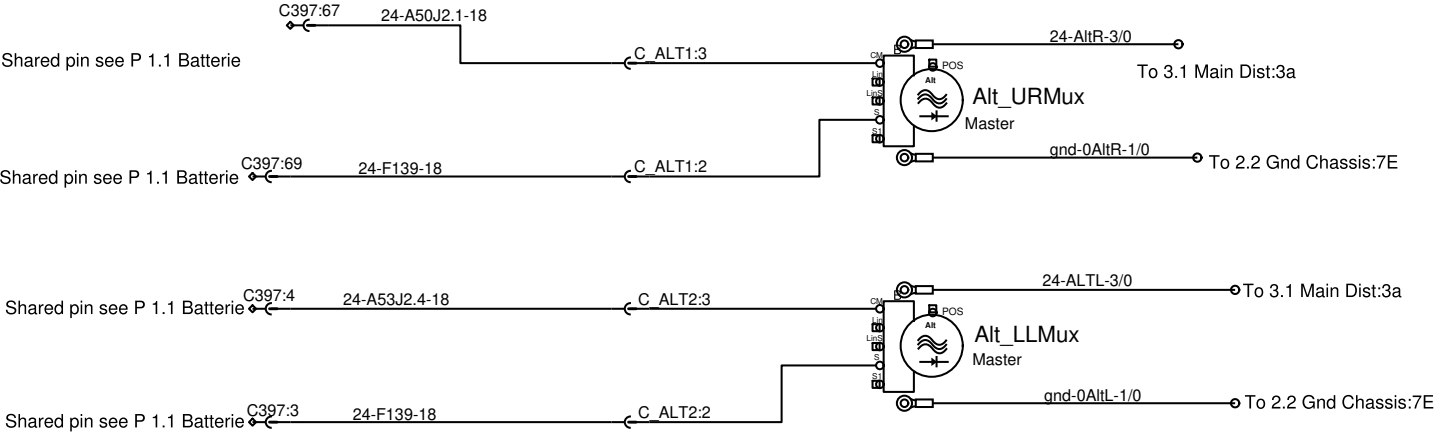


## Alternators Bosch

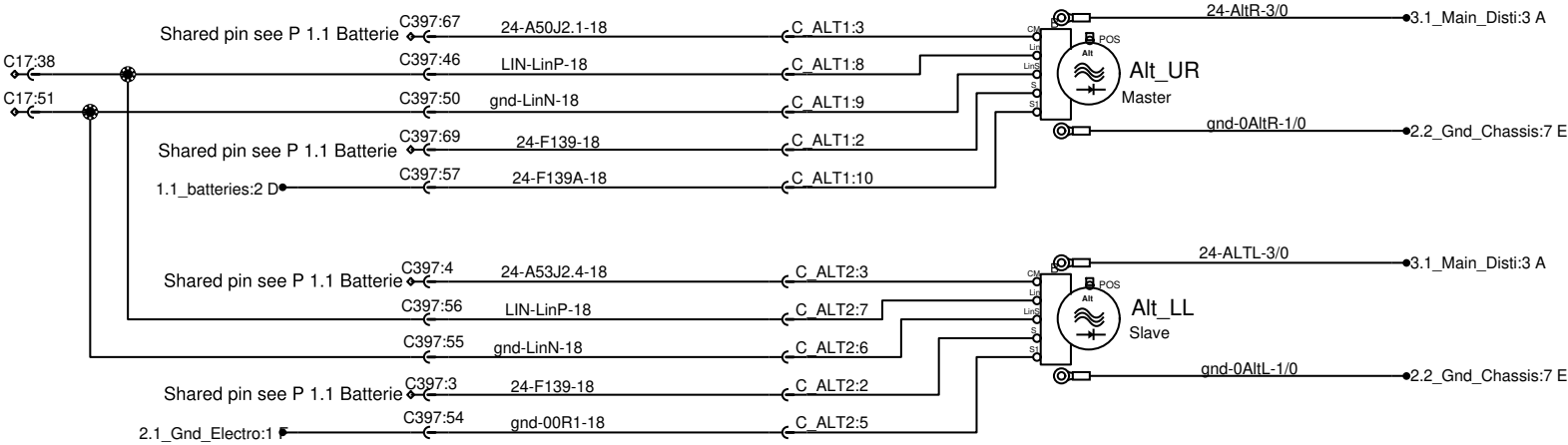


# Alternators Remy

## Mux Controlled

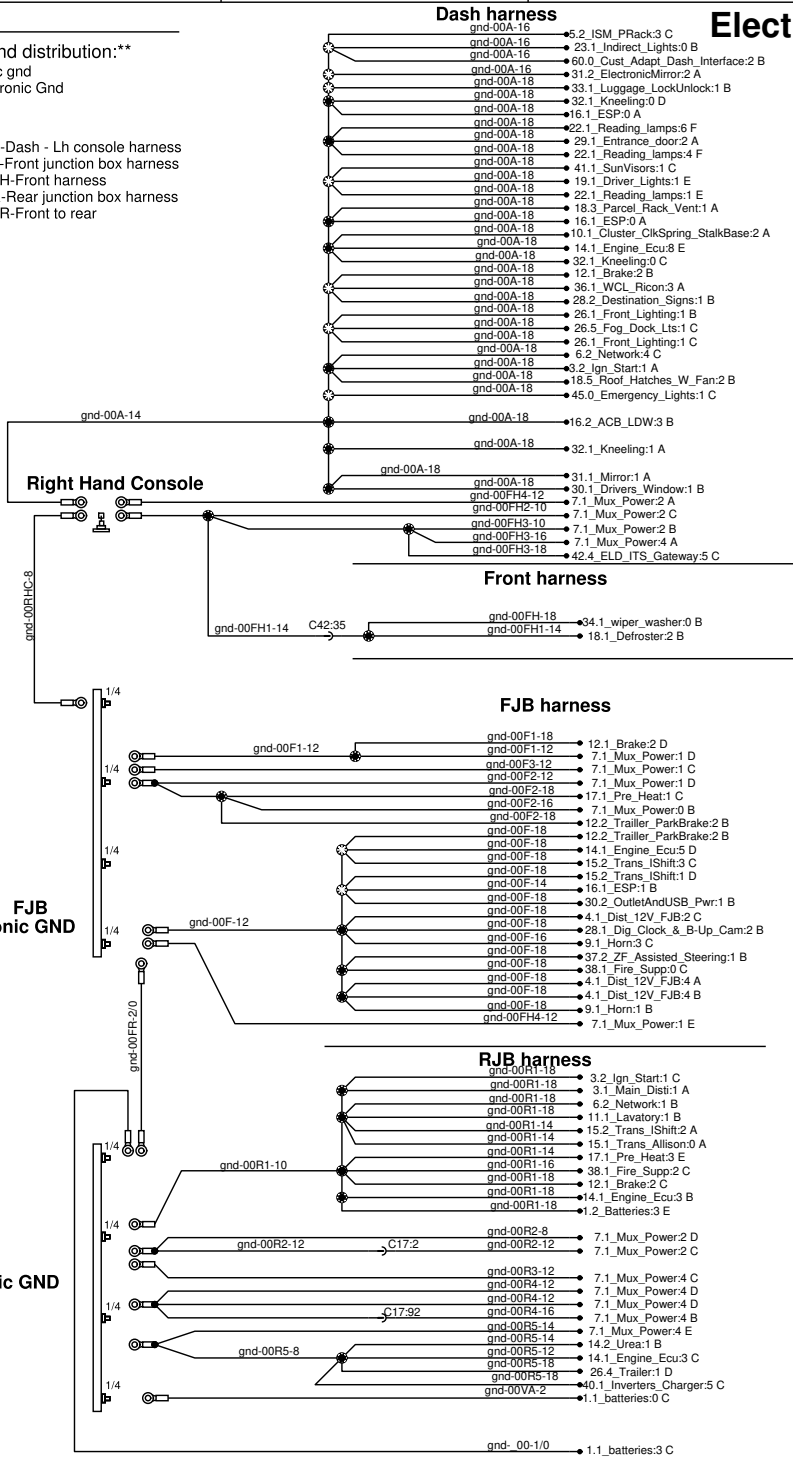


## Lin Controlled

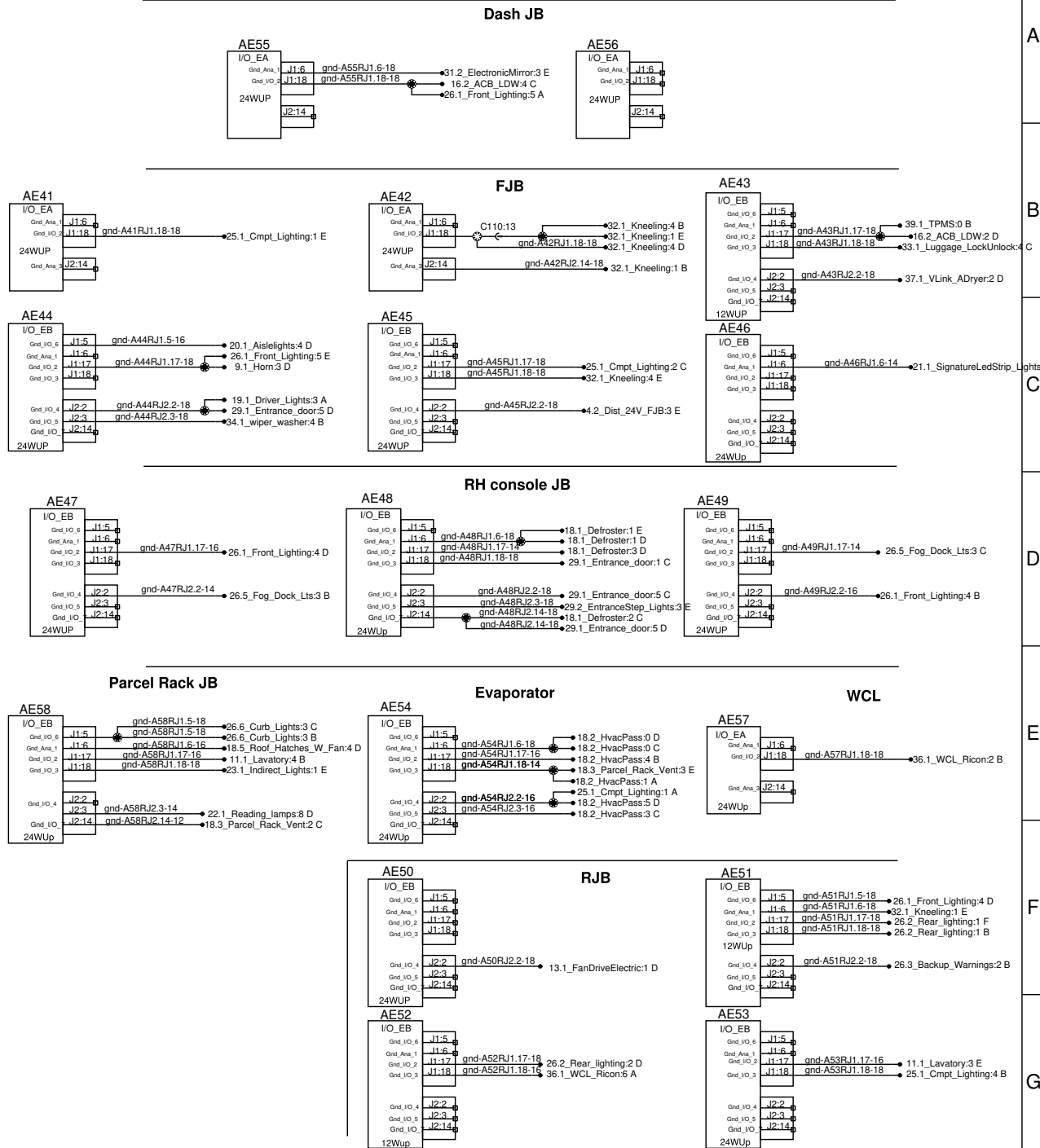


0-Electric gnd  
00- Electronic Gnd

A-Dash - Lh console harness  
F-Front junction box harness  
FH-Front harness  
R-Rear junction box harness  
FR-Front to rear



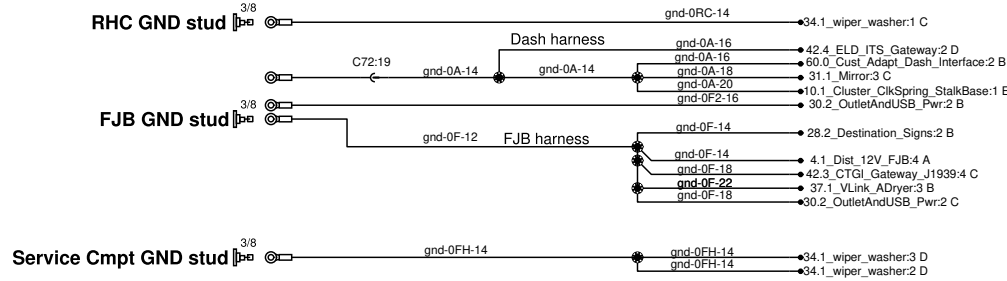
## Electronic ground distribution



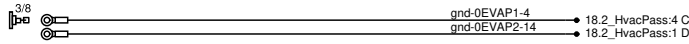
\*\*Ground distribution:\*\*

0-Electric gnd  
00- Electronic Gnd  
A-Dash - Lh console harness  
F-Front junction box harness  
FH-Front harness  
FCH-Front clearance harness  
R-Rear junction box harness  
FR-Front to rear

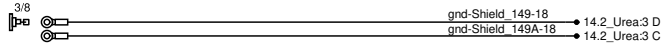
## Chassis ground distribution



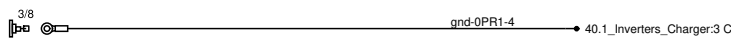
### Evaporator cmpt. stud



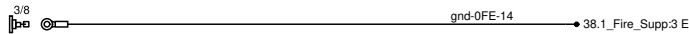
### Urea cmpt. stud



### Inverter Luggage stud



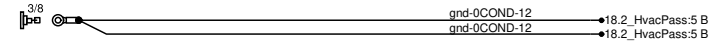
### Upper LH drive axle



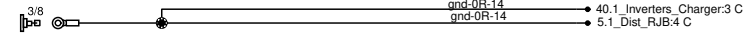
### Battery cmpt. stud



### Condensor cmpt. stud



### RJB stud



### Front radiator stud



### Rear radiator stud



### Rad door stud

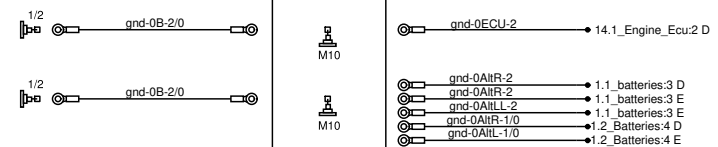


### Trailer stud



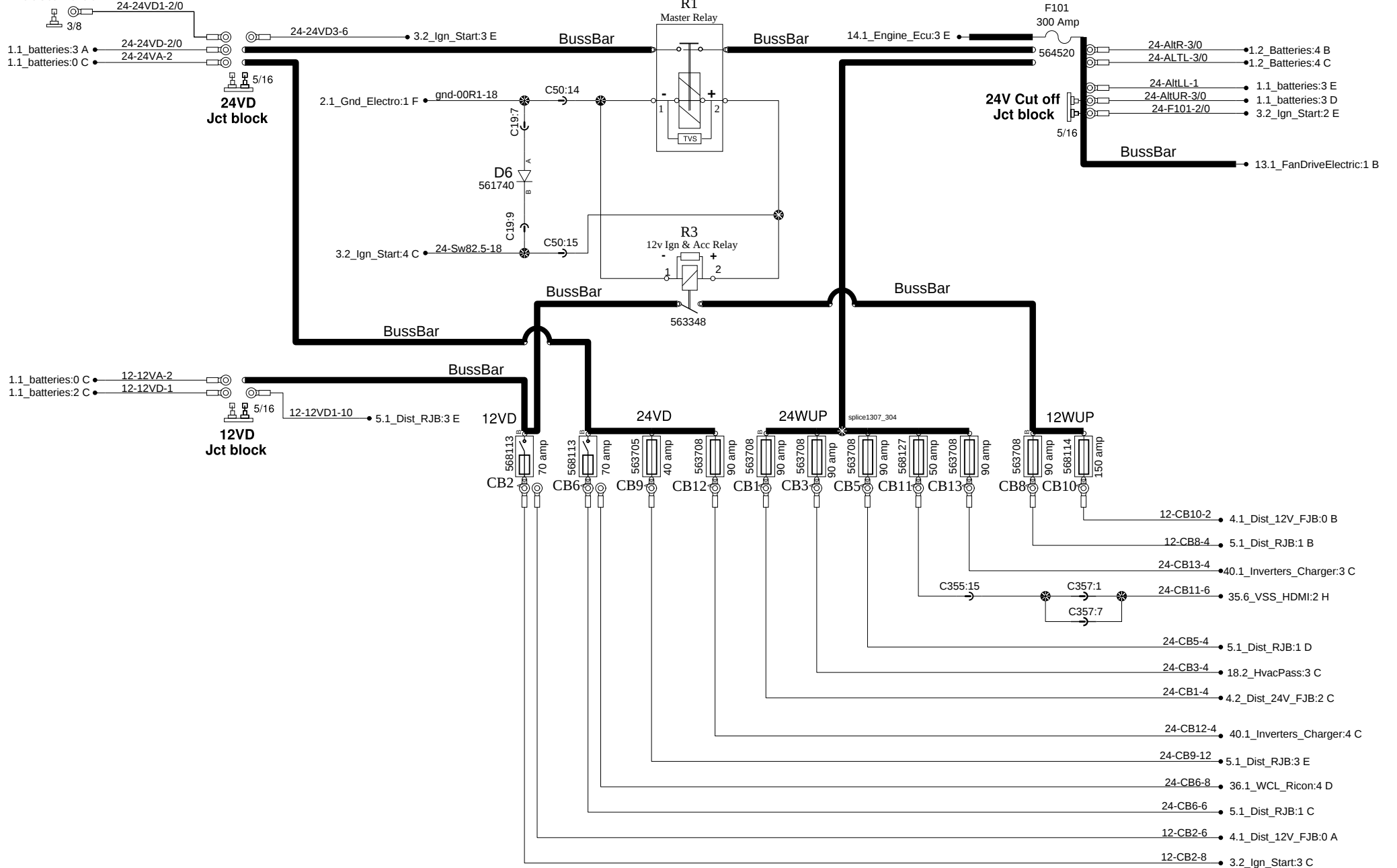
### Engine studs

### Engine cmpt. studs

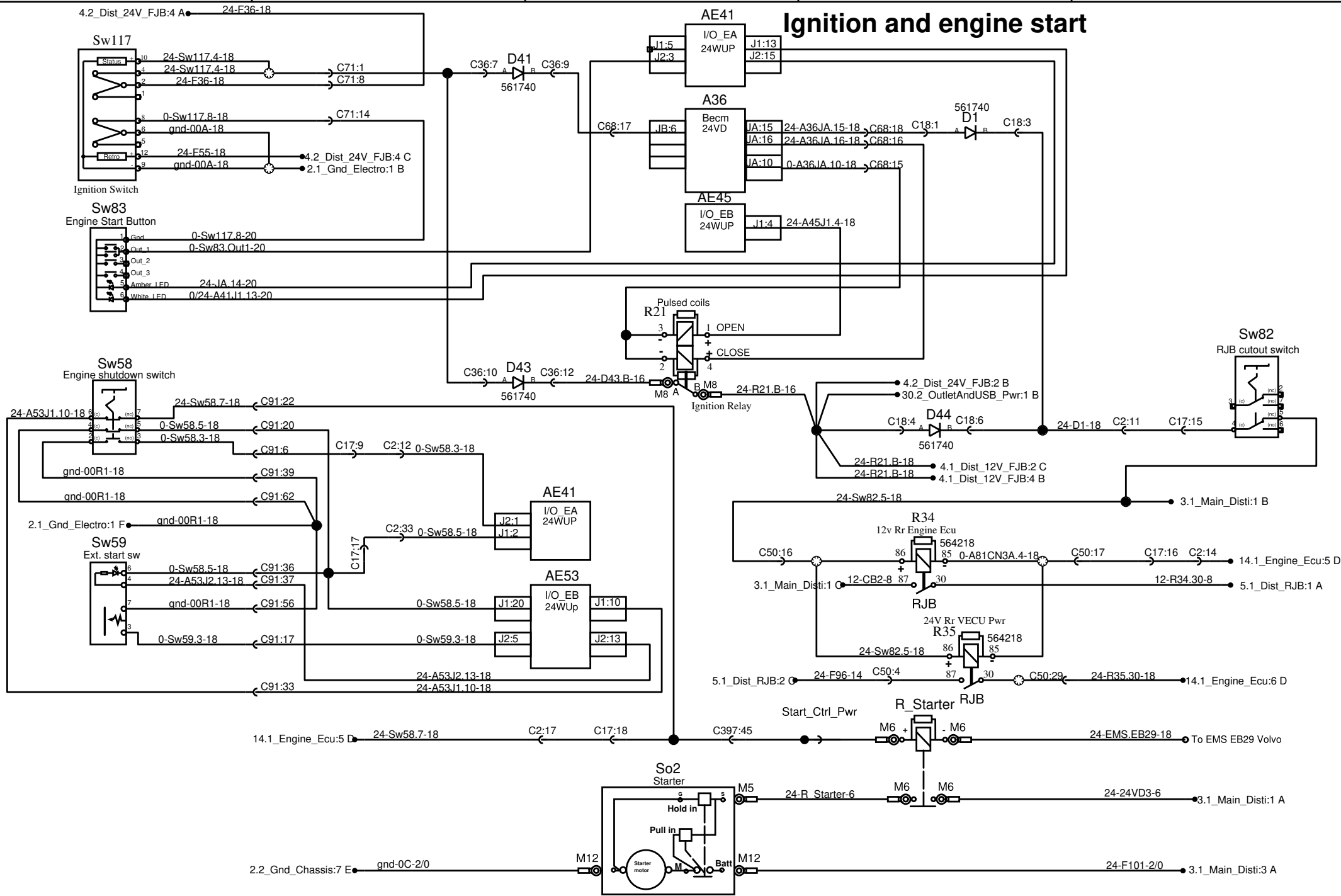


# Main distribution batteries & ignition

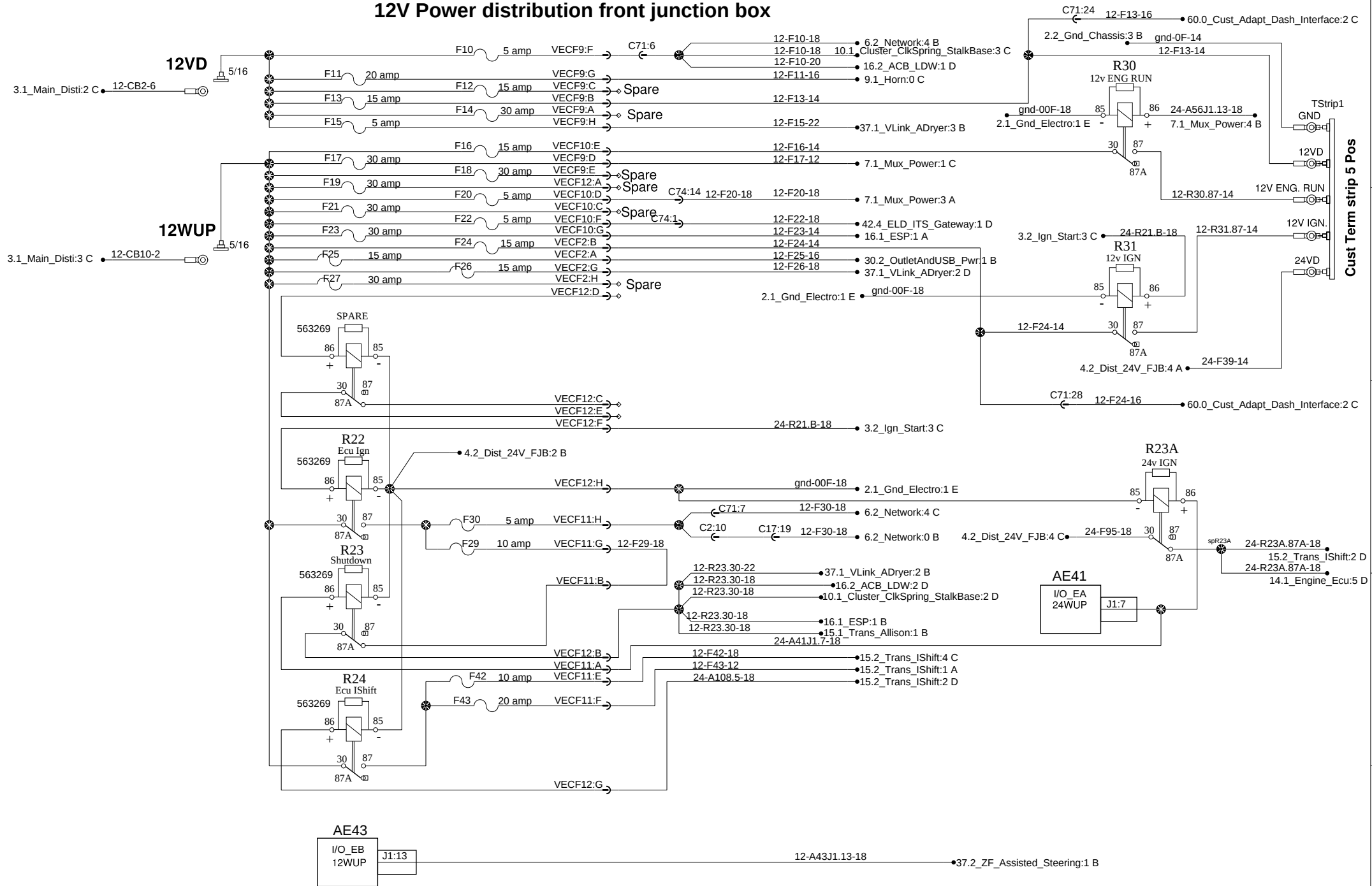
## Booster block



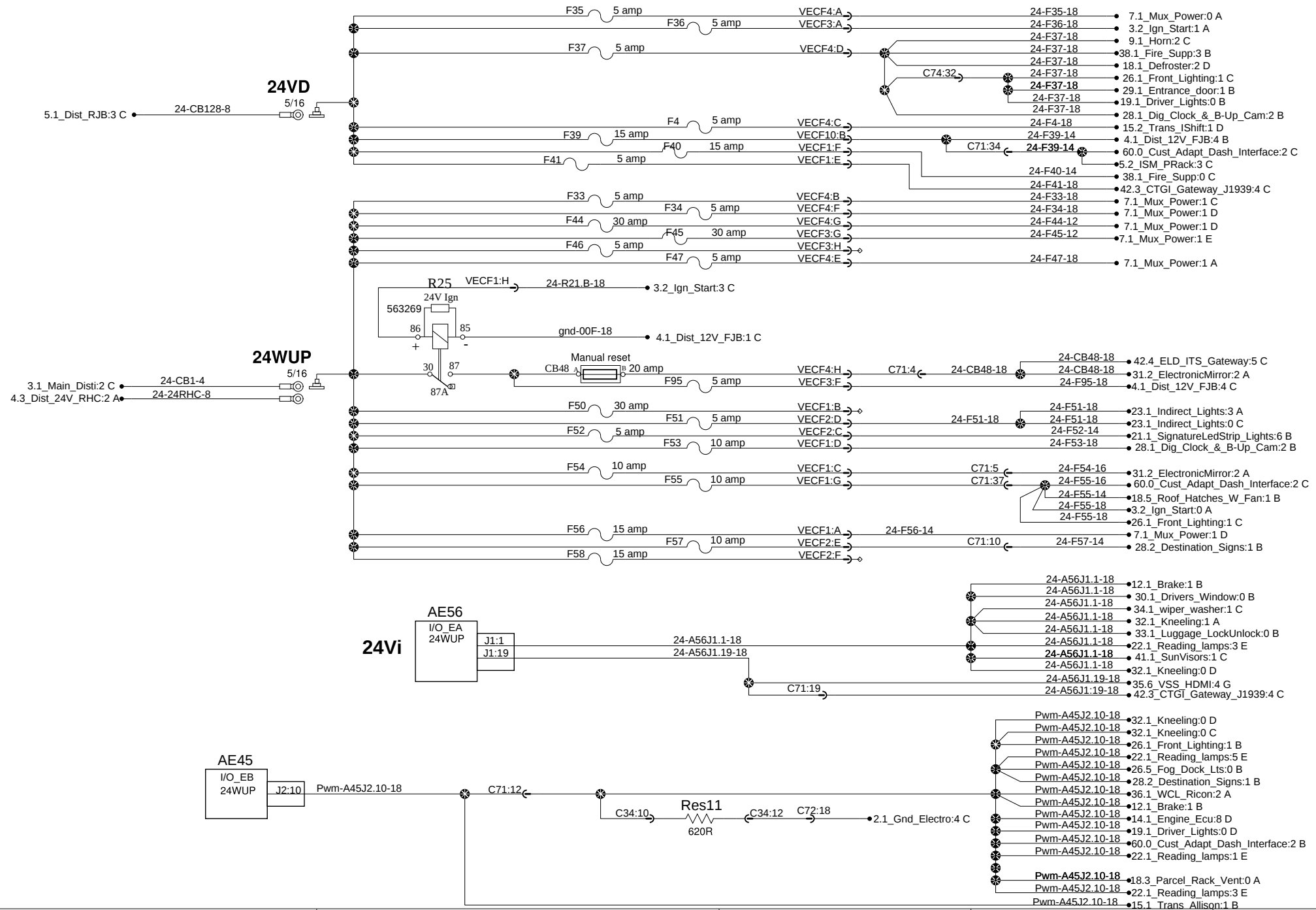
# Ignition and engine start



## 12V Power distribution front junction box



## 24V Power distribution front junction box



A

A

B

B

C

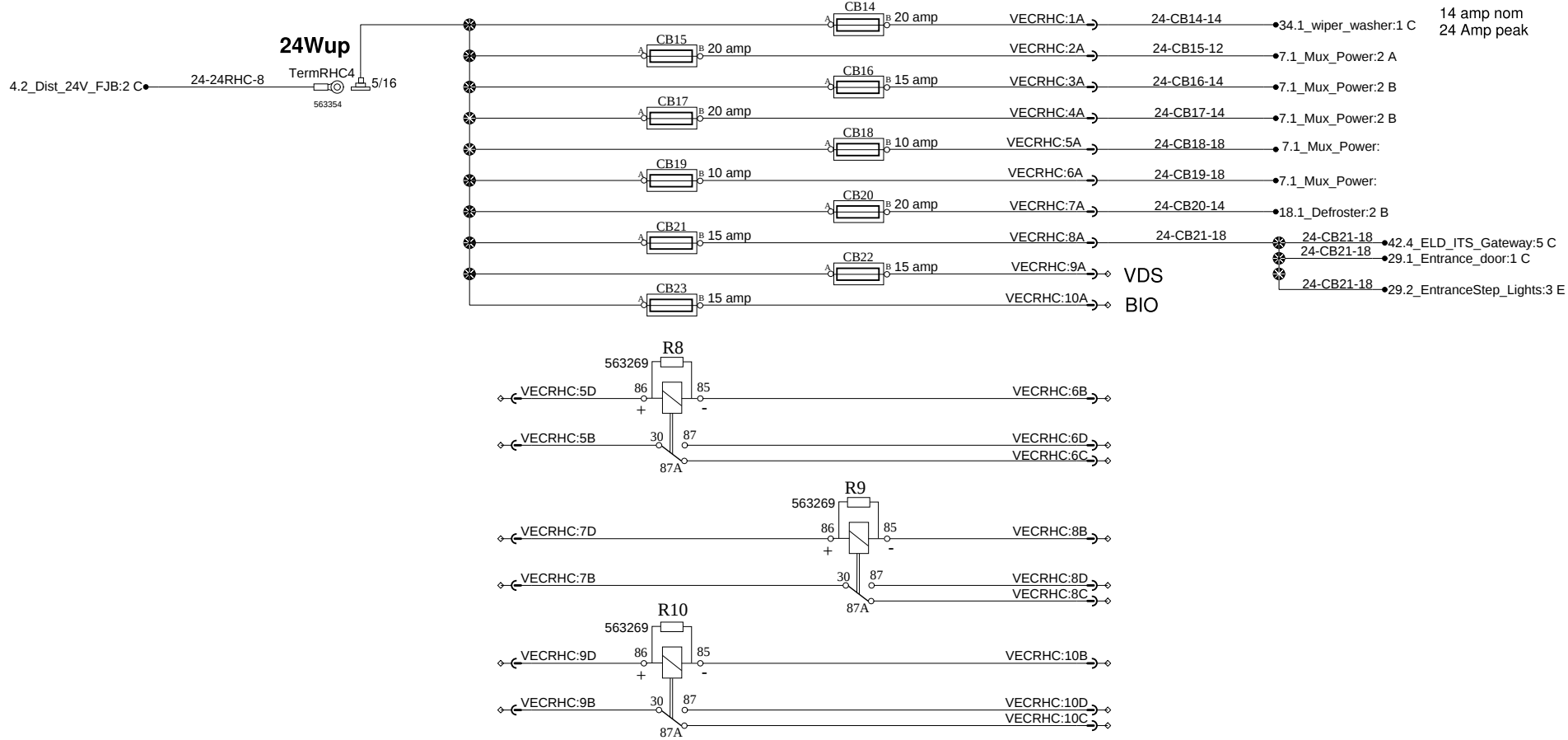
C

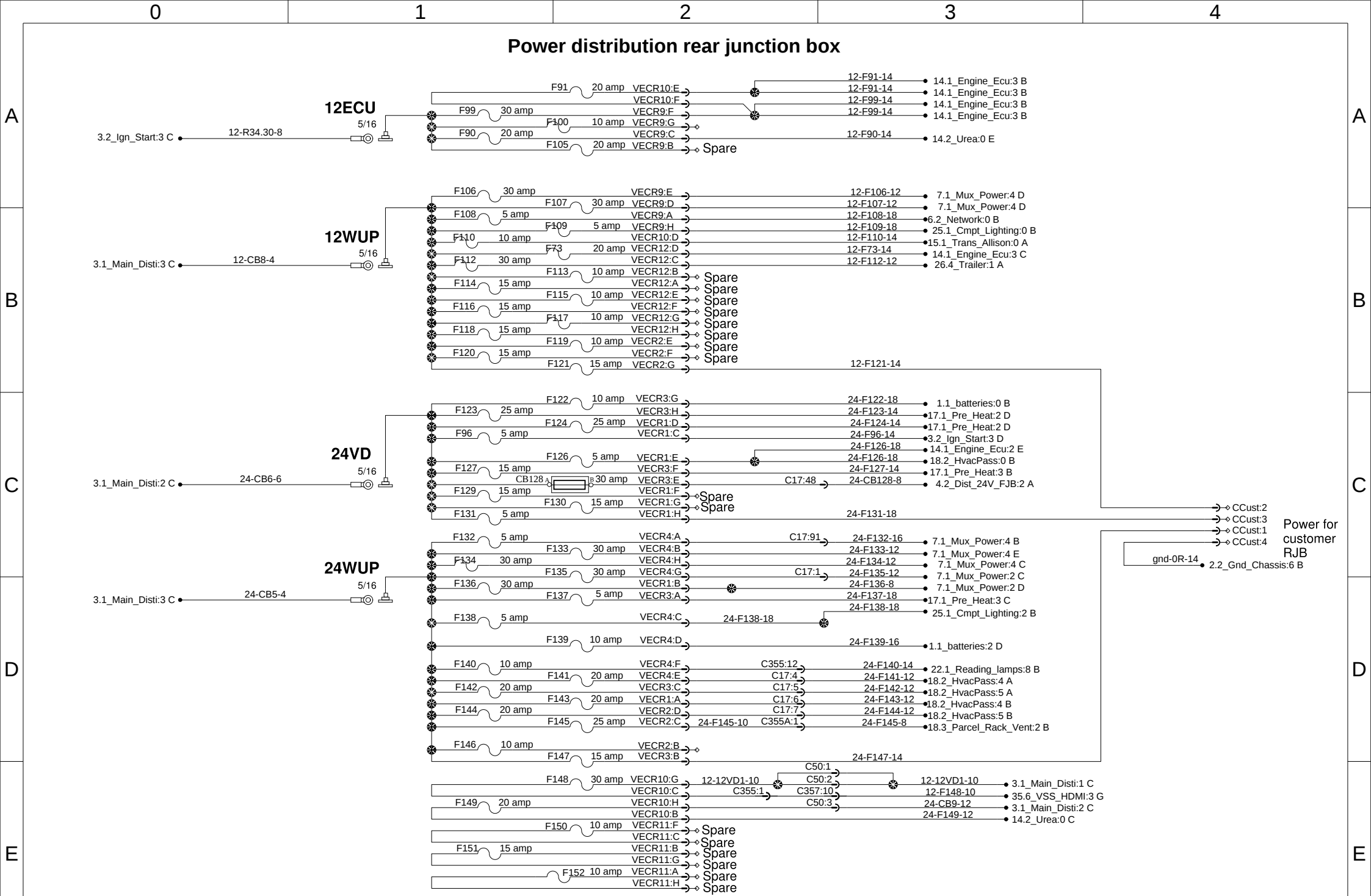
D

D

E

E





1

2

3

4

5

A

A

B

B

C

C

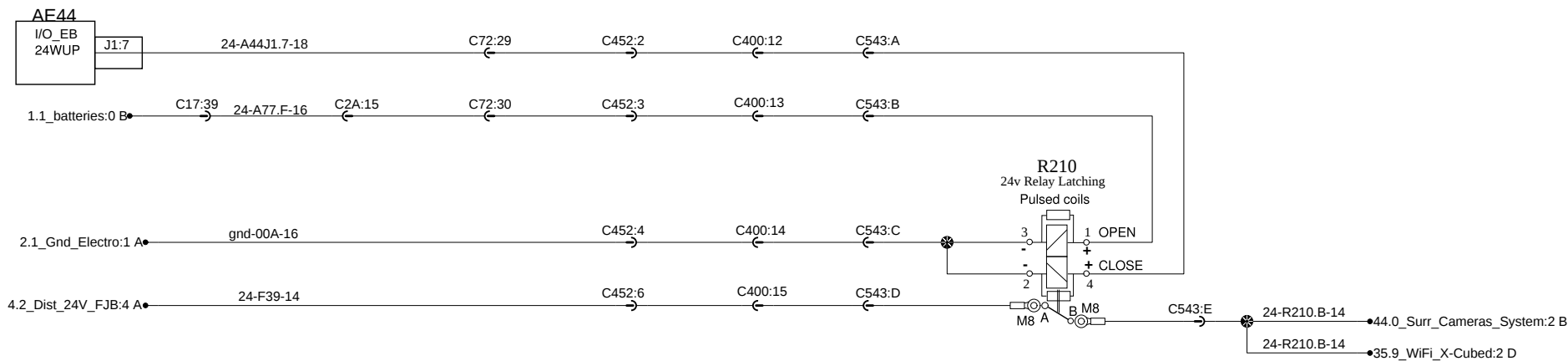
D

D

E

E

ISM Parcel Rack



1

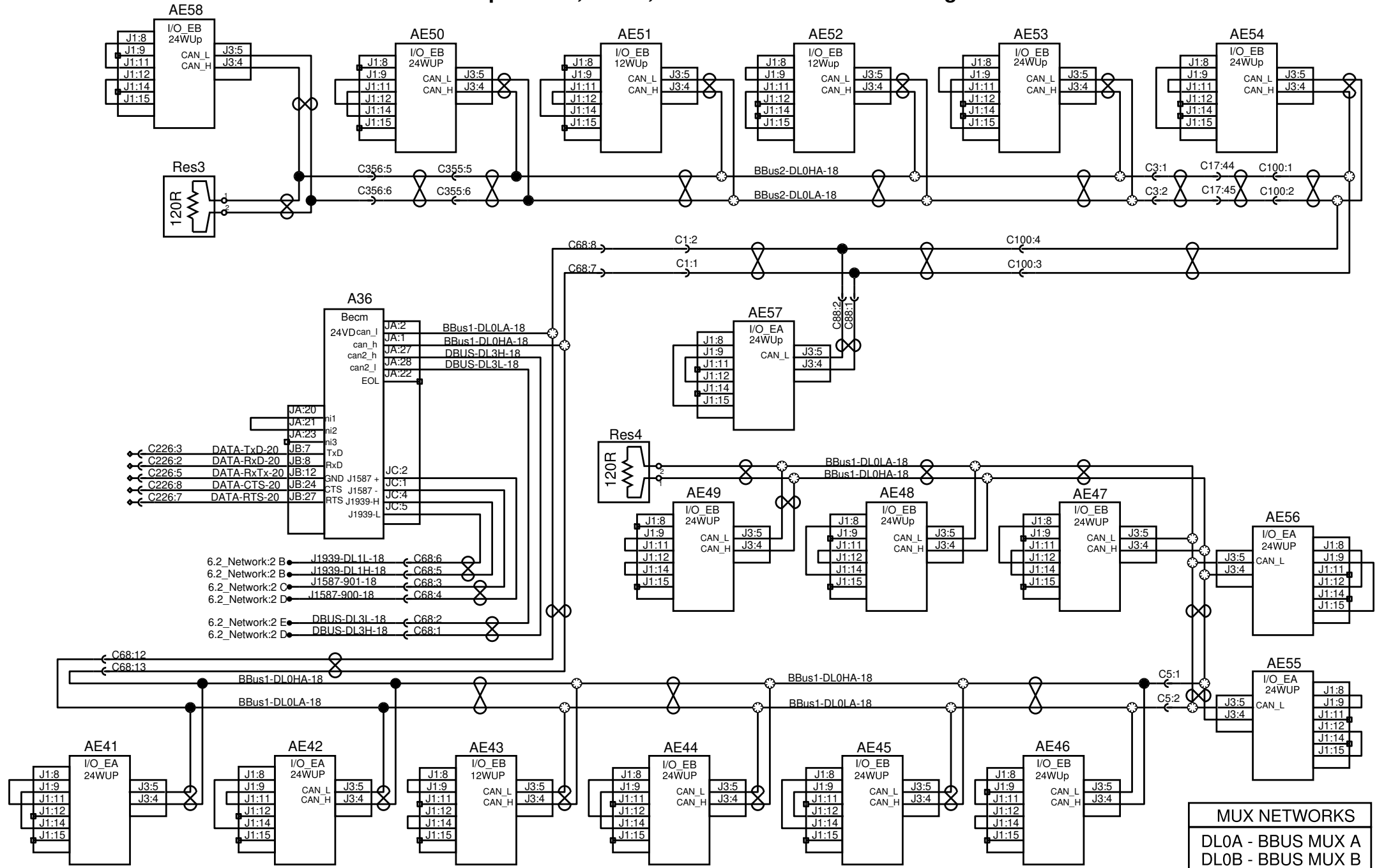
2

3

4

5

# Multiplex Can, J1587, 1939 network and addressing

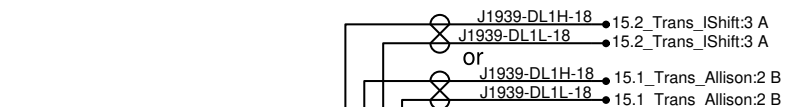


**MUX NETWORKS**  
DL0A - BBUS MUX A  
DL0B - BBUS MUX B

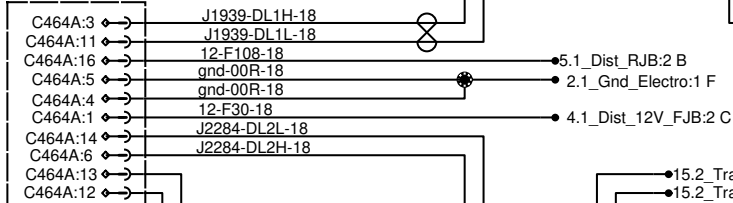
# J1939, Can Iso J2284, J1587 and DBUS

Open C194 and connect C194spA and C194spB to connect Vansco gateway.

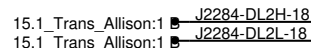
**J1939**



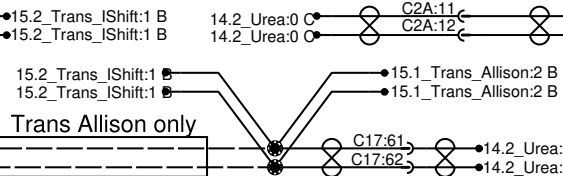
**C464A  
OBD Conn RJB**



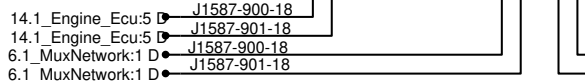
**Can Iso J2284**



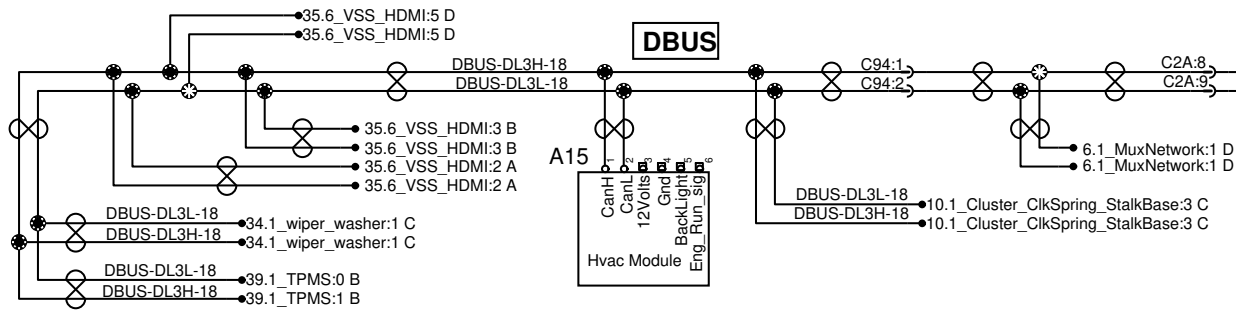
**Trans Allison only**



**J1587**



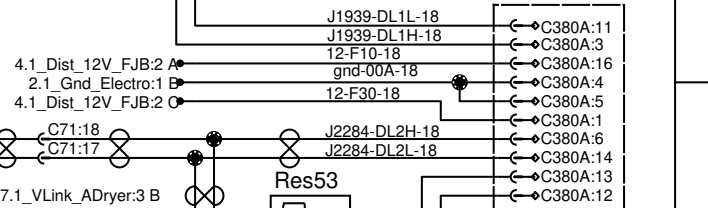
**DBUS**



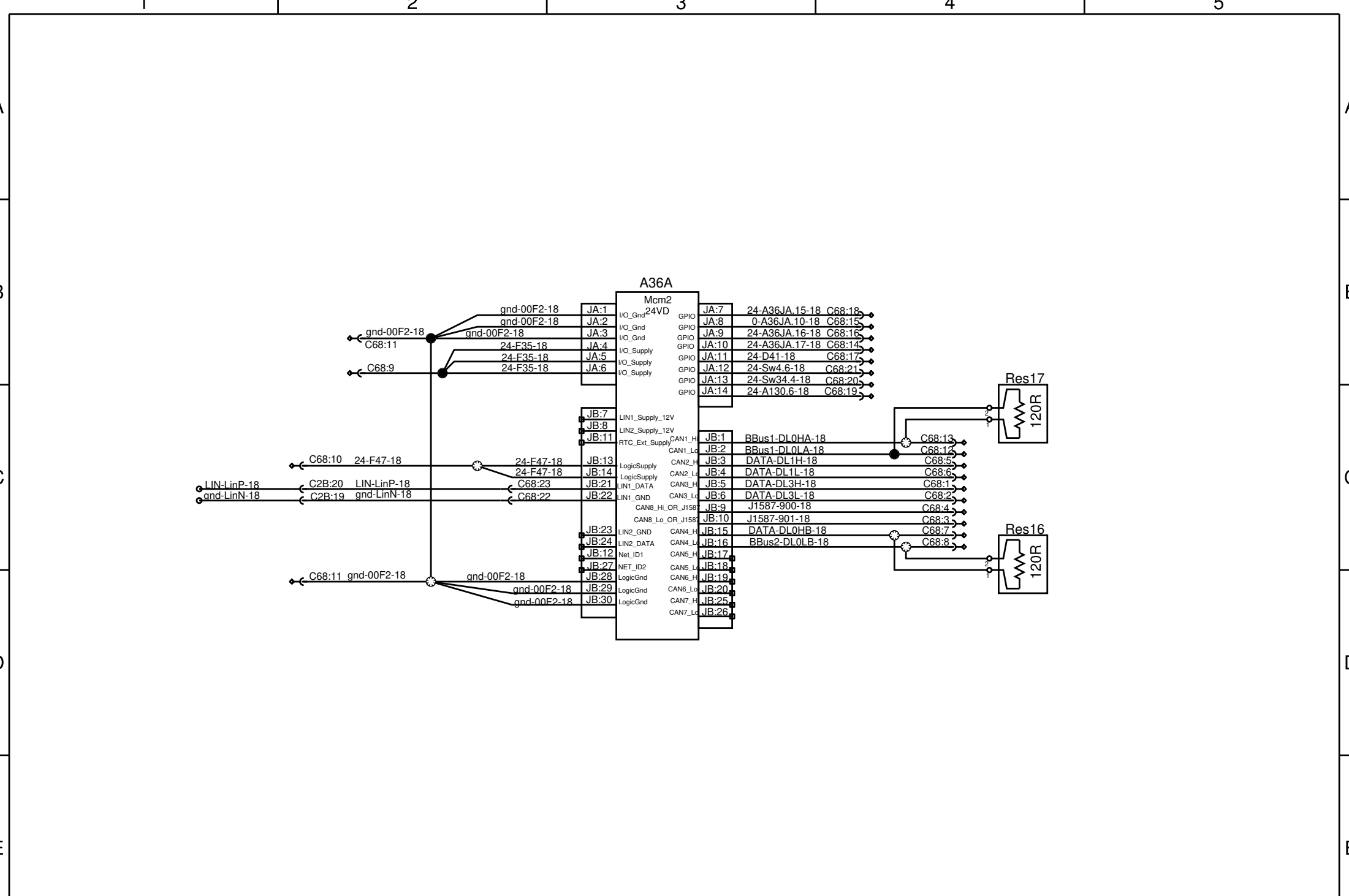
**Res7  
120R**

563593

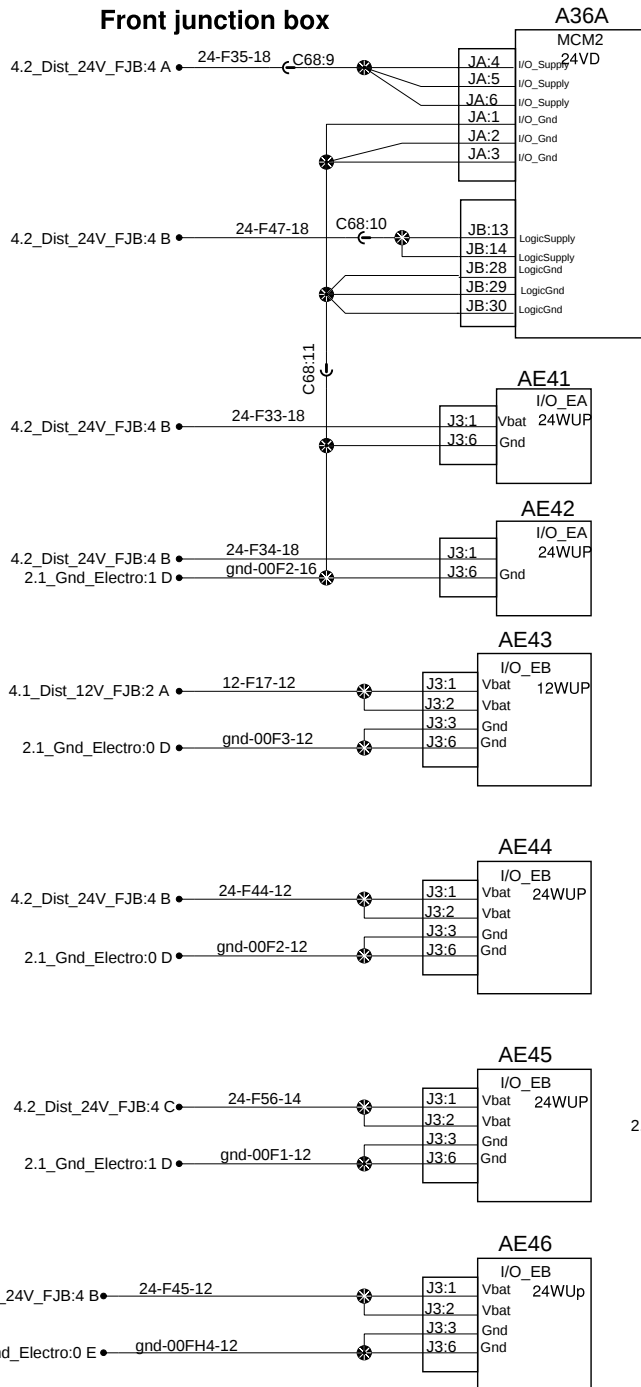
**C380A  
OBD Conn Dash**



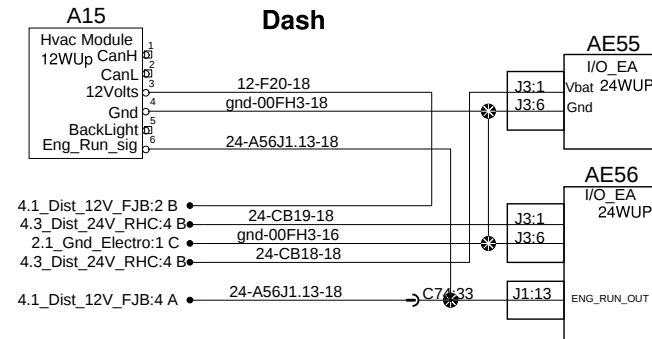
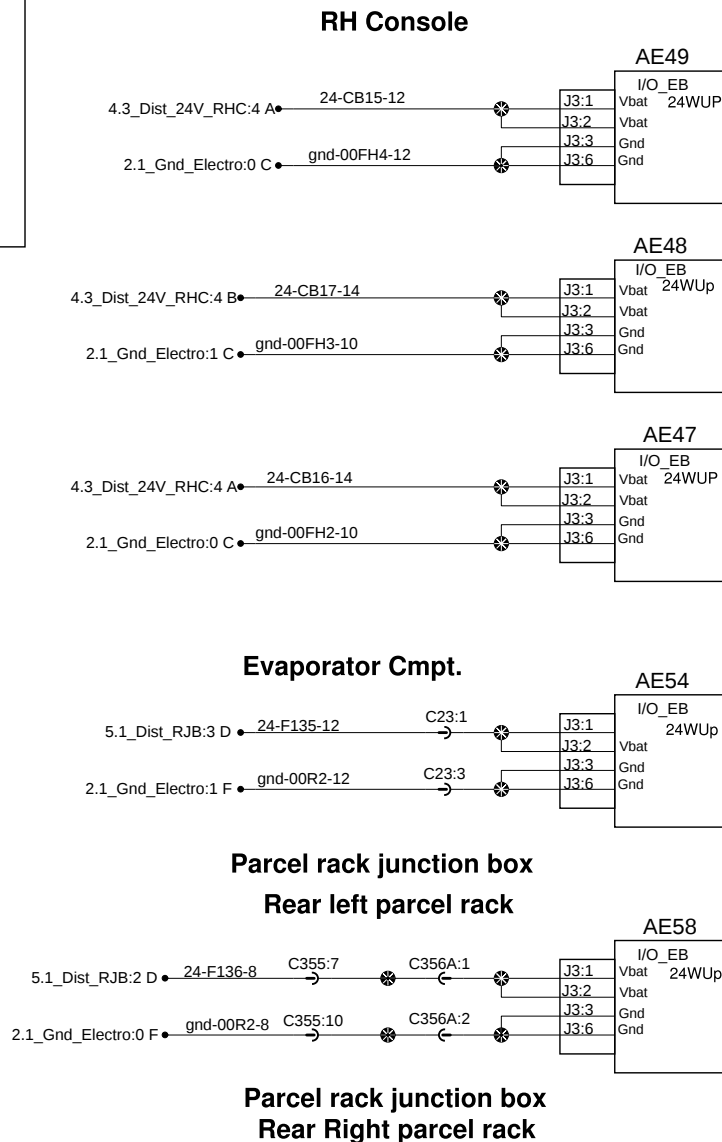
| NETWORKS                 |  |
|--------------------------|--|
| DL0A - BBUS MUX A        |  |
| DL0B - BBUS MUX B        |  |
| DL1 - J1939              |  |
| DL2 - J2284              |  |
| DL3 - DBUS MUX           |  |
| DL7 - ENGINE SUBNET      |  |
| DL9 - POWER TRAIN SUBNET |  |



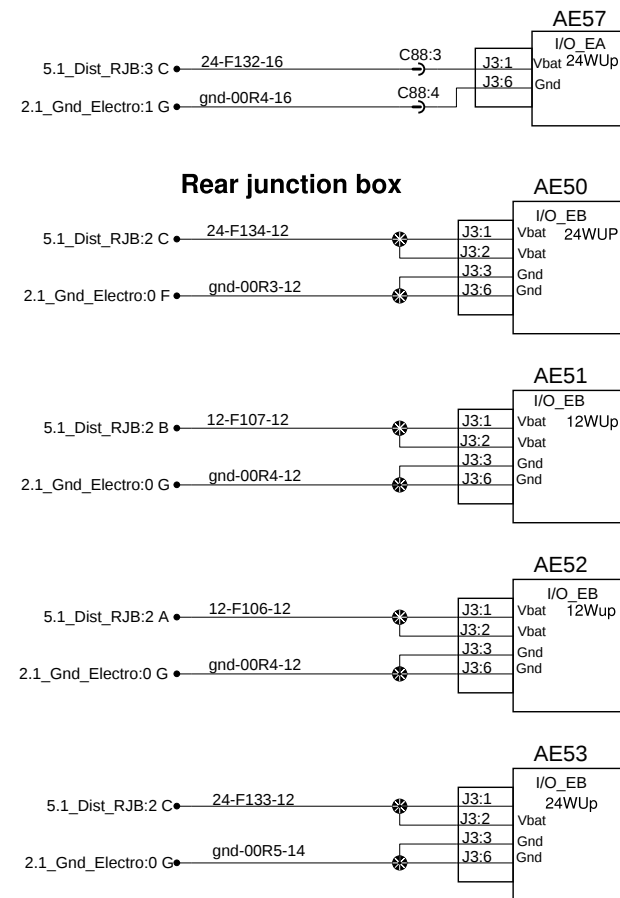
## Front junction box



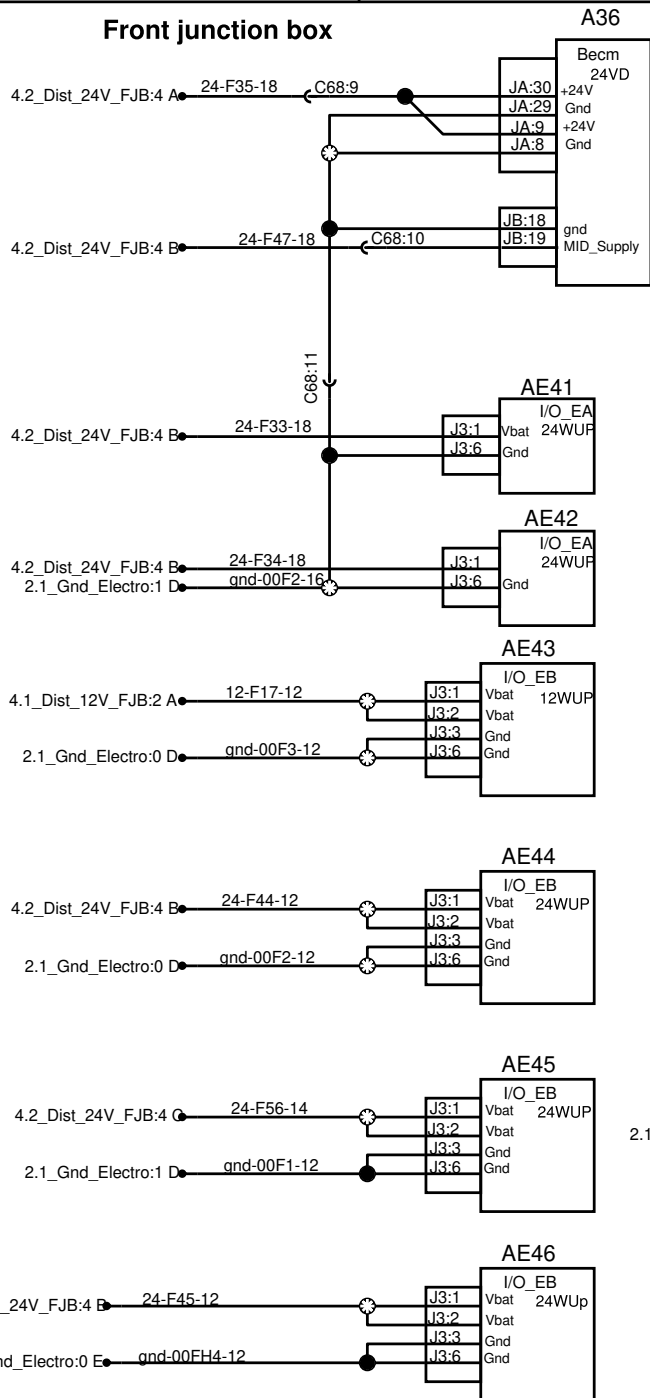
## Multiplex power supply distribution



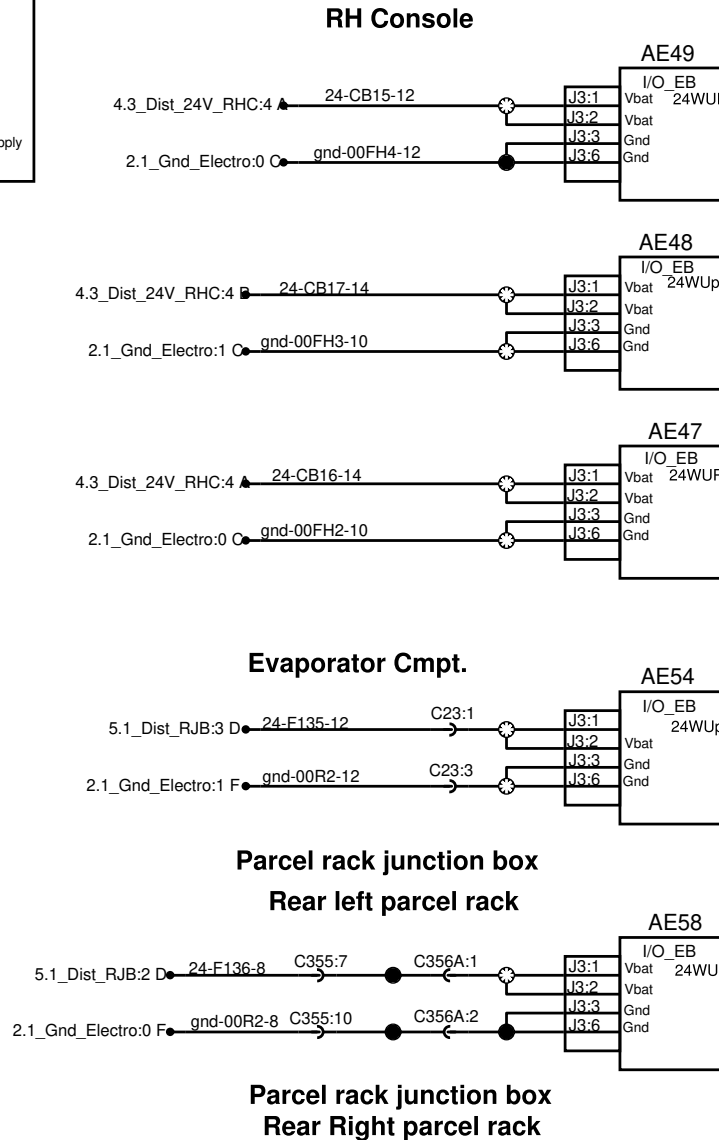
## WCL Cmpt.



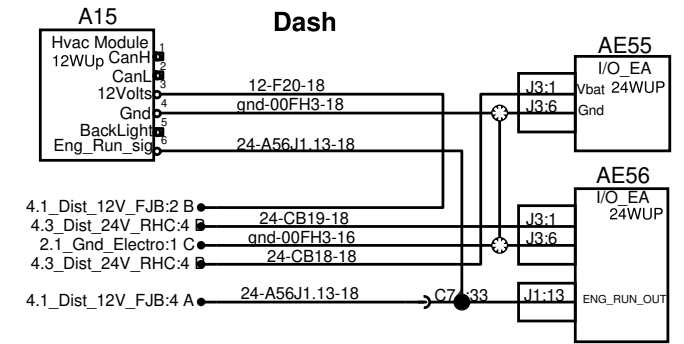
## Front junction box



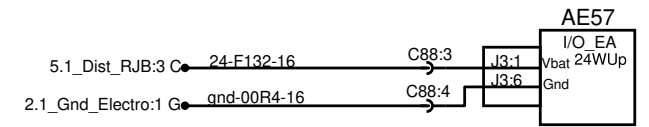
## Multiplex power supply distribution



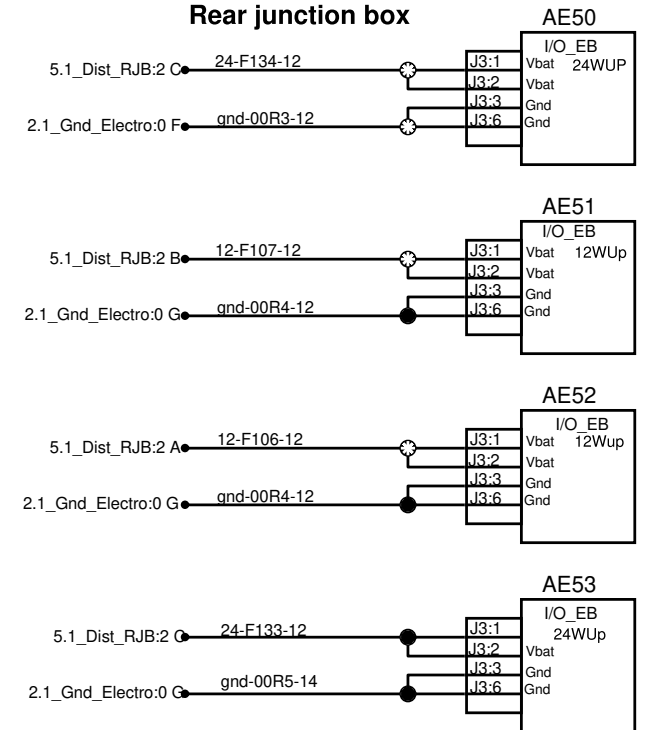
## Dash



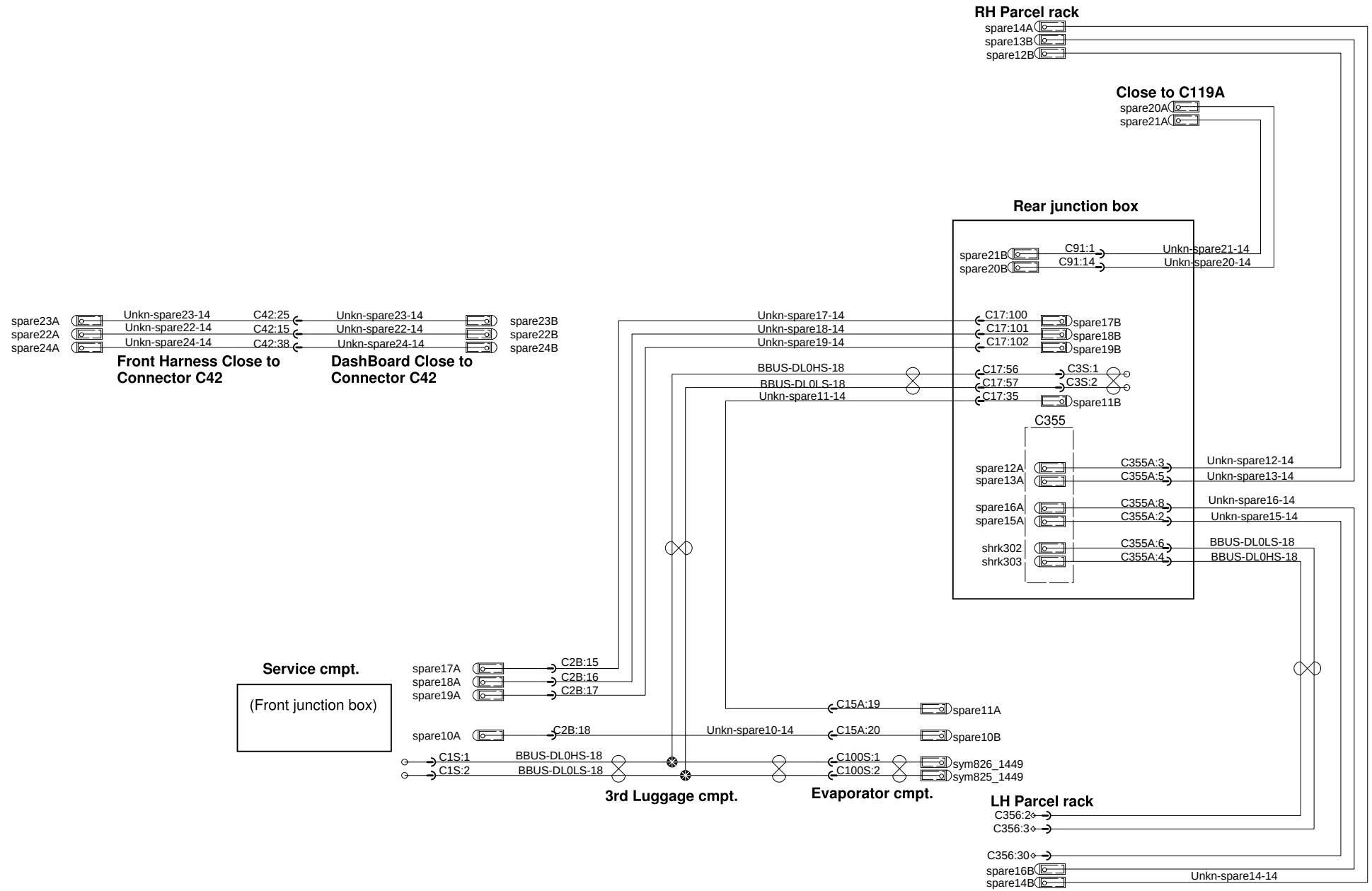
## WCL Cmpt.



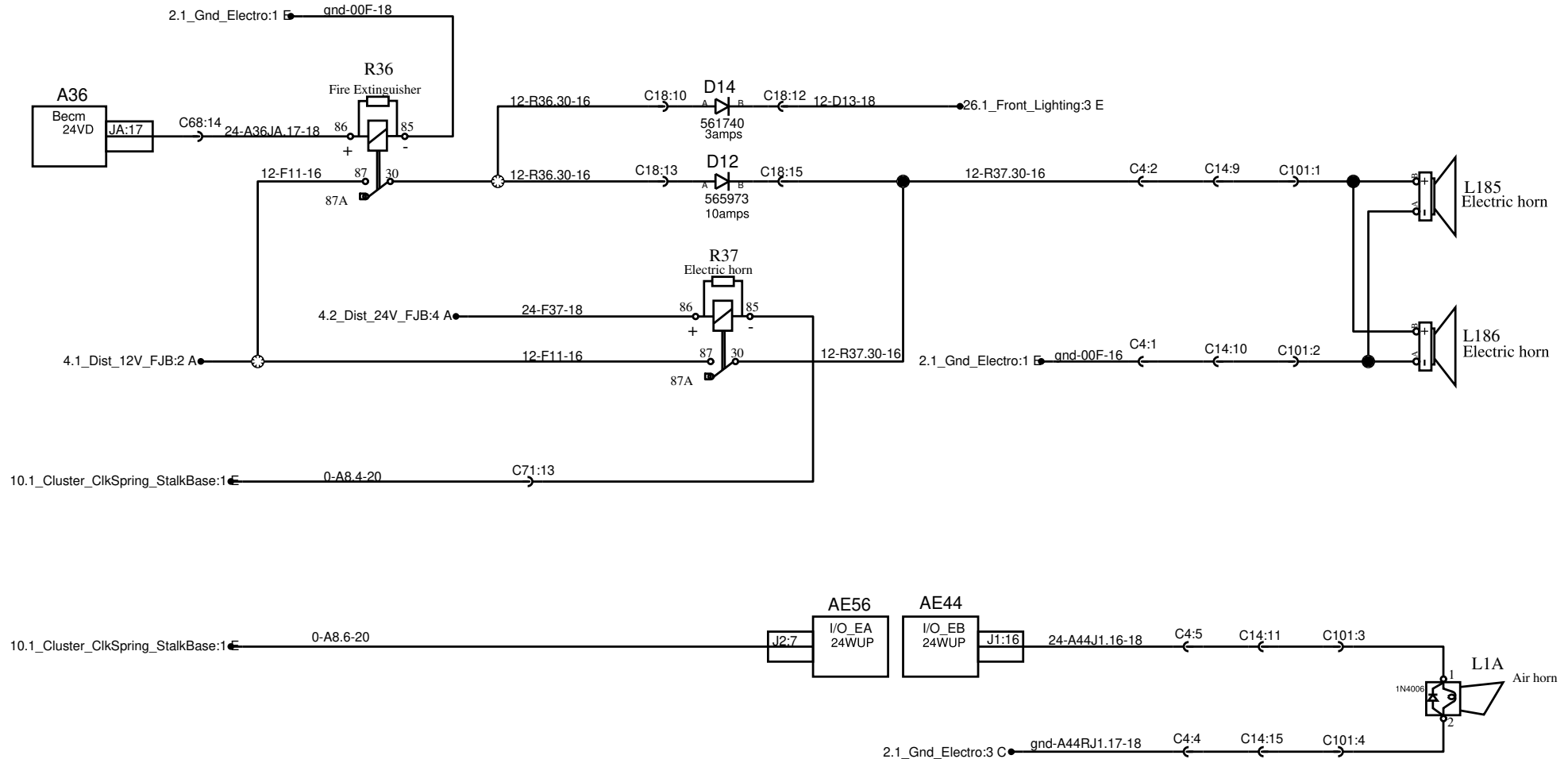
## Rear junction box



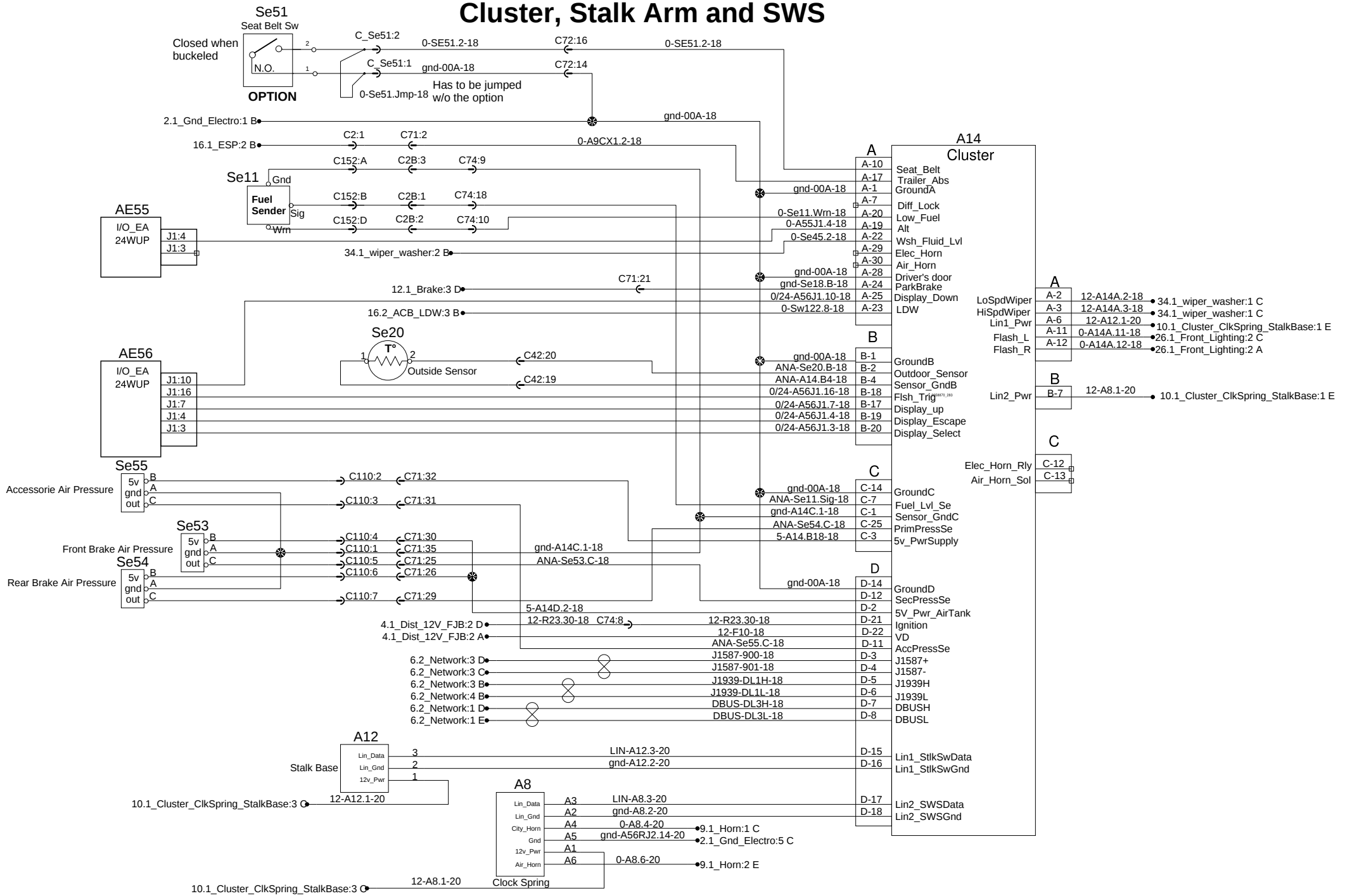
# Spares wires



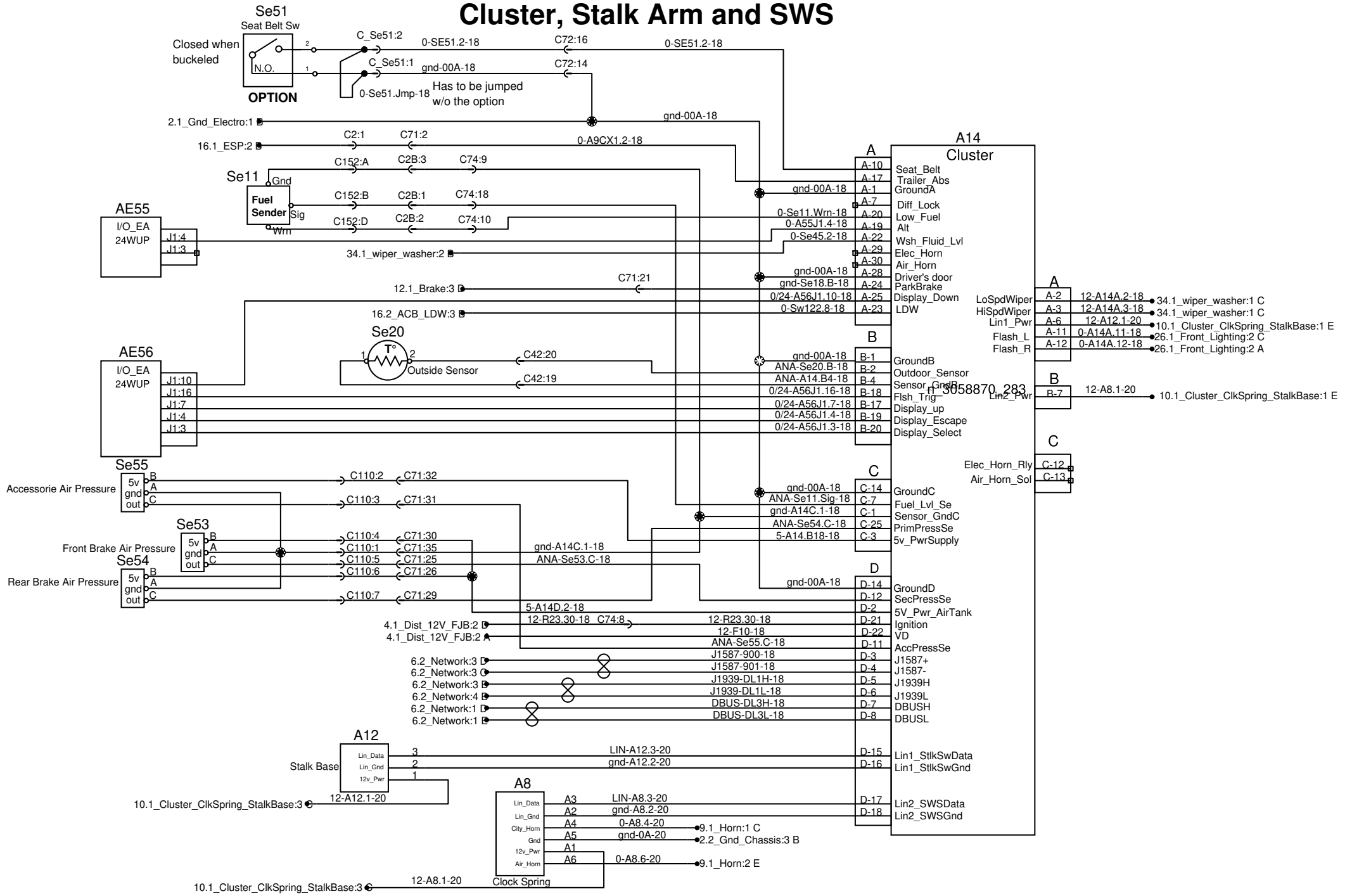
# Horn



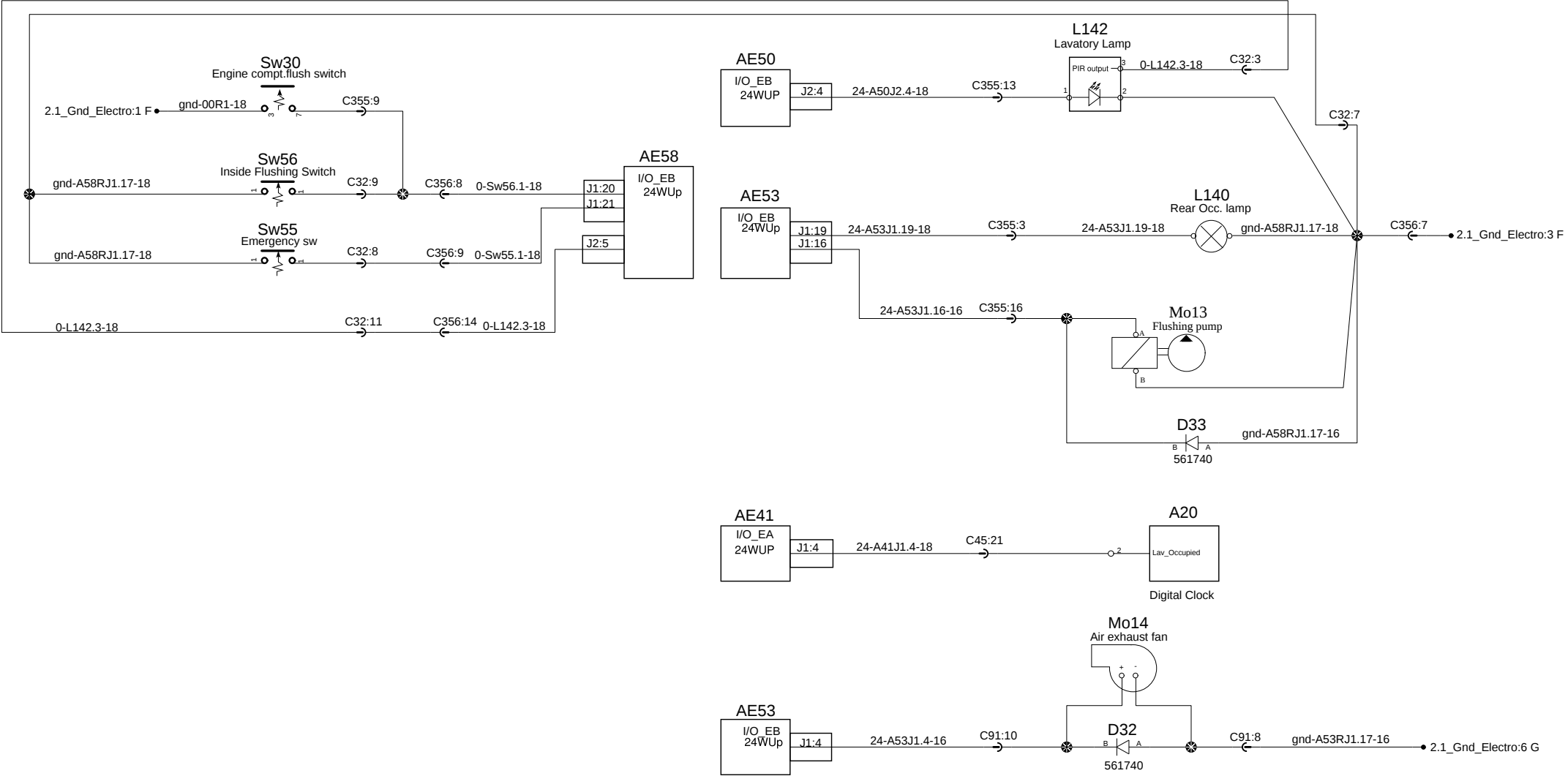
# Cluster, Stalk Arm and SWS



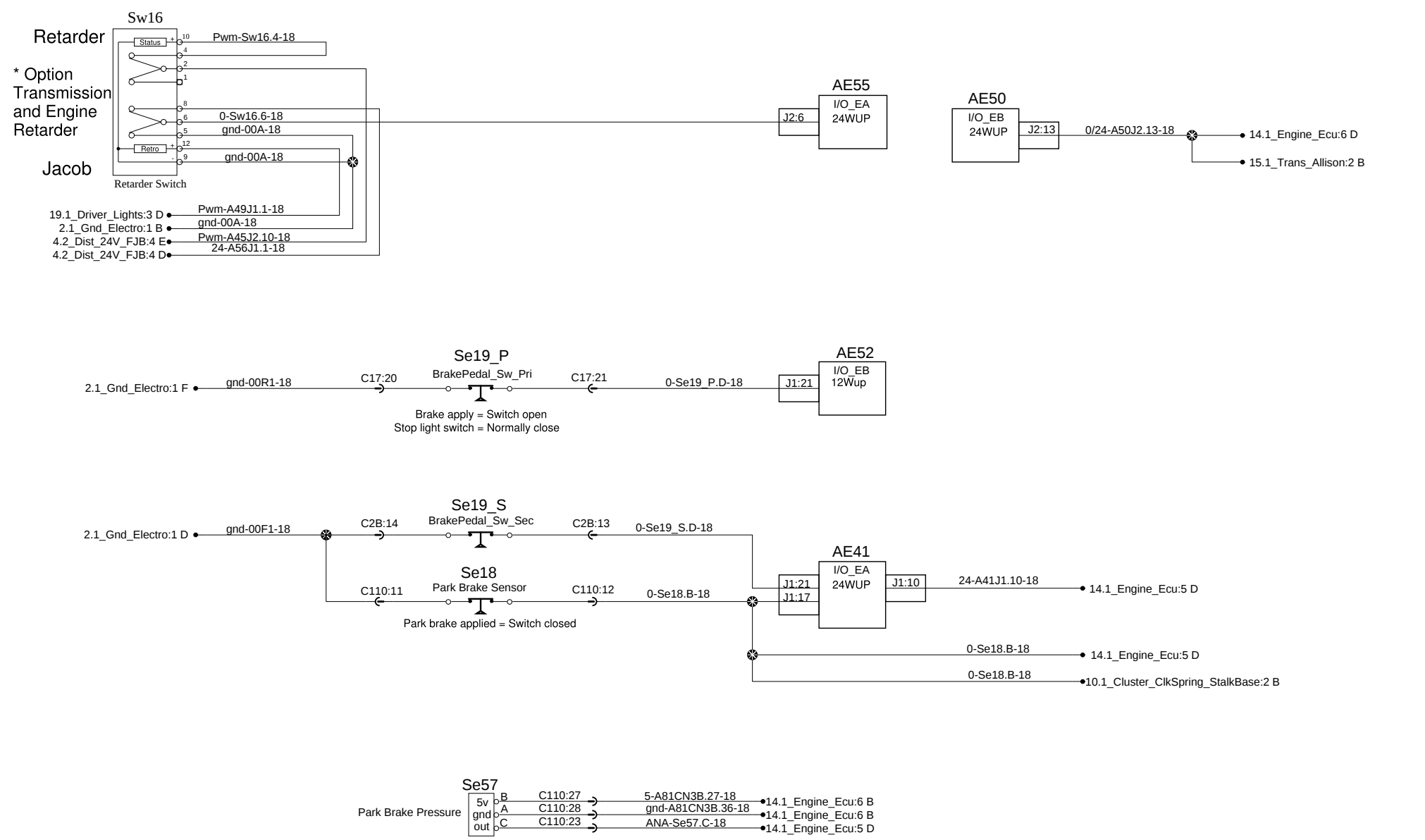
# Cluster, Stalk Arm and SWS



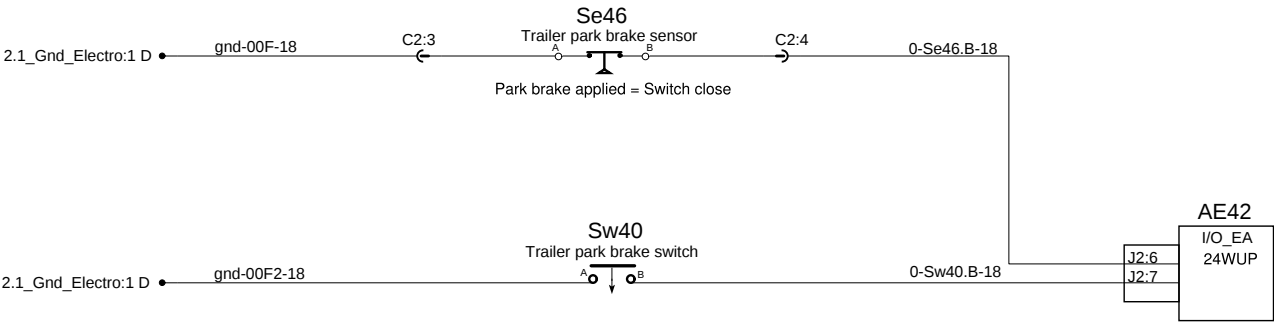
Lavatory and No Smoking sign



Brake, Engine brake and Retarder



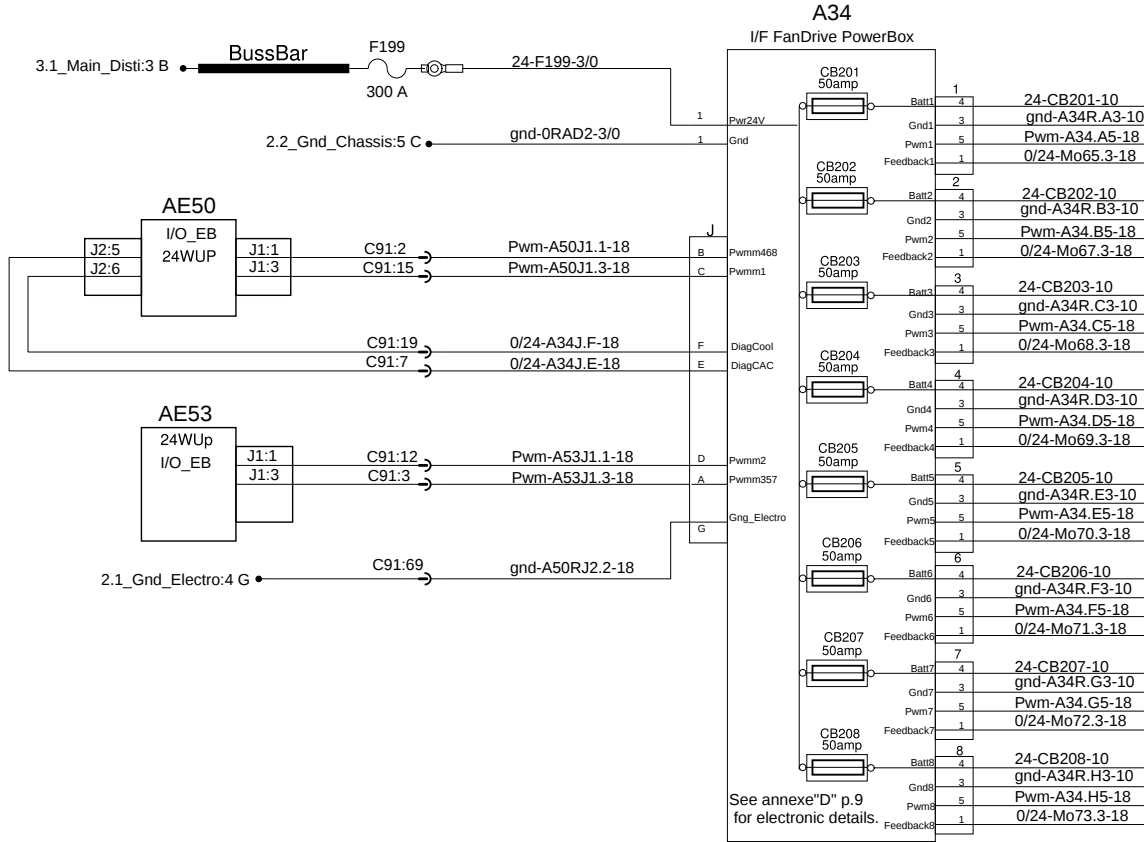
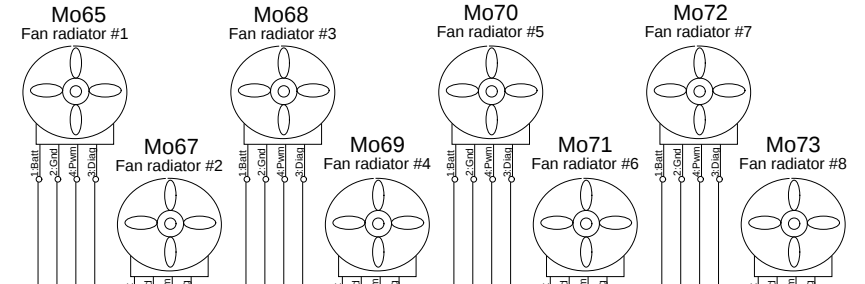
Trailer park brake



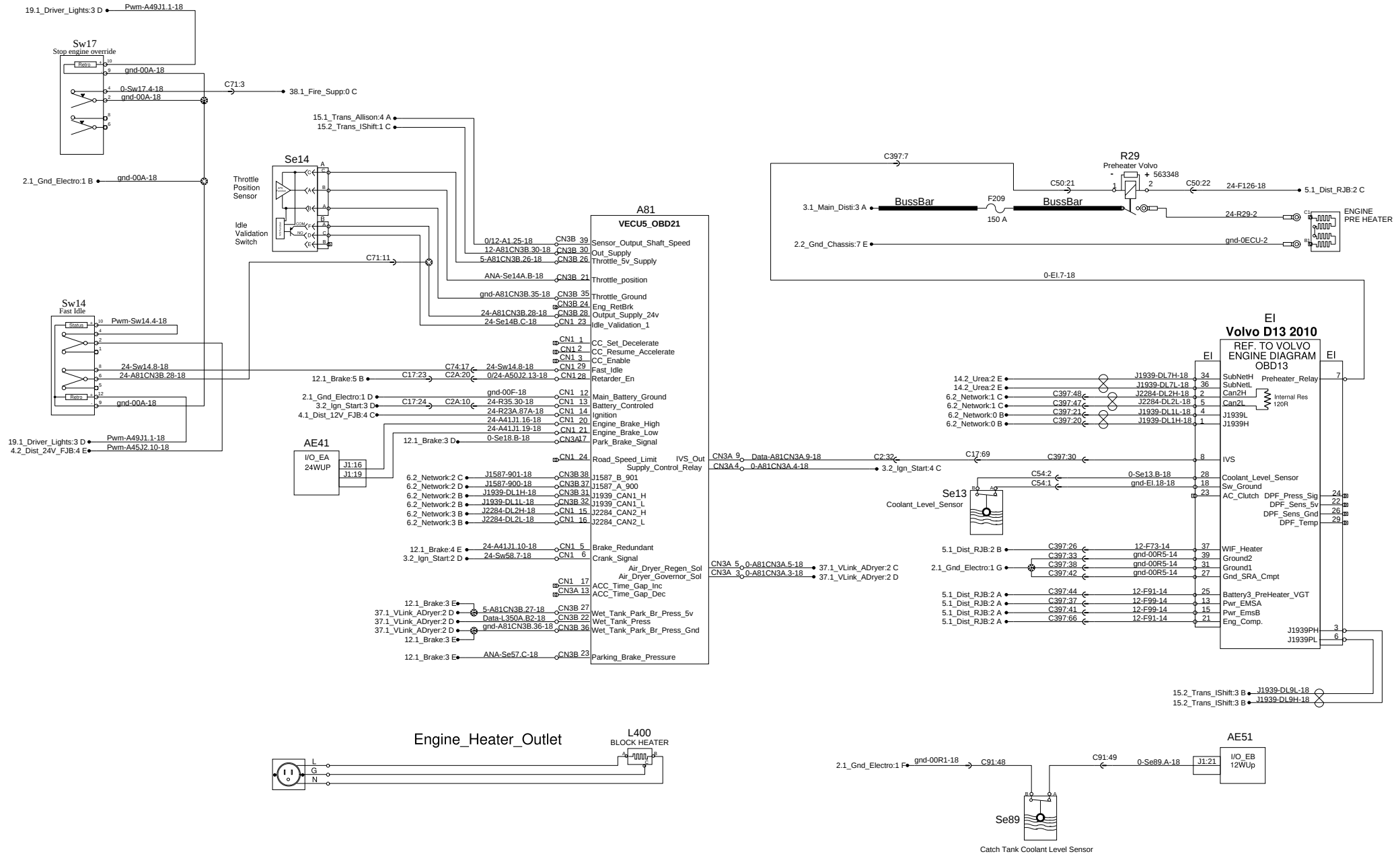
# Electric fans drive

CAC

Engine



ALREVOST®



A

B

C

D

E

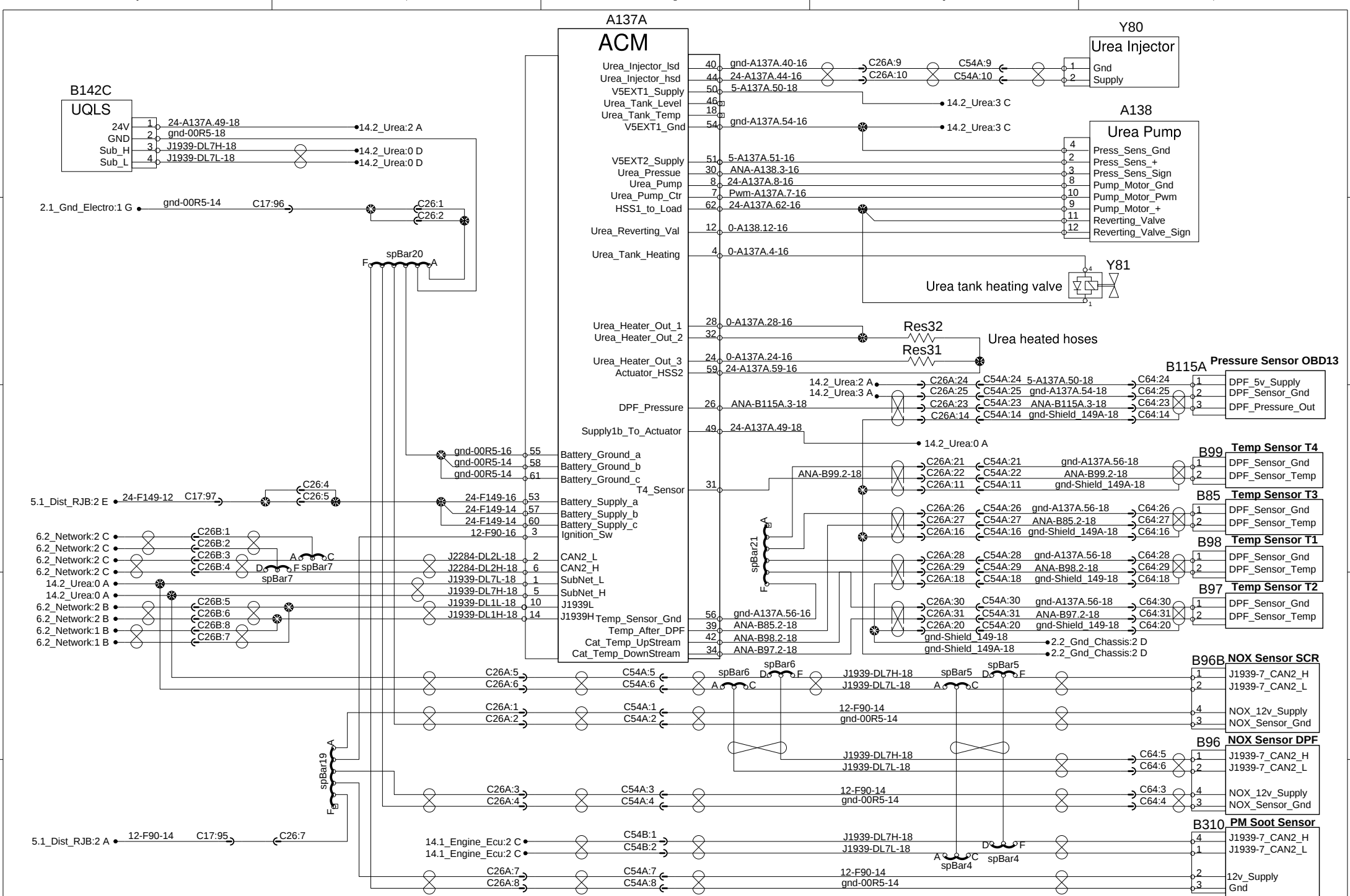
A

B

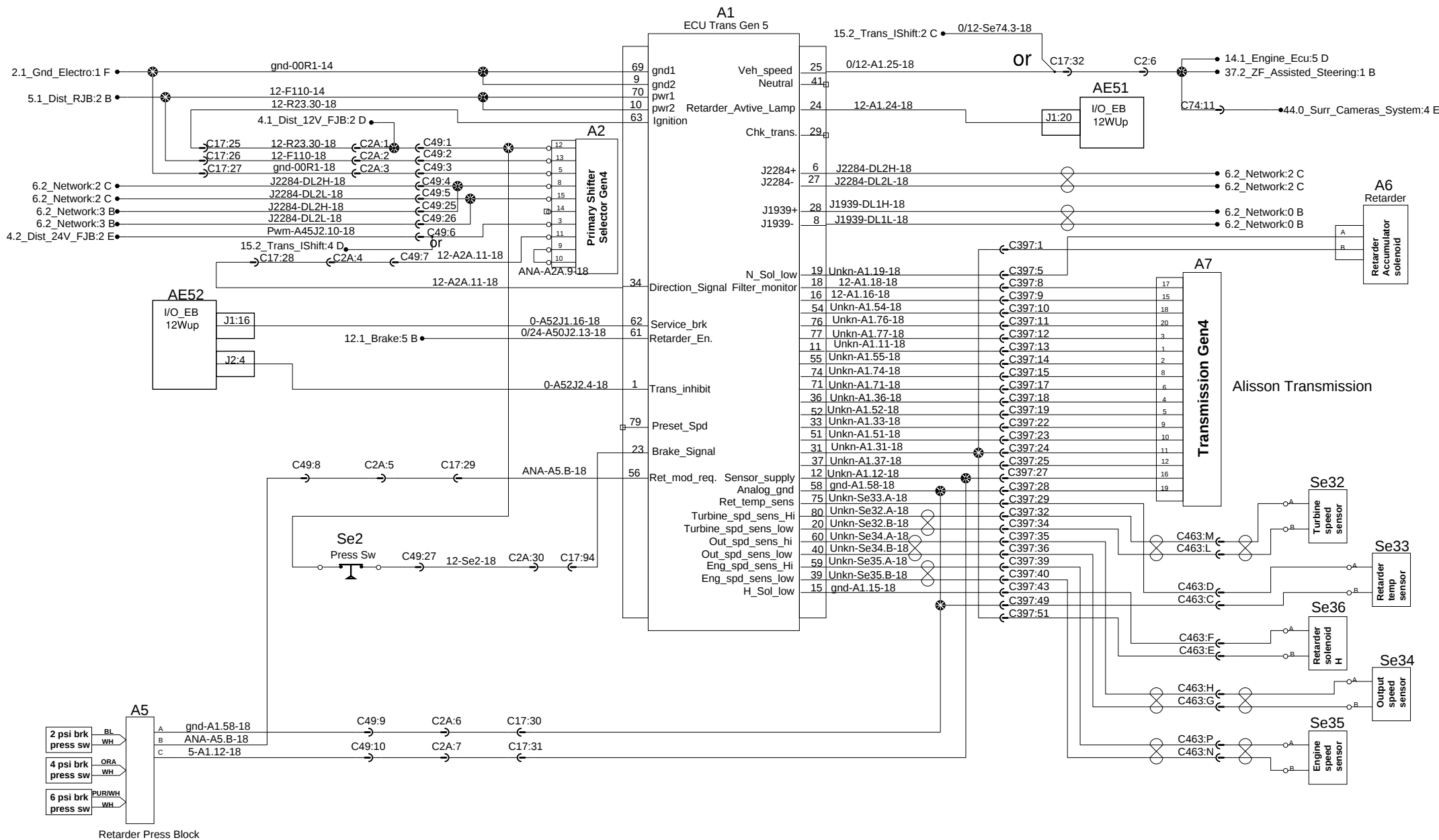
C

D

E



# Transmission Alisson Gen 5



The diagram illustrates the wiring for the TECU\_I Shift module (A107) and the Se74 output speed sensor I-shift module. The connections are as follows:

- 4.1\_Dist\_12V\_FJB:2 D** connects to **12-F43-12**, which then connects to **C2:19** and **C2:13**.
- 2.1\_Gnd\_Electro:1 F** connects to **gnd-00R1-14**.
- 14.1\_Engine\_Ecu:2 C** connects to **J1939-DL9H-18**.
- 14.1\_Engine\_Ecu:2 C** connects to **J1939-DL9L-18**.
- 6.2\_Network:1 C** connects to **J2284-DL2H-18** and **C397:10**.
- 6.2\_Network:1 C** connects to **J2284-DL2L-18** and **C397:11**.
- 6.2\_Network:2 C** connects to **J2284-DL2H-18** and **C397:12**.
- 6.2\_Network:2 C** connects to **J2284-DL2L-18** and **C397:13**.
- 15.1\_Trans\_Allison:3 A** connects to **0/12-Se74.3-18**.
- 14.1\_Engine\_Ecu:5 D** connects to **12-A81CN3B.30-18**, which then connects to **C2A:16**.

The **A107** module (TECU\_I Shift) has the following connections:

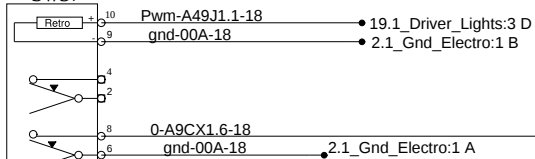
- Pin 20** connects to **Pwr1** and **J1939H**.
- Pin 21** connects to **Pwr2** and **J1939L**.
- Pin 17** connects to **Gnd1**.
- Pin 18** connects to **Gnd2**.
- Pin 7** connects to **J1939PH**.
- Pin 8** connects to **J1939PL**.
- Pin 10** connects to **J1587+**.
- Pin 11** connects to **J1587-**.
- Pin 12** connects to **BB2H**.
- Pin 13** connects to **BB2L**.

The **Se74** module (Output speed sensor I-shift) has the following connections:

- Pin 2** connects to **0/12-Se74.3-18**.
- Pin 3** connects to **0/12-Se74.3-18**.
- Pin 1** connects to **0/12-Se74.3-18**.

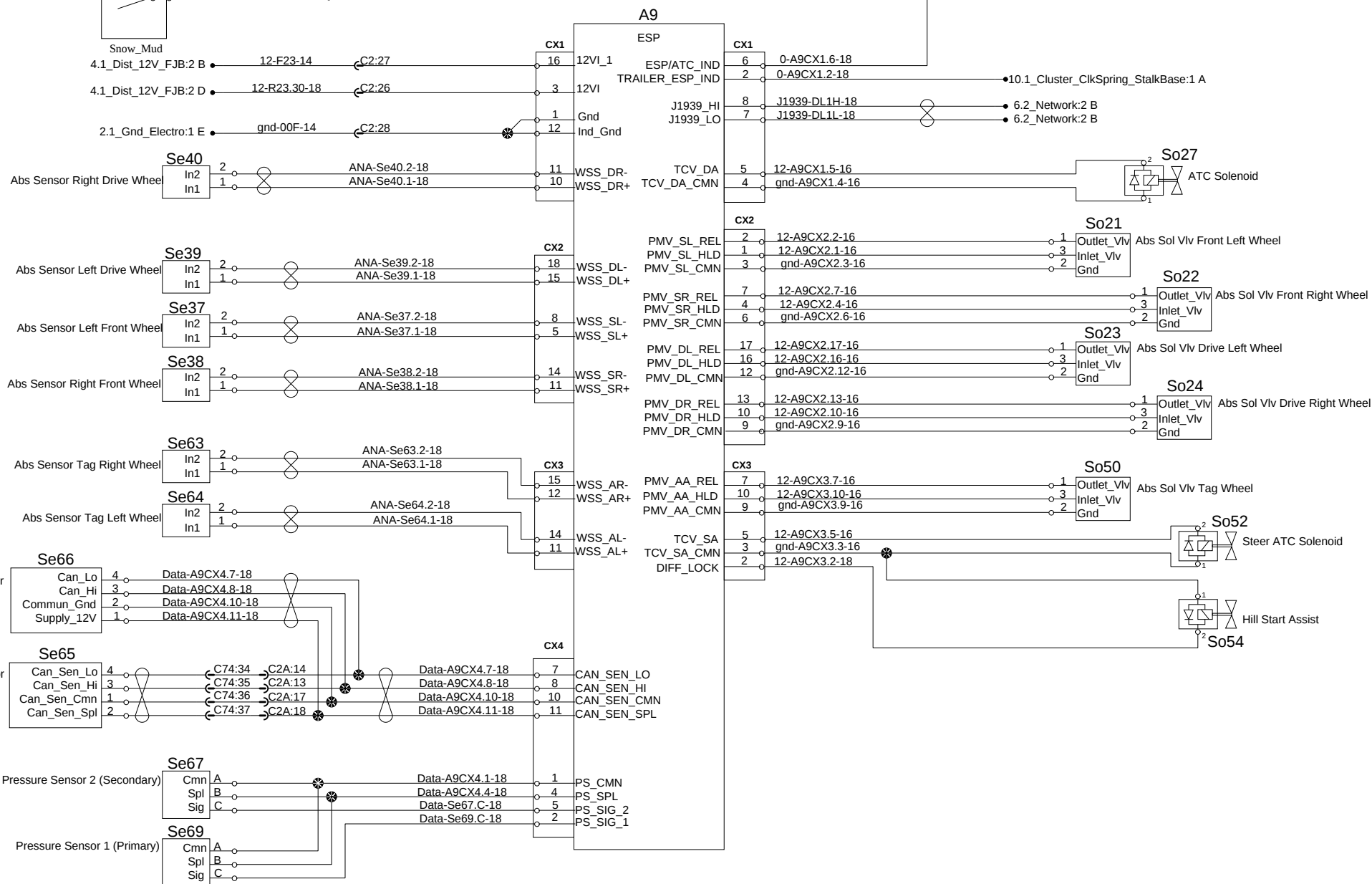


Sw37



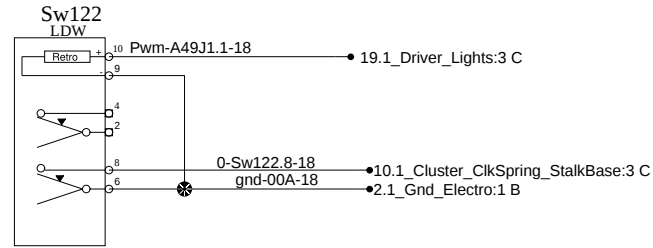
ESP

## Electronic Stability Program

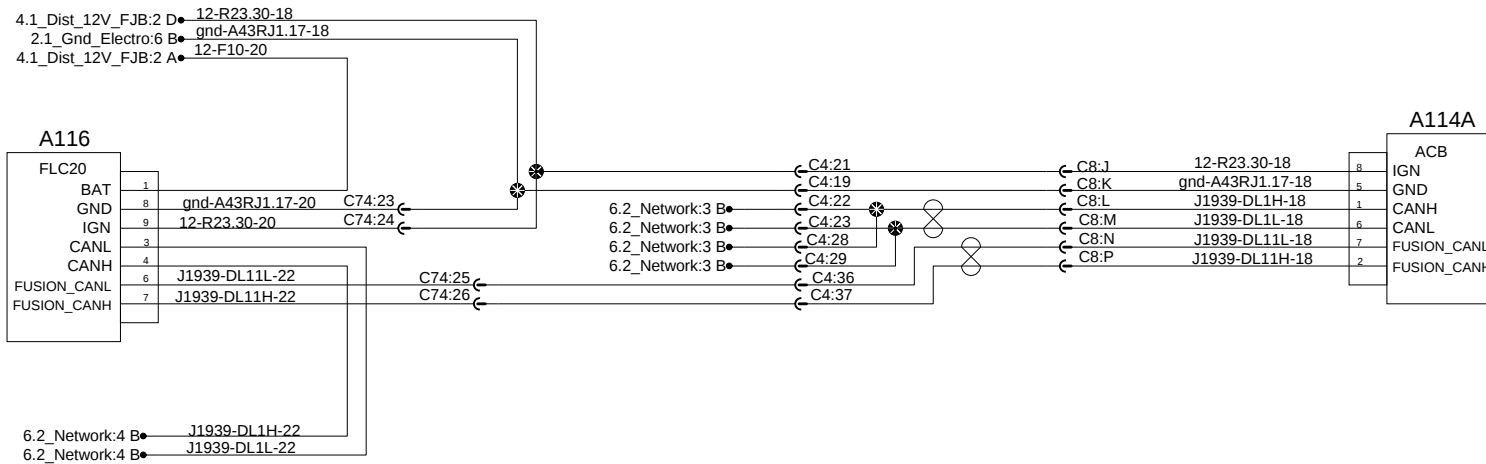
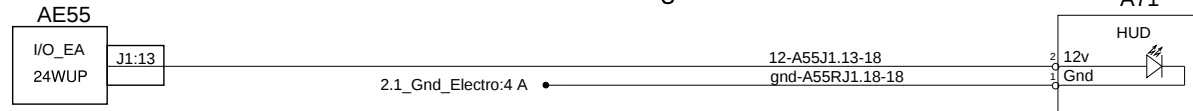


# ACC & LDW

## Adaptative cruise control breaking and Line departure warning



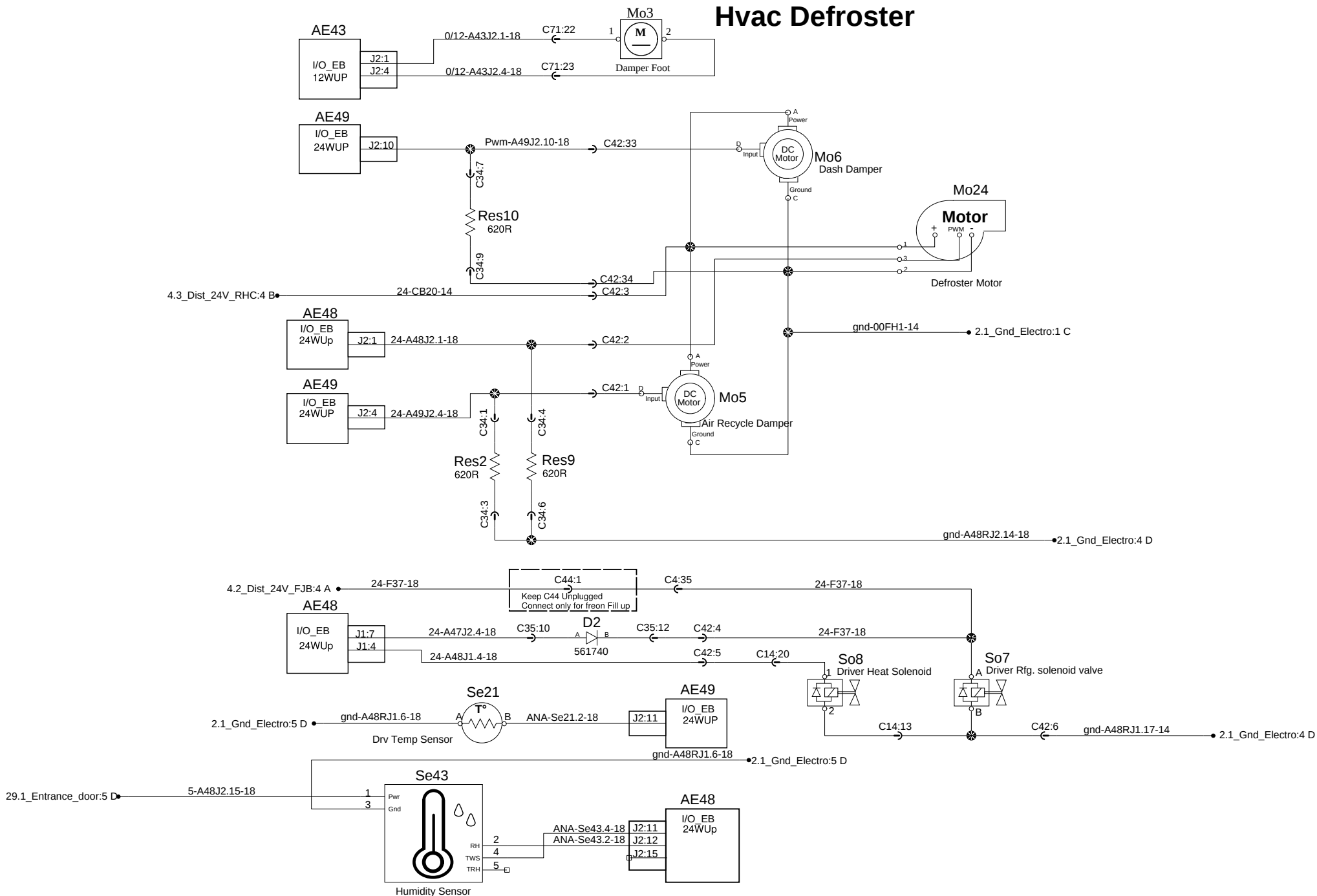
## Forward collision warning



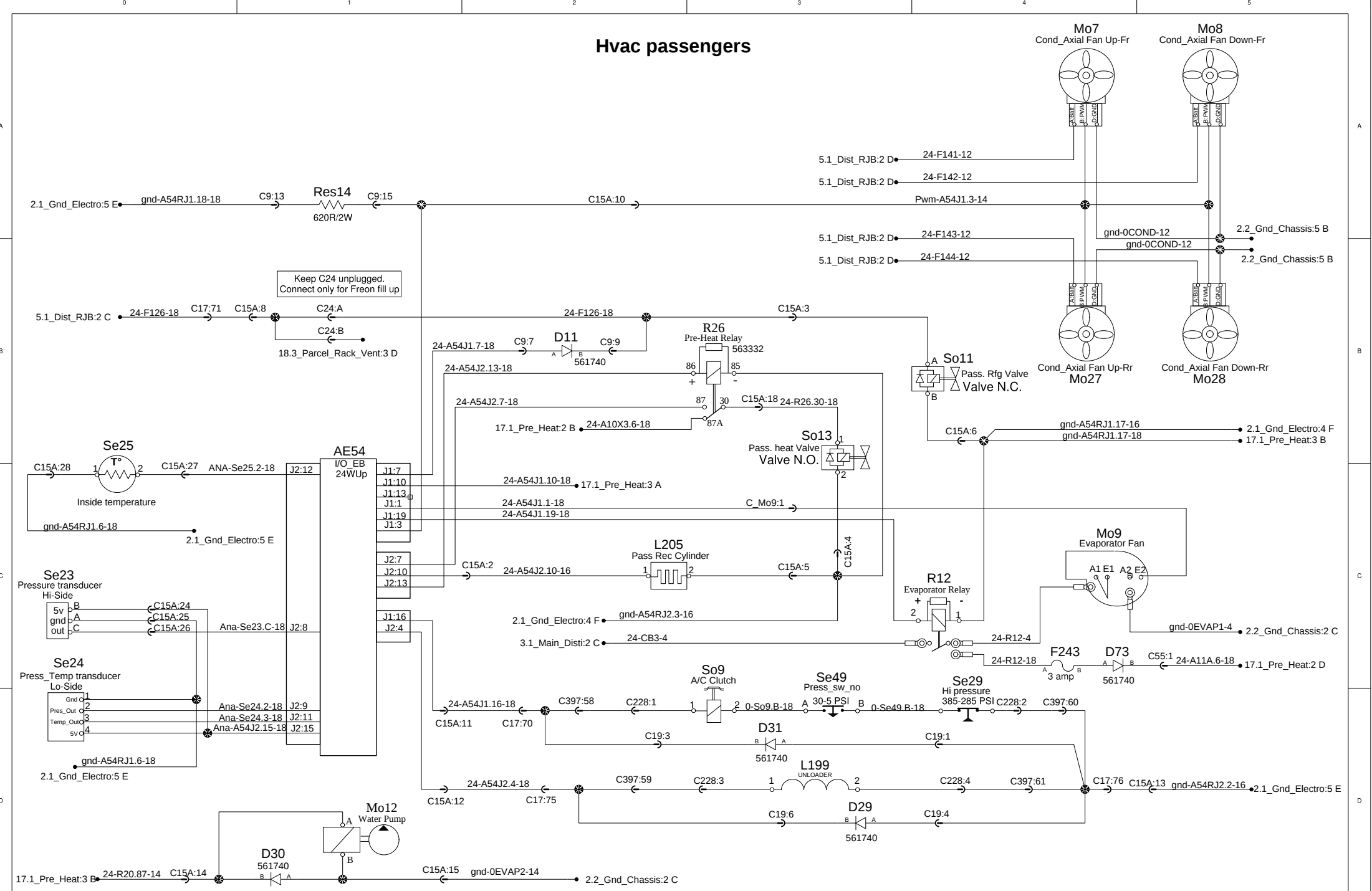
## 4



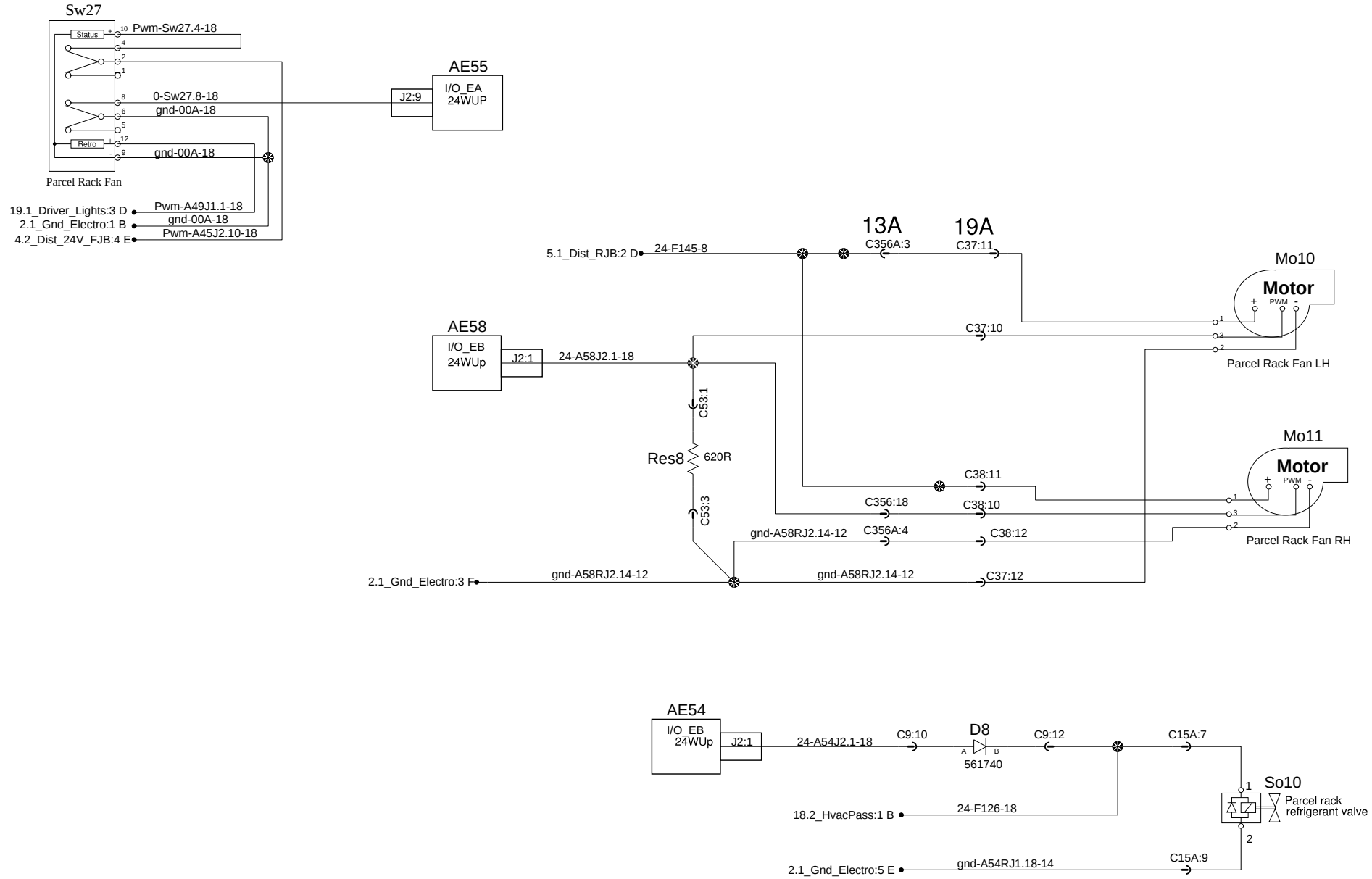
# Hvac Defroster



# Hvac passengers

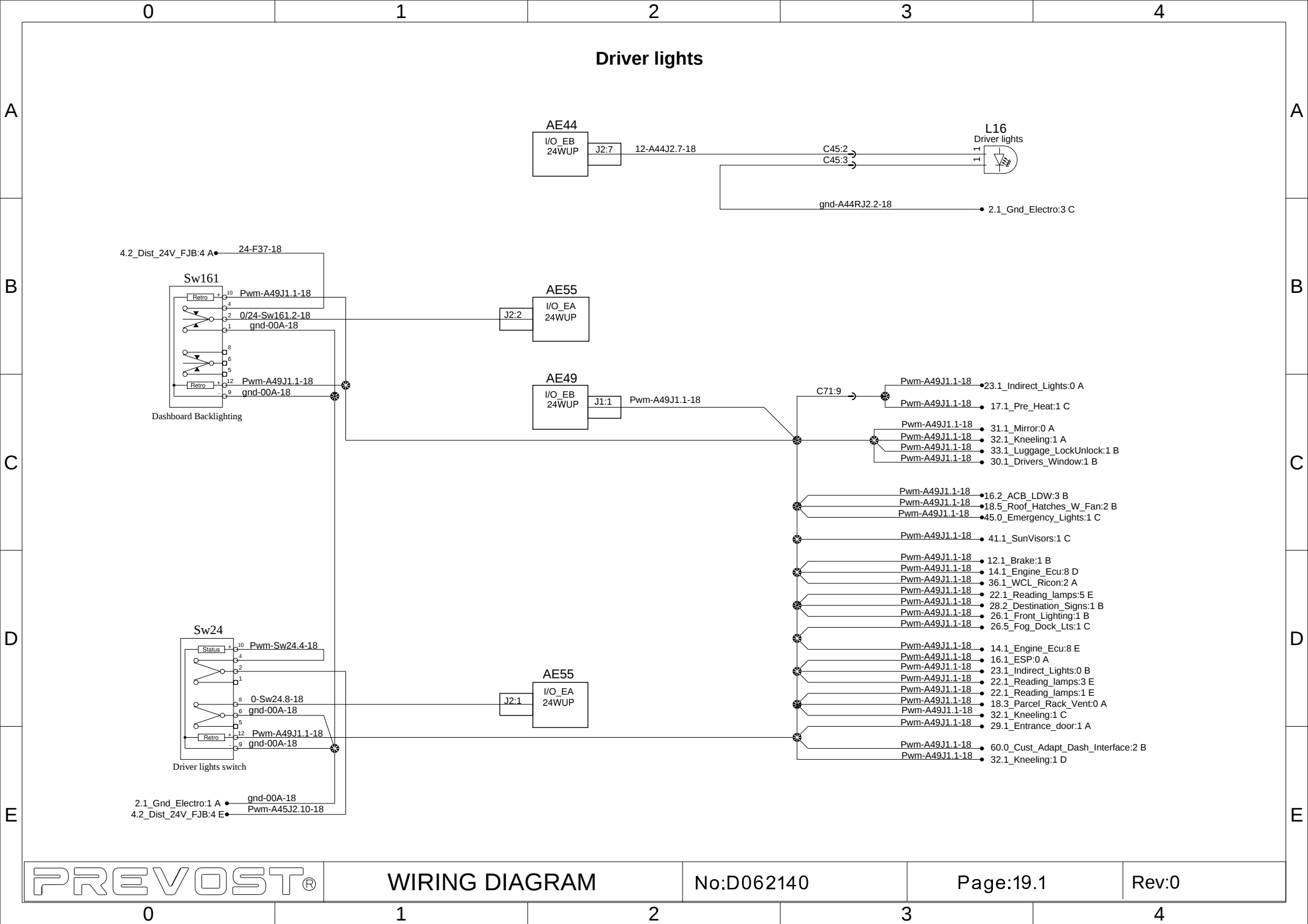


# Parcel rack A/C system

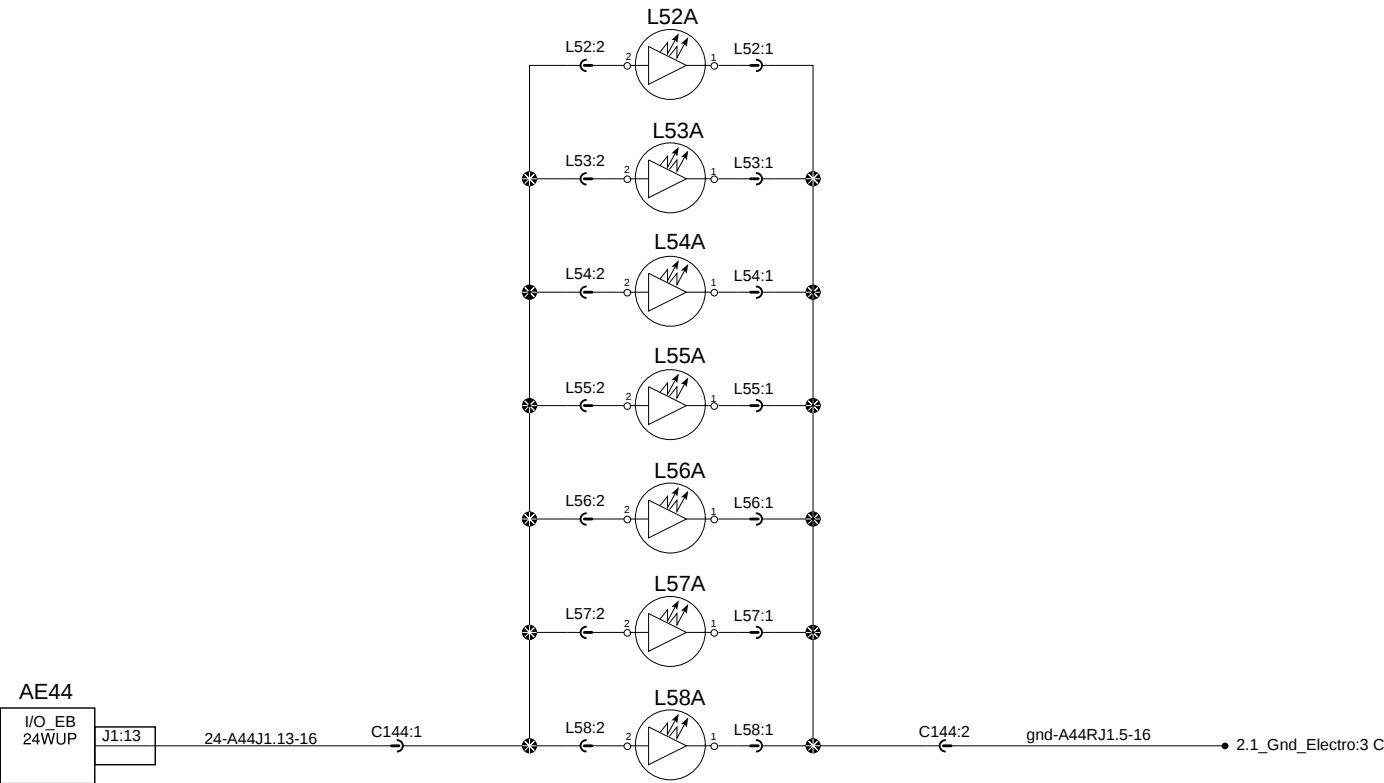


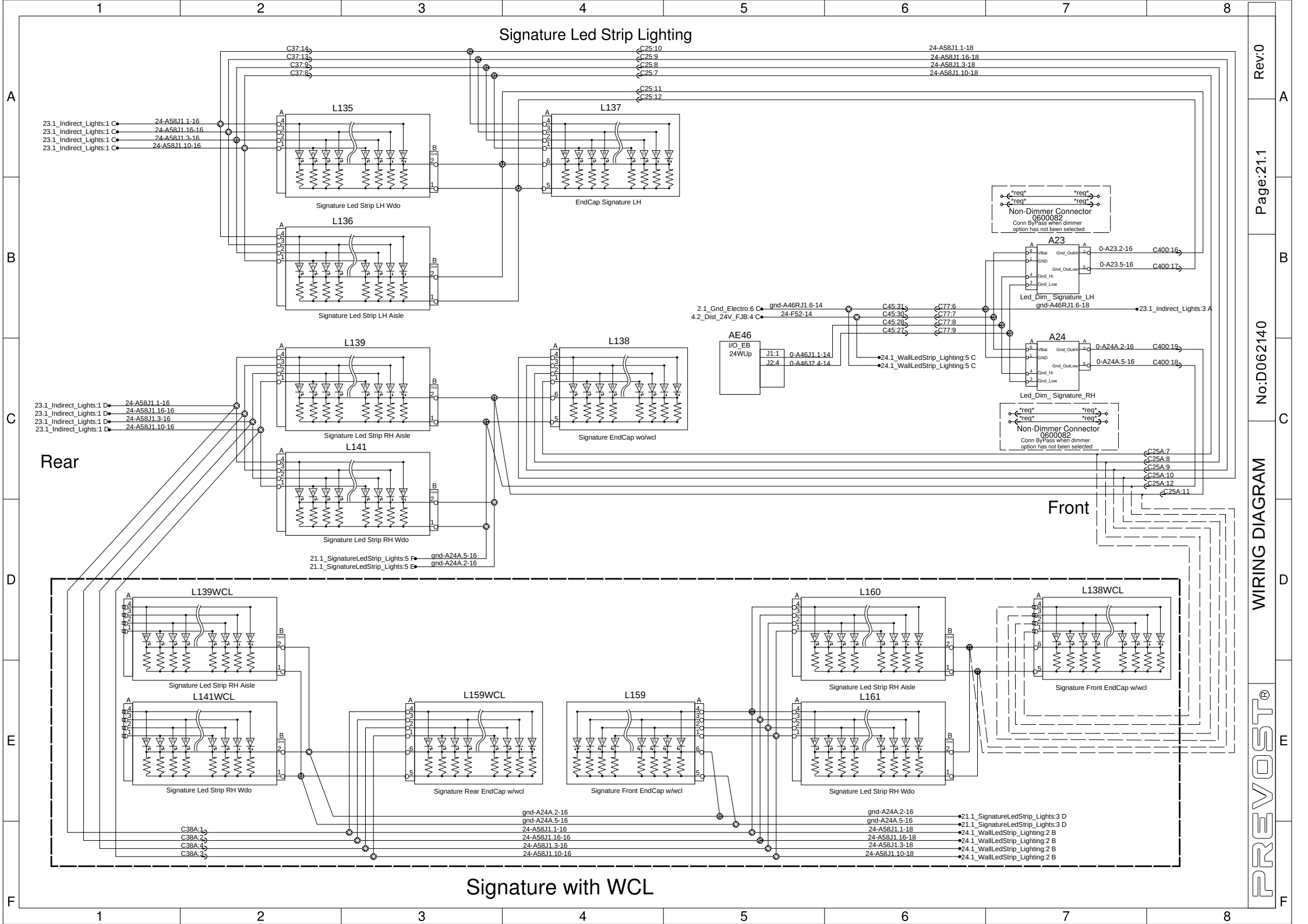
**A**

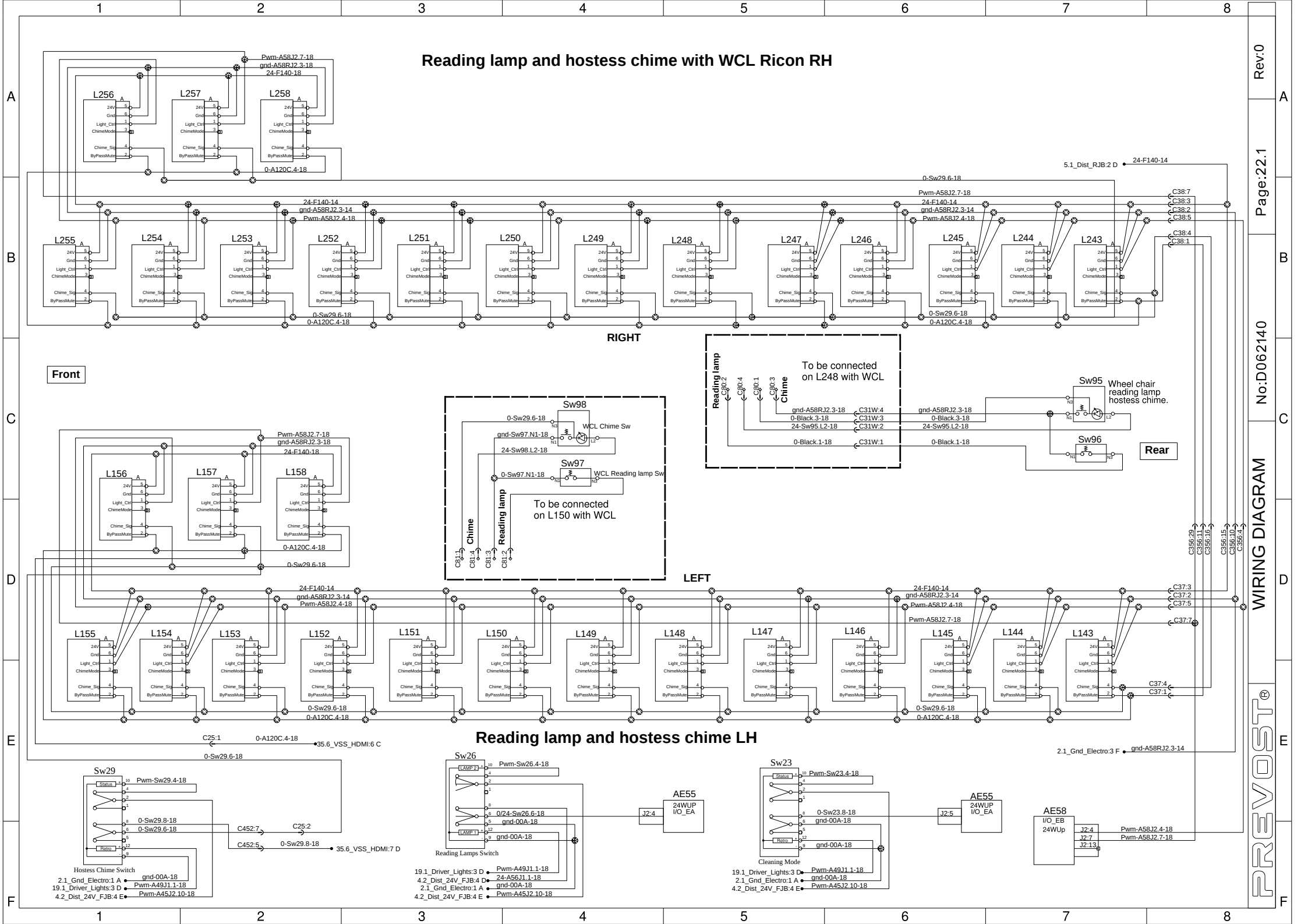


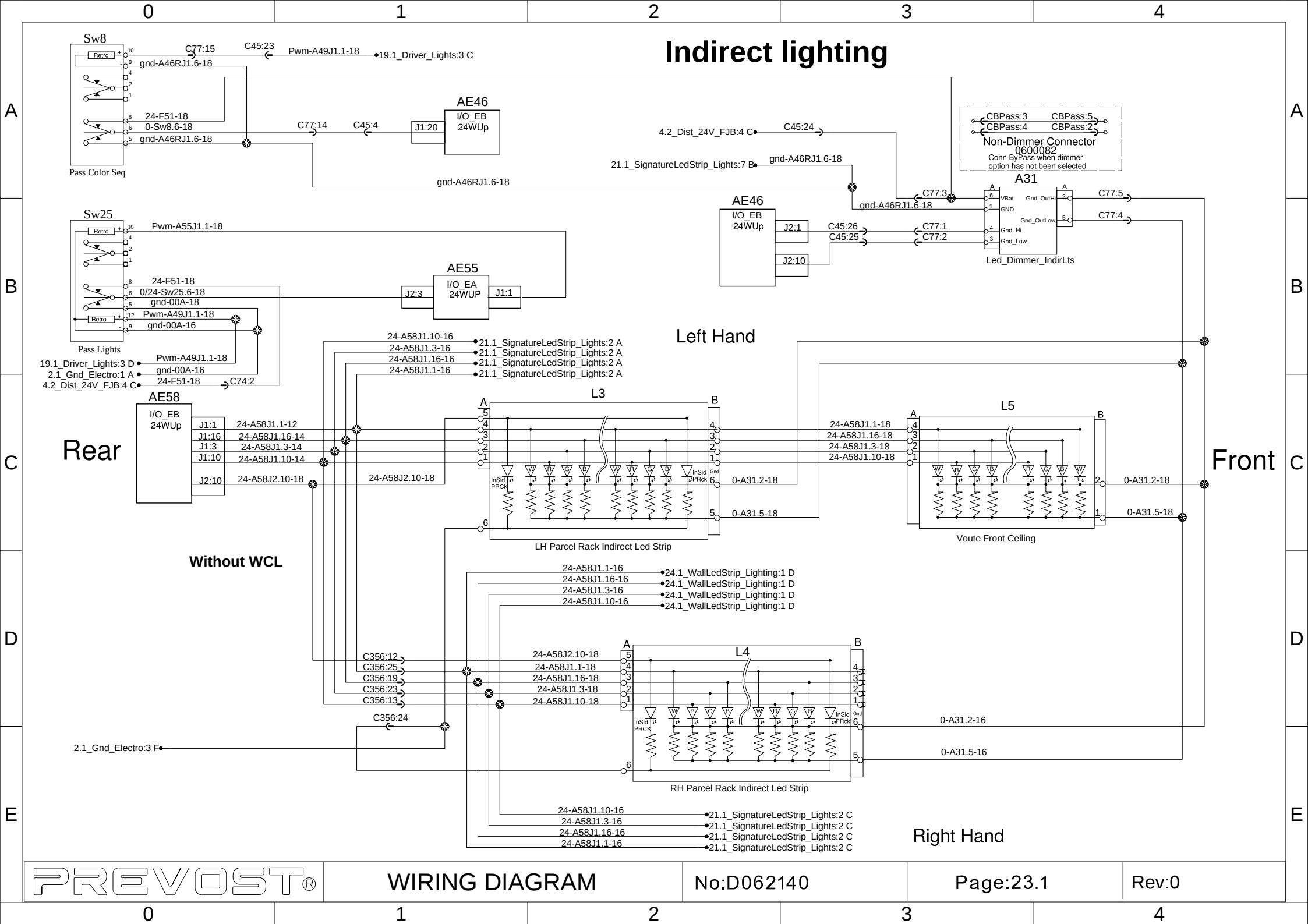


Aisle lights

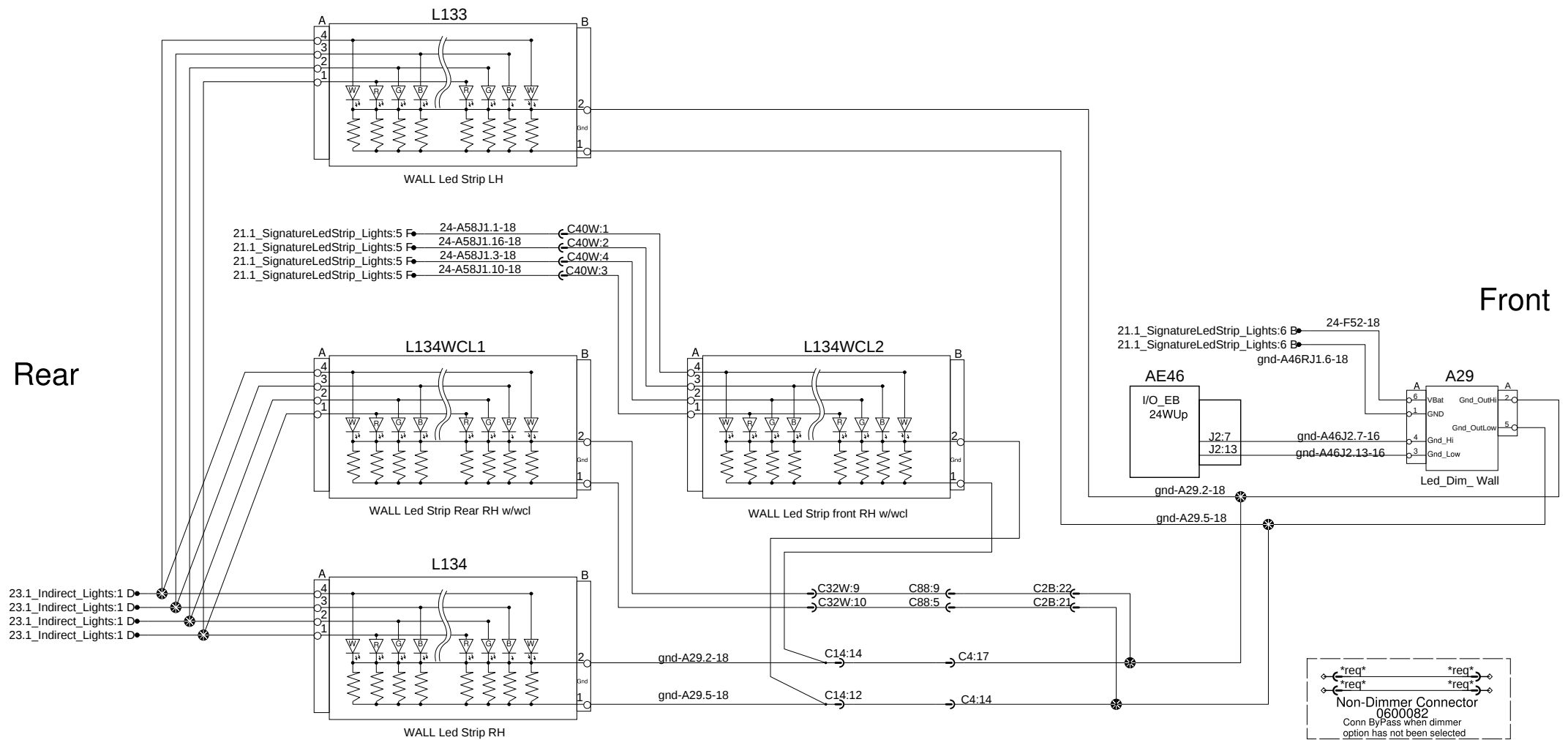






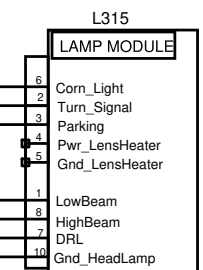
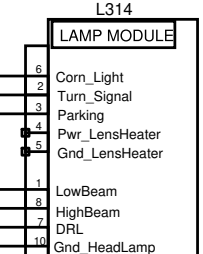
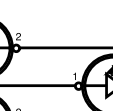
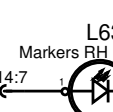
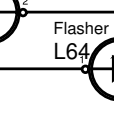
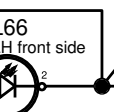
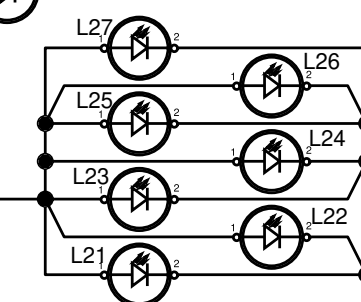
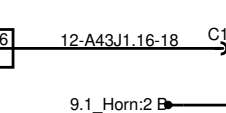
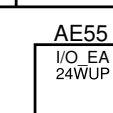
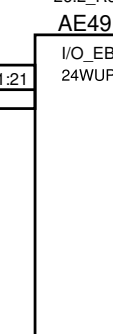
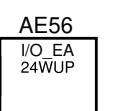
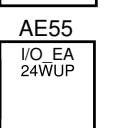
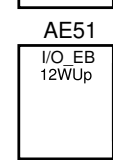
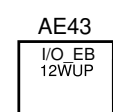
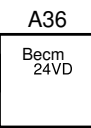
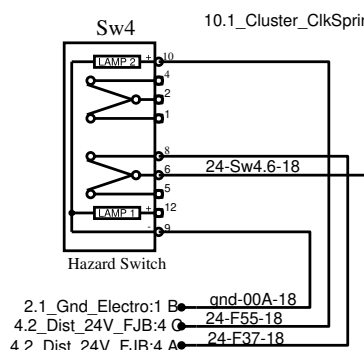
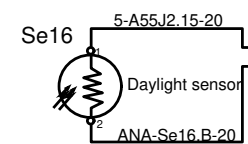
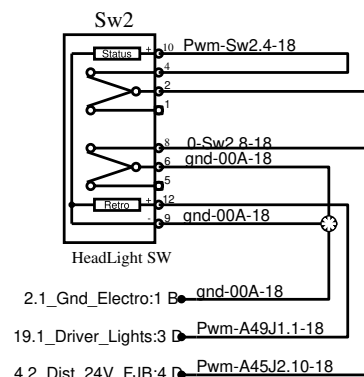


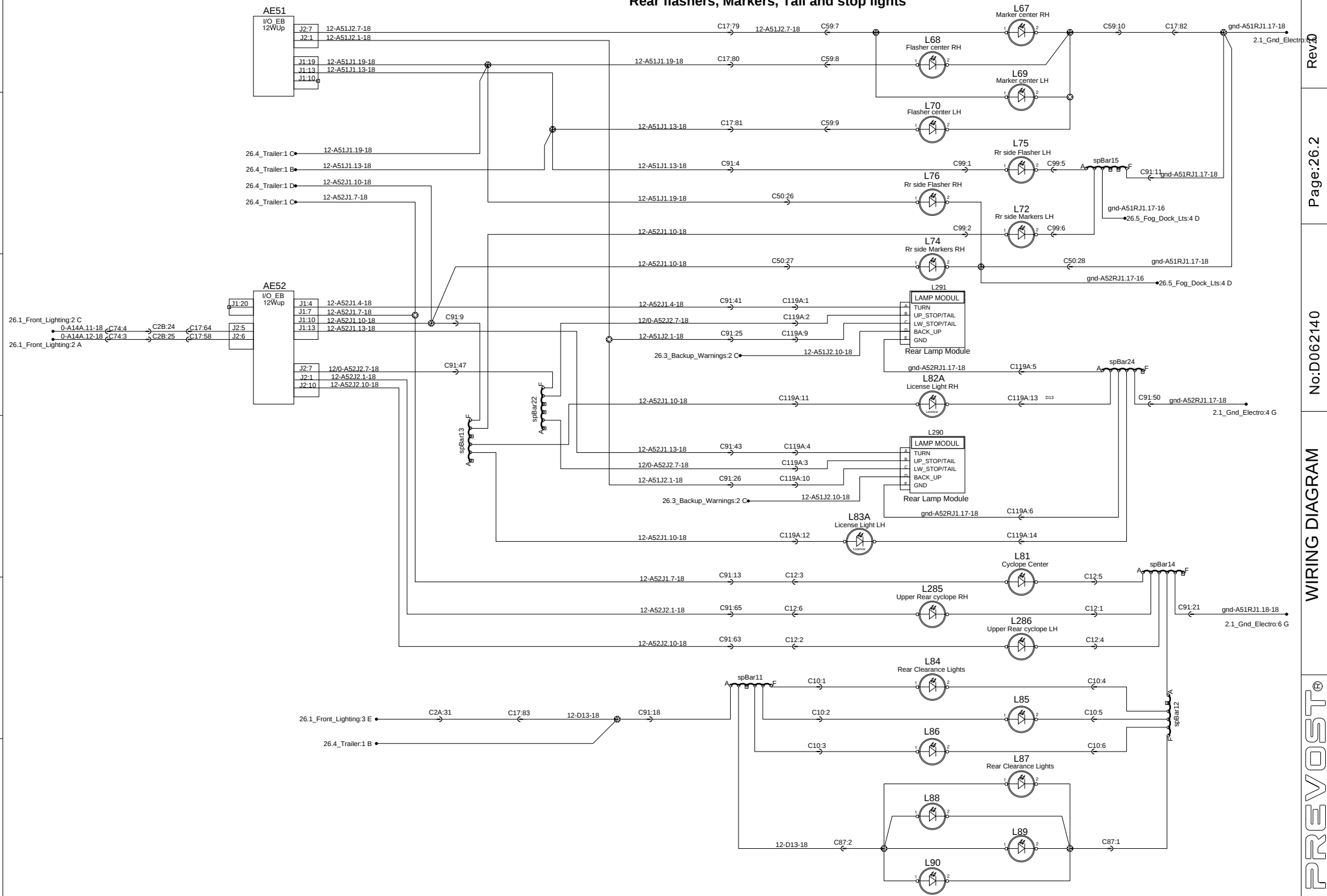
# Wall Led Strips



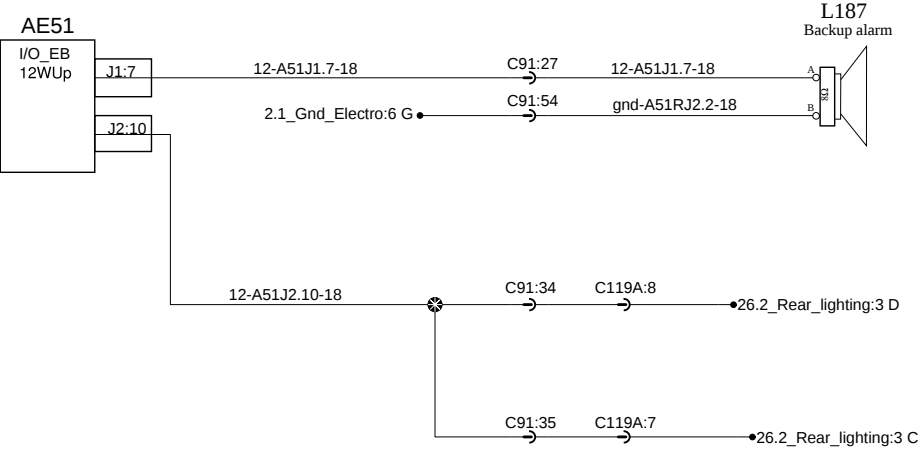


# Cornering, Front flashers, Markers, Clearance and Head lights



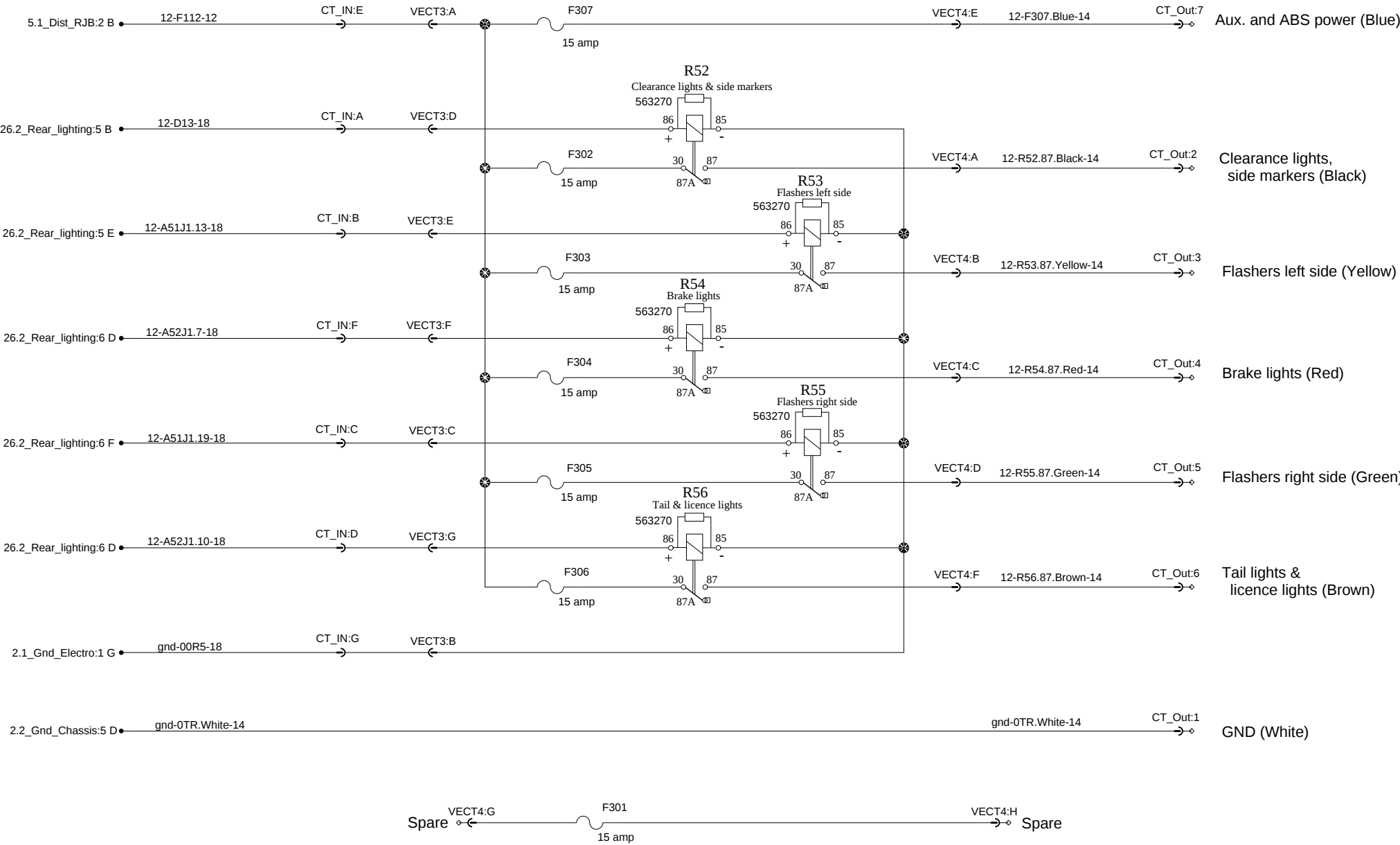


Backup warnings

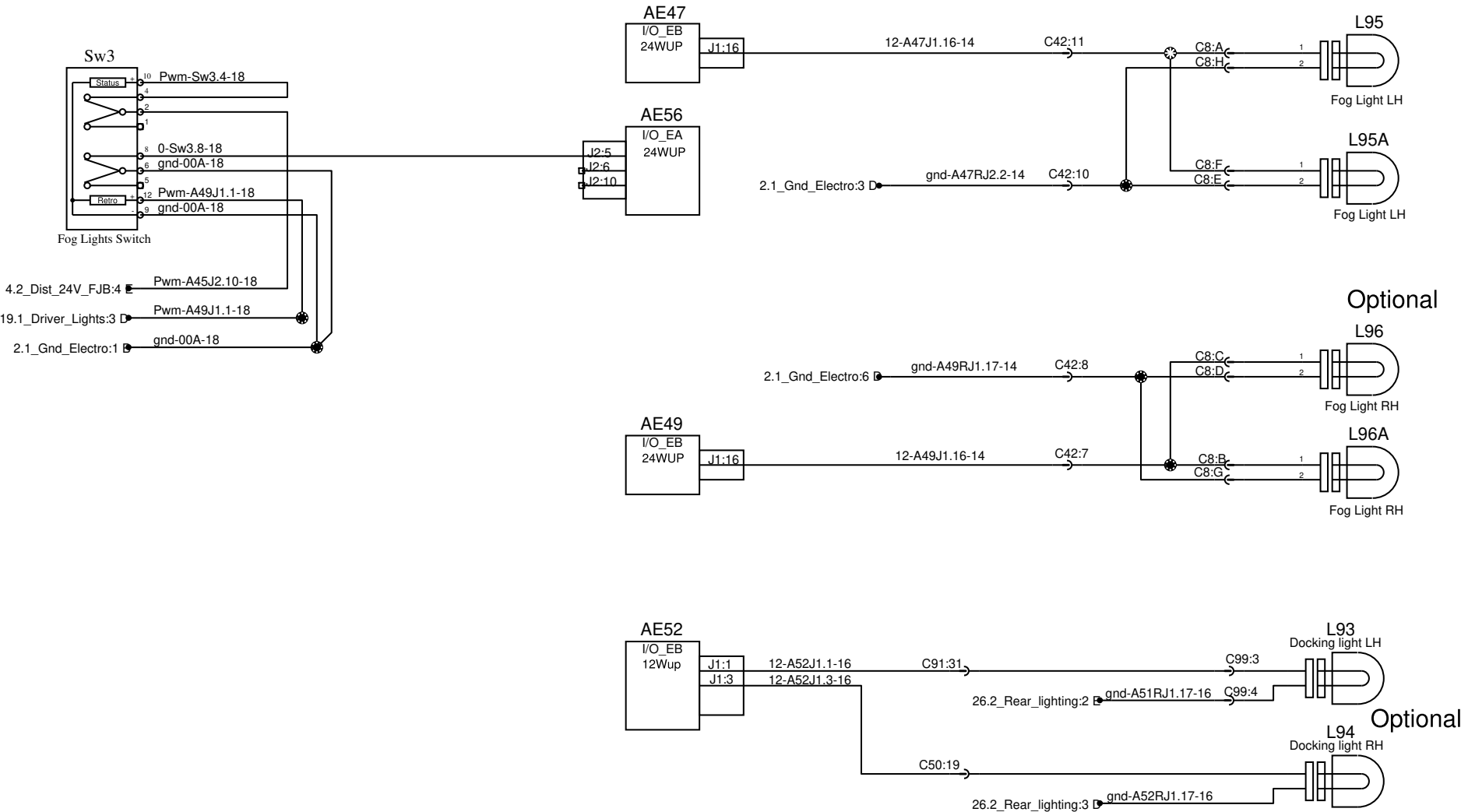


Trailer interface

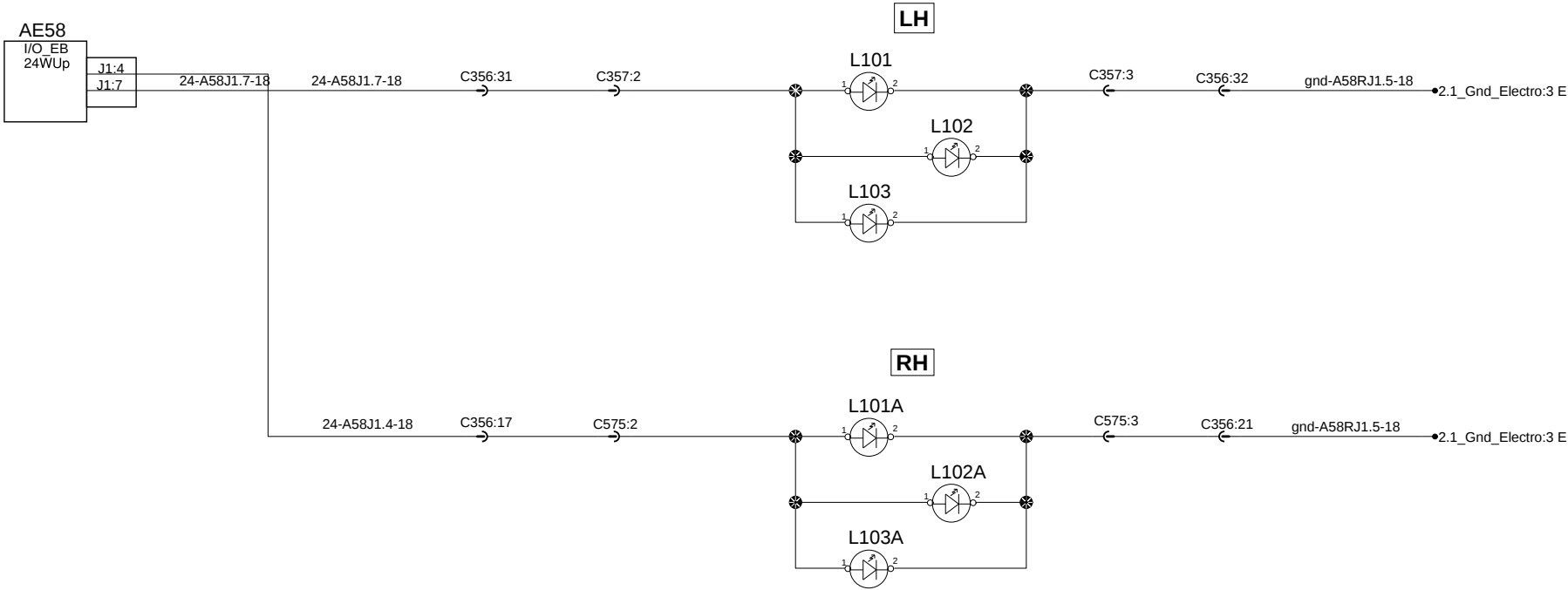
SAE J560 Standard  
Trailer socket

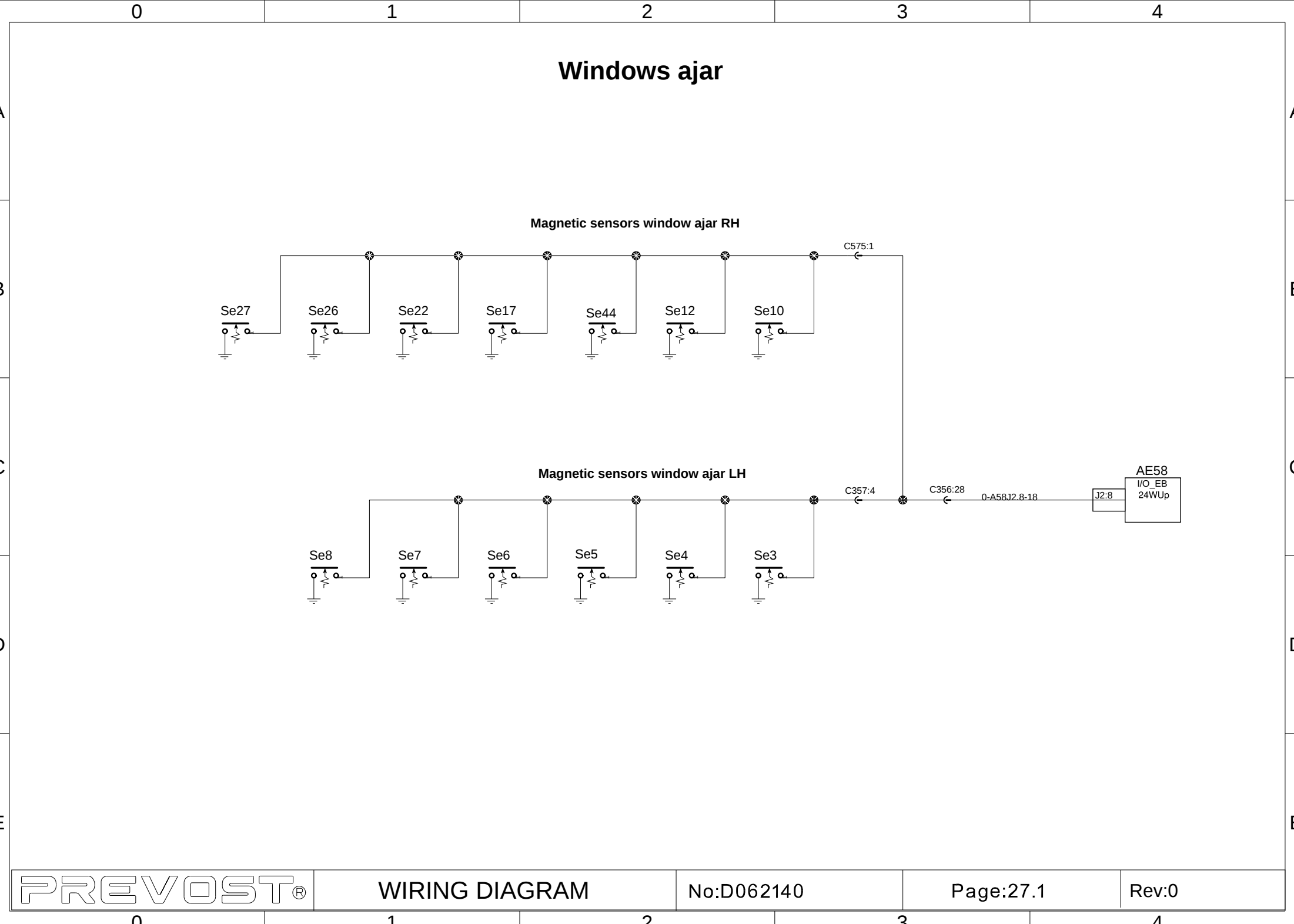


Docking and Fog lights (Option)



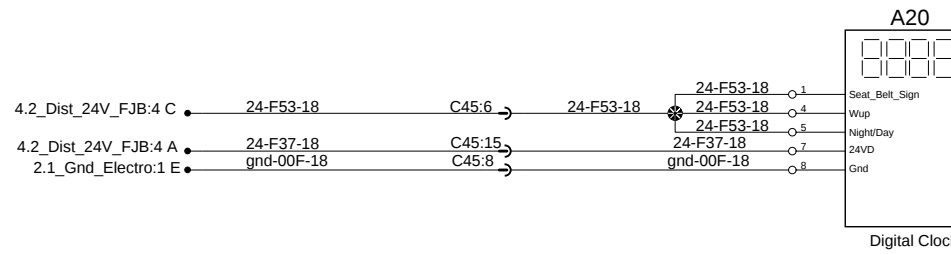
Curb lights on both side of the coach



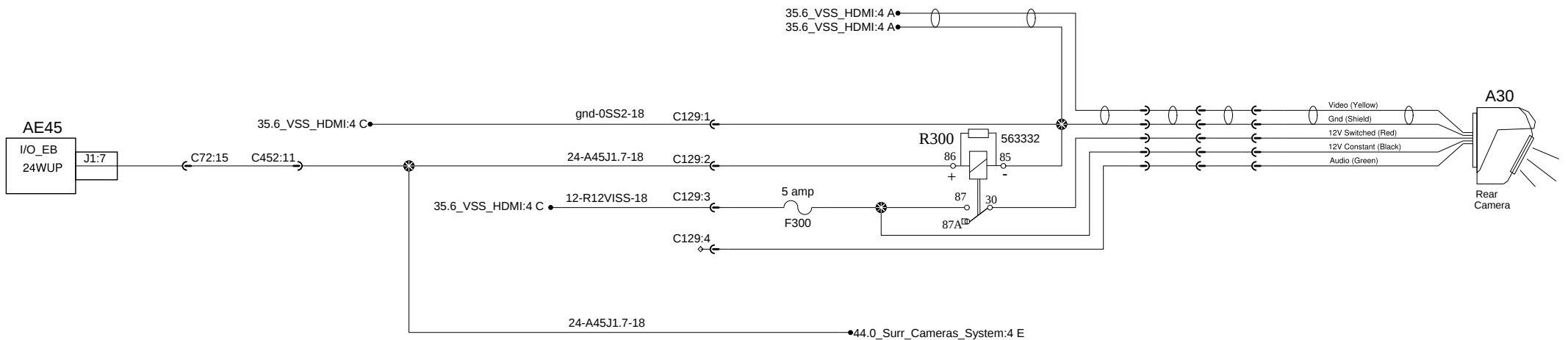


## Digital clock & Back-up Camera

### 12 or 24 hours digital clock



### Back-up camera



# Electronic destination signs

A

B

C

D

E

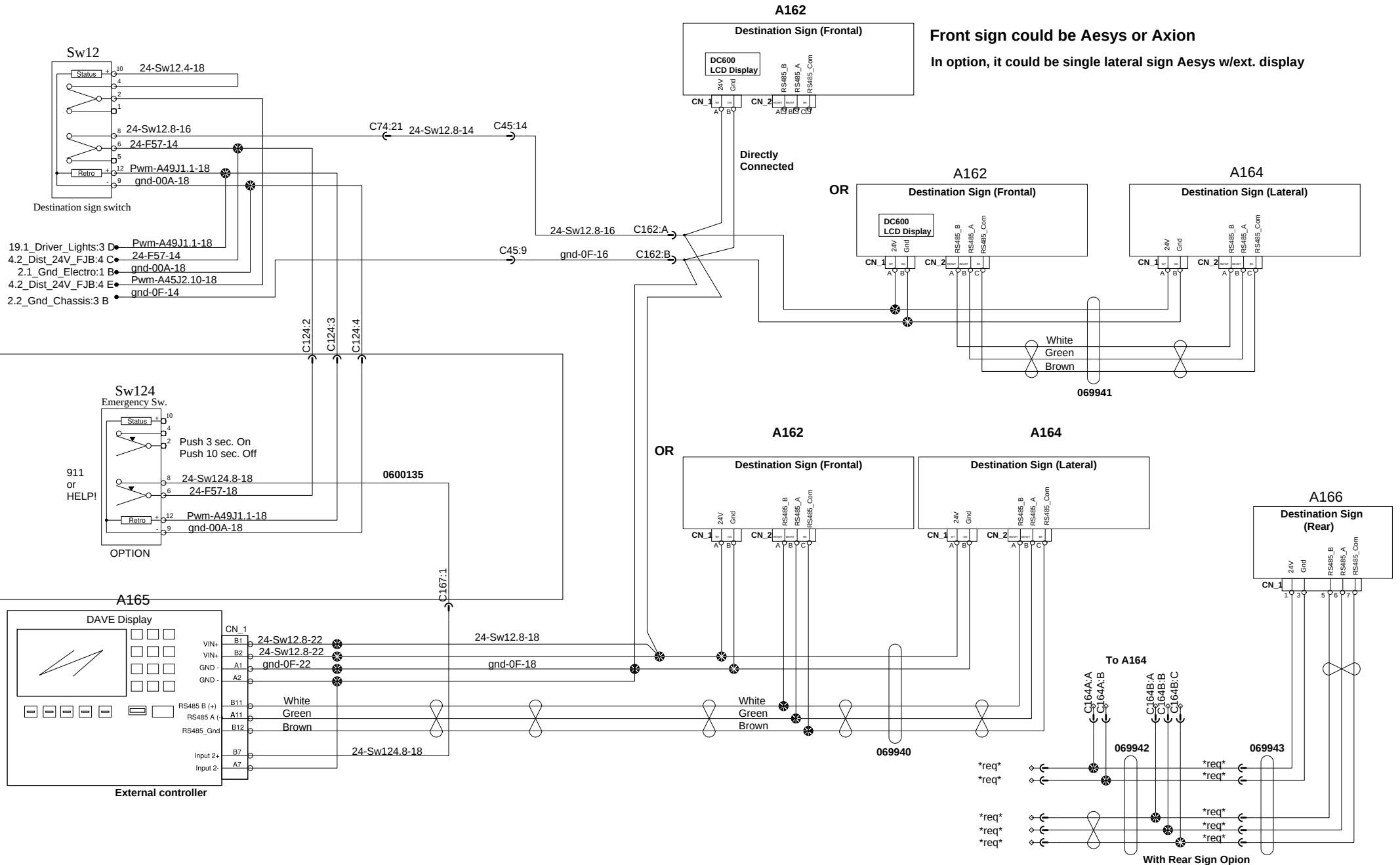
A

B

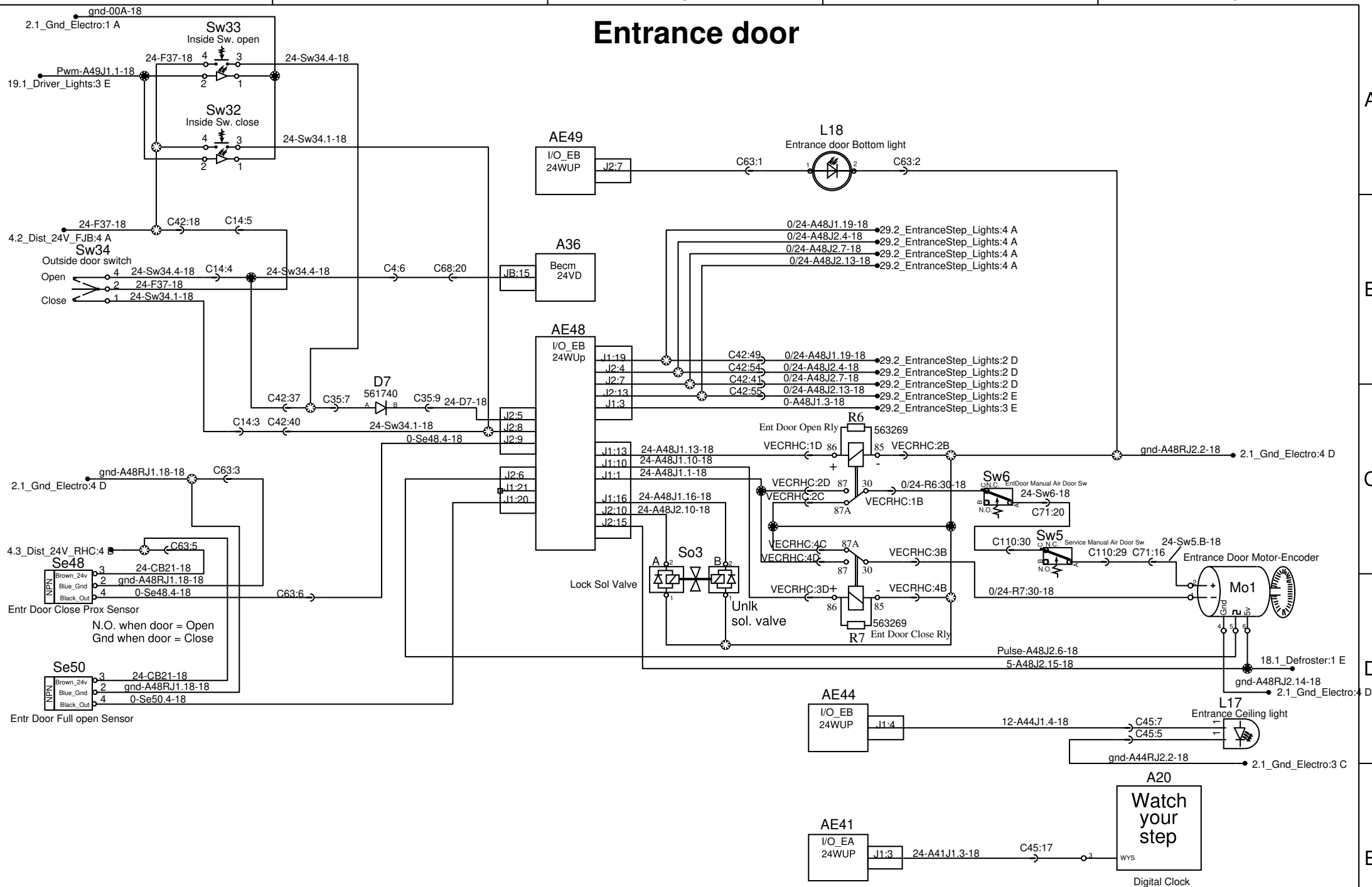
C

D

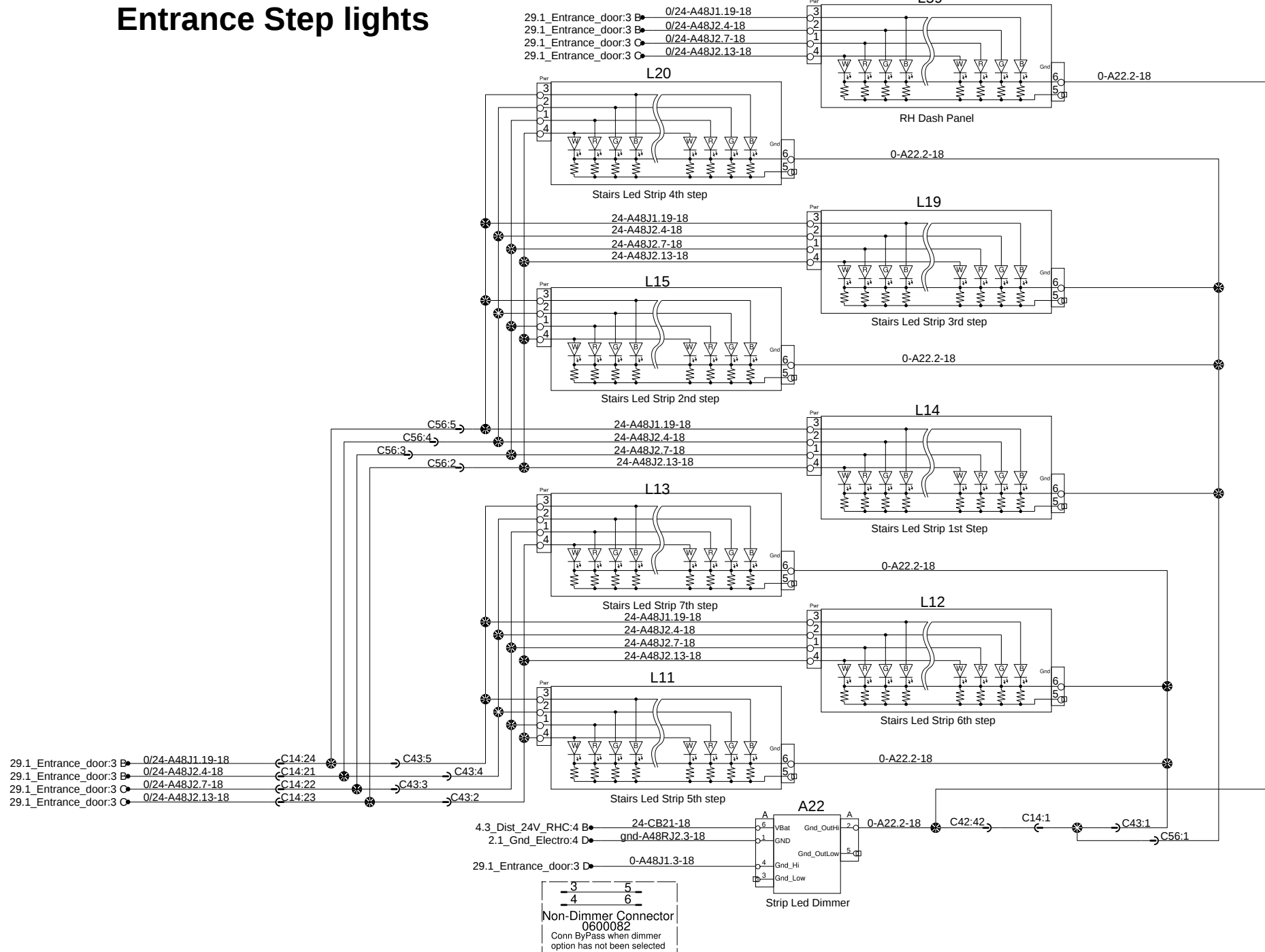
E



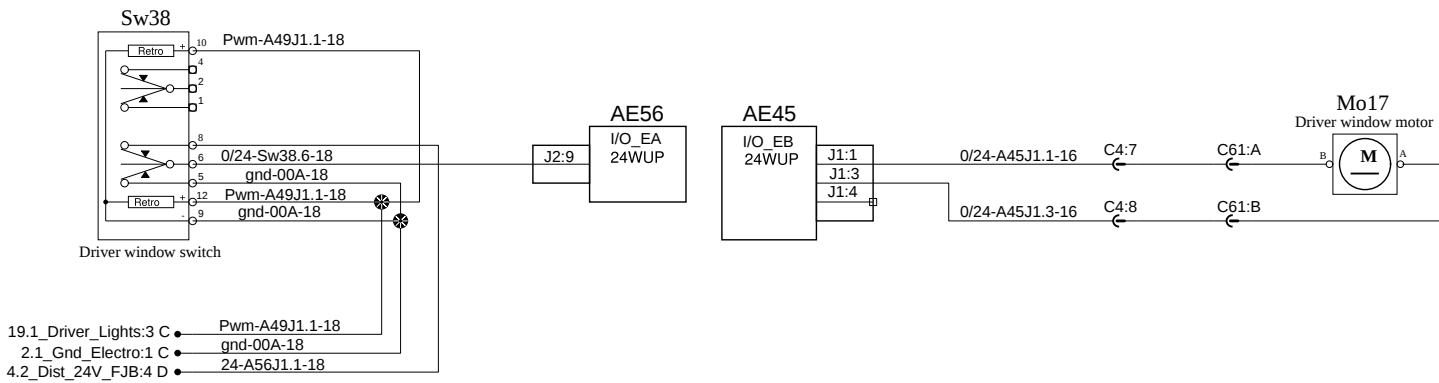
# Entrance door



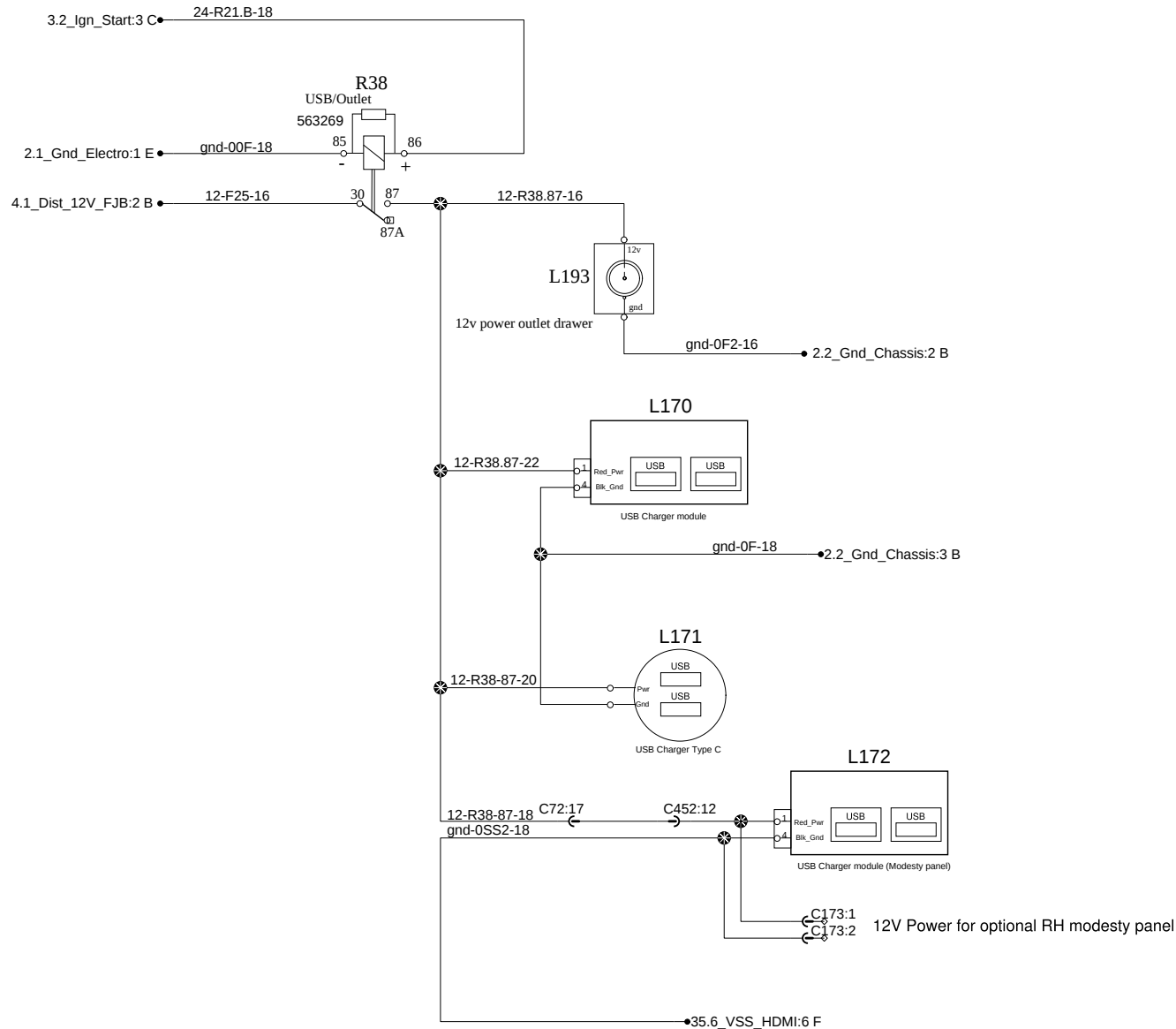
# Entrance Step lights



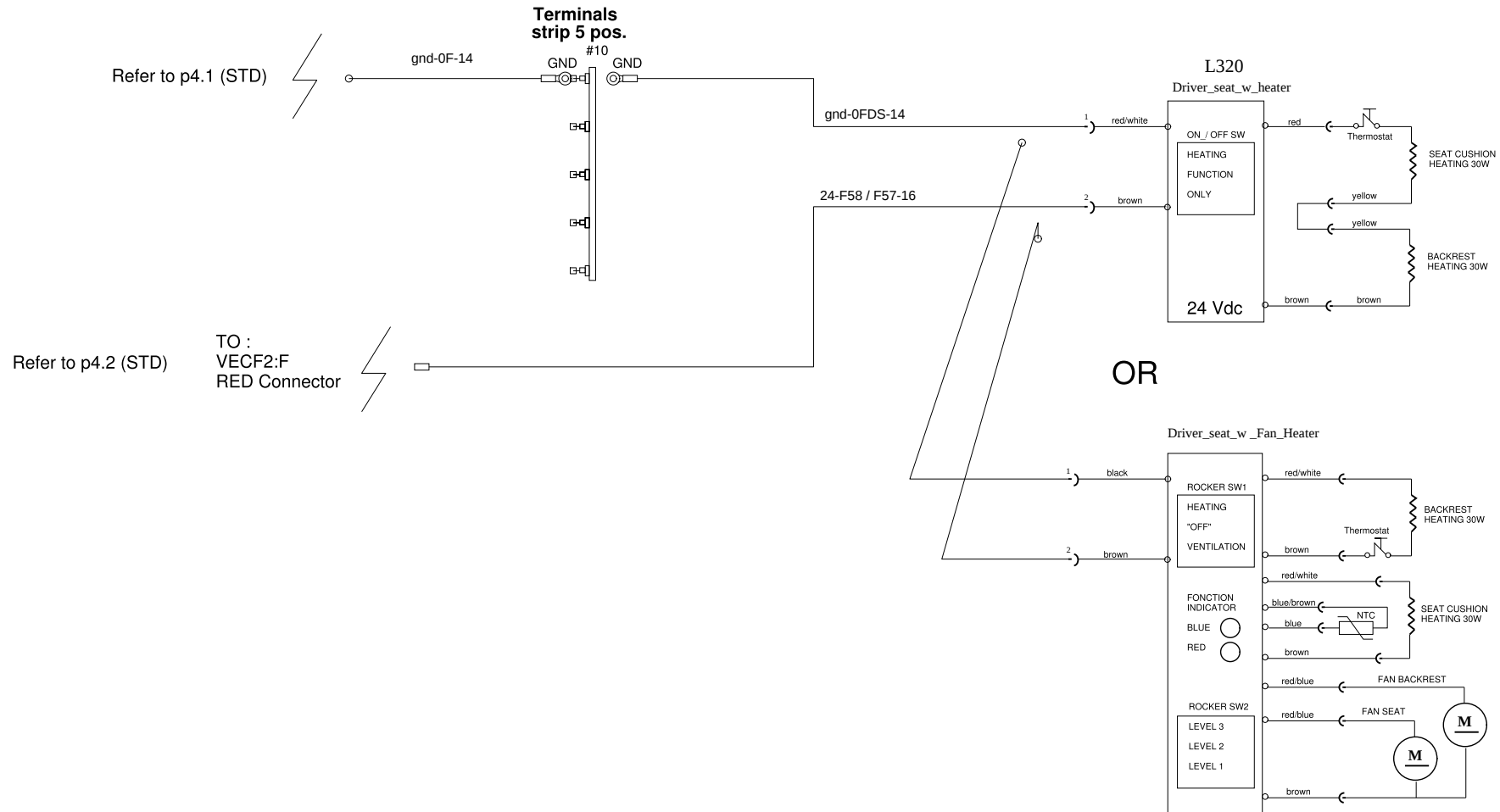
Driver Window



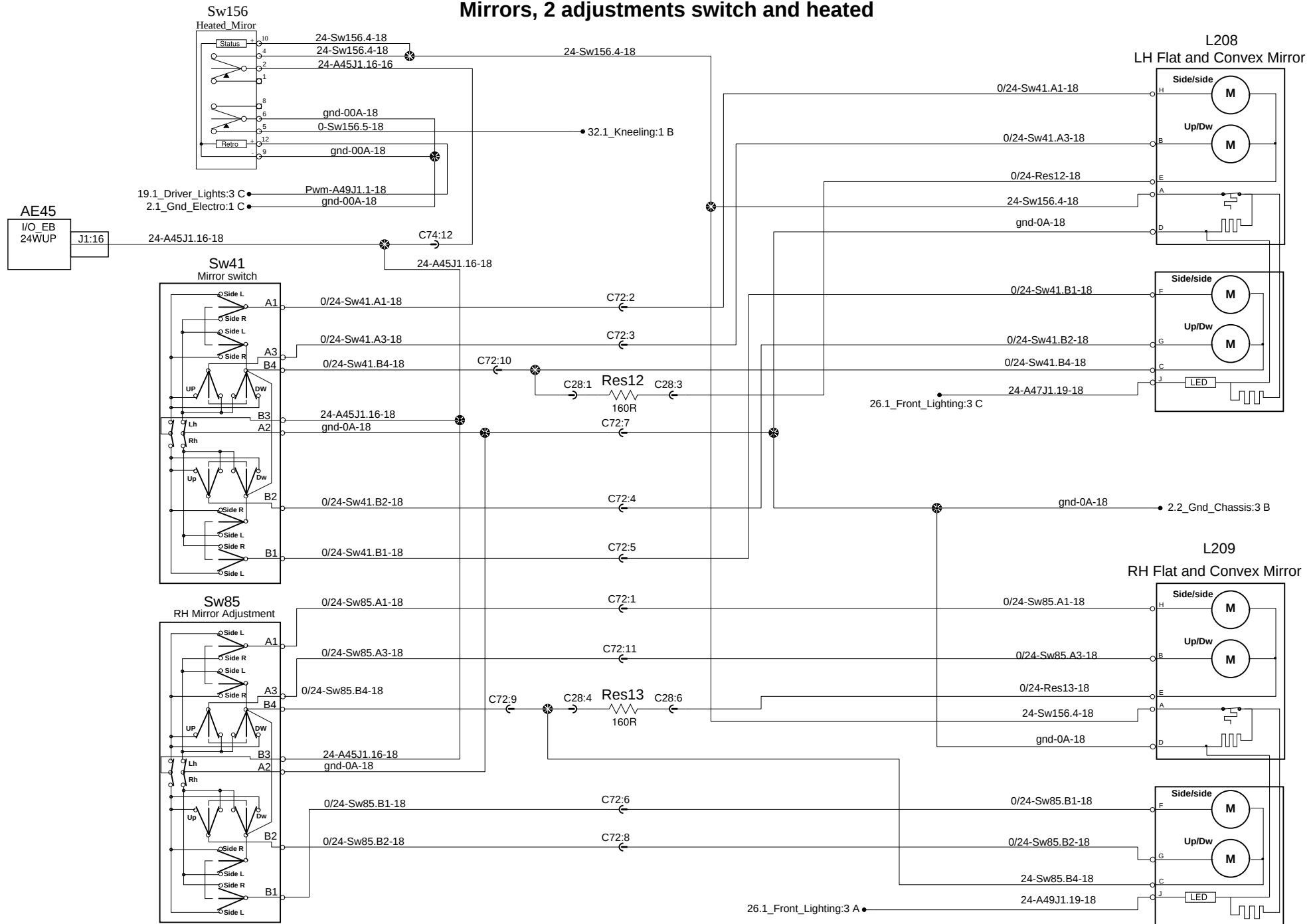
# 12V Outlets and USB Charger



# Driver seat with heating function

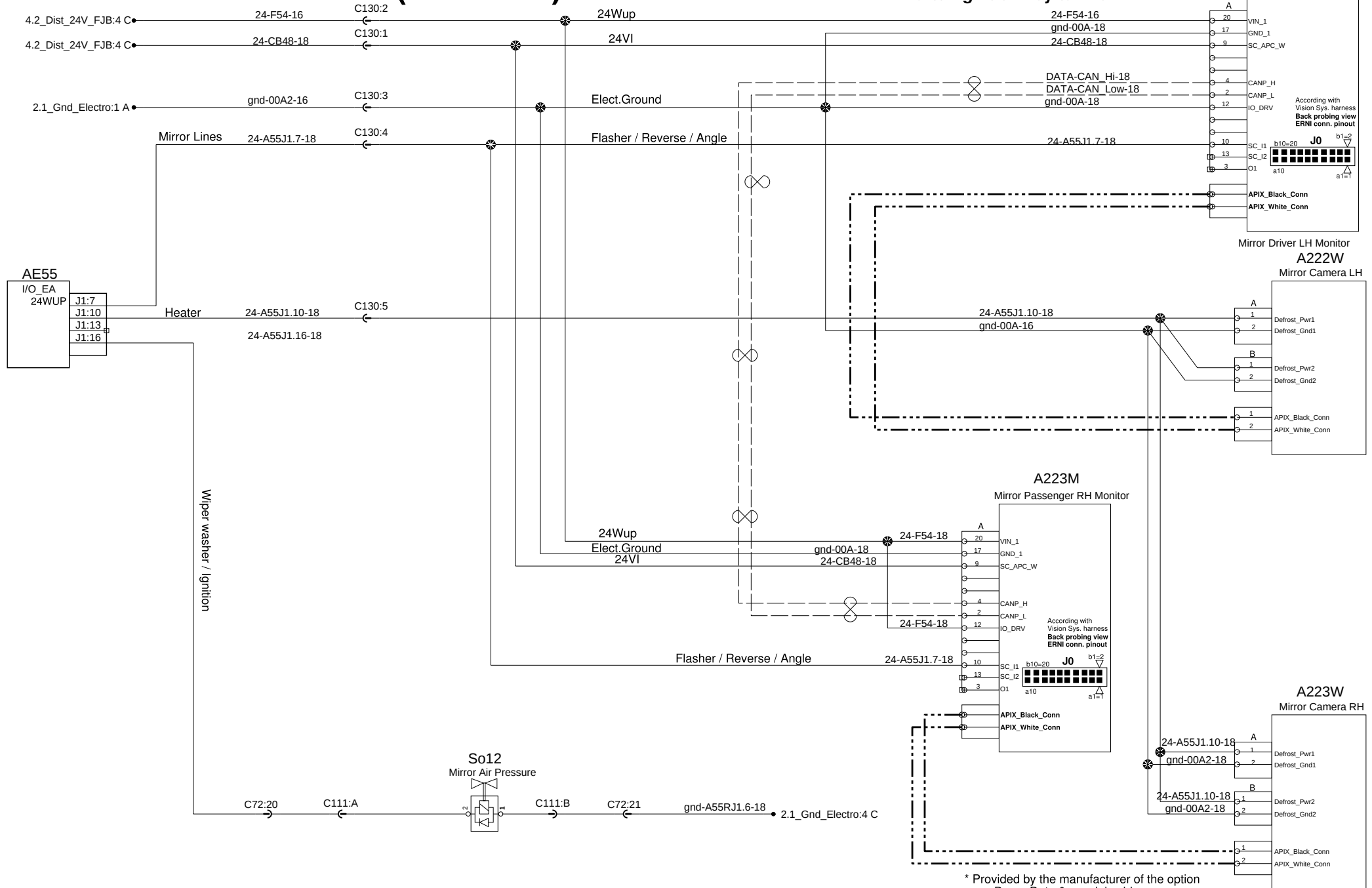


# Mirrors, 2 adjustments switch and heated



# Electronic Mirrors (eMirrors)

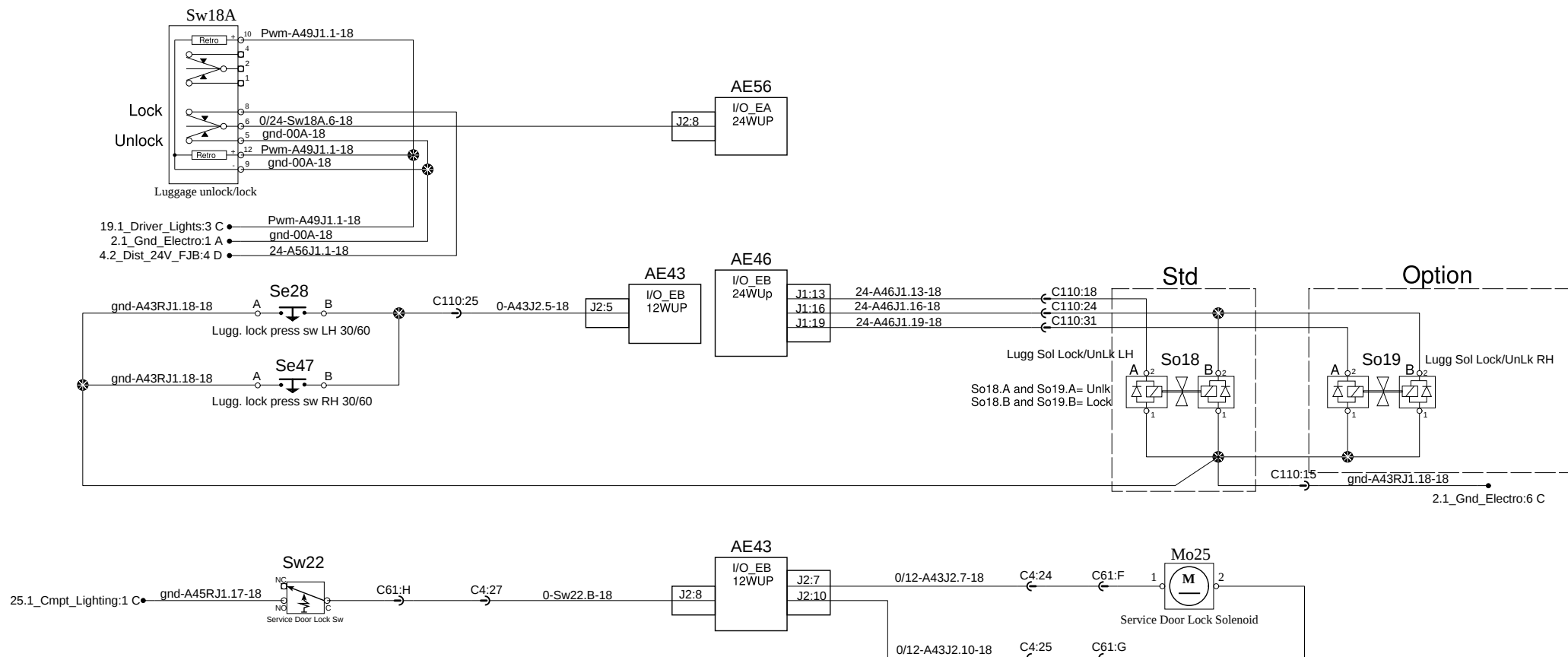
Info: Mirrors remains ON about 2 minutes  
after Ignition key turn OFF



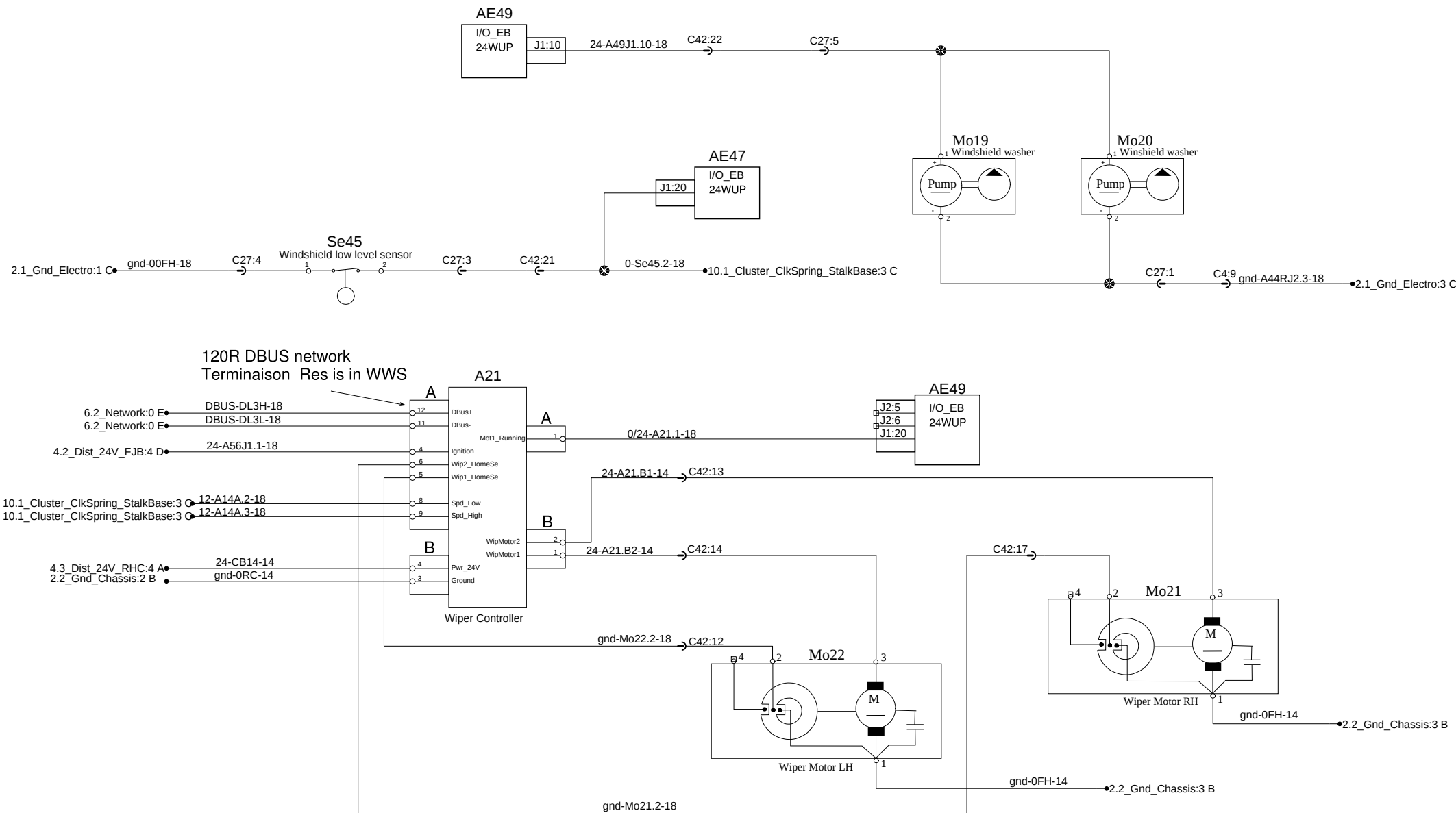
\* Provided by the manufacturer of the option  
Dacar Data & coaxial cables



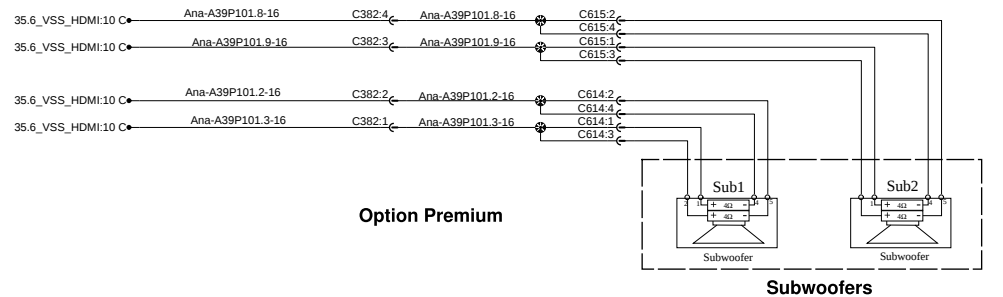
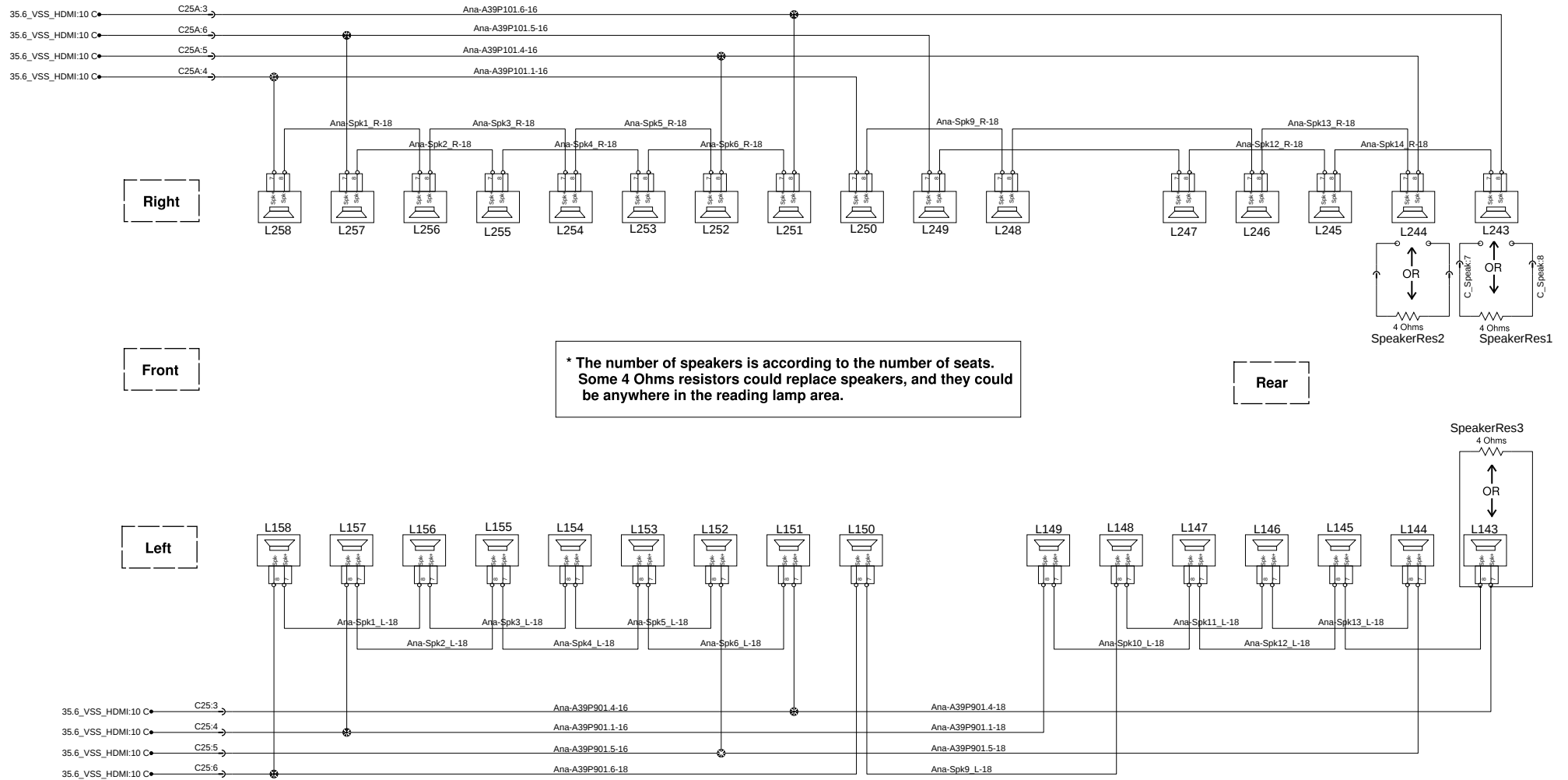
# Luggage door Lock/Unlock



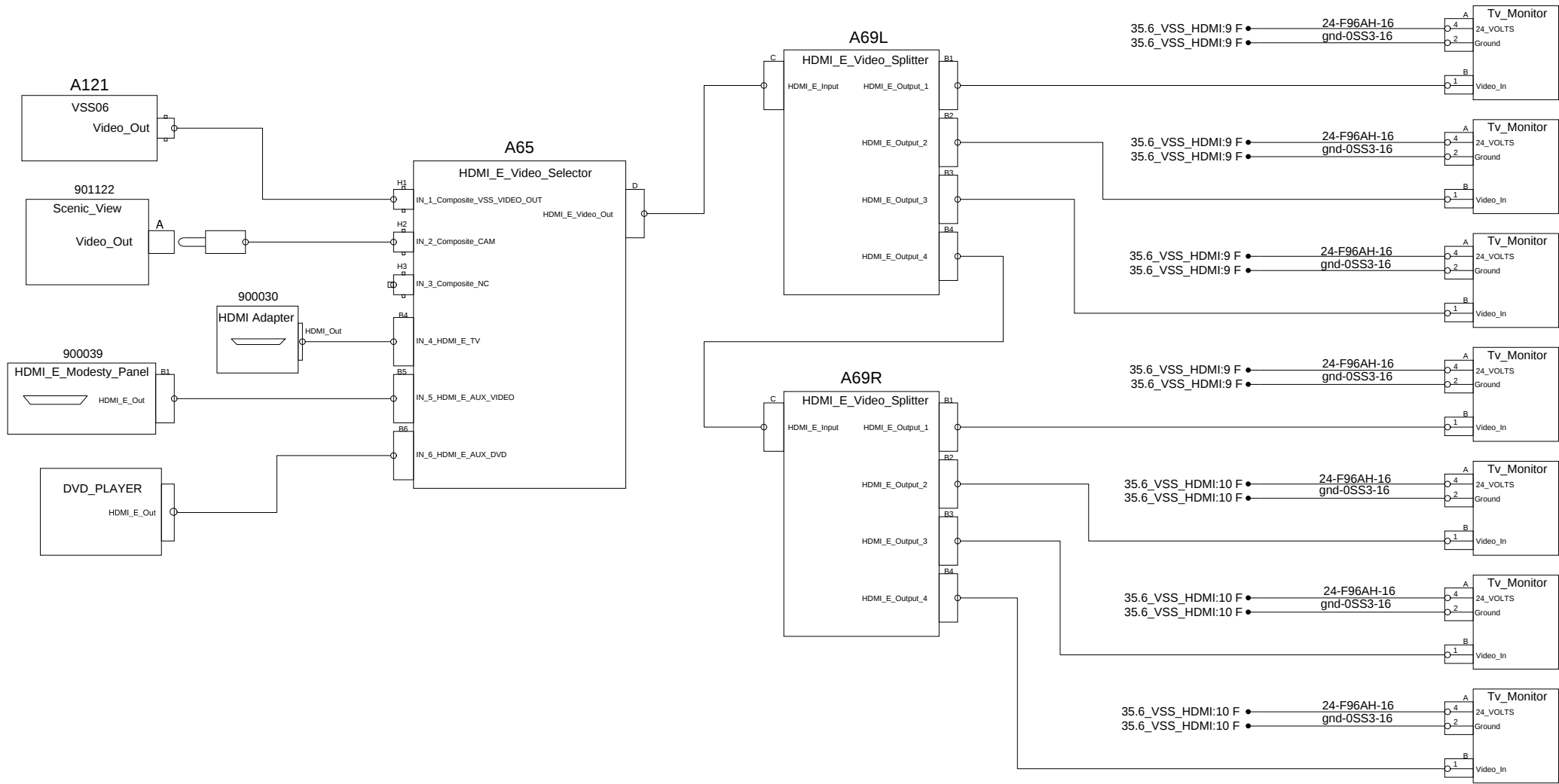
# Wipers and washer



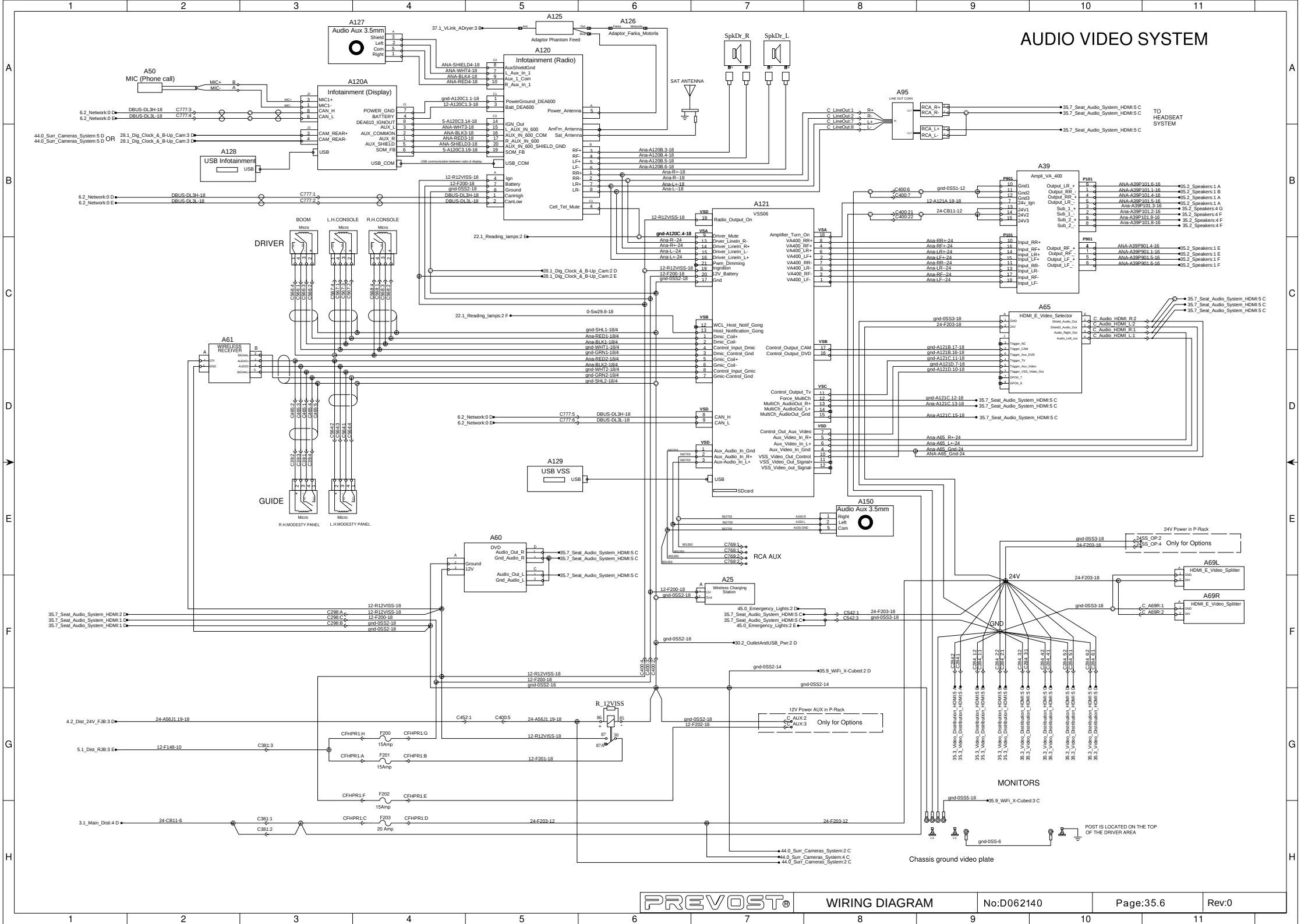
# Speakers arrangement (Delta configuration)



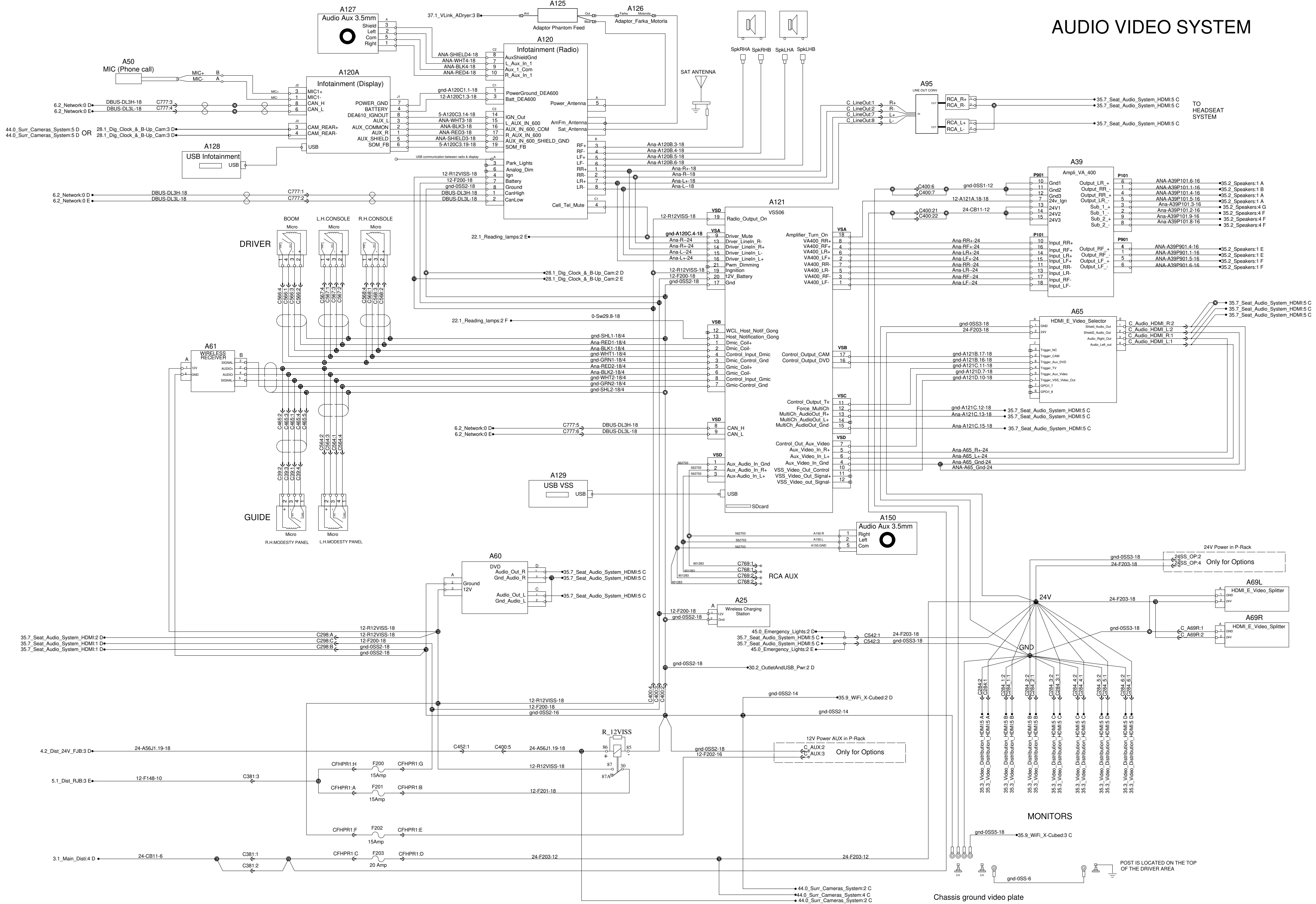
# Video distribution HDMI



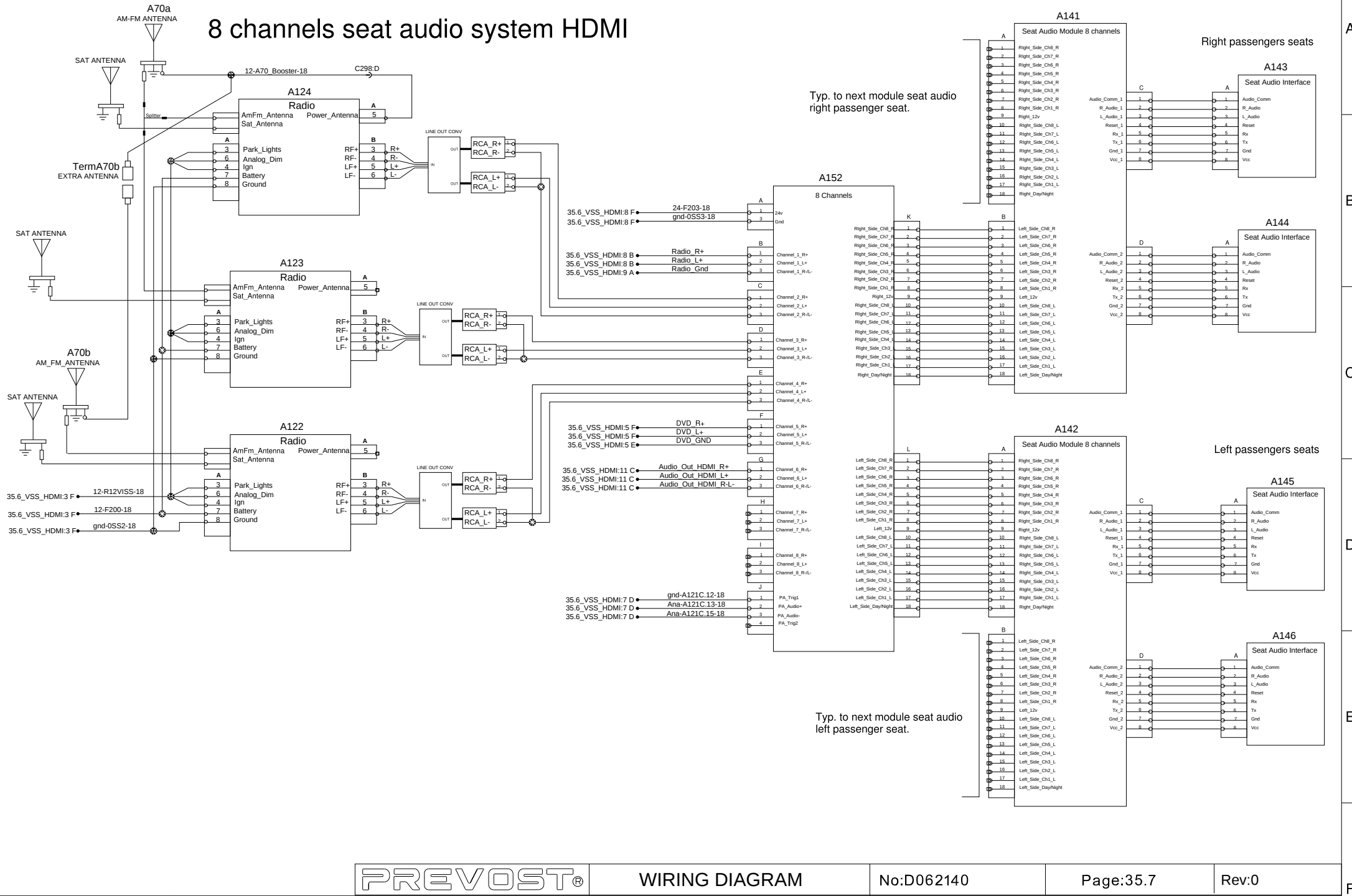
# AUDIO VIDEO SYSTEM



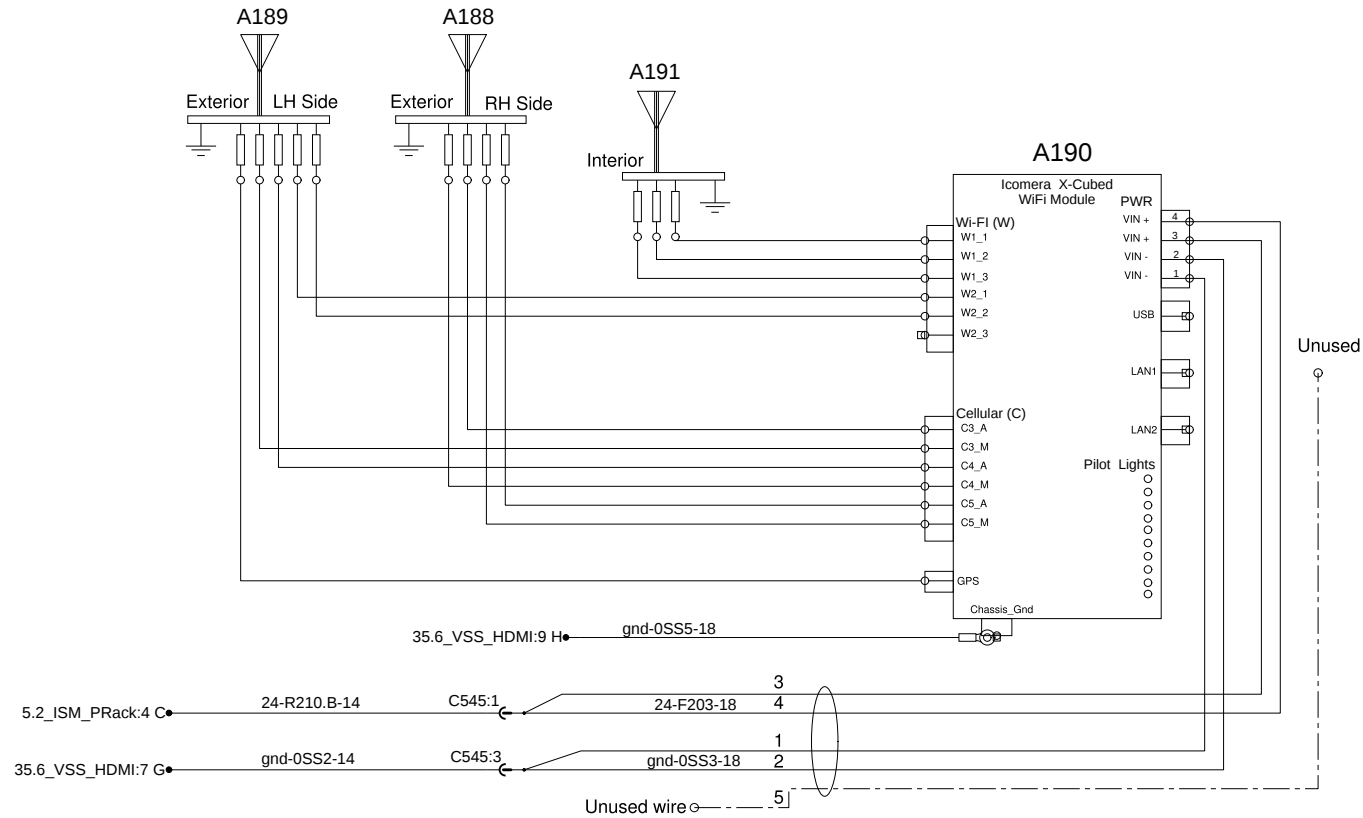
# AUDIO VIDEO SYSTEM



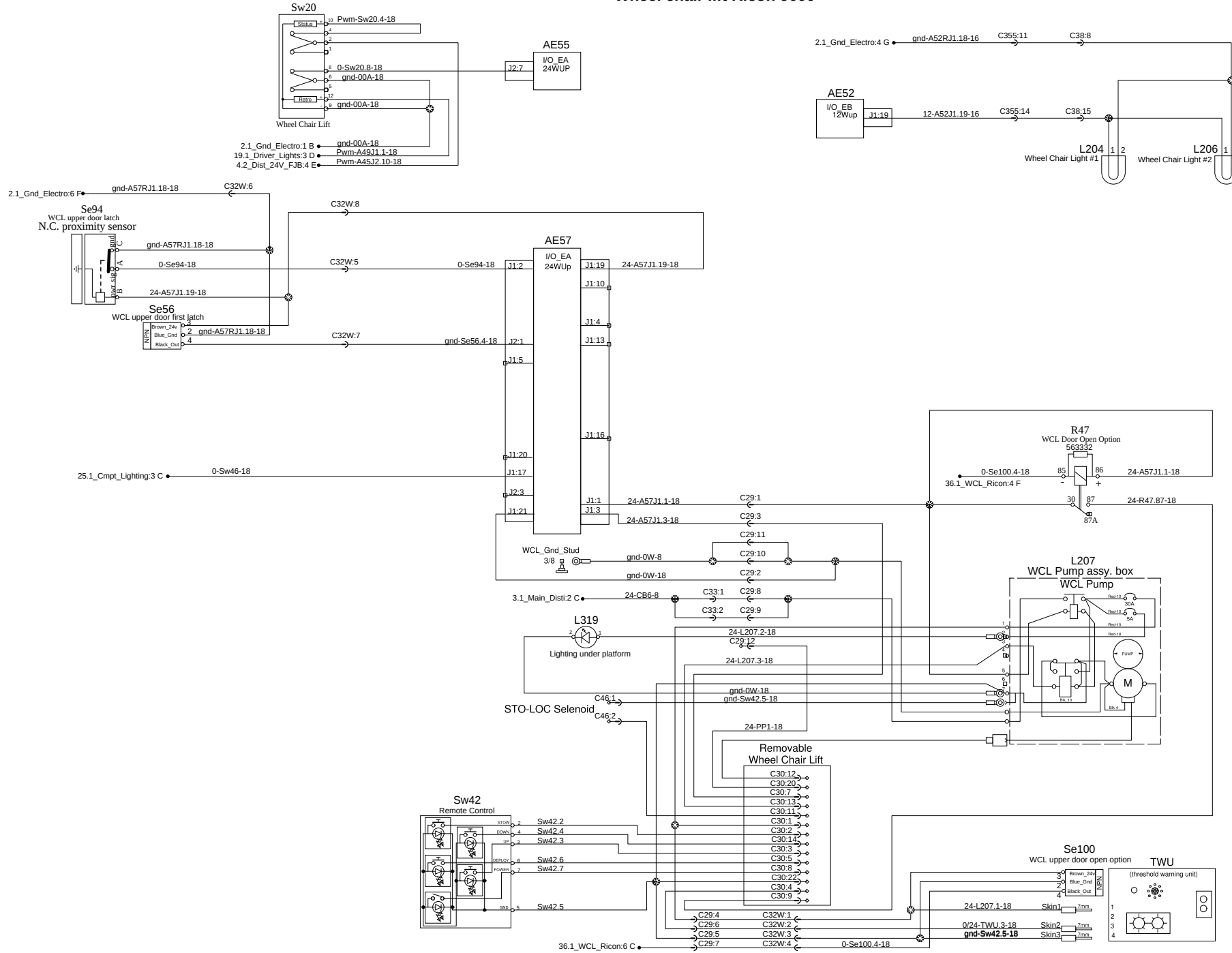
# 8 channels seat audio system HDMI



# WIFI - Wireless System Option

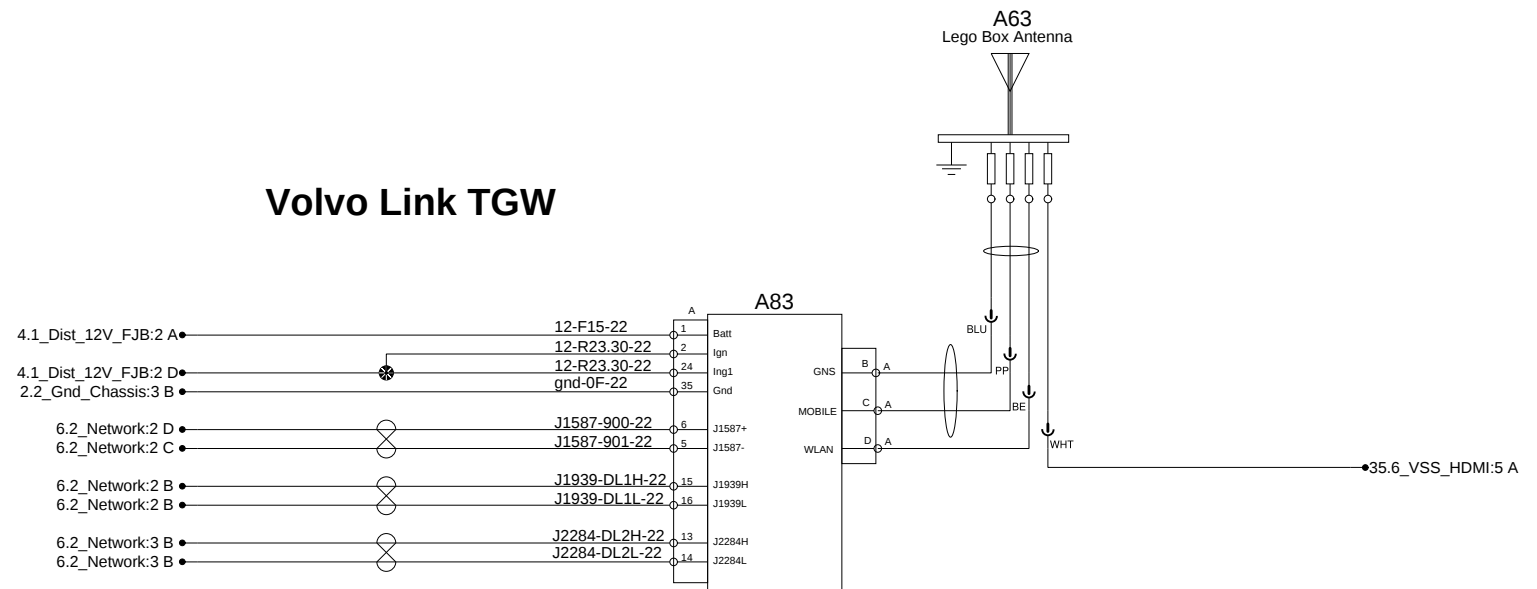


# Wheel chair lift Ricon 9000

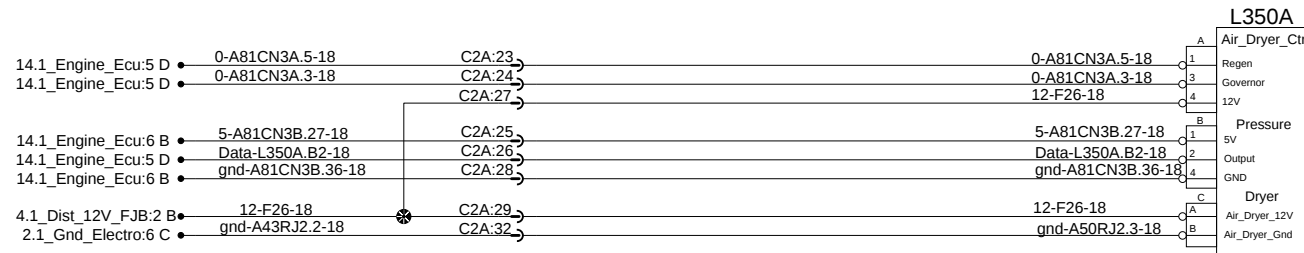


Install jumper between terminal 6 and 7 when optional lighting under platform is required.

## Volvo Link TGW



## Air Dryer Electric Control and Heater



A

B

C

D

E

A

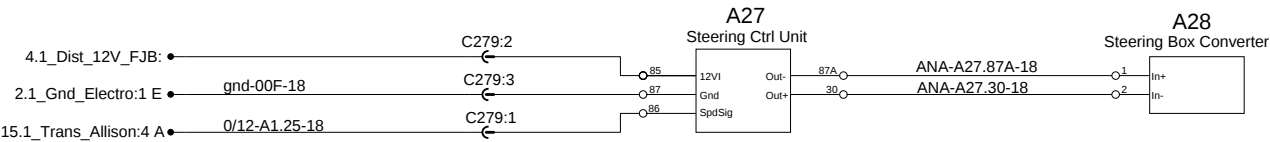
B

C

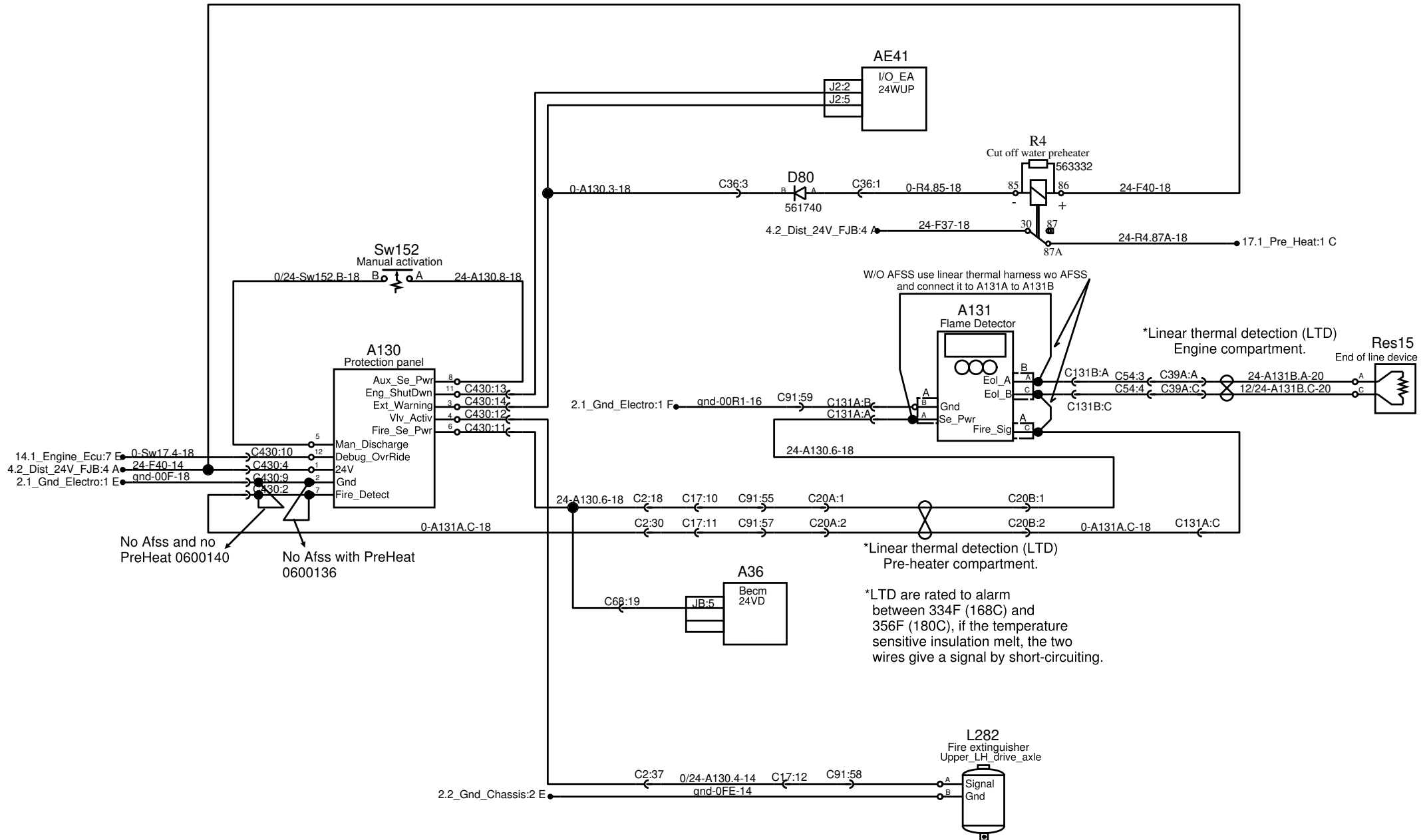
D

E

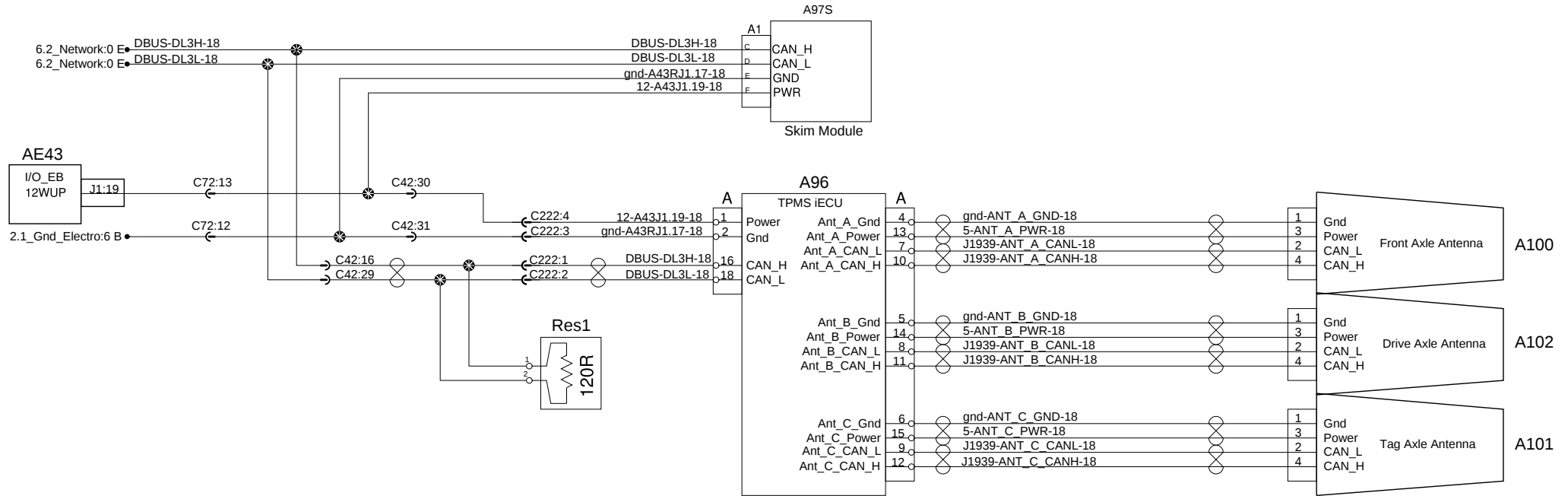
# ZF Steering control



# Automatic fire suppression system



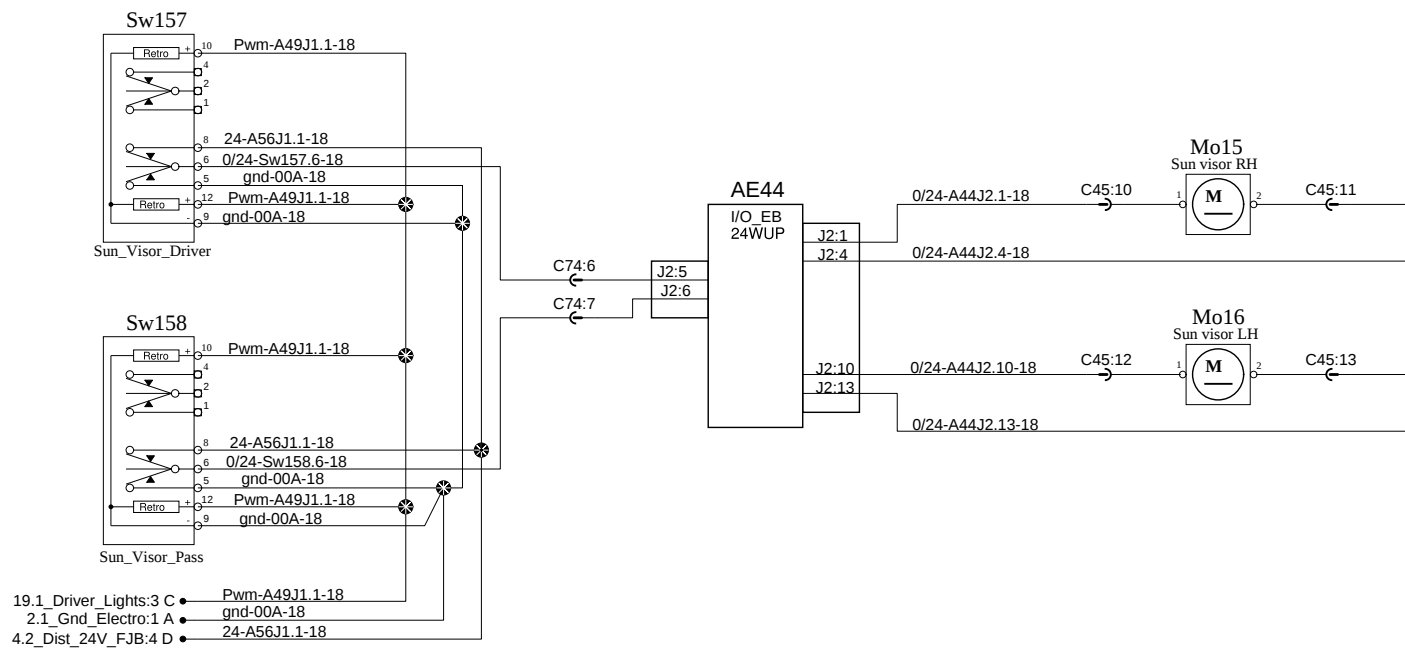
# Tire pressure monitoring system







# Sun Visors



**ELD / ITS**

**ELD\_ITS\_Gateway**

**120R**

**Res99**

**42.3\_CTGI\_Gateway\_J1939:4 D**

**42.3\_CTGI\_Gateway\_J1939:4**

**J1939-DL100L-18**

**J1939-DL100H-18**

**4.3\_Dist\_24V\_RHC:4 B**

**24-CB21-18**

**4.2\_Dist\_24V\_FJB:4 C**

**24-CB48-18**

**6.2\_Network:3 D**

**J1587-900-18**

**6.2\_Network:3 C**

**J1587-901-18**

**6.2\_Network:3 B**

**J1939-DL1L-18**

**6.2\_Network:3 B**

**J1939-DL1H-18**

**J1939-1L**

**J1939-1H**

**ISO 9141\_K-Line**

**J1939\_2L\_External**

**J1939\_2H\_External**

**EOL**

**Ground**

**2.1\_Gnd\_Electro:1 C**

**gnd-00FH3-18**

**gnd-0A-16**

**2.2\_Gnd\_Chassis:2 B**

**4.1\_Dist\_12V\_FJB:2 B**

**12-F22-18**

**C195:D**

**C195:C**

**C195:A**

**C195:E**

**C195:B**

**A99**

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**

**9**

**10**

**11**

**12**

**13**

**14**

**15**

**16**

**Battery**

**J1939\_1L\_TERM**

**Power\_detection**

**J1708\_A**

**J1708\_B**

**J1939\_1L**

**J1939\_1H**

**ISO 9141\_K-Line**

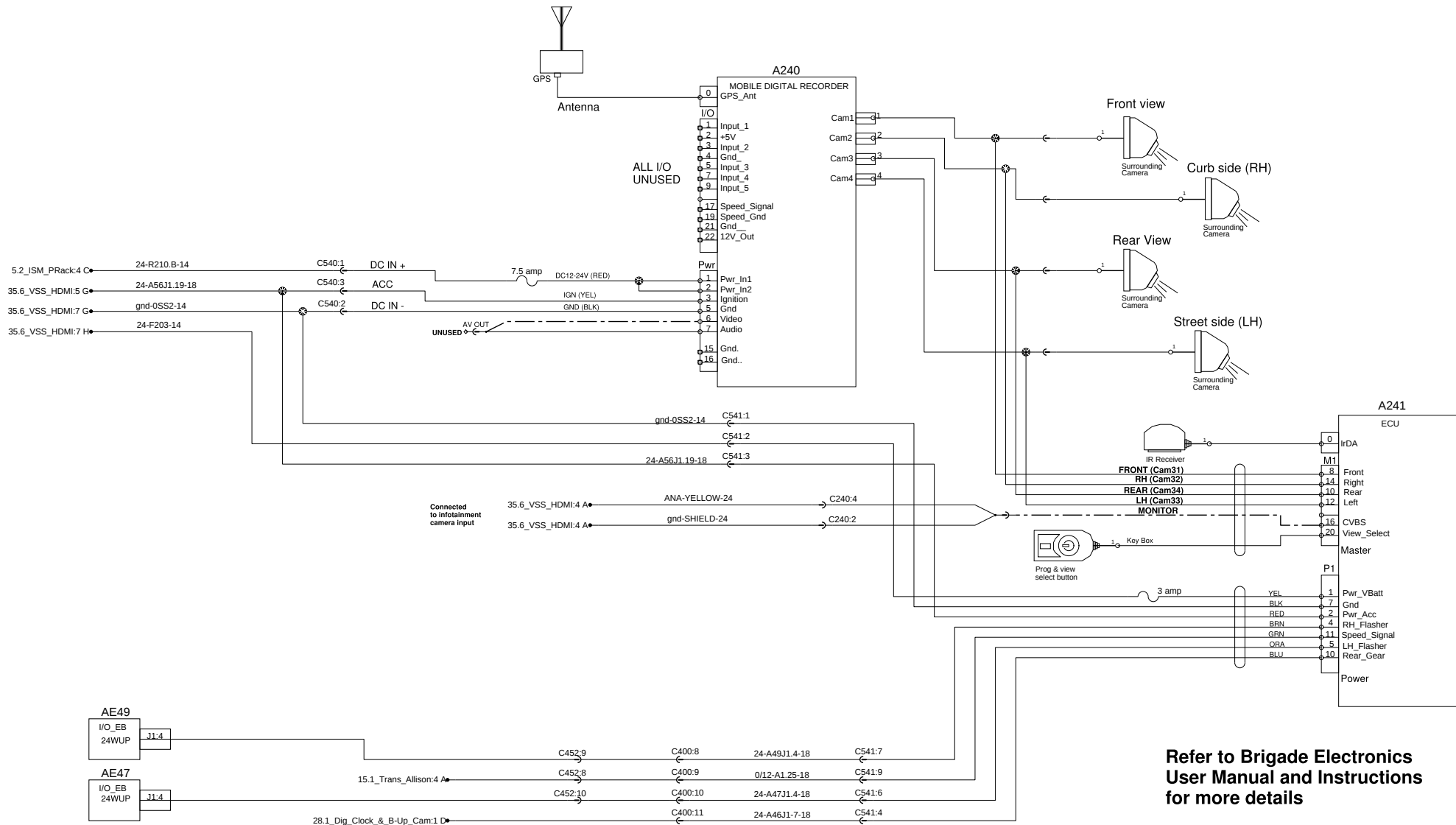
**J1939\_2L\_External**

**J1939\_2H\_External**

**EOL**

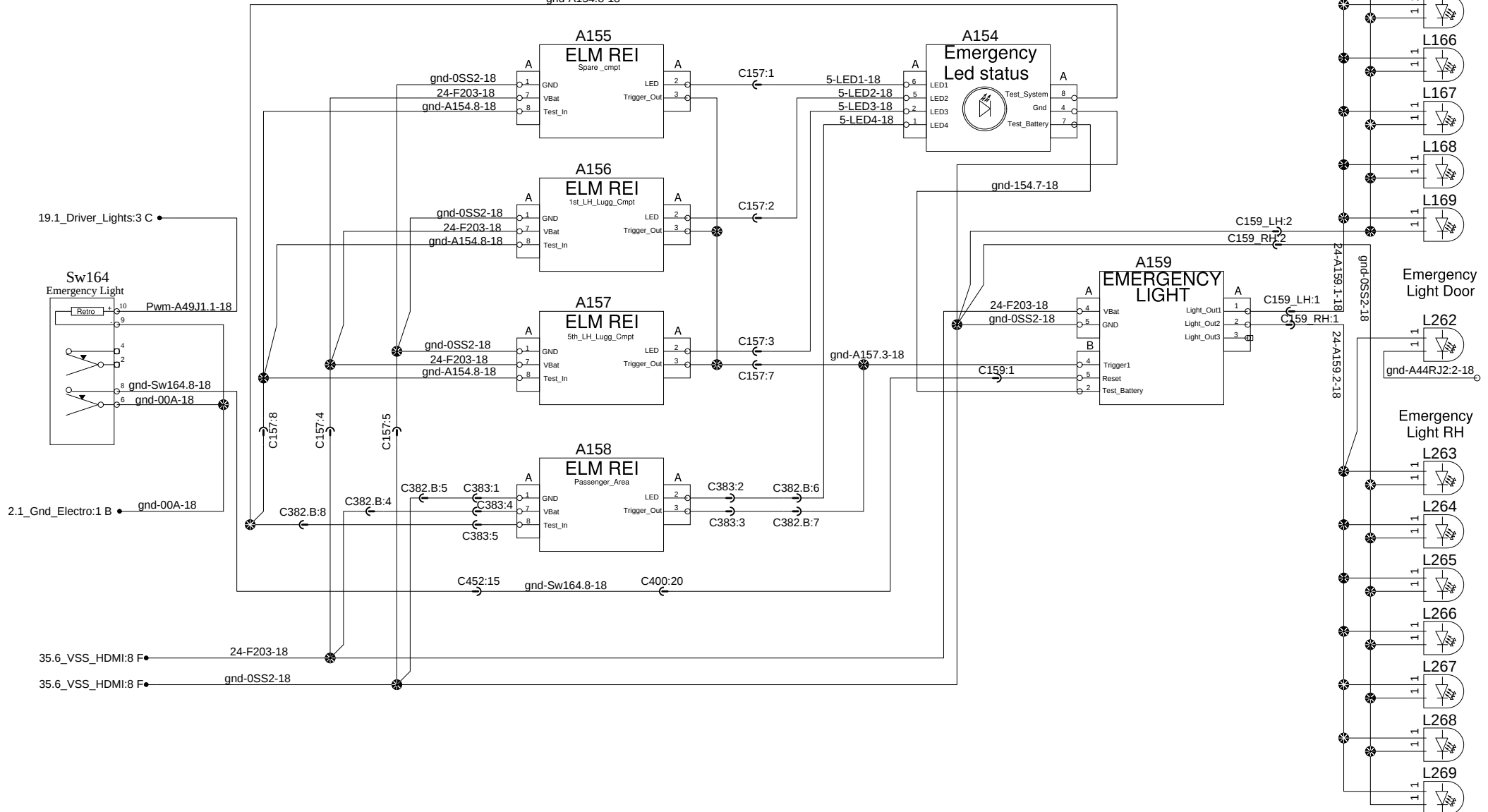
**Ground**

# Surrounding Cameras System



**Refer to Brigade Electronics  
User Manual and Instructions  
for more details**

# Emergency Lights



Customer Adaptation  
ANTI THEFT DRIVER LIGHT

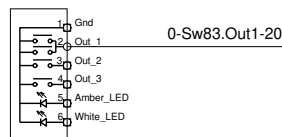
Ref page 3.2 for all details  
Ignition start

Original SW24 Remove Wires Pin 2,4, and 10  
and add shrink at the end.  
Use these contacts 2 and 4 for Anti Theft connections

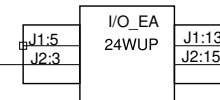
Ref page 19.1 for all details  
Driver Light

Push Button

Engine Start Button

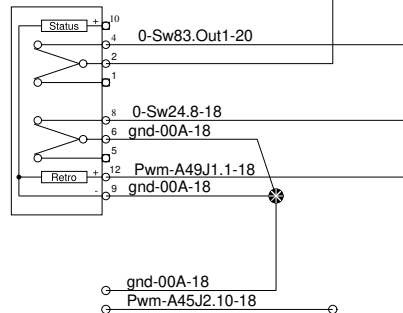


AE41

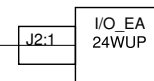


SW24

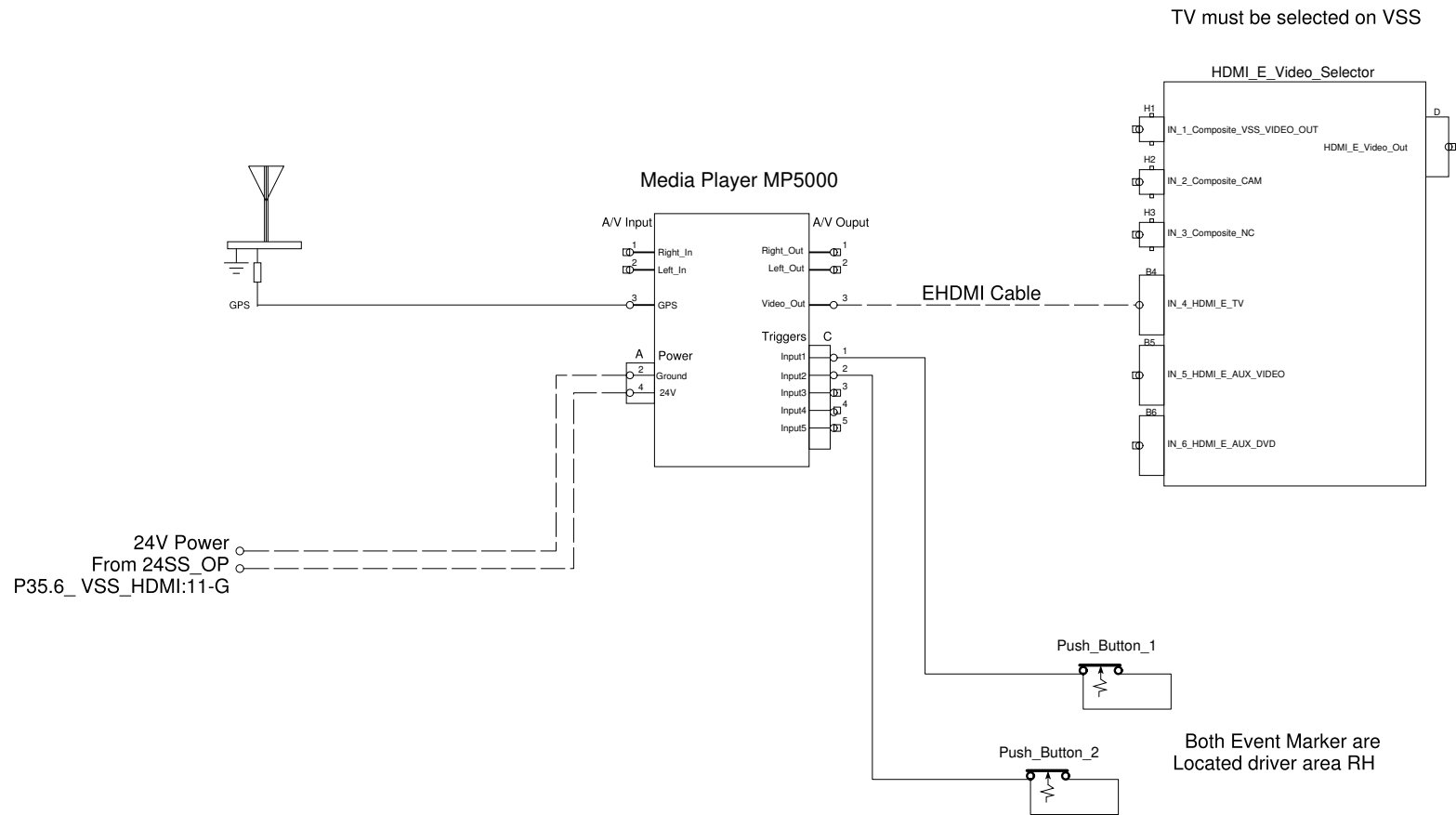
Driver lights switch



AE55

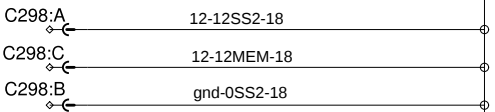


Media Player MP-5000 With GPS

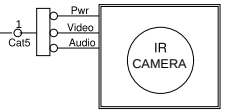


Mobile Digital Video Recorders (DVR)  
Customer Adaptation

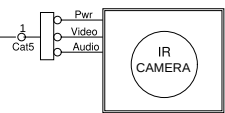
Plug with C298  
Refer to P35.6  
(Loc. 3-F)



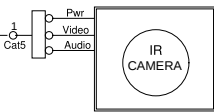
Located in Front LH P-Rack



Seon

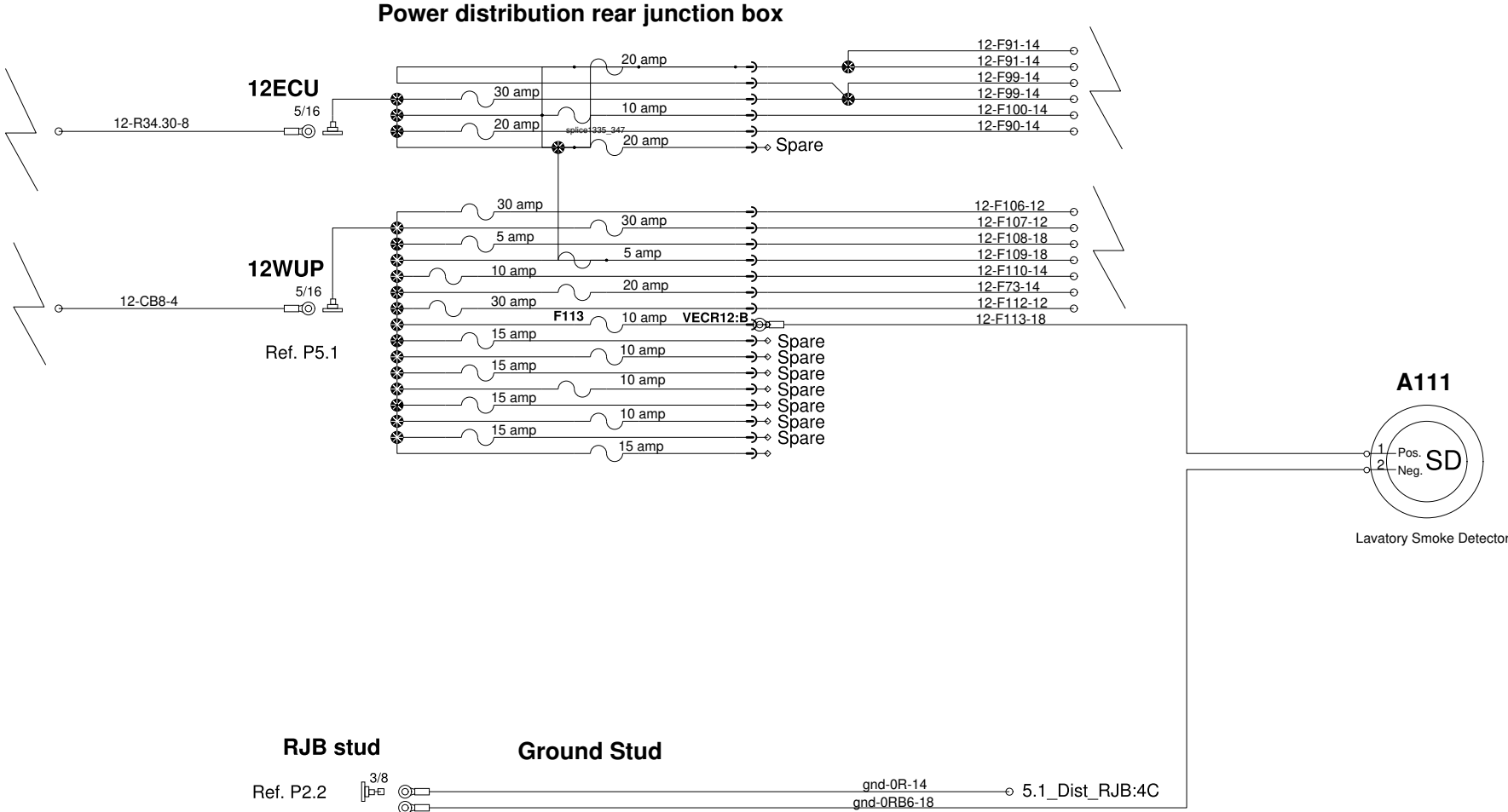


Seon



Seon

Lavatory Smoke Detector  
Customer Adaptation



1

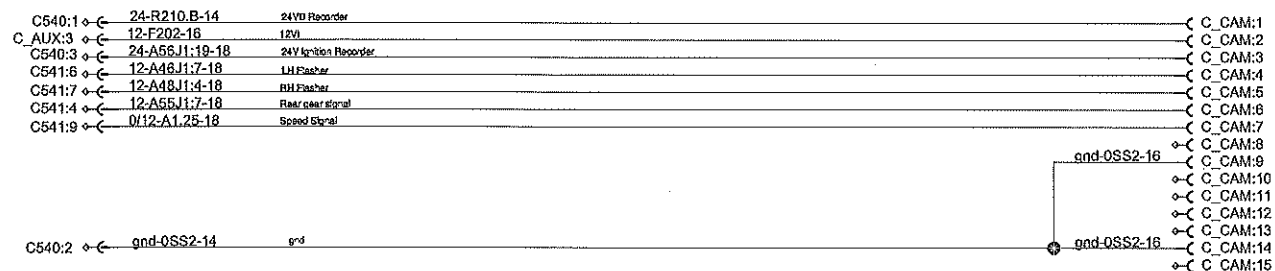
2

3

4

5

## Customer adaptation Signals and power for camera system



To supplier camera system

To connect the following connector, refer to pages below:

- Connector C540 - page 44.0 2 C
- Connector C541 - page 44.0 5 E
- Connector C\_AUX - page 35.6 7 G

1

2

3

4

5

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                   | Page | Connected devices       | Input involved   |           |      |
|-------------|------------------|-------------------------------|------|-------------------------|------------------|-----------|------|
| A36.JA:13   | O_EngineRun      | Engine Run Signal             | 3.2  | A15:6                   | B_EngineRun      | .         |      |
|             |                  |                               |      |                         | D_OnOffDrvSw     | .         |      |
|             |                  |                               |      |                         | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                  |                               |      |                         | I_BatMonMod53    | A53.J1:24 | 6.1  |
|             |                  |                               |      |                         | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A36.JA:14   | O_MasterRlyLatch |                               | 3.2  |                         | B_EngineRun      | .         |      |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                  |                               |      |                         | I_RrCutOutSw     | A36.JB:21 | 3.2  |
| A36.JA:15   | O_WakeUp         | WakeUp Relay                  | 3.3  |                         | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                  |                               |      |                         | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                  |                               |      |                         | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                  |                               |      |                         | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                  |                               |      |                         | I_WakeUp         | A36.JB:5  | 9.1  |
| A36.JA:24   | O_CutOutRel      | Emergency CutOut Relay        | 3.2  | R21:85                  | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A36.JA:6    | O_DrUnlockRly    | Luggages doors unlocks relays | 33.1 |                         | I_KeylessLuggUnl | A41.J1:18 | 29.1 |
|             |                  |                               |      |                         | I_LugDorULkSw    | A41.J1:20 | 33.1 |
| A36.JA:7    | O_DrLockRly      | Luggages doors locks relays   | 33.1 |                         | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                  |                               |      |                         | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                  |                               |      |                         | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                  |                               |      |                         | I_KeylessLockAll | A41.J1:19 | 29.1 |
|             |                  |                               |      |                         | I_LugDorLkSw     | A41.J1:17 | 33.1 |
|             |                  |                               |      |                         | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                  |                               |      |                         | I_WakeUp         | A36.JB:5  | 9.1  |
| A41.J1:11   | O_ConvWakeUp     | Converter wake up signal      | 36.1 | CC2:1, FREE:FREE, CC2:1 | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                  |                               |      |                         | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                  |                               |      |                         | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                  |                               |      |                         | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                  |                               |      |                         | I_WakeUp         | A36.JB:5  | 9.1  |
| A41.J1:15   | O_ConvParkBrk    | Converter park brake signal   | 36.1 | CC2:4, FREE:FREE, CC2:4 | I_ParkBrSe       | A36.JB:9  | 12.1 |
| A41.J1:16   | O_WakeUpA41      |                               | 9.1  | A36.JB:5                | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                  |                               |      |                         | I_DrvLtSw        | A41.J1:2  | 19.1 |
|             |                  |                               |      |                         | I_EntDorLockSw   | A41.J1:9  | 29.1 |
|             |                  |                               |      |                         | I_EntDorOpSe     | A41.J1:5  | 29.1 |
|             |                  |                               |      |                         | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                  |                               |      |                         | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |                  |                               |      |                         | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                  |                               |      |                         | I_HornSw         | A41.J1:3  | 9.1  |
|             |                  |                               |      |                         | I_IgnKeySw       | A36.JB:2  | 3.2  |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name     | Description                 | Page | Connected devices         | Input involved   |           |      |
|-------------|-----------------|-----------------------------|------|---------------------------|------------------|-----------|------|
| A41.J1:16   | O_WakeUpA41     |                             | 9.1  | A36.JB:5                  | I_KeylessDrUnl   | A41.J1:4  | 29.1 |
|             |                 |                             |      |                           | I_KeylessEntReq  | A41.J1:21 | 29.1 |
|             |                 |                             |      |                           | I_KeylessIntru   | A41.J1:7  | 29.1 |
|             |                 |                             |      |                           | I_KeylessLockAll | A41.J1:19 | 29.1 |
|             |                 |                             |      |                           | I_KeylessLuggUnl | A41.J1:18 | 29.1 |
|             |                 |                             |      |                           | I_LugDorLkSw     | A41.J1:17 | 33.1 |
|             |                 |                             |      |                           | I_LugDorULkSw    | A41.J1:20 | 33.1 |
|             |                 |                             |      |                           | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                 |                             |      |                           | I_WakeUp         | A36.JB:5  | 9.1  |
| A42.J1:11   | O_ConvIgnition  | Converter ignition signal   | 36.1 | CC2:5, FREE:FREE, CC2:5   | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A42.J1:12   | O_ConvEngRun    | Converter engine run signal | 36.1 | CC2:6, FREE:FREE, CC2:6   | B_EngineRun      | .         |      |
| A42.J1:13   | O_SldO2MotIn    | Rear Slide Out retracting   | 36.1 | CC2:9, CC2:9, FREE:FREE   | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                 |                             |      |                           | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                 |                             |      |                           | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                 |                             |      |                           | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                 |                             |      |                           | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                 |                             |      |                           | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                 |                             |      |                           | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A42.J1:14   | O_SldO1MotIn    | Front Slide Out retracting  | 36.1 | CC2:7, CC2:7, FREE:FREE   | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                 |                             |      |                           | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                 |                             |      |                           | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                 |                             |      |                           | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                 |                             |      |                           | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                 |                             |      |                           | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                 |                             |      |                           | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A42.J1:15   | O_TransShftDown | Transmission Shift Down     | 38.1 | CC1:6                     | I_VIPSteerWh1    | A55.J1:3  | 38.1 |
|             |                 |                             |      |                           | I_VIPSteerWh2    | A55.J1:4  | 38.1 |
|             |                 |                             |      |                           | I_VIPSteerWh5V   | A55.J1:2  | 38.1 |
| A42.J1:16   | O_SldO1MotOut   | Front Slide Out extending   | 36.1 | CC2:8, CC2:8, FREE:FREE   | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                 |                             |      |                           | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                 |                             |      |                           | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                 |                             |      |                           | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                 |                             |      |                           | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                 |                             |      |                           | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                 |                             |      |                           | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A42.J1:30   | O_TransShftUp   | Transmission Shift Up       | 38.1 | CC1:7                     | I_VIPSteerWh1    | A55.J1:3  | 38.1 |
|             |                 |                             |      |                           | I_VIPSteerWh2    | A55.J1:4  | 38.1 |
|             |                 |                             |      |                           | I_VIPSteerWh5V   | A55.J1:2  | 38.1 |
| A43.J1:11   | O_SldO2MotOut   | Rear Slide Out extending    | 36.1 | CC2:10, CC2:10, FREE:FREE | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                 |                             |      |                           | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                 |                             |      |                           | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                 |                             |      |                           | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                 |                             |      |                           | I_SldO2LimitInSe | A57.J1:11 | 20.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name    | Description                 | Page | Connected devices         | Input involved   |           |      |
|-------------|----------------|-----------------------------|------|---------------------------|------------------|-----------|------|
| A43.J1:11   | O_SldO2MotOut  | Rear Slide Out extending    | 36.1 | CC2:10, CC2:10, FREE:FREE | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                |                             |      |                           | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A43.J1:16   | O_BrkRedCompat | Brake Redundant Compatible  | 38.1 | A72.J2:7                  | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
|             |                |                             |      |                           | I_BrkLtSeRrSig   | A51.J1:10 | 12.1 |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                             |      |                           | I_VIPSteerWh1    | A55.J1:3  | 38.1 |
|             |                |                             |      |                           | I_VIPSteerWh2    | A55.J1:4  | 38.1 |
|             |                |                             |      |                           | I_VIPSteerWh5V   | A55.J1:2  | 38.1 |
| A44.J1:1    | O_DashTrapPMo  | Dash Trap Motor             | 18.1 | Mo3:1                     | D_AirFlapBit0    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit1    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit2    | .         |      |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A44.J1:2    | O_DashTrapNMo  | Dash Trap Motor Return      | 18.1 | Mo3:3                     | D_AirFlapBit0    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit1    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit2    | .         |      |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A44.J1:20   | O_DashBackLit  | Dash BackLighting           | 19.1 |                           | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
| A44.J1:7    | O_BackUpMon    | Backup Monitor Signal       | 28.1 | MONITOR:1                 | I_BackUpCamSw    | A55.J1:17 | 28.1 |
| A44.J1:8    | O_FrClearLb    | Front Clearance Lights Bulb | 26.1 |                           | B_BatterySaver   | .         |      |
|             |                |                             |      |                           | B_TstModExtLight | .         |      |
|             |                |                             |      |                           | I_BlinkSw        | A43.J1:20 | 26.1 |
|             |                |                             |      |                           | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |                |                             |      |                           | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
| A45.J1:1    | O_FootTrpPSol  | Foot Trap Solenoid          | 18.1 | Mo4:A                     | D_AirFlapBit0    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit1    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit2    | .         |      |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A45.J1:2    | O_FootTrpNSol  | Foot Trap Solenoid          | 18.1 | Mo4:B                     | D_AirFlapBit0    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit1    | .         |      |
|             |                |                             |      |                           | D_AirFlapBit2    | .         |      |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A45.J1:20   | O_HornElectric | Horn Electric               | 9.1  |                           | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                |                             |      |                           | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                |                             |      |                           | I_FireExt1stAl   | A36.JB:23 |      |
|             |                |                             |      |                           | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |                |                             |      |                           | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |                |                             |      |                           | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                |                             |      |                           | I_HornSelectSw   | A43.J1:7  | 9.1  |
|             |                |                             |      |                           | I_HornSw         | A41.J1:3  | 9.1  |
|             |                |                             |      |                           | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                             |      |                           | I_KeylessDrUnl   | A41.J1:4  | 29.1 |
|             |                |                             |      |                           | I_KeylessIntru   | A41.J1:7  | 29.1 |
|             |                |                             |      |                           | I_KeylessLockAll | A41.J1:19 | 29.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name    | Description                        | Page | Connected devices | Input involved   |           |      |
|-------------|----------------|------------------------------------|------|-------------------|------------------|-----------|------|
| A45.J1:20   | O_HornElectric | Horn Electric                      | 9.1  |                   | I_KeylessLuggUnl | A41.J1:18 | 29.1 |
|             |                |                                    |      |                   | I_KeylessPanic   | A41.J1:6  | 29.1 |
|             |                |                                    |      |                   | I_LugDorLkSw     | A41.J1:17 | 33.1 |
|             |                |                                    |      |                   | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                |                                    |      |                   | I_WakeUp         | A36.JB:5  | 9.1  |
| A45.J1:21   | O_LHFrMkrLb    | Left Hand Front Markers Light Bulb | 26.1 |                   | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_BlinkSw        | A43.J1:20 | 26.1 |
|             |                |                                    |      |                   | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |                |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
|             |                |                                    |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                    |      |                   | I_KeylessIntru   | A41.J1:7  | 29.1 |
|             |                |                                    |      |                   | I_KeylessPanic   | A41.J1:6  | 29.1 |
| A45.J1:3    | O_LHFrFlshLb   | Left Hand Front Flasher Light Bulb | 26.1 |                   | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_LHFlshSw       | A45.J1:9  | 26.1 |
|             |                |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |                |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A45.J1:4    | O_LHFogLb      | Left Hand Fog Light Bulb           | 26.3 | L95:A             | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_FogLightSw     | A55.J1:6  | 26.3 |
| A45.J1:5    | O_LHCornerLb   | Left Hand Cornering Light Bulb     | 26.3 | L97.A:1           | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_CorneringLtSw  | A55.J1:7  | 26.3 |
|             |                |                                    |      |                   | I_LHFlshSw       | A45.J1:9  | 26.1 |
| A45.J1:6    | O_LHHiBmLb     | Left Hand Hi Beam Light Bulb       | 26.1 | L60.B:1           | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_EngineRun      | .         |      |
|             |                |                                    |      |                   | B_OneAltCharging | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_HdLtHiLowBmSw  | A43.J1:8  | 26.1 |
|             |                |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
|             |                |                                    |      |                   | I_HiBeamCallSw   | A43.J1:3  | 26.1 |
| A45.J1:7    | O_LHLwBmLb     | Left Hand Low Beam Light Bulb      | 26.1 | L60.A:1           | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_TstModExtLight | .         |      |
|             |                |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
| A45.J1:8    | O_FlshAudiRel  | Flasher Audible Relay              | 26.1 | R16:86            | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                |                                    |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                    |      |                   | I_LHFlshSw       | A45.J1:9  | 26.1 |
|             |                |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |                |                                    |      |                   | I_RHFlshSw       | A48.J1:12 | 26.1 |
|             |                |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A46.J1:1    | O_AuxFanSpeed  | Auxiliary fan speed control        | 18.3 | A32.A:D           | B_BatterySaver   | .         |      |
|             |                |                                    |      |                   | B_EngineRun      | .         |      |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name   | Description                 | Page | Connected devices | Input involved   |           |      |
|-------------|---------------|-----------------------------|------|-------------------|------------------|-----------|------|
| A46.J1:1    | O_AuxFanSpeed | Auxiliary fan speed control | 18.3 | A32.A:D           | B_OneAltCharging | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit0  | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit1  | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit2  | .         |      |
|             |               |                             |      |                   | D_AuxFnOnOffSw   | .         |      |
|             |               |                             |      |                   | I_BatMonMod46    | A46.J1:24 | 6.1  |
|             |               |                             |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A46.J1:21   | O_HeadLmpWsh  |                             | 34.1 | Mo54:2            | I_HeadLmpWshSw   | A55.J1:18 | 34.1 |
| A46.J1:3    | O_LwWshPmp    | Lower Wiper Washer Pump     | 34.1 |                   | B_BatterySaver   | .         |      |
|             |               |                             |      |                   | I_LwWshSw        | A46.J1:9  | 34.1 |
| A46.J1:5    | O_DrvRfgSol   | Driver refrigerent solenoid | 18.1 | D2.A:1            | B_BatterySaver   | .         |      |
|             |               |                             |      |                   | B_EngineRun      | .         |      |
|             |               |                             |      |                   | B_LowVoltage     | .         |      |
|             |               |                             |      |                   | B_TestMode       | .         |      |
|             |               |                             |      |                   | B_TstModHvac     | .         |      |
|             |               |                             |      |                   | B_TstModSAC      | .         |      |
|             |               |                             |      |                   | I_AcPresHiSse    | A52.J1:13 | 18.2 |
|             |               |                             |      |                   | I_AcPresLoSse    | A52.J1:14 | 18.2 |
|             |               |                             |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |
|             |               |                             |      |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A46.J1:6    | O_DrvHeatSol  | Driver Heat Solenoid        | 18.1 | So8:1             | B_BatterySaver   | .         |      |
|             |               |                             |      |                   | B_EngineRun      | .         |      |
|             |               |                             |      |                   | B_LowVoltage     | .         |      |
|             |               |                             |      |                   | B_OneAltCharging | .         |      |
|             |               |                             |      |                   | B_TestMode       | .         |      |
|             |               |                             |      |                   | B_TstModHvac     | .         |      |
|             |               |                             |      |                   | B_TstModSAC      | .         |      |
|             |               |                             |      |                   | D_AirFlapBit0    | .         |      |
|             |               |                             |      |                   | D_AirFlapBit1    | .         |      |
|             |               |                             |      |                   | D_AirFlapBit2    | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit0  | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit1  | .         |      |
|             |               |                             |      |                   | D_AuxFanSpdBit2  | .         |      |
|             |               |                             |      |                   | D_DriverSetPts   | .         |      |
|             |               |                             |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |               |                             |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |               |                             |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |               |                             |      |                   | D_OnOffPassSw    | .         |      |
|             |               |                             |      |                   | D_PassSetPts     | .         |      |
|             |               |                             |      |                   | I_BatMonMod46    | A46.J1:24 | 6.1  |
|             |               |                             |      |                   | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |               |                             |      |                   | I_DefrostHighSw  | A47.J1:10 | 18.1 |
|             |               |                             |      |                   | I_DefrostLowSw   | A47.J1:12 | 18.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name    | Description                          | Page | Connected devices | Input involved   |           |      |
|-------------|----------------|--------------------------------------|------|-------------------|------------------|-----------|------|
| A46.J1:6    | O_DrvHeatSol   | Driver Heat Solenoid                 | 18.1 | So8:1             | I_DrvTempSe      | A55.J1:1  | 18.1 |
|             |                |                                      |      |                   | I_FireExt1stAl   | A36.JB:23 |      |
|             |                |                                      |      |                   | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |                |                                      |      |                   | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |                |                                      |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |
|             |                |                                      |      |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A46.J1:8    | O_AuxSolValve  | Auxiliary refrigerant solenoid valve | 18.3 | So38:A            | B_BatterySaver   | .         |      |
|             |                |                                      |      |                   | B_EngineRun      | .         |      |
|             |                |                                      |      |                   | B_TestMode       | .         |      |
|             |                |                                      |      |                   | B_TstModSAC      | .         |      |
|             |                |                                      |      |                   | D_AuxFnOnOffSw   | .         |      |
|             |                |                                      |      |                   | I_AcPresHiSse    | A52.J1:13 | 18.2 |
| A47.J1:1    | O_DrvDefFanMo  | Driver Defroster Fan Motor           | 18.1 | A24.B:B           | I_AcPresLoSse    | A52.J1:14 | 18.2 |
|             |                |                                      |      |                   | B_BatterySaver   | .         |      |
|             |                |                                      |      |                   | B_EngineRun      | .         |      |
|             |                |                                      |      |                   | B_LowVoltage     | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |                |                                      |      |                   | D_OnOffDrvSw     | .         |      |
| A47.J1:2    | O_DrvRecTrap   | Driver Recycle Trap                  | 18.1 | L203:A            | I_BatMonMod47    | A47.J1:24 | 6.1  |
|             |                |                                      |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                      |      |                   | B_BatterySaver   | .         |      |
|             |                |                                      |      |                   | B_EngineRun      | .         |      |
| A47.J1:20   | O_AuxWaterPump | Auxiliary water pump                 | 18.3 |                   | B_TestMode       | .         |      |
|             |                |                                      |      |                   | B_TstModHvac     | .         |      |
|             |                |                                      |      |                   | B_TstModSAC      | .         |      |
|             |                |                                      |      |                   | D_RecSw          | .         |      |
|             |                |                                      |      |                   | B_BatterySaver   | .         |      |
|             |                |                                      |      |                   | B_EngineRun      | .         |      |
|             |                |                                      |      |                   | B_OneAltCharging | .         |      |
|             |                |                                      |      |                   | B_TestMode       | .         |      |
|             |                |                                      |      |                   | B_TstModSAC      | .         |      |
|             |                |                                      |      |                   | D_AuxFanSpdBit0  | .         |      |
|             |                |                                      |      |                   | D_AuxFanSpdBit1  | .         |      |
|             |                |                                      |      |                   | D_AuxFanSpdBit2  | .         |      |
|             |                |                                      |      |                   | D_DriverSetPts   | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |                |                                      |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |                |                                      |      |                   | I_DefrostHighSw  | A47.J1:10 | 18.1 |
|             |                |                                      |      |                   | I_DefrostLowSw   | A47.J1:12 | 18.1 |
|             |                |                                      |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name    | Description                         | Page | Connected devices | Input involved   |           |      |
|-------------|----------------|-------------------------------------|------|-------------------|------------------|-----------|------|
| A47.J1:20   | O_AuxWaterPump | Auxiliary water pump                | 18.3 |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A47.J1:3    | O_LwWipSpd1    | Lower Wiper Speed 1                 | 34.1 | R23:86            | B_BatterySaver   | .         |      |
|             |                |                                     |      |                   | I_LwWipIntSw     | A42.J1:8  | 34.1 |
|             |                |                                     |      |                   | I_LwWshSw        | A46.J1:9  | 34.1 |
| A47.J1:5    | O_EntDorStpLb  | Entrance Door Step Light Bulb       | 29.1 |                   | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                |                                     |      |                   | I_EntDorOpSe     | A41.J1:5  | 29.1 |
|             |                |                                     |      |                   | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                |                                     |      |                   | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                |                                     |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                     |      |                   | I_KeylessDrUnl   | A41.J1:4  | 29.1 |
|             |                |                                     |      |                   | I_KeylessLuggUnl | A41.J1:18 | 29.1 |
|             |                |                                     |      |                   | I_LugDorLkSw     | A41.J1:17 | 33.1 |
|             |                |                                     |      |                   | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                |                                     |      |                   | I_WakeUp         | A36.JB:5  | 9.1  |
| A47.J1:6    | O_DriverLtLb   | Driver Light Bulb                   | 19.1 |                   | B_BatterySaver   | .         |      |
|             |                |                                     |      |                   | I_DrvLtSw        | A41.J1:2  | 19.1 |
| A47.J1:7    | O_RHDefrostFan | Passenger defrost fan speed control | 18.1 | A30.A:D           | B_BatterySaver   | .         |      |
|             |                |                                     |      |                   | B_EngineRun      | .         |      |
|             |                |                                     |      |                   | B_LowVoltage     | .         |      |
|             |                |                                     |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |                |                                     |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |                |                                     |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |                |                                     |      |                   | D_OnOffDrvSw     | .         |      |
|             |                |                                     |      |                   | I_BatMonMod47    | A47.J1:24 | 6.1  |
|             |                |                                     |      |                   | I_DefrostHighSw  | A47.J1:10 | 18.1 |
|             |                |                                     |      |                   | I_DefrostLowSw   | A47.J1:12 | 18.1 |
|             |                |                                     |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
| A48.J1:1    | O_DoorUnlockMo | Entrance door unlock motor          | 29.1 |                   | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                |                                     |      |                   | I_EntDorOpSe     | A41.J1:5  | 29.1 |
|             |                |                                     |      |                   | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                |                                     |      |                   | I_EntDrUnSw      | A48.J1:9  | 29.1 |
|             |                |                                     |      |                   | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                |                                     |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                     |      |                   | I_KeylessDrUnl   | A41.J1:4  | 29.1 |
|             |                |                                     |      |                   | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                |                                     |      |                   | I_WakeUp         | A36.JB:5  | 9.1  |
| A48.J1:2    | O_DoorLockMo   | Entrance door lock motor            | 29.1 |                   | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |                |                                     |      |                   | I_EntDorLockSw   | A41.J1:9  | 29.1 |
|             |                |                                     |      |                   | I_EntDorOpSe     | A41.J1:5  | 29.1 |
|             |                |                                     |      |                   | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |                |                                     |      |                   | I_HazardSw       | A36.JB:4  | 26.1 |
|             |                |                                     |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |                |                                     |      |                   | I_KeylessLockAll | A41.J1:19 | 29.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name     | Description                         | Page | Connected devices | Input involved   |           |      |
|-------------|-----------------|-------------------------------------|------|-------------------|------------------|-----------|------|
| A48.J1:2    | O_DoorLockMo    | Entrance door lock motor            | 29.1 |                   | I_RrCutOutSw     | A36.JB:21 | 3.2  |
|             |                 |                                     |      |                   | I_WakeUp         | A36.JB:5  | 9.1  |
| A48.J1:20   | O_RHFrSidFlshLb | RH Front Side Flasher L-Bulb        | 26.1 | L64:1             | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_LHFishSwRrSig  | A51.J1:9  | 26.2 |
|             |                 |                                     |      |                   | I_RHFishSw       | A48.J1:12 | 26.1 |
|             |                 |                                     |      |                   | I_RHFishSwRrSig  | A51.J1:12 | 26.2 |
| A48.J1:3    | O_RHHiBeamLb    | Right Hand Hi Beam Light Bulb       | 26.1 | L59.B:1           | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_EngineRun      | .         |      |
|             |                 |                                     |      |                   | B_OneAltCharging | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_HdLtHiLowBmSw  | A43.J1:8  | 26.1 |
|             |                 |                                     |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
|             |                 |                                     |      |                   | I_HiBeamCallSw   | A43.J1:3  | 26.1 |
| A48.J1:4    | O_RHLwBeamLb    | Right Hand Low Beam Light Bulb      | 26.1 | L59.A:1           | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_HdLtPos2SwRH   | A48.J1:10 | 26.1 |
| A48.J1:5    | O_RHCornerLb    | Right Hand Cornering Light Bulb     | 26.3 | L98.A:1           | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_CorneringLtSw  | A55.J1:7  | 26.3 |
|             |                 |                                     |      |                   | I_RHFishSw       | A48.J1:12 | 26.1 |
| A48.J1:6    | O_RHFrFlshLb    | Right Hand Front Flasher Light Bulb | 26.1 | L61:3             | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_LHFishSwRrSig  | A51.J1:9  | 26.2 |
|             |                 |                                     |      |                   | I_RHFishSw       | A48.J1:12 | 26.1 |
|             |                 |                                     |      |                   | I_RHFishSwRrSig  | A51.J1:12 | 26.2 |
| A48.J1:7    | O_RHFrMrkLb     | Right Hand Front Markers Light Bulb | 26.1 |                   | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_TstModExtLight | .         |      |
|             |                 |                                     |      |                   | I_BlinkSw        | A43.J1:20 | 26.1 |
|             |                 |                                     |      |                   | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |                 |                                     |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
|             |                 |                                     |      |                   | I_KeylessIntru   | A41.J1:7  | 29.1 |
|             |                 |                                     |      |                   | I_KeylessPanic   | A41.J1:6  | 29.1 |
| A50.J1:2    | O_TransInhibit  | Transmission Inhibit                | 15.1 |                   | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
|             |                 |                                     |      |                   | I_BrkLtSeRrSig   | A51.J1:10 | 12.1 |
|             |                 |                                     |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                 |                                     |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                 |                                     |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
| A50.J1:20   | O_RevLbBuz      | Reverse Alarm and Light Bulb        | 26.3 |                   | B_BatterySaver   | .         |      |
|             |                 |                                     |      |                   | B_EngineRun      | .         |      |
|             |                 |                                     |      |                   | B_TestMode       | .         |      |
|             |                 |                                     |      |                   | B_TestSwBuz2     | .         |      |
|             |                 |                                     |      |                   | B_TestSwBuzzer   | .         |      |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name   | Description                        | Page | Connected devices | Input involved   |           |      |
|-------------|---------------|------------------------------------|------|-------------------|------------------|-----------|------|
| A50.J1:20   | O_RevLbBuz    | Reverse Alarm and Light Bulb       | 26.3 |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | B_TstModHvac     | .         |      |
|             |               |                                    |      |                   | B_TstModHvacNext | .         |      |
|             |               |                                    |      |                   | B_TstModSAC      | .         |      |
|             |               |                                    |      |                   | B_TstModSACNext  | .         |      |
|             |               |                                    |      |                   | B_TstSwBuz3      | .         |      |
| A50.J1:3    | O_RevAlarm    | Back up alarm                      | 26.3 | L187.A:A          | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_EngineRun      | .         |      |
|             |               |                                    |      |                   | B_TestMode       | .         |      |
|             |               |                                    |      |                   | B_TestSwBuz2     | .         |      |
|             |               |                                    |      |                   | B_TestSwBuzzer   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | B_TstModHvac     | .         |      |
|             |               |                                    |      |                   | B_TstModHvacNext | .         |      |
|             |               |                                    |      |                   | B_TstModSAC      | .         |      |
|             |               |                                    |      |                   | B_TstModSACNext  | .         |      |
|             |               |                                    |      |                   | B_TstSwBuz3      | .         |      |
|             |               |                                    |      |                   | D_NextWheel      | .         |      |
|             |               |                                    |      |                   | I_RevArmSw       | A43.J1:6  | 26.3 |
| A50.J1:4    | O_ReClearLb   | Rear Clearance Light Bulb          | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_BlinkSw        | A43.J1:20 | 26.1 |
|             |               |                                    |      |                   | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |               |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
| A50.J1:5    | O_LHctrFlshLb | Water Filter Indicator Warning     | 26.2 | L70:1             | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |               |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A50.J1:6    | O_BrLtLowerLb |                                    | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_EngineRun      | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
|             |               |                                    |      |                   | I_BrkLtSeRrSig   | A51.J1:10 | 12.1 |
|             |               |                                    |      |                   | I_EngBrOnSe      | A42.J1:18 |      |
|             |               |                                    |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |               |                                    |      |                   | I_RetdrSig       | A50.J1:12 | 15.1 |
| A50.J1:7    | O_RHctrFlshLb | Wheel Chair Lift Warning Indicator | 26.2 | L68:1             | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |               |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A50.J1:8    | O_CtrSdMrkLb  | Tag Axle Warning Indicator         | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_BlinkSw        | A43.J1:20 | 26.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name   | Description                        | Page | Connected devices | Input involved   |           |      |
|-------------|---------------|------------------------------------|------|-------------------|------------------|-----------|------|
| A50.J1:8    | O_CtrSdMrkLb  | Tag Axle Warning Indicator         | 26.2 |                   | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |               |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
| A51.J1:1    | O_SerBrkTrans | Servise Brake Signal For           | 15.1 | A1Gen4.A:62       | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
| A51.J1:21   | O_LHReFlshLb  | Left Hand Rear Flasher Light Bulb  | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |               |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A51.J1:3    | O_RHReFlshLb  | Right Hand Rear Flasher Light Bulb | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_LHFlshSwRrSig  | A51.J1:9  | 26.2 |
|             |               |                                    |      |                   | I_RHFlshSwRrSig  | A51.J1:12 | 26.2 |
| A51.J1:4    | O_LHDockLb    | Left Hand Docking Light Bulb       | 26.3 | L93.A:1           | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_DockingLtSw    | A55.J1:8  | 26.3 |
|             |               |                                    |      |                   | I_LowDockLtsSw   | A55.J1:9  | 26.3 |
| A51.J1:5    | O_RHDockLb    | Right Hand Docking Light Bulb      | 26.3 | L94.A:1           | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_DockingLtSw    | A55.J1:8  | 26.3 |
|             |               |                                    |      |                   | I_LowDockLtsSw   | A55.J1:9  | 26.3 |
| A51.J1:6    | O_BrLtUpperLb |                                    | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_EngineRun      | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
|             |               |                                    |      |                   | I_BrkLtSeRrSig   | A51.J1:10 | 12.1 |
|             |               |                                    |      |                   | I_EngBrOnSe      | A42.J1:18 |      |
|             |               |                                    |      |                   | I_RetdrSig       | A50.J1:12 | 15.1 |
| A51.J1:7    | O_CyclopeLt   | Cyclope Brake Light                | 26.2 | L81.A:1           | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_BrkLtSeFrSig   | A36.JB:13 | 12.1 |
|             |               |                                    |      |                   | I_BrkLtSeRrSig   | A51.J1:10 | 12.1 |
| A51.J1:8    | O_ReTailMkLb  | Rear Tail Markers Light Bulb       | 26.2 |                   | B_BatterySaver   | .         |      |
|             |               |                                    |      |                   | B_TstModExtLight | .         |      |
|             |               |                                    |      |                   | I_AccKeySw       | A36.JB:6  | 3.2  |
|             |               |                                    |      |                   | I_BlinkSw        | A43.J1:20 | 26.1 |
|             |               |                                    |      |                   | I_EntDrUnlockSw  | A41.J1:8  | 29.1 |
|             |               |                                    |      |                   | I_HazardSw       | A36.JB:4  | 26.1 |
|             |               |                                    |      |                   | I_HdLtPos1Sw     | A43.J1:4  | 26.1 |
|             |               |                                    |      |                   | I_HdLtPos2SwLH   | A45.J1:12 | 26.1 |
|             |               |                                    |      |                   | I_IgnKeySw       | A36.JB:2  | 3.2  |
|             |               |                                    |      |                   | I_KeylessDrUnl   | A41.J1:4  | 29.1 |
|             |               |                                    |      |                   | I_KeylessIntru   | A41.J1:7  | 29.1 |
|             |               |                                    |      |                   | I_KeylessPanic   | A41.J1:6  | 29.1 |
|             |               |                                    |      |                   | I_RrCutOutSw     | A36.JB:21 | 3.2  |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name   | Description                       | Page | Connected devices | Input involved  |           |      |
|-------------|---------------|-----------------------------------|------|-------------------|-----------------|-----------|------|
| A51.J1:8    | O_ReTailMkLb  | Rear Tail Markers Light Bulb      | 26.2 |                   | I_WakeUp        | A36.JB:5  | 9.1  |
| A52.J1:1    | O_EngFanSpd1  | Engine Fan Radiator Speed 1       | 13.1 |                   | B_BatterySaver  | .         |      |
|             |               |                                   |      |                   | B_EngineRun     | .         |      |
|             |               |                                   |      |                   | B_TestMode      | .         |      |
|             |               |                                   |      |                   | B_TstModHvac    | .         |      |
|             |               |                                   |      |                   | B_TstModSAC     | .         |      |
|             |               |                                   |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |               |                                   |      |                   | I_EngFanSpd1    | A52.J1:9  | 13.1 |
|             |               |                                   |      |                   | I_EngFanSw      | A36.JB:14 |      |
|             |               |                                   |      |                   | I_FireExt1stAl  | A36.JB:23 |      |
|             |               |                                   |      |                   | I_FireExt2ndAlm | A44.J1:10 |      |
|             |               |                                   |      |                   | I_FireSensorA36 | A41.J1:10 | 9.1  |
| A52.J1:2    | O_EngFanSpd2  | Engine Fan Radiator Speed 2       | 13.1 |                   | B_BatterySaver  | .         |      |
|             |               |                                   |      |                   | B_EngineRun     | .         |      |
|             |               |                                   |      |                   | B_TestMode      | .         |      |
|             |               |                                   |      |                   | B_TstModHvac    | .         |      |
|             |               |                                   |      |                   | B_TstModSAC     | .         |      |
|             |               |                                   |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |               |                                   |      |                   | I_EngFanSpd1    | A52.J1:9  | 13.1 |
|             |               |                                   |      |                   | I_EngFanSpd2    | A52.J1:10 | 13.1 |
|             |               |                                   |      |                   | I_EngFanSw      | A36.JB:14 |      |
|             |               |                                   |      |                   | I_FireExt1stAl  | A36.JB:23 |      |
|             |               |                                   |      |                   | I_FireExt2ndAlm | A44.J1:10 |      |
|             |               |                                   |      |                   | I_FireSensorA36 | A41.J1:10 | 9.1  |
| A52.J1:20   | O_AcCluSol    | Hvac AC Clutch Solenoid           | 18.2 |                   | B_BatterySaver  | .         |      |
|             |               |                                   |      |                   | B_EngineRun     | .         |      |
|             |               |                                   |      |                   | B_TestMode      | .         |      |
|             |               |                                   |      |                   | B_TstModHvac    | .         |      |
|             |               |                                   |      |                   | B_TstModSAC     | .         |      |
|             |               |                                   |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |               |                                   |      |                   | I_AcPresLoSse   | A52.J1:14 | 18.2 |
| A52.J1:21   | O_AcUnldRH    | Hvac Right Hand Cylinder Unloader | 18.2 |                   | B_BatterySaver  | .         |      |
|             |               |                                   |      |                   | B_EngineRun     | .         |      |
|             |               |                                   |      |                   | B_TestMode      | .         |      |
|             |               |                                   |      |                   | B_TstModHvac    | .         |      |
|             |               |                                   |      |                   | D_PassSetPts    | .         |      |
|             |               |                                   |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |               |                                   |      |                   | I_AcPresLoSse   | A52.J1:14 | 18.2 |
| A52.J1:5    | O_EngCmptLbZF | Engine Compartment Light Switch   | 25.1 |                   | I_EngCmptLtSw   | A52.J1:11 | 25.1 |
|             |               |                                   |      |                   | I_EngDoorSe     | A52.J1:12 | 25.1 |
| A52.J1:8    | O_AcUnldLH    | Hvac Left Hand Cylinder Unloader  | 18.2 |                   | B_BatterySaver  | .         |      |
|             |               |                                   |      |                   | B_EngineRun     | .         |      |
|             |               |                                   |      |                   | B_TestMode      | .         |      |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name     | Description                      | Page | Connected devices | Input involved  |           |      |
|-------------|-----------------|----------------------------------|------|-------------------|-----------------|-----------|------|
| A52.J1:8    | O_AcUnldLH      | Hvac Left Hand Cylinder Unloader | 18.2 |                   | B_TstModHvac    | .         |      |
|             |                 |                                  |      |                   | D_PassSetPts    | .         |      |
|             |                 |                                  |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |                 |                                  |      |                   | I_AcPresLoSse   | A52.J1:14 | 18.2 |
| A53.J1:1    | O_StarterRlyRtn | Starter Relay Return             | 3.2  | Term49            | I_IgnKeySw      | A36.JB:2  | 3.2  |
| A53.J1:5    | O_RJBDoFanMo    | Rear junction box door fan       | 11.1 | Mo53:1            | B_BatterySaver  | .         |      |
|             |                 |                                  |      |                   | B_EngineRun     | .         |      |
|             |                 |                                  |      |                   | B_TestMode      | .         |      |
|             |                 |                                  |      |                   | B_TstModHvac    | .         |      |
|             |                 |                                  |      |                   | B_TstModSAC     | .         |      |
|             |                 |                                  |      |                   | I_BatMonMod53   | A53.J1:24 | 6.1  |
|             |                 |                                  |      |                   | I_FrontOutTemp  | A47.J1:14 | 18.3 |
|             |                 |                                  |      |                   | I_OutDoorTempSe | A54.J1:14 | 18.1 |
| A53.J1:6    | O_StarterRel    | Starter Relay                    | 3.2  |                   | B_BatterySaver  | .         |      |
|             |                 |                                  |      |                   | B_EngineRun     | .         |      |
|             |                 |                                  |      |                   | B_TestMode      | .         |      |
|             |                 |                                  |      |                   | B_TstModHvac    | .         |      |
|             |                 |                                  |      |                   | B_TstModSAC     | .         |      |
|             |                 |                                  |      |                   | I_AccKeySw      | A36.JB:6  | 3.2  |
|             |                 |                                  |      |                   | I_EngStaRrSw    | A53.J1:11 | 3.2  |
|             |                 |                                  |      |                   | I_EntDrUnlockSw | A41.J1:8  | 29.1 |
|             |                 |                                  |      |                   | I_FrEngStaSw    | A36.JB:22 | 3.2  |
|             |                 |                                  |      |                   | I_FrStrtEnSw    | A53.J1:9  | 3.2  |
|             |                 |                                  |      |                   | I_HazardSw      | A36.JB:4  | 26.1 |
|             |                 |                                  |      |                   | I_IgnKeySw      | A36.JB:2  | 3.2  |
|             |                 |                                  |      |                   | I_KeylessDrUnl  | A41.J1:4  | 29.1 |
|             |                 |                                  |      |                   | I_KeylessIntru  | A41.J1:7  | 29.1 |
|             |                 |                                  |      |                   | I_NeutralSe     | A50.J1:11 | 15.1 |
|             |                 |                                  |      |                   | I_RrCutOutSw    | A36.JB:21 | 3.2  |
|             |                 |                                  |      |                   | I_RrStrtEnSw    | A53.J1:10 | 3.2  |
|             |                 |                                  |      |                   | I_StartLockOut  | A53.J1:12 |      |
|             |                 |                                  |      |                   | I_WakeUp        | A36.JB:5  | 9.1  |
| A54.J1:1    | O_CndSpd2Rel    | Condensor Fan Speed 2 Relay      | 18.2 | R9:2              | B_BatterySaver  | .         |      |
|             |                 |                                  |      |                   | B_EngineRun     | .         |      |
|             |                 |                                  |      |                   | B_LowVoltage    | .         |      |
|             |                 |                                  |      |                   | B_TestMode      | .         |      |
|             |                 |                                  |      |                   | B_TstModHvac    | .         |      |
|             |                 |                                  |      |                   | D_DriverSetPts  | .         |      |
|             |                 |                                  |      |                   | D_OnOffPassSw   | .         |      |
|             |                 |                                  |      |                   | D_PassSetPts    | .         |      |
|             |                 |                                  |      |                   | I_AcPresHiSse   | A52.J1:13 | 18.2 |
|             |                 |                                  |      |                   | I_AcPresLoSse   | A52.J1:14 | 18.2 |
|             |                 |                                  |      |                   | I_BatMonMod54   | A54.J1:24 | 6.1  |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name  | Description                    | Page | Connected devices | Input involved  |           |      |
|-------------|--------------|--------------------------------|------|-------------------|-----------------|-----------|------|
| A54.J1:1    | O_CndSpd2Rel | Condensor Fan Speed 2 Relay    | 18.2 | R9:2              | I_CoilTherSe    | A47.J1:11 | 18.3 |
|             |              |                                |      |                   | I_DrvTempSe     | A55.J1:1  | 18.1 |
|             |              |                                |      |                   | I_FireExt1stAl  | A36.JB:23 |      |
|             |              |                                |      |                   | I_FireExt2ndAlm | A44.J1:10 |      |
|             |              |                                |      |                   | I_FireSensorA36 | A41.J1:10 | 9.1  |
|             |              |                                |      |                   | I_FrontOutTemp  | A47.J1:14 | 18.3 |
|             |              |                                |      |                   | I_OutDoorTempSe | A54.J1:14 | 18.1 |
| A54.J1:2    | O_EvaSpd2Rel | Evaporator Fan Speed 2         | 18.2 | TermMo9           | B_BatterySaver  | .         |      |
|             |              |                                |      |                   | B_EngineRun     | .         |      |
|             |              |                                |      |                   | B_LowVoltage    | .         |      |
|             |              |                                |      |                   | B_TestMode      | .         |      |
|             |              |                                |      |                   | B_TstModHvac    | .         |      |
|             |              |                                |      |                   | D_OnOffPassSw   | .         |      |
|             |              |                                |      |                   | D_PassSetPts    | .         |      |
|             |              |                                |      |                   | I_Alt2Voltage   | A49.J1:9  | 3.2  |
|             |              |                                |      |                   | I_BatMonMod53   | A53.J1:24 | 6.1  |
|             |              |                                |      |                   | I_BatMonMod54   | A54.J1:24 | 6.1  |
|             |              |                                |      |                   | I_FireExt1stAl  | A36.JB:23 |      |
|             |              |                                |      |                   | I_FireExt2ndAlm | A44.J1:10 |      |
|             |              |                                |      |                   | I_FireSensorA36 | A41.J1:10 | 9.1  |
| A54.J1:20   | O_ACRecPass  | A/C Pass. Gaz Cylinder Recycle | 18.2 | L205:1            | B_BatterySaver  | .         |      |
|             |              |                                |      |                   | B_EngineRun     | .         |      |
|             |              |                                |      |                   | B_TestMode      | .         |      |
|             |              |                                |      |                   | B_TstModHvac    | .         |      |
|             |              |                                |      |                   | B_TstModSAC     | .         |      |
|             |              |                                |      |                   | D_RecSw         | .         |      |
| A54.J1:3    | O_PasRfgSol  | Passenger Refrigerent Solenoid | 18.2 | D11.A:1           | B_BatterySaver  | .         |      |
|             |              |                                |      |                   | B_EngineRun     | .         |      |
|             |              |                                |      |                   | B_LowVoltage    | .         |      |
|             |              |                                |      |                   | B_TestMode      | .         |      |
|             |              |                                |      |                   | B_TstModHvac    | .         |      |
|             |              |                                |      |                   | D_DriverSetPts  | .         |      |
|             |              |                                |      |                   | D_OnOffPassSw   | .         |      |
|             |              |                                |      |                   | D_PassSetPts    | .         |      |
|             |              |                                |      |                   | I_BatMonMod54   | A54.J1:24 | 6.1  |
|             |              |                                |      |                   | I_CoilTherSe    | A47.J1:11 | 18.3 |
|             |              |                                |      |                   | I_DrvTempSe     | A55.J1:1  | 18.1 |
|             |              |                                |      |                   | I_FireExt1stAl  | A36.JB:23 |      |
|             |              |                                |      |                   | I_FireExt2ndAlm | A44.J1:10 |      |
|             |              |                                |      |                   | I_FireSensorA36 | A41.J1:10 | 9.1  |
|             |              |                                |      |                   | I_FrontOutTemp  | A47.J1:14 | 18.3 |
|             |              |                                |      |                   | I_OutDoorTempSe | A54.J1:14 | 18.1 |
| A54.J1:4    | O_ACWaterPm  | Hvac Water Pump                | 18.2 |                   | B_BatterySaver  | .         |      |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name  | Description                  | Page | Connected devices | Input involved   |           |      |
|-------------|--------------|------------------------------|------|-------------------|------------------|-----------|------|
| A54.J1:4    | O_ACWaterPmp | Hvac Water Pump              | 18.2 |                   | B_EngineRun      | .         |      |
|             |              |                              |      |                   | B_OneAltCharging | .         |      |
|             |              |                              |      |                   | B_TestMode       | .         |      |
|             |              |                              |      |                   | B_TstModHvac     | .         |      |
|             |              |                              |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |              |                              |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |              |                              |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |              |                              |      |                   | D_OnOffPassSw    | .         |      |
|             |              |                              |      |                   | D_PassSetPts     | .         |      |
|             |              |                              |      |                   | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |              |                              |      |                   | I_FireExt1stAl   | A36.JB:23 |      |
|             |              |                              |      |                   | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |              |                              |      |                   | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |              |                              |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |
|             |              |                              |      |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A54.J1:5    | O_CndSpd1Rel | Condensor Fan Speed 1 Relay  | 18.2 | R10:2             | B_BatterySaver   | .         |      |
|             |              |                              |      |                   | B_EngineRun      | .         |      |
|             |              |                              |      |                   | B_LowVoltage     | .         |      |
|             |              |                              |      |                   | B_TestMode       | .         |      |
|             |              |                              |      |                   | B_TstModHvac     | .         |      |
|             |              |                              |      |                   | D_DriverSetPts   | .         |      |
|             |              |                              |      |                   | D_OnOffPassSw    | .         |      |
|             |              |                              |      |                   | D_PassSetPts     | .         |      |
|             |              |                              |      |                   | I_AcPresHiSse    | A52.J1:13 | 18.2 |
|             |              |                              |      |                   | I_AcPresLoSse    | A52.J1:14 | 18.2 |
|             |              |                              |      |                   | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |              |                              |      |                   | I_CoilTherSe     | A47.J1:11 | 18.3 |
|             |              |                              |      |                   | I_DrvTempSe      | A55.J1:1  | 18.1 |
|             |              |                              |      |                   | I_FireExt1stAl   | A36.JB:23 |      |
|             |              |                              |      |                   | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |              |                              |      |                   | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |              |                              |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |
|             |              |                              |      |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A54.J1:7    | O_EvaSpd1Rel | Evaporator Fan Speed 1 Relay | 18.2 | R12:2             | B_BatterySaver   | .         |      |
|             |              |                              |      |                   | B_EngineRun      | .         |      |
|             |              |                              |      |                   | B_LowVoltage     | .         |      |
|             |              |                              |      |                   | B_TestMode       | .         |      |
|             |              |                              |      |                   | B_TstModHvac     | .         |      |
|             |              |                              |      |                   | D_OnOffPassSw    | .         |      |
|             |              |                              |      |                   | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |              |                              |      |                   | I_FireExt1stAl   | A36.JB:23 |      |
|             |              |                              |      |                   | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |              |                              |      |                   | I_FireSensorA36  | A41.J1:10 | 9.1  |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                       | Page | Connected devices | Input involved   |           |      |
|-------------|------------------|-----------------------------------|------|-------------------|------------------|-----------|------|
| A54.J1:8    | O_PasHeatSol     | Passenger Heat Solenoid Valve     | 18.2 | So13:1            | B_BatterySaver   | .         |      |
|             |                  |                                   |      |                   | B_EngineRun      | .         |      |
|             |                  |                                   |      |                   | B_OneAltCharging | .         |      |
|             |                  |                                   |      |                   | B_TestMode       | .         |      |
|             |                  |                                   |      |                   | B_TstModHvac     | .         |      |
|             |                  |                                   |      |                   | B_TstModSAC      | .         |      |
|             |                  |                                   |      |                   | D_AuxFanSpdBit0  | .         |      |
|             |                  |                                   |      |                   | D_AuxFanSpdBit1  | .         |      |
|             |                  |                                   |      |                   | D_AuxFanSpdBit2  | .         |      |
|             |                  |                                   |      |                   | D_DriverSetPts   | .         |      |
|             |                  |                                   |      |                   | D_DrvFnSpdBit0   | .         |      |
|             |                  |                                   |      |                   | D_DrvFnSpdBit1   | .         |      |
|             |                  |                                   |      |                   | D_DrvFnSpdBit2   | .         |      |
|             |                  |                                   |      |                   | D_OnOffPassSw    | .         |      |
|             |                  |                                   |      |                   | D_PassSetPts     | .         |      |
|             |                  |                                   |      |                   | I_BatMonMod54    | A54.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_DefrostHighSw  | A47.J1:10 | 18.1 |
|             |                  |                                   |      |                   | I_DefrostLowSw   | A47.J1:12 | 18.1 |
|             |                  |                                   |      |                   | I_FireExt1stAl   | A36.JB:23 |      |
|             |                  |                                   |      |                   | I_FireExt2ndAlm  | A44.J1:10 |      |
|             |                  |                                   |      |                   | I_FireSensorA36  | A41.J1:10 | 9.1  |
|             |                  |                                   |      |                   | I_FrontOutTemp   | A47.J1:14 | 18.3 |
|             |                  |                                   |      |                   | I_OutDoorTempSe  | A54.J1:14 | 18.1 |
| A55.J1:12   | O_JacobBrk1      | Jacob Brake 1                     | 38.1 |                   | I_RetarderSel    | A55.J1:10 | 12.1 |
| A55.J1:13   | O_SunVisorDown   |                                   | 38.1 |                   | I_VIPSteerWh1    | A55.J1:3  | 38.1 |
|             |                  |                                   |      |                   | I_VIPSteerWh2    | A55.J1:4  | 38.1 |
|             |                  |                                   |      |                   | I_VIPSteerWh5V   | A55.J1:2  | 38.1 |
| A55.J1:14   | O_JacobBrk2      | Jacob Brake 2                     | 38.1 |                   | I_RetarderSel    | A55.J1:10 | 12.1 |
| A55.J1:30   | O_SunVisrDrvPass |                                   | 38.1 | R45:86            | I_VIPSteerWh1    | A55.J1:3  | 38.1 |
|             |                  |                                   |      |                   | I_VIPSteerWh2    | A55.J1:4  | 38.1 |
|             |                  |                                   |      |                   | I_VIPSteerWh5V   | A55.J1:2  | 38.1 |
| A56.J1:1    | O_SldO1MoSpeedA  | Slide-Out 1 Motor Speed Control A | 20.1 |                   | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A56.J1:2    | O_SldO1MoSpeedB  | Slide-Out 1 Motor Speed Control B | 20.1 |                   | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                       | Page | Connected devices | Input involved   |           |      |
|-------------|------------------|-----------------------------------|------|-------------------|------------------|-----------|------|
| A56.J1:2    | O_SldO1MoSpeedB  | Slide-Out 1 Motor Speed Control B | 20.1 |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A56.J1:20   | O_SldO1Motpos    | Slide_Out 1 Motor +               | 20.1 | RS01.B:1          | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A56.J1:21   | O_SldO1SecuPinSo | Slide-Out 1 Security Pins         | 20.1 | SOSO4:1           | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
|             |                  |                                   |      |                   | I_SldO3PBrakeSw  | A58.J1:12 | 20.2 |
| A56.J1:3    | O_SldO1RemoteLed | Slide_Out 1 Remote Led            | 20.1 | SwSo1.A:2         | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1Supply5v  | A56.J1:15 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A56.J1:4    | O_SldO1SealInfSo | Slide_Out 1 Seal Inflating Valve  | 20.1 | SoSo5:1           | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
| A56.J1:5    | O_SldO1SealDefSo | Slide_Out 1 Seal Deflating Valve  | 20.1 | SoSo1:1           | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
| A56.J1:6    | O_SldO1VaccGenSo | Slide_Out 1 Seal Vacuum Generator | 20.1 | SoSo2:1           | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_BatMonMod58    | A58.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                       | Page | Connected devices | Input involved   |           |      |
|-------------|------------------|-----------------------------------|------|-------------------|------------------|-----------|------|
| A56.J1:6    | O_SldO1VaccGenSo | Slide_Out 1 Seal Vacuum Generator | 20.1 | SoSo2:1           | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO3CloseSw   | A58.J1:10 | 20.2 |
|             |                  |                                   |      |                   | I_SldO3LimiOutSw | A58.J1:14 | 20.2 |
|             |                  |                                   |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
|             |                  |                                   |      |                   | I_SldO3OpenSw    | A58.J1:9  | 20.2 |
|             |                  |                                   |      |                   | I_SldO3PBrakeSw  | A58.J1:12 | 20.2 |
| A56.J1:7    | O_SldO1Motneg    | Slide_Out 1 Motor -               | 20.1 | RSO2.B:1          | I_BatMonMod56    | A56.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1CloseSw   | A56.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimiOutSw | A56.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1LimitInSe | A56.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1OpenSw    | A56.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO1PBrakeSw  | A56.J1:12 | 20.1 |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
| A57.J1:1    | O_SldO2MoSpeedA  | Slide-Out 2 Motor Speed Control A | 20.1 |                   | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A57.J1:2    | O_SldO2MoSpeedB  | Slide-Out 2 Motor Speed Control B | 20.1 |                   | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A57.J1:20   | O_SldO2Motpos    | Slide_Out 2 Motor +               | 20.1 | RSO3.B:1          | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A57.J1:3    | O_SldO2RemoteLed | Slide_Out 2 Remote Led            | 20.1 | SwSo2:2           | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                   |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                   |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                   |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |

# MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                      | Page | Connected devices | Input involved   |           |      |
|-------------|------------------|----------------------------------|------|-------------------|------------------|-----------|------|
| A57.J1:3    | O_SldO2RemoteLed | Slide_Out 2 Remote Led           | 20.1 | SwSo2:2           | I_SldO2Supply5v  | A57.J1:15 | 20.1 |
| A57.J1:4    | O_SldO2SealInfSo | Slide_Out 2 Seal Inflating Valve | 20.1 |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
| A57.J1:5    | O_SldO2SealDefSo | Slide_Out 2 Seal Deflating Valve | 20.1 | SoSo3:1           | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                  |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A57.J1:7    | O_SldO2Motneg    | Slide_Out 2 Motor -              | 20.1 | RS04.B:1          | I_BatMonMod57    | A57.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2CloseSw   | A57.J1:10 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimiOutSw | A57.J1:14 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2LimitInSe | A57.J1:11 | 20.1 |
|             |                  |                                  |      |                   | I_SldO2OpenSw    | A57.J1:9  | 20.1 |
|             |                  |                                  |      |                   | I_SldO2PBrakeSw  | A57.J1:12 | 20.1 |
| A58.J1:1    | O_SldO3MoSpeedA  |                                  | 20.2 |                   | I_BatMonMod58    | A58.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                  |      |                   | I_SldO3CloseSw   | A58.J1:10 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimiOutSw | A58.J1:14 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3OpenSw    | A58.J1:9  | 20.2 |
|             |                  |                                  |      |                   | I_SldO3PBrakeSw  | A58.J1:12 | 20.2 |
| A58.J1:2    | O_SldO3MoSpeedB  |                                  | 20.2 |                   | I_BatMonMod58    | A58.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                  |      |                   | I_SldO3CloseSw   | A58.J1:10 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimiOutSw | A58.J1:14 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3OpenSw    | A58.J1:9  | 20.2 |
|             |                  |                                  |      |                   | I_SldO3PBrakeSw  | A58.J1:12 | 20.2 |
| A58.J1:20   | O_SldO3Motpos    |                                  | 20.2 | RS05.B:1          | I_BatMonMod58    | A58.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                  |      |                   | I_SldO3CloseSw   | A58.J1:10 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimiOutSw | A58.J1:14 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimitInSe | A58.J1:11 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3OpenSw    | A58.J1:9  | 20.2 |
|             |                  |                                  |      |                   | I_SldO3PBrakeSw  | A58.J1:12 | 20.2 |
| A58.J1:3    | O_SldO3RemoteLed |                                  | 20.2 | SwSo3:2           | I_BatMonMod58    | A58.J1:24 | 6.1  |
|             |                  |                                  |      |                   | I_SldO1VacPrSe   | A56.J1:13 | 20.1 |
|             |                  |                                  |      |                   | I_SldO3CloseSw   | A58.J1:10 | 20.2 |
|             |                  |                                  |      |                   | I_SldO3LimiOutSw | A58.J1:14 | 20.2 |

## MULTIPLEX OUTPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

[illegible]

# MULTIPLEX INPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name      | Description                                       | Page | Connected devices |
|-------------|------------------|---------------------------------------------------|------|-------------------|
| .           | I_LwWipSpd2Sw    |                                                   |      |                   |
| A36.JB:11   | I_InputTest      |                                                   | 9.1  | Sw13:3            |
| A36.JB:13   | I_BrkLtSeFrSig   | Brake Lights Sensor                               | 12.1 |                   |
| A36.JB:14   | I_EngFanSw       | Radiator Fan Switch                               |      |                   |
| A36.JB:2    | I_IgnKeySw       | Ignition Key switch                               | 3.2  |                   |
| A36.JB:21   | I_RrCutOutSw     | Rear Junction Box CutOut Switch                   | 3.2  |                   |
| A36.JB:22   | I_FrEngStaSw     | Front Engine Start Switch                         | 3.2  |                   |
| A36.JB:23   | I_FireExt1stAl   |                                                   |      |                   |
| A36.JB:4    | I_HazardSw       | Hazard Switch                                     | 26.1 | Sw4:3             |
| A36.JB:5    | I_WakeUp         | Wake up signal (Fire alarm, horn, keyless module) | 9.1  | A41.J1:16         |
| A36.JB:6    | I_AccKeySw       | Accessories Key switch                            | 3.2  |                   |
| A36.JB:9    | I_ParkBrSe       | Parking Brake Sensor                              | 12.1 |                   |
| A41.J1:10   | I_FireSensorA36  | Fire Sensor On A36                                | 9.1  |                   |
| A41.J1:17   | I_LugDorLkSw     | Luggage Door Lock Switch                          | 33.1 |                   |
| A41.J1:18   | I_KeylessLuggUnl | Keyless luggages doors unlock signal              | 29.1 | A31.B:11          |
| A41.J1:19   | I_KeylessLockAll | Keyless lock all doors signal                     | 29.1 | A31.B:22          |
| A41.J1:2    | I_DrvLtSw        | Driver Light Switch                               | 19.1 | Sw24:3            |
| A41.J1:20   | I_LugDorULkSw    | Luggage Door Unlock Switch                        | 33.1 |                   |
| A41.J1:21   | I_KeylessEntReq  |                                                   | 29.1 | A31.B:10          |
| A41.J1:3    | I_HornSw         | Horn Switch                                       | 9.1  |                   |
| A41.J1:4    | I_KeylessDrUnl   | Keyless door unlock signal                        | 29.1 | A31.A:1           |
| A41.J1:5    | I_EntDorOpSe     | Entrance Door Open Sensor                         | 29.1 | D73:A             |
| A41.J1:6    | I_KeylessPanic   | Keyless panic button signal                       | 29.1 | A31.B:8           |
| A41.J1:7    | I_KeylessIntru   | Keyless intrusion signal                          | 29.1 | A31.B:9           |
| A41.J1:8    | I_EntDrUnlockSw  | Entrance door unlock switch                       | 29.1 |                   |
| A41.J1:9    | I_EntDorLockSw   | VIP Entrance Door Lock Switch                     | 29.1 | Sw104:6           |
| A42.J1:18   | I_EngBrOnSe      | Engine Brake ACTIVE Sensor                        |      |                   |
| A42.J1:5    | I_EtherSw        | Ether Switch                                      | 13.1 | Sw23:3            |
| A42.J1:7    | I_LevelLowSw     | Level low switch                                  | 32.1 |                   |
| A42.J1:8    | I_LwWipIntSw     | Lower Wiper Intermitant Switch                    | 34.1 | Sw1.C258:7        |
| A42.J1:9    | I_StopEngSe      | Stop Engine Sensor                                |      |                   |
| A43.J1:20   | I_BlinkSw        | Courtesy Blink Switch                             | 26.1 | Sw1.C258:5        |
| A43.J1:3    | I_HiBeamCallSw   | Hi/Low Beam Switch                                | 26.1 | Sw1.C259:4        |
| A43.J1:4    | I_HdLtPos1Sw     | Head Light Switch Position Markers                | 26.1 |                   |
| A43.J1:6    | I_RevAlrmSw      | Reverse alarm switch                              | 26.3 |                   |
| A43.J1:7    | I_HornSelectSw   | Horn Select switch                                | 9.1  | Sw63A:3           |
| A43.J1:8    | I_HdLtHiLowBmSw  | Head Lights High and Low Beam Switch              | 26.1 | Sw1.C258:8        |
| A44.J1:10   | I_FireExt2ndAlm  |                                                   |      |                   |
| A45.J1:12   | I_HdLtPos2SwLH   | Head Light Switch Beam Position 2 LH              | 26.1 |                   |
| A45.J1:9    | I_LHFIsHsw       | Left Hand Flasher Switch                          | 26.1 |                   |
| A46.J1:24   | I_BatMonMod46    |                                                   | 6.1  | A46.J1:26         |
| A46.J1:9    | I_LwWshSw        | Lower Wiper Washer Switch                         | 34.1 | Sw1.C258:6        |
| A47.J1:10   | I_DefrostHighSw  | Passenger defrost speed increase switch           | 18.1 | Sw122:3           |

# MULTIPLEX INPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

| Module.Pin# | Signal name     | Description                             | Page | Connected devices |
|-------------|-----------------|-----------------------------------------|------|-------------------|
| A47.J1:11   | I_CoilTherSe    | Coil sensing thermostat                 | 18.3 | Se52.A:1          |
| A47.J1:12   | I_DefrostLowSw  | Passenger defrost speed decrease switch | 18.1 | Sw122:4           |
| A47.J1:14   | I_FrontOutTemp  | Front outside temperature sensor        | 18.3 | Se50:B            |
| A47.J1:24   | I_BatMonMod47   |                                         | 6.1  | A47.J1:27         |
| A48.J1:10   | I_HdLtPos2SwRH  | Head Light Switch Beam Position 2 RH    | 26.1 |                   |
| A48.J1:12   | I_RHFlshSw      | Right Hand Flasher Switch               | 26.1 |                   |
| A48.J1:9    | I_EntDrUnSw     | Entrance door unlock switch             | 29.1 | D56:A, D56:B      |
| A49.J1:3    | I_AcDorOpSe     | Condensor Door Open Switch              | 25.1 |                   |
| A49.J1:5    | I_LuggDrUnSe    | Luggages doors unlock sensor            | 24.1 | Sw118:2           |
| A49.J1:9    | I_Alt2Voltage   |                                         | 3.2  |                   |
| A50.J1:11   | I_NeutralSe     | Neutral Signal Sensor                   | 15.1 | A1Gen4.A:41       |
| A50.J1:12   | I_RetdrSig      | Retarder Signal                         | 15.1 | A1Gen4.A:24       |
| A51.J1:10   | I_BrkLtSeRrSig  | Brake Lights Sensor                     | 12.1 |                   |
| A51.J1:12   | I_RHFlshSwRrSig | RH FlasherSwitch Rear Signal            | 26.2 |                   |
| A51.J1:9    | I_LHFlshSwRrSig | LH FlasherSwitch Rear Signal            | 26.2 |                   |
| A52.J1:10   | I_EngFanSpd2    | Engine Fan Signal Speed 2               | 13.1 | A73.J2:9          |
| A52.J1:11   | I_EngCmptLtSw   | Engine Compartment Light Switch         | 25.1 | Sw84.B:1          |
| A52.J1:12   | I_EngDoorSe     | Engine Door Sensor                      | 25.1 |                   |
| A52.J1:13   | I_AcPresHiSse   | Ac Pressure High Side Sensor            | 18.2 | Se23:C            |
| A52.J1:14   | I_AcPresLoSse   | Ac Pressure Low Side Sensor             | 18.2 | Se24:C            |
| A52.J1:9    | I_EngFanSpd1    | Engine Fan Signal Speed 1               | 13.1 | A73.J2:10         |
| A53.J1:10   | I_RrStrtEnSw    | Rear Start Enable Switch                | 3.2  |                   |
| A53.J1:11   | I_EngStaRrSw    | Engine Start Rear Switch                | 3.2  | Sw59:2            |
| A53.J1:12   | I_StartLockOut  |                                         |      |                   |
| A53.J1:24   | I_BatMonMod53   |                                         | 6.1  | A53.J1:26         |
| A53.J1:9    | I_FrStrtEnSw    | Front Start Enable Switch               | 3.2  | Sw58:3            |
| A54.J1:14   | I_OutDoorTempSe | Outside Temperature Sensor              | 18.1 | Se20:B            |
| A54.J1:24   | I_BatMonMod54   |                                         | 6.1  | A54.J1:29         |
| A55.J1:1    | I_DrvTempSe     | Driver Temperature sensor               | 18.1 | Se21:2            |
| A55.J1:10   | I_RetarderSel   | Retarder Selected                       | 12.1 | Sw16:3            |
| A55.J1:17   | I_BackUpCamSw   | Back up camera switch                   | 28.1 | Sw119:3           |
| A55.J1:18   | I_HeadLmpWshSw  |                                         | 34.1 | Sw6:4             |
| A55.J1:19   | I_UpWshSw       | Upper Washer Wiper Switch               | 34.1 | Sw6:3             |
| A55.J1:2    | I_VIPSteerWh5V  |                                         | 38.1 |                   |
| A55.J1:20   | I_UpWiplntSw    | Upper Wiper Intermitant Switch          | 34.1 |                   |
| A55.J1:21   | I_UpWipSw       | Upper Wiper Switch                      | 34.1 | Sw5:6             |
| A55.J1:3    | I_VIPSteerWh1   |                                         | 38.1 | A20.A:1           |
| A55.J1:4    | I_VIPSteerWh2   |                                         | 38.1 | A20.A:2           |
| A55.J1:6    | I_FogLightSw    | Fog Lights Switch                       | 26.3 | Sw3:3             |
| A55.J1:7    | I_CorneringLtSw | Cornering Light Switch                  | 26.3 | Sw99:3            |
| A55.J1:8    | I_DockingLtSw   | Docking Lights Switch                   | 26.3 | Sw99:1            |
| A55.J1:9    | I_LowDockLtsSw  | Low docking lights switch               | 26.3 | Sw102:3           |
| A56.J1:10   | I_SldO1CloseSw  | Slide-Out 1 Close Sw                    | 20.1 | SwSo1.A:4         |

## MULTIPLEX INPUT LIST

O\_xx... = Physical Output Pin ; I\_xx... = Physical Input Pin ; D\_xx... = CAN Network Signal from the HVAC control Head ; B\_xx... = Multiplex system global Network Variable

[illegible]

# MULTIPLEX ERROR MESSAGES LIST

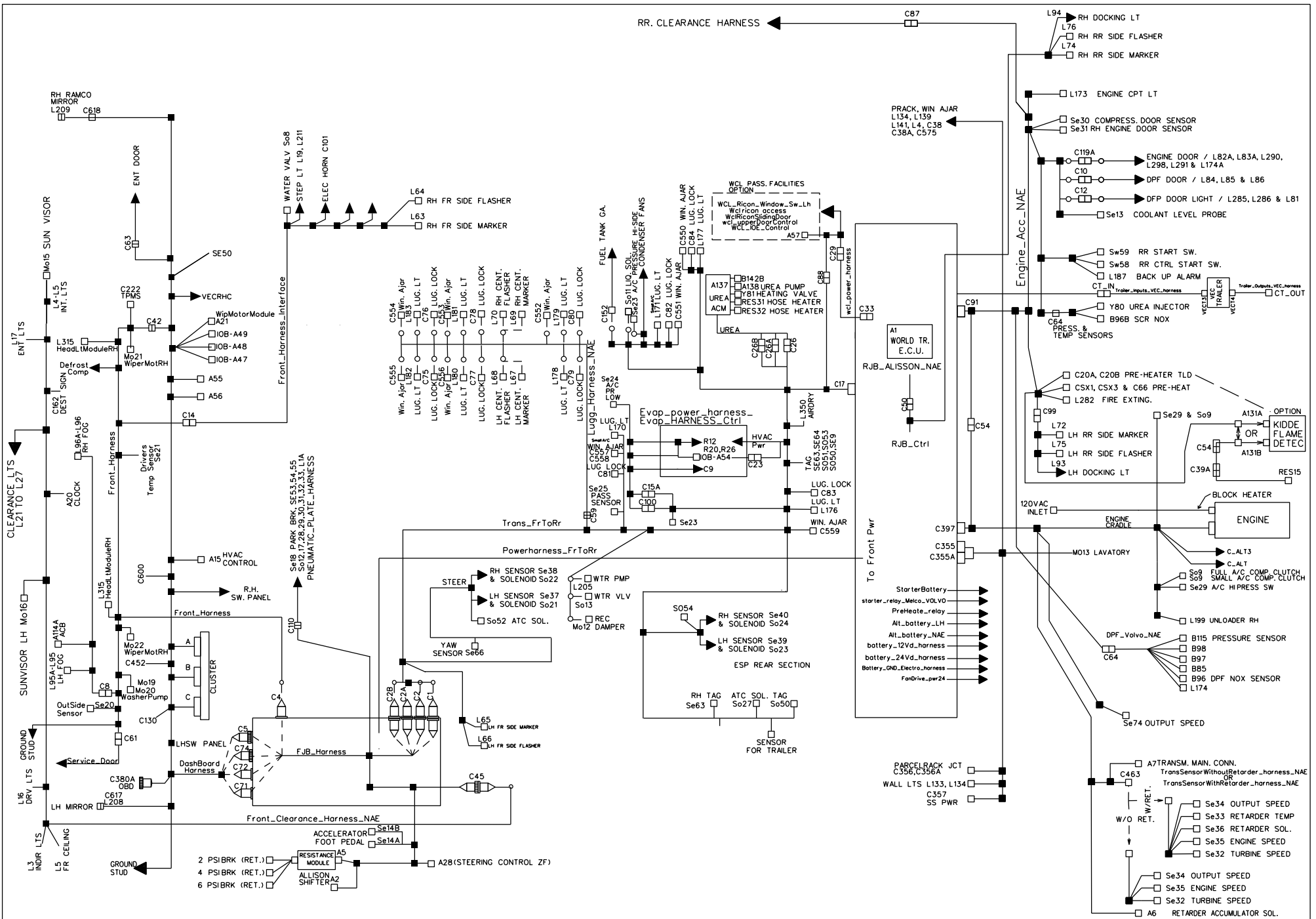
FMI 3 = Shorted High ; FMI 4 = Shorted Low ; FMI 5 = Open Circuit ; FMI 6 = Current above Normal

| Cluster message     | SID/PSID  | FMI        | Module.Pin# | Page | Cluster message     | SID/PSID  | FMI        | Module.Pin# | Page |
|---------------------|-----------|------------|-------------|------|---------------------|-----------|------------|-------------|------|
| A/C Clutch SO9      | PSID #4   | 3, 4, 5, 6 | A52.J1:20   | 18.2 | Flash RH SW1        | PSID #133 | 3, 4       | A48.J1:12   | 26.1 |
| A/C Pres HiSd SE23  | PSID #28  | 3, 4       | A52.J1:13   | 18.2 | Flasher LH Sw1      | PSID #130 | 3, 4       | A45.J1:9    | 26.1 |
| A/C Pres LoSd SE24  | PSID #29  | 3, 4       | A52.J1:14   | 18.2 | Flsh Audibl Rly R16 | PSID #37  | 3, 4, 5, 6 | A45.J1:8    | 26.1 |
| Aux AC fan Mo51     | SID #39   | 3, 4, 6    | A46.J1:1    | 18.3 | Fog's Lights LH L95 | PSID #134 | 3, 4, 6    | A45.J1:4    | 26.3 |
| Aux Refr sol So38   | SID #46   | 3, 4, 6    | A46.J1:8    | 18.3 | Fog's lights RH L96 | PSID #136 | 3, 4, 6    | A48.J1:8    | 26.3 |
| Backup Light & Alm  | PSID #167 | 3, 4, 6    | A50.J1:20   | 26.3 | Foot trap Mo4       | PSID #14  | 3, 4, 6    | A45.J1:2    | 18.1 |
| Blinker SW1         | PSID #139 | 3, 4       | A43.J1:20   | 26.1 | FR Clearance lights | PSID #137 | 3, 4, 6    | A44.J1:8    | 26.1 |
| Brk Lts Sens SE19   | PSID #119 | 3, 4       | A36.JB:13   | 12.1 | Fr Flsh-Mkr LH L62  | PSID #128 | 3, 4, 6    | A45.J1:3    | 26.1 |
| Center Flash LH L70 | PSID #124 | 3, 4, 6    | A50.J1:5    | 26.2 | Fr Side Flsh RH L64 | PSID #10  | 3, 4, 6    | A48.J1:20   | 26.1 |
| Center Flash RH L68 | PSID #125 | 3, 4, 6    | A50.J1:7    | 26.2 | Fr Start SW83       | PSID #58  | 3, 4       | A36.JB:22   | 3.2  |
| Center Mkr L67-L70  | PSID #27  | 3, 4, 6    | A50.J1:8    | 26.2 | Front Flash RH L61  | PSID #126 | 3, 4, 6    | A48.J1:6    | 26.1 |
| Cond Rly spd1 R10   | PSID #41  | 3, 4, 5, 6 | A54.J1:5    | 18.2 | FrontMkr Lts LH L62 | PSID #148 | 3, 4, 6    | A45.J1:21   | 26.1 |
| Cond Rly spd2 R9    | PSID #42  | 3, 4, 5, 6 | A54.J1:1    | 18.2 | FrontMkr Lts RH L61 | PSID #149 | 3, 4, 6    | A48.J1:7    | 26.1 |
| Condensor Door Sw7  | PSID #7   | 3, 4       | A49.J1:3    | 25.1 | FrStart Enable SW58 | PSID #56  | 3, 4       | A53.J1:9    | 3.2  |
| Cornering Dash Sw30 | PSID #200 | 3, 4       | A55.J1:7    | 26.3 | Hazard Switch Sw4   | PSID #138 | 3, 4       | A36.JB:4    | 26.1 |
| Cyclope Lt L81      | PSID #116 | 3, 4, 6    | A51.J1:7    | 26.2 | Hd Light Call SW1   | PSID #140 | 3, 4       | A43.J1:3    | 26.1 |
| Defr water Pmp Mo50 | SID #41   | 3, 4       | A47.J1:20   | 18.3 | HdLamp Wsh Pmp Mo54 | SID #48   | 3, 4, 6    | A46.J1:21   | 34.1 |
| Diff Lock sol So35  | SID #36   | 3, 4, 6    | A52.J1:4    | 37.1 | Head Lights Pos1SW2 | PSID #143 | 3, 4       | A43.J1:4    | 26.1 |
| Docking Dash Sw31   | PSID #3   | 3, 4       | A55.J1:8    | 26.3 | Head Lt Sw Pos2 Sw2 | PSID #11  | 3, 4       | A45.J1:12   | 26.1 |
| Driver Def Fan L198 | PSID #180 | 3, 4, 5, 6 | A47.J1:1    | 18.1 | Hi Low Beam Sw1     | PSID #6   | 3, 4       | A43.J1:8    | 26.1 |
| Driver heat Sol SO8 | PSID #16  | 3, 4, 5, 6 | A46.J1:6    | 18.1 | High Beam LH L60    | PSID #141 | 3, 4, 5, 6 | A45.J1:6    | 26.1 |
| Driver Light L16    | PSID #104 | 3, 4, 5, 6 | A47.J1:6    | 19.1 | High Beam RH L59    | PSID #145 | 3, 4, 5, 6 | A48.J1:3    | 26.1 |
| Driver Light SW24   | PSID #105 | 3, 4       | A41.J1:2    | 19.1 | LH Corner Lts L97   | PSID #120 | 3, 4, 5, 6 | A45.J1:5    | 26.3 |
| Driver Rfg Sol SO7  | PSID #13  | 3, 4, 5, 6 | A46.J1:5    | 18.1 | LH Docking LightL93 | PSID #122 | 3, 4, 5, 6 | A51.J1:4    | 26.3 |
| Driver Sensor SE21  | PSID #12  | 3, 4, 5    | A55.J1:1    | 18.1 | Low Beam LH L60     | PSID #142 | 3, 4, 6    | A45.J1:7    | 26.1 |
| Drv air Trap MO3    | PSID #5   | 3, 4, 6    | A44.J1:2    | 18.1 | Low Beam RH L59     | PSID #146 | 3, 4, 6    | A48.J1:4    | 26.1 |
| Drv Rec Cylind L203 | PSID #30  | 3, 4, 5, 6 | A47.J1:2    | 18.1 | Low Wip Spd1 Mo22   | PSID #184 | 3, 4, 5, 6 | A47.J1:3    | 34.1 |
| Elec Horn L185 L186 | PSID #83  | 3, 4, 6    | A43.J1:13   | 9.1  | Lower Stop Lamps    | PSID #153 | 3, 4, 6    | A50.J1:6    | 26.2 |
| Elec.Horn SW61 SW62 | PSID #82  | 4          | A41.J1:3    | 9.1  | Lower Washer pmp    | PSID #181 | 4, 6       | A46.J1:3    | 34.1 |
| Emergency Relay R21 | PSID #44  | 3, 4, 5, 6 | A36.JA:24   | 3.2  | Lower Washer SW1    | PSID #188 | 3, 4       | A46.J1:9    | 34.1 |
| Eng Brk Active Sig  | PSID #45  | 3, 4       | A42.J1:18   |      | Lower Wip Int SW1   | PSID #183 | 3, 4       | A42.J1:8    | 34.1 |
| Eng Cmpt Bulb L173  | PSID #106 | 3, 4, 5, 6 | A52.J1:5    | 25.1 | Lugg doors lock R30 | SID #44   | 3, 4, 5, 6 | A36.JA:7    | 33.1 |
| Eng Cmpt Sw         | PSID #107 | 3, 4       | A52.J1:11   | 25.1 | Lugg doors unl R32  | SID #45   | 3, 4, 5, 6 | A36.JA:6    | 33.1 |
| Eng Ether SW23      | PSID #50  | 3, 4       | A42.J1:5    | 13.1 | OutDoor Sens SE20   | PSID #161 | 3, 4, 5    | A54.J1:14   | 18.1 |
| Eng Fan Dash SW22   | PSID #55  | 3, 4       | A36.JB:14   |      | Park brak Sens Se18 | PSID #162 | 3, 4       | A36.JB:9    | 12.1 |
| Eng Fan Spd1 Req    | PSID #51  | 3, 4       | A52.J1:9    | 13.1 | Pass def fan Mo25   | SID #38   | 3, 4, 5, 6 | A47.J1:7    | 18.1 |
| Eng Fan Spd2 Req    | PSID #52  | 3, 4       | A52.J1:10   | 13.1 | Pass Heat Sol SO13  | PSID #24  | 3, 4, 6    | A54.J1:8    | 18.2 |
| Eng. Ether Sol SO1  | PSID #49  | 3, 4, 6    | A52.J1:6    | 13.1 | Pass Rfg Sol SO11   | PSID #23  | 3, 4, 5, 6 | A54.J1:3    | 18.2 |
| Engine Fan Spd1 MO2 | PSID #53  | 3, 4, 5, 6 | A52.J1:1    | 13.1 | Pass. Wtr pump MO12 | PSID #17  | 4, 6       | A54.J1:4    | 18.2 |
| Engine Fan Spd2 MO2 | PSID #54  | 3, 4, 5, 6 | A52.J1:2    | 13.1 | Rear CutOut Sw82    | PSID #18  | 3, 4       | A36.JB:21   | 3.2  |
| Evap Motor Rly R12  | PSID #77  | 3, 4, 5, 6 | A54.J1:7    | 18.2 | RearFish LH L71 L75 | PSID #131 | 3, 4, 6    | A51.J1:21   | 26.2 |
| Evap Spd Ctrl MO9   | PSID #78  | 4, 6       | A54.J1:2    | 18.2 | RearFish RH L73 L76 | PSID #132 | 3, 4, 6    | A51.J1:3    | 26.2 |
| Fire Sensor         | PSID #79  | 3, 4       | A41.J1:10   | 9.1  | Retarder signal     | PSID #164 | 3, 4       | A50.J1:12   | 15.1 |

# MULTIPLEX ERROR MESSAGES LIST

FMI 3 = Shorted High ; FMI 4 = Shorted Low ; FMI 5 = Open Circuit ; FMI 6 = Current above Normal

| Cluster message     | SID/PSID  | FMI        | Module.Pin# | Page |  |  |  |  |  |
|---------------------|-----------|------------|-------------|------|--|--|--|--|--|
| Rev lights L91 L92  | SID #43   | 3, 4, 5, 6 | A50.J1:3    | 26.3 |  |  |  |  |  |
| RH Corner Light L98 | PSID #121 | 3, 4, 5, 6 | A48.J1:5    | 26.3 |  |  |  |  |  |
| RH Docking LightL94 | PSID #123 | 3, 4, 5, 6 | A51.J1:5    | 26.3 |  |  |  |  |  |
| RJB fan Mo53        | SID #37   | 3, 4, 6    | A53.J1:5    | 11.1 |  |  |  |  |  |
| Rr Clearance lights | PSID #151 | 3, 4, 6    | A50.J1:4    | 26.2 |  |  |  |  |  |
| Rr Start SW59       | PSID #59  | 3, 4       | A53.J1:11   | 3.2  |  |  |  |  |  |
| RrStart Enable SW58 | PSID #57  | 3, 4       | A53.J1:10   | 3.2  |  |  |  |  |  |
| Ser Brake Trans A1  | SID #49   | 3, 4, 6    | A51.J1:1    | 15.1 |  |  |  |  |  |
| SldO 5v supply      | SID #23   | 3, 4       | A56.J1:15   | 20.1 |  |  |  |  |  |
| SldO Close Sw       | SID #18   | 3, 4       | A56.J1:10   | 20.1 |  |  |  |  |  |
| SldO Limit In Se    | SID #19   | 3, 4       | A56.J1:11   | 20.1 |  |  |  |  |  |
| SldO Limit Out Se   | SID #20   | 3, 4       | A56.J1:14   | 20.1 |  |  |  |  |  |
| SldO Mot Neg Rly    | SID #15   | 3, 4, 5, 6 | A56.J1:7    | 20.1 |  |  |  |  |  |
| SldO Mot Pos Rly    | SID #16   | 3, 4, 5, 6 | A56.J1:20   | 20.1 |  |  |  |  |  |
| SldO Mot SpeedA Ctr | SID #9    | 3, 6       | A56.J1:1    | 20.1 |  |  |  |  |  |
| SldO Mot SpeedB Ctr | SID #10   | 3, 6       | A56.J1:2    | 20.1 |  |  |  |  |  |
| SldO Open Sw        | SID #17   | 3, 4       | A56.J1:9    | 20.1 |  |  |  |  |  |
| SldO Park Br Signal | SID #8    | 3, 4       | A56.J1:12   | 20.1 |  |  |  |  |  |
| SldO Remote Led     | SID #11   | 3, 4, 5, 6 | A56.J1:3    | 20.1 |  |  |  |  |  |
| SldO Seal Def Sol   | SID #13   | 3, 4, 5, 6 | A56.J1:5    | 20.1 |  |  |  |  |  |
| SldO Seal Inf Sol   | SID #12   | 3, 4, 5, 6 | A56.J1:4    | 20.1 |  |  |  |  |  |
| SldO Secu Pin Sol   | SID #21   | 3, 4, 5, 6 | A56.J1:21   | 20.1 |  |  |  |  |  |
| SldO Vacc Gen Sol   | SID #14   | 3, 4, 5, 6 | A56.J1:6    | 20.1 |  |  |  |  |  |
| SldO Vacuum Sensor  | SID #5    | 3, 4       | A56.J1:13   | 20.1 |  |  |  |  |  |
| Starter Relay SO2   | PSID #60  | 4, 6       | A53.J1:6    | 3.2  |  |  |  |  |  |
| Starter Relay SO2   | PSID #60  | 3, 6       | A53.J1:1    | 3.2  |  |  |  |  |  |
| Stop Eng Signal In  | PSID #62  | 3          | A42.J1:9    |      |  |  |  |  |  |
| SunVisor RlyR41-R45 | SID #54   | 3, 4, 5, 6 | A55.J1:13   | 38.1 |  |  |  |  |  |
| Tail Lights         | PSID #152 | 3, 4, 6    | A51.J1:8    | 26.2 |  |  |  |  |  |
| Trans Neutral Sens  | PSID #168 | 3, 4       | A50.J1:11   | 15.1 |  |  |  |  |  |
| Under Floor lights  | PSID #112 | 4, 6       | A46.J1:20   | 25.1 |  |  |  |  |  |
| Unloader LH L200    | PSID #31  | 3, 4, 6    | A52.J1:8    | 18.2 |  |  |  |  |  |
| Unloader RH L199    | PSID #32  | 3, 4, 6    | A52.J1:21   | 18.2 |  |  |  |  |  |
| Upper Brk Lamp      | PSID #43  | 3, 4, 6    | A51.J1:6    | 26.2 |  |  |  |  |  |
| Upper Wash Pmp MO18 | PSID #189 | 4, 6       | A46.J1:4    | 34.1 |  |  |  |  |  |
| Upper Wash SW6      | PSID #190 | 3, 4       | A55.J1:19   | 34.1 |  |  |  |  |  |
| Upper Wiper Int SW5 | PSID #191 | 3, 4       | A55.J1:20   | 34.1 |  |  |  |  |  |
| Upper Wiper SW5     | PSID #192 | 3, 4       | A55.J1:21   | 34.1 |  |  |  |  |  |
| UpperWiper Mot MO21 | PSID #193 | 3, 4, 6    | A46.J1:2    | 34.1 |  |  |  |  |  |
|                     |           |            |             |      |  |  |  |  |  |
|                     |           |            |             |      |  |  |  |  |  |
|                     |           |            |             |      |  |  |  |  |  |
|                     |           |            |             |      |  |  |  |  |  |



PREVOST

WIRING DIAGRAM

NO:

D062140

PAGE: C

REVISION 0

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                               | P9660               |
|-------------------------------------------|---------------------|
| CHANGE ORDER                              | 2018032             |
| EFFECTIVE VEHICLE                         | R-1453              |
| wiring revision                           | 0                   |
| ACB_Gen2                                  | 0610245             |
| Adaptor Phantom Feed - Radio Antenna      | 22480495            |
| Adaptor Fakra to Motorola - Radio Antenna | 901727              |
| Antenna cable - AM/FM/DBA                 | 901728              |
| ailse_light_extension                     | idemX3_069424       |
| AFSS Eberspasher Harness                  | 0600144             |
| AFSS ProHeat Harness                      | 0600089             |
| AirHorn_harness                           | idemX3_0610004      |
| Aisle_lights_harness                      | 0600110             |
| Alt_battery_LH                            | 060682              |
| Alt_battery_LH_REMY                       | 0610053             |
| Alt_battery                               | 060684              |
| Alt_battery_REMY                          | 0610052             |
| Alt_chassis_GND                           | idemX3_060264       |
| Alt_chassis_GND_REMY                      | 0610034             |
| Alt_Jumper_Power                          | idemX3_060265       |
| Alt_LH_chassis_GND                        | idemX3_069504       |
| Alt_LH_chassis_GND_REMY                   | 0610035             |
| Alternator_Ctrl_RH_harness_BOSCH          | 0600111             |
| Alternator_Ctrl_RH_harness_REMY           | 0600113             |
| Alternator_Ctrl_LH_harness_BOSCH          | 0600112             |
| Alternator_Ctrl_LH_harness_REMY           | 0600114             |
| Batt_charger_120V_inlet                   | 0600155             |
| Batt_charger_120V_Xantrex                 | 0600133             |
| battery_12Vd_harness                      | 060686              |
| battery_24Vd_harness                      | 060691              |
| Battery_Cable                             | 062371              |
| Battery_GND_Electro_harness               | 060693              |
| Battery_Gnd_Harness                       | 063592_microstation |
| Beru_antenna                              | idemX3_0610143      |
| Beru_Fjb                                  | idemX3_0610142      |
| Brigade to infotainment harness           | 0610604             |
| Bumper_Harness_Acb                        | 0600026             |
| Bumper_Harness_Acb_Fog                    | 0600025             |
| Cable adapteur 120v Pour conducteur       | 0600090             |
| Comp_Bitzer                               | idemMth_061482      |
| Comp_Bock                                 | IDEM VIP0610550     |
| Destination_Sign_Emergency_Sw124          | IdemX3_069944       |
| Destination_Sign_Front_To_Side            | IdemX3_069941       |
| Destination_Sign_Interconn_Side_Rear      | IdemX3_069942       |
| Destination_Sign_Interconnection          | IdemX3_069940       |
| Destination_Sign_Rear                     | IdemX3_069943       |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                            | P9660                  |
|----------------------------------------|------------------------|
| CHANGE ORDER                           | 2018032                |
| EFFECTIVE VEHICLE                      | R-1453                 |
| wiring revision                        | 0                      |
| booster_positive_Harness               | 060692                 |
| Cablage__ASM                           | 061180_JPEG            |
| Dash                                   | 0600007                |
| Docking Cornering Sw.                  | 0610012 / 066613 (SAV) |
| Entrance_Door_Harness                  | 0600013                |
| SCR Cmpt Clearance lights Harness      | 0600031                |
| DPF_Door_light                         | 0600046                |
| DPF_Volvo                              | 060746                 |
| Driver_120VAC_Outlet                   | Idem X3_0610152        |
| electric_horn                          | 0600018                |
| Electronic Mirrors Harness             | 0610486                |
| Eng_Cradle_Allisson                    | 0600115                |
| Eng_Cradle_Ishift                      | 0600121                |
| Engine_Acc                             | 0600120                |
| Engine_chassis_GND                     | IdemX3_060306          |
| ENGINE_DOOR                            | 060748                 |
| Engine_Block_Heater_Harness            | Idem X3_0610126        |
| equilizer_harness_Vanner               | 060855                 |
| Evap_HARNESS_Ctrl                      | 060804                 |
| Evap_Power_GND_harness                 | idemX3_060527          |
| Evap_power_harness_                    | IdemX3_060529          |
| FanDrive_harness                       | IdemX3_068820          |
| FanDrive_pwr24                         | idemX3_069245          |
| FanDrive_pwrGnd                        | idemX3_069246          |
| FJB                                    | 0600000                |
| AFSS Pro-Heat interface                | 0600089                |
| FJB_TransAlisson                       | 0600003                |
| FJB_TransIShift                        | 0600021                |
| Flame_Detector_Ext_Harness             | 061046                 |
| Front_Clearance_Harness                | 0600011                |
| Front_flip_screen                      | IdemX3_060099          |
| Front_Harness                          | 0600001                |
| Front_Harness_Interface                | 0600123                |
| Fuel_gauge_harness                     | idemX3_060087          |
| Indiv_Headset_Radios_PWR               | 401420                 |
| Inter_Batt_cable                       | 061036                 |
| Interior_Light_access                  | 0600009                |
| INVerter_120Vac_LH (Option 1 inverter) | 0600150                |
| INVerter_120Vac_LH (Option 2 inverter) | 0600147                |
| INVerter_120Vac_RH                     | 0600096                |
| 24V_Inverter_harness                   | 0600137                |
| InverterJonctionNegatif                | 060819                 |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                              | P9660         |
|------------------------------------------|---------------|
| CHANGE ORDER                             | 2018032       |
| EFFECTIVE VEHICLE                        | R-1453        |
| wiring revision                          | 0             |
| InverterJonctionNegatif2                 | 061149        |
| InverterJonctionPositif                  | 060019        |
| ISM_RELAY_Prack                          | 0610200       |
| JUMPER_120VAC_WCL                        | 068937        |
| Jumper_Y_120Vac                          | 068221        |
| Lavatory                                 | 060833        |
| Led Pied conducteur                      | 0600078       |
| LH_CONSOLE                               | Cancel        |
| LH_Console Alisson                       | 0600003       |
| LH_Console I_Shift                       | 0600021       |
| ENGINE_LINEAR_THERMAL_Harness            | 0610154       |
| Linear_thermal_WO_afss                   | idemH3_069175 |
| Lugg_Harness_H341                        | 0610010       |
| Lugg_Harness_H345                        | 0600051       |
| Outlet_120vac_P Rack X3_Seul             | 0600131       |
| ParcelRackJB                             | 0600029       |
| Plug_for_2_sliding_seats                 | 067984        |
| Plug_for_3_sliding_seats                 | 068321        |
| Pneumatic_Plate_harness                  | 0600020       |
| Power_harness_45pi                       | 0600014       |
| Power_harness_41pi                       | 0600017       |
| Power_RH_Splitter_harness                | 060654        |
| Power_Steering_Ctrl                      | 0600015       |
| PowerVecr                                | 060870        |
| PreHeate_relay                           | 060872        |
| PreHeater_GND                            | idemX3_060308 |
| Preheater_Thermal_harness                | idemX3_067676 |
| Preheater_ON_W_Batt_Charger              | idemX3_060092 |
| Preheater_ON_W_HVAC                      | idemX3_060093 |
| ProHeat_Interface                        | idemX3_060228 |
| ProHeat_Timer_Harness                    | 060016        |
| Proheat_To_RJB_harness                   | 0610115       |
| RadiatorChassisGnd                       | idemX3_069279 |
| Radiator door harness                    | 061153        |
| Reading_Light_RH_Standard                | 0600041       |
| Reading_Light_LH_Standard                | 0600040       |
| Rear_wheel_sub_harness                   | 0610473       |
| Relay_Melco_batt                         | idemX3_069542 |
| Resistor for speakers impedance matching | 0600088       |
| RHC_PowerHarness                         | 0600006       |
| RJB_ALISSON                              | 0600023       |
| RJB_Ctrl                                 | 0600085       |

# VEHICLE HARNESS ROADMAP

|                                                      |                |
|------------------------------------------------------|----------------|
| <b>DESCRIPTION</b>                                   | <b>P9660</b>   |
| <b>CHANGE ORDER</b>                                  | <b>2018032</b> |
| <b>EFFECTIVE VEHICLE</b>                             | <b>R-1453</b>  |
| <b>wiring revision</b>                               | <b>0</b>       |
| RJB_ISHIFT                                           | 0600024        |
| Rear_clearance_harness                               | 0600030        |
| RH modesty panel AV                                  | 0610605        |
| Roof_Haches_W_Fan                                    | 0600108        |
| Service_Door_Harness                                 | 0600012        |
| Sound_System_AuxHarness                              | 062817         |
| Sound_System_Harness                                 | 062799         |
| Sound_System_Prack_Harness                           | 063106         |
| Sound_system_pwr_harness                             | 0600083        |
| SpherosTimerHarness                                  | 0600089        |
| Starter_chassis_GND                                  | idemX3_060307  |
| starter_relay_Melco_VOLVO                            | 060711         |
| StarterBattery                                       | 060712         |
| SubWofferExtHarness                                  | idemH3_066743  |
| TPMS_antennas                                        | 0600008        |
| Trailer_Inputs_VEC_harness                           | 060722         |
| Trailer_Outputs_VEC_harness                          | 060723         |
| Trans_Fr_to_Rr_H345                                  | 0600010        |
| TransSensorWithoutRetarder_harness                   | IDEMX3_0610588 |
| TransSensorWithRetarder_harness                      | IDEMX3_0610586 |
| Stairs_UpperSection_Harness                          | 0600032        |
| Stairs_LowerSection_Harness                          | 0600033        |
| Urea_Harness                                         | 0610590        |
| USB_5V_Harness                                       | IdemX3_060660  |
| USB_Ipod_harness                                     | idemX3_901349  |
| Wall_LedStrip_Ext_WCL                                | 0600044        |
| WCL_IOE_Control                                      | 0600117        |
| wcl_power_harness                                    | 060728         |
| Wcl Ricon Access                                     | IdemCOM069744  |
| Wcl ricon lighting                                   | 061248         |
| WCL_RICON_Lighting_Jumper                            | 069065         |
| WCL_Ricon_Window_Sw_Lh                               | 0600048        |
| WCL_Ricon_Window_Sw_RH                               | 0600050        |
| wcl_upperDoorControl                                 | 0600080        |
| WclRiconSlidingDoor                                  | 069992         |
| wifi_system_gnd                                      | idemX3_069925  |
| Win_Ajar_FJB                                         | idemX3_060574  |
| Win_ajar_window_side_LH                              | see 0600083    |
| Win_ajar_window_side_RH                              | see 0600084    |
| Win_ajar_window_Ricon_RH                             | 060757         |
| Windshield_Washer_Harness                            | 0600019        |
| Wind Ajar, Curb Lights and câblage système de son LH | 0600083        |
| Wind Ajar, Curb Lights RH                            | 0600084        |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                               | P9660               | P9660   |
|-------------------------------------------|---------------------|---------|
| CHANGE ORDER                              | 2018032             | 2022123 |
| EFFECTIVE VEHICLE                         | R-1453              |         |
| wiring revision                           | 0                   | 6       |
| ACB_Gen2                                  | 0610245             |         |
| Adaptor Phantom Feed - Radio Antenna      | 22480495            |         |
| Adaptor Fakra to Motorola - Radio Antenna | 901727              |         |
| Antenna cable - AM/FM/DBA                 | 901728              |         |
| ailse_light_extension                     | idemX3_069424       |         |
| AFSS Eberspasher Harness                  | 0600144             |         |
| AFSS ProHeat Harness                      | 0600089             |         |
| AirHorn_harness                           | idemX3_0610004      |         |
| Aisle_lights_harness                      | 0600110             |         |
| Alt_battery_LH                            | 060682              |         |
| Alt_battery_LH_REMY                       | 0610053             |         |
| Alt_battery                               | 060684              |         |
| Alt_battery_REMY                          | 0610052             |         |
| Alt_chassis_GND                           | idemX3_060264       |         |
| Alt_chassis_GND_REMY                      | 0610034             |         |
| Alt_Jumper_Power                          | idemX3_060265       |         |
| Alt_LH_chassis_GND                        | idemX3_069504       |         |
| Alt_LH_chassis_GND_REMY                   | 0610035             |         |
| Alternator_Ctrl_RH_harness_BOSCH          | 0600111             |         |
| Alternator_Ctrl_RH_harness_REMY           | 0600113             |         |
| Alternator_Ctrl_LH_harness_BOSCH          | 0600112             |         |
| Alternator_Ctrl_LH_harness_REMY           | 0600114             |         |
| Batt_charger_120V_inlet                   | 0600155             |         |
| Batt_charger_120V_Xantrex                 | 0600133             |         |
| battery_12Vd_harness                      | 060686              |         |
| battery_24Vd_harness                      | 060691              |         |
| Battery_Cable                             | 062371              |         |
| Battery_GND_Electro_harness               | 060693              |         |
| Battery_Gnd_Harness                       | 063592_microstation |         |
| Beru_antenna                              | idemX3_0610143      |         |
| Beru_Fjb                                  | idemX3_0610142      |         |
| Brigade to infotainment harness           | 0610604             |         |
| Bumper_Harness_Acb                        | 0600026             |         |
| Bumper_Harness_Acb_Fog                    | 0600025             |         |
| Cable adapteur 120v Pour conducteur       | 0600090             |         |
| Comp_Bitzer                               | idemMth_061482      |         |
| Comp_Bock                                 | IDEM VIP0610550     |         |
| Destination_Sign_Emergency_Sw124          | IdemX3_069944       |         |
| Destination_Sign_Front_To_Side            | IdemX3_069941       |         |
| Destination_Sign_Interconn_Side_Rear      | IdemX3_069942       |         |
| Destination_Sign_Interconnection          | IdemX3_069940       |         |
| Destination_Sign_Rear                     | IdemX3_069943       |         |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                            | P9660                  | P9660   |
|----------------------------------------|------------------------|---------|
| CHANGE ORDER                           | 2018032                | 2022123 |
| EFFECTIVE VEHICLE                      | R-1453                 |         |
| wiring revision                        | 0                      | 6       |
| booster_positive_Harness               | 060692                 |         |
| Cablage__ASM                           | 061180_JPEG            |         |
| Dash                                   | 0600007                |         |
| Docking Cornering Sw.                  | 0610012 / 066613 (SAV) |         |
| Entrance_Door_Harness                  | 0600013                |         |
| SCR Cmpt Clearance lights Harness      | 0600031                |         |
| DPF_Door_light                         | 0600046                |         |
| DPF_Volvo                              | 060746                 |         |
| Driver_120VAC_Outlet                   | Idem X3_0610152        |         |
| electric_horn                          | 0600018                |         |
| Electronic Mirrors Harness             | 0610486                |         |
| Eng_Cradle_Allisson                    | 0600115                |         |
| Eng_Cradle_Ishift                      | 0600121                |         |
| Engine_Acc                             | 0600120                |         |
| Engine_chassis_GND                     | IdemX3_060306          |         |
| ENGINE_DOOR                            | 060748                 |         |
| Engine_Block_Heater_Harness            | Idem X3_0610126        |         |
| equilizer_harness_Vanner               | 060855                 |         |
| Evap_HARNESS_Ctrl                      | 060804                 |         |
| Evap_Power_GND_harness                 | idemX3_060527          |         |
| Evap_power_harness__                   | IdemX3_060529          |         |
| FanDrive_harness                       | IdemX3_068820          |         |
| FanDrive_pwr24                         | idemX3_069245          |         |
| FanDrive_pwrGnd                        | idemX3_069246          |         |
| FJB                                    | 0600000                |         |
| AFSS Pro-Heat interface                | 0600089                |         |
| FJB_TransAlisson                       | 0600003                |         |
| FJB_TransIShift                        | 0600021                |         |
| Flame_Detector_Ext_Harness             | 061046                 |         |
| Front_Clearance_Harness                | 0600011                |         |
| Front_flip_screen                      | IdemX3_060099          |         |
| Front_Harness                          | 0600001                |         |
| Front_Harness_Interface                | 0600123                |         |
| Fuel_gauge_harness                     | idemX3_060087          |         |
| Indiv_Headset_Radios_PWR               | 401420                 |         |
| Inter_Batt_cable                       | 061036                 |         |
| Interior_Light_access                  | 0600009                |         |
| INVerter_120Vac_LH (Option 1 inverter) | 0600150                |         |
| INVerter_120Vac_LH (Option 2 inverter) | 0600147                |         |
| INVerter_120Vac_RH                     | 0600096                |         |
| 24V_Inverter_harness                   | 0600137                |         |
| InverterJonctionNegatif                | 060819                 |         |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                              | P9660         | P9660   |
|------------------------------------------|---------------|---------|
| CHANGE ORDER                             | 2018032       | 2022123 |
| EFFECTIVE VEHICLE                        | R-1453        |         |
| wiring revision                          | 0             | 6       |
| InverterJonctionNegatif2                 | 061149        |         |
| InverterJonctionPositif                  | 060019        |         |
| ISM_RELAY_Prack                          | 0610200       |         |
| JUMPER_120VAC_WCL                        | 068937        |         |
| Jumper_Y_120Vac                          | 068221        |         |
| Lavatory                                 | 060833        |         |
| Led Pied conducteur                      | 0600078       |         |
| LH_CONSOLE                               | Cancel        |         |
| LH_Console Alisson                       | 0600003       |         |
| LH_Console I_Shift                       | 0600021       |         |
| ENGINE_LINEAR_THERMAL_Harness            | 0610154       |         |
| Linear_thermal_WO_afss                   | idemH3_069175 |         |
| Lugg_Harness_H341                        | 0610010       |         |
| Lugg_Harness_H345                        | 0600051       |         |
| Outlet_120vac_P Rack X3_Seul             | 0600131       |         |
| ParcelRackJB                             | 0600029       |         |
| Plug_for_2_sliding_seats                 | 067984        |         |
| Plug_for_3_sliding_seats                 | 068321        |         |
| Pneumatic_Plate_harness                  | 0600020       |         |
| Power_harness_45pi                       | 0600014       |         |
| Power_harness_41pi                       | 0600017       |         |
| Power_RH_Splitter_harness                | 060654        |         |
| Power_Steering_Ctrl                      | 0600015       |         |
| PowerVecr                                | 060870        |         |
| PreHeate_relay                           | 060872        |         |
| PreHeater_GND                            | idemX3_060308 |         |
| Preheater_Thermal_harness                | idemX3_067676 |         |
| Preheater_ON_W_Batt_Charger              | idemX3_060092 |         |
| Preheater_ON_W_HVAC                      | idemX3_060093 |         |
| ProHeat_Interface                        | idemX3_060228 |         |
| ProHeat_Timer_Harness                    | 060016        |         |
| Proheat_To_RJB_harness                   | 0610115       |         |
| RadiatorChassisGnd                       | idemX3_069279 |         |
| Radiator door harness                    | 061153        |         |
| Reading_Light_RH_Standard                | 0600041       |         |
| Reading_Light_LH_Standard                | 0600040       |         |
| Rear_wheel_sub_harness                   | 0610473       |         |
| Relay_Melco_batt                         | idemX3_069542 |         |
| Resistor for speakers impedance matching | 0600088       |         |
| RHC_PowerHarness                         | 0600006       |         |
| RJB_ALISSON                              | 0600023       | 0600334 |
| RJB_Ctrl                                 | 0600085       |         |

# VEHICLE HARNESS ROADMAP

| DESCRIPTION                                          | P9660          | P9660   |
|------------------------------------------------------|----------------|---------|
| CHANGE ORDER                                         | 2018032        | 2022123 |
| EFFECTIVE VEHICLE                                    | R-1453         |         |
| wiring revision                                      | 0              | 6       |
| RJB_ISHIFT                                           | 0600024        |         |
| Rear_clearence_harness                               | 0600030        |         |
| RH modesty panel AV                                  | 0610605        |         |
| Roof_Haches_W_Fan                                    | 0600108        |         |
| Service_Door_Harness                                 | 0600012        |         |
| Sound_System_AuxHarness                              | 062817         |         |
| Sound_System_Harness                                 | 0600180        |         |
| Sound_System_Prack_Harness                           | 063106         |         |
| Sound_system_pwr_harness                             | 0600083        |         |
| SpherosTimerHarness                                  | 0600089        |         |
| Starter_chassis_GND                                  | idemX3_060307  |         |
| starter_relay_Melco_VOLVO                            | 060711         |         |
| StarterBattery                                       | 060712         |         |
| SubWofferExtHarness                                  | idemH3_066743  |         |
| TPMS_antennas                                        | 0600008        |         |
| Trailer_Inputs_VEC_harness                           | 060722         |         |
| Trailer_Outputs_VEC_harness                          | 060723         |         |
| 0600187                                              | 0600010        | 0600187 |
| TransSensorWithoutRetarder_harness                   | IDEMX3_0610588 |         |
| TransSensorWithRetarder_harness                      | IDEMX3_0610586 |         |
| Stairs_UpperSection_Harness                          | 0600032        |         |
| Stairs_LowerSection_Harness                          | 0600033        |         |
| Urea_Harness                                         | 0610590        |         |
| USB_5V_Harness                                       | IdemX3_060660  |         |
| USB_Ipod_harness                                     | idemX3_901349  |         |
| Wall_LedStrip_Ext_WCL                                | 0600044        |         |
| WCL_IOE_Control                                      | 0600117        |         |
| wcl_power_harness                                    | 060728         |         |
| Wcl Ricon Access                                     | IdemCOM069744  |         |
| Wcl ricon lighting                                   | 061248         |         |
| WCL_RICON_Lighting_Jumper                            | 069065         |         |
| WCL_Ricon_Window_Sw_Lh                               | 0600048        |         |
| WCL_Ricon_Window_Sw_RH                               | 0600050        |         |
| wcl_upperDoorControl                                 | 0600080        |         |
| WclRiconSlidingDoor                                  | 069992         |         |
| wifi_system_gnd                                      | idemX3_069925  |         |
| Win_Ajar_FJB                                         | idemX3_060574  |         |
| Win_ajar_window_side_LH                              | see 0600083    |         |
| Win_ajar_window_side_RH                              | see 0600084    |         |
| Win_ajar_window_Ricon_RH                             | 060757         |         |
| Windshield_Washer_Harness                            | 0600019        |         |
| Wind Ajar, Curb Lights and câblage système de son LH | 0600083        |         |
| Wind Ajar, Curb Lights RH                            | 0600084        |         |

## BREAKERS LIST

[illegible]

## BREAKERS LIST

[illegible]

# CONNECTORS LIST

| No        | Location       | Part # | Gender | No       | Location       | Part # | Gender |
|-----------|----------------|--------|--------|----------|----------------|--------|--------|
| 24SS_OP   | Parcel_Rack_LH | 563071 | male   | A36.JC   | Front          | 562957 | male   |
| 24SS_OP   | Parcel_Rack_LH | 563040 | female | A36A.JA  | Front          | 564325 | male   |
| 24SS_OP_2 | Parcel_Rack_LH | 563071 | male   | A36A.JB  | Front          | 562767 | male   |
| 24SS_OP_2 | Parcel_Rack_LH | 563040 | female | A39.P101 | Parcel_Rack_LH | 563201 | male   |
| A1        | RJB            | 563975 | male   | A39.P901 | Parcel_Rack_LH | 563953 | male   |
| A2        | FJB            | 563984 | male   | A50      | P_Rack         | 563996 | female |
| A5        | Service_Cmpt   | 562428 | female | A60.A    | P_Rack         | 563071 | male   |
| A6        | Engine_Cmpt    | 562427 | male   | A60.B    | P_Rack         | 562706 | female |
| A7        | Rear_Axle_Cmpt | 563979 | male   | A60.C    | P_Rack         | 901110 | male   |
| A8.A      | Dash           | 564698 | male   | A60.D    | P_Rack         | 901110 | male   |
| A9.Cx1    | FJB            | 564041 | female | A60.E    | P_Rack         | 560799 | female |
| A9.Cx2    | FJB            | 563678 | male   | A60.F    | P_Rack         | bidon  | male   |
| A9.Cx3    | FJB            | 564037 | female | A61.A    | Parcel_Rack_LH | 562464 | male   |
| A9.Cx4    | FJB            | 564038 | female | A61.B    | Parcel_Rack_LH | 562465 | male   |
| A10.X1    | Engine_Cmpt    | 563135 | male   | A63      | Roof           | 562090 | male   |
| A10.X3    | Engine_Cmpt    | 563134 | female | A65.A    | Parcel_Rack_LH | 563025 | male   |
| A11       | Dash           | 563142 | male   | A65.B4   | Parcel_Rack_LH | bidon  | male   |
| A12.A     | DriverArea     | 564699 | male   | A65.B5   | Parcel_Rack_LH | bidon  | male   |
| A14.A     | Dash           | 562765 | male   | A65.B6   | Parcel_Rack_LH | bidon  | male   |
| A14.B     | Dash           | 562764 | male   | A65.D    | Parcel_Rack_LH | bidon  | male   |
| A14.C     | Dash           | 562767 | male   | A65.E    | Parcel_Rack_LH | 563071 | male   |
| A14.D     | Dash           | 562766 | male   | A65.G1   | Parcel_Rack_LH | 563071 | male   |
| A15       | Dash           | 562464 | male   | A65.G2   | Parcel_Rack_LH | 563071 | male   |
| A19       | LH_Console     | 562878 | female | A65.G3   | Parcel_Rack_LH | 563071 | male   |
| A20       | FrontRoof      | 562465 | male   | A65.H1   | Parcel_Rack_LH | 561716 | female |
| A21.A     | Dash           | 564038 | female | A65.H2   | Parcel_Rack_LH | 561716 | female |
| A21.B     | Dash           | 564700 | male   | A65.H3   | Parcel_Rack_LH | 561716 | female |
| A22       | Dash           | 564004 | male   | A65.J    | Parcel_Rack_LH | 562465 | male   |
| A23       | P_Rack         | 564004 | male   | A69L.A   | Parcel_Rack_LH | 563025 | male   |
| A24       | P_Rack         | 564004 | male   | A69L.B1  | Parcel_Rack_LH | bidon  | male   |
| A25       | Parcel_Rack_LH | 563025 | male   | A69L.B2  | Parcel_Rack_LH | bidon  | male   |
| A26.P1    | Enginecmpt.    | 562350 | male   | A69L.B3  | Parcel_Rack_LH | bidon  | male   |
| A26.P2    | Enginecmpt.    | 563322 | female | A69L.B4  | Parcel_Rack_LH | bidon  | male   |
| A26.P4    | Enginecmpt.    | 568088 | male   | A69L.C   | Parcel_Rack_LH | bidon  | male   |
| A27       | Service_Cmpt   | 562929 | male   | A69R.A   | Parcel_Rack_RH | 563025 | male   |
| A28       | Service_Cmpt   | 562928 | male   | A69R.B1  | Parcel_Rack_RH | bidon  | male   |
| A29       | FJB            | 564004 | male   | A69R.B2  | Parcel_Rack_RH | bidon  | male   |
| A31       | P_Rack         | 564004 | male   | A69R.B3  | Parcel_Rack_RH | bidon  | male   |
| A34.J     | Enginecmpt.    | 568118 | male   | A69R.B4  | Parcel_Rack_RH | bidon  | male   |
| A34.K     | Enginecmpt.    | 564270 | male   | A69R.C   | Parcel_Rack_RH | bidon  | male   |
| A34.L     | Enginecmpt.    | 564269 | male   | A70a.A   | Parcel_Rack    | 561540 | female |
| A36.JA    | Front          | 562767 | male   | A71      | Dash           | 563884 | male   |
| A36.JB    | Front          | 562765 | male   | A77      | Parcelrack     | 564547 | male   |

# CONNECTORS LIST

| No            | Location     | Part # | Gender | No       | Location       | Part #   | Gender |
|---------------|--------------|--------|--------|----------|----------------|----------|--------|
| A78           | Parcelrack   | 562583 | female | A121.Vsb | Dashboard      | 563678   | male   |
| A79           | Parcelrack   | 562583 | female | A121.Vsc | Dashboard      | 564037   | male   |
| A80           | Parcelrack   | 562479 | female | A121.Vsd | Dashboard      | 564118   | male   |
| A81.CN1       | FJB          | 562767 | male   | A122.A   | Parcel_Rack_LH | 563960   | male   |
| A81.CN3A      | FJB          | 564741 | male   | A122.B   | Parcel_Rack_LH | 563962   | male   |
| A81.CN3B      | FJB          | 564742 | male   | A122.C1  | Parcel_Rack_LH | 563956   | male   |
| A83.A         | FJB          | 565970 | male   | A122.C2  | Parcel_Rack_LH | 563957   | male   |
| A95.A         | P_Rack       | 564489 | female | A122.C3  | Parcel_Rack_LH | 563958   | male   |
| A95.B         | P_Rack       | 562706 | female | A123.A   | Parcel_Rack_LH | 563960   | male   |
| A95.C         | P_Rack       | 562706 | female | A123.B   | Parcel_Rack_LH | 563962   | male   |
| A96.A         | Front        | 563678 | male   | A123.C1  | Parcel_Rack_LH | 563956   | male   |
| A96.B         | Front        | 562795 | male   | A123.C2  | Parcel_Rack_LH | 563957   | male   |
| A97A          | Front        | 563226 | male   | A123.C3  | Parcel_Rack_LH | 563958   | male   |
| A97A          | Front        | 563613 | female | A124.A   | Parcel_Rack_LH | 563960   | male   |
| A97B          | Front        | 563226 | male   | A124.B   | Parcel_rack    | 563962   | male   |
| A97B          | Front        | 563613 | female | A124.C1  | Parcel_rack    | 563956   | male   |
| A97S.A1       | Front        | 564401 | male   | A124.C2  | Parcel_rack    | 563957   | male   |
| A97S.A2       | Front        | 564402 | male   | A124.C3  | Parcel_rack    | 563958   | male   |
| A97S.A3       | Front        | 564403 | male   | A127     | Dashboard      | 562957   | male   |
| A99           | Dash         | 564205 | male   | A128     | Dash           | 563878   | male   |
| A100          | FrontAxelAnt | 563515 | male   | A129     | Parcel_Rack_LH | 563878   | male   |
| A101          | FrontAxelAnt | 563515 | male   | A130     | Driver_Area    | 563226   | male   |
| A102          | FrontAxelAnt | 563515 | male   | A131.A   | Engine_Cmpt    | 561782   | male   |
| A107          | EngineCmpt.  | 560336 | male   | A131.B   | Engine_Cmpt    | 561781   | female |
| A108          | RJB          | 562766 | male   | A137A    | Condensercmpt. | 20429843 | male   |
| A109A         | FJB          | 564141 | male   | A138     | Cond_Cmpt      | 563787   | male   |
| A111          | Lavatory     | 562550 | female | A150     | Modesty_LH     | 562957   | male   |
| A114A         | Bumper       | 564252 | male   | A150LH   | Modesty_LH     | 562957   | male   |
| A116          | Dash         | 563872 | female | A150RH   | Modesty_RH     | 562957   | male   |
| A120.A        | Dash         | 563960 | male   | A152.A   | Parcelrack     | 561550   | male   |
| A120.B        | Dash         | 563962 | male   | A152.B   | Parcelrack     | 563071   | male   |
| A120.C1       | Dash         | 563956 | male   | A152.C   | Parcelrack     | 563071   | male   |
| A120.C2       | Dash         | 563957 | male   | A152.D   | Parcelrack     | 563071   | male   |
| A120.C3       | Dash         | 563958 | male   | A152.E   | Parcelrack     | 563071   | male   |
| A120.USB_COM  | Dash         | 563878 | male   | A152.F   | Parcelrack     | 563071   | male   |
| A120A.J1      | Dashboard    | 563525 | male   | A152.G   | Parcelrack     | 563071   | male   |
| A120A.J2      | Dashboard    | 563526 | female | A152.H   | Parcelrack     | 563071   | male   |
| A120A.J3      | Dashboard    | 563527 | female | A152.I   | Parcelrack     | 563071   | male   |
| A120A.USB     | Dash         | 563878 | male   | A152.J   | Parcelrack     | 563071   | male   |
| A120A.USB_COM | Dash         | 563878 | male   | A152.K   | Parcelrack     | 562779   | male   |
| A121.B        | Dash         | bidon  | male   | A152.L   | Parcelrack     | 562779   | male   |
| A121.USB      | Dash         | 563878 | male   | A162.A   | Front_Roof     | 561690   | male   |
| A121.Vsa      | Dashboard    | 563679 | male   | A162.B   | Front_Roof     | 561782   | male   |

# CONNECTORS LIST

| No       | Location    | Part # | Gender | No       | Location        | Part # | Gender |
|----------|-------------|--------|--------|----------|-----------------|--------|--------|
| A164.A   | Front_Roof  | 561690 | male   | AE49.J3  | RJB             | 565957 | male   |
| A164.B   | Front_Roof  | 561782 | male   | AE50.J1  | RJB             | 563679 | male   |
| A166     | Front_Roof  | 561637 | male   | AE50.J2  | RJB             | 564037 | male   |
| A614.A   | P_RACK      | 561550 | male   | AE50.J3  | RJB             | 565957 | male   |
| A614.C1  | P_RACK      | 563071 | male   | AE51.J1  | RJB             | 563679 | male   |
| A614.C2  | P_RACK      | 563071 | male   | AE51.J2  | RJB             | 564037 | female |
| A614.C3  | P_RACK      | 563071 | male   | AE51.J3  | RJB             | 565957 | male   |
| A614.C4  | P_RACK      | 563071 | male   | AE52.J1  | RJB             | 563679 | male   |
| A614.C5  | P_RACK      | 563071 | male   | AE52.J2  | RJB             | 564037 | female |
| A614.C6  | P_RACK      | 563071 | male   | AE52.J3  | RJB             | 565957 | male   |
| A614.I/O | Parcel_Rack | bidon  | male   | AE53.J1  | RJB             | 563679 | male   |
| A614.P1  | Parcel_Rack | 562783 | male   | AE53.J2  | RJB             | 564037 | female |
| A614.P2  | Parcel_Rack | 562783 | male   | AE53.J3  | RJB             | 565957 | male   |
| A614.P3  | Parcel_Rack | 562783 | male   | AE54.J1  | Evaporatorcmpt. | 563679 | male   |
| AE41.J1  | FJB         | 563679 | male   | AE54.J2  | Evaporatorcmpt. | 564037 | female |
| AE41.J2  | FJB         | 564037 | female | AE54.J3  | Evaporatorcmpt. | 565957 | male   |
| AE41.J3  | FJB         | 564004 | male   | AE55.J1  | Dash            | 563679 | male   |
| AE42.J1  | FJB         | 563679 | male   | AE55.J2  | Dash            | 564037 | female |
| AE42.J2  | FJB         | 564037 | female | AE55.J3  | Dash            | 564004 | male   |
| AE42.J3  | FJB         | 564004 | male   | AE56.J1  | Dash            | 563679 | male   |
| AE43.J1  | FJB         | 563679 | male   | AE56.J2  | Dash            | 564037 | male   |
| AE43.J2  | FJB         | 564037 | male   | AE56.J3  | Dash            | 564004 | male   |
| AE43.J3  | FJB         | 565957 | male   | AE57.J1  | WCLcmpt.        | 563679 | male   |
| AE44.J1  | FJB         | 563679 | male   | AE57.J2  | WCLcmpt.        | 564037 | male   |
| AE44.J2  | FJB         | 564037 | female | AE57.J3  | WCLcmpt.        | 564004 | male   |
| AE44.J3  | FJB         | 565957 | male   | AE58.J1  | P_Rack          | 563679 | male   |
| AE45.J1  | FJB         | 563679 | male   | AE58.J2  | P_Rack          | 564037 | male   |
| AE45.J2  | FJB         | 564037 | female | AE58.J3  | P_Rack          | 565957 | male   |
| AE45.J3  | FJB         | 565957 | male   | Alt_LL.B | Engine_Cmpt     | 564410 | female |
| AE46.J1  | FJB         | 563679 | male   | Alt_UR.B | Engine_Cmpt     | 564469 | female |
| AE46.J2  | FJB         | 564037 | female | AltLL.A  | Enginecmpt.     | 563746 | female |
| AE46.J3  | FJB         | 565957 | male   | AltLL.B  | Enginecmpt.     | 560815 | female |
| AE47.J1  | RH_console  | 563679 | male   | AltLL.C  | Enginecmpt.     | 564469 | female |
| AE47.J2  | RH_console  | 564037 | female | AltLR.A  | enginecmpt.     | 563746 | female |
| AE47.J3  | RH_console  | 565957 | male   | AltLR.B  | Enginecmpt.     | 560815 | female |
| AE48.J1  | RH_console  | 563679 | male   | AltLR.C  | Enginecmpt.     | 564469 | female |
| AE48.J2  | RH_console  | 564037 | female | AltUR.A  | Enginecmpt.     | 563746 | female |
| AE48.J3  | RH_console  | 565957 | male   | AltUR.B  | Enginecmpt.     | 560815 | female |
| AE49.J1  | RJB         | 563679 | male   | AltUR.C  | Enginecmpt.     | 564469 | female |
| AE49.J2  | RJB         | 564037 | male   | B85      | Engine_Cmpt     | 563815 | male   |

# CONNECTORS LIST

| No        | Location        | Part # | Gender | No         | Location        | Part # | Gender |
|-----------|-----------------|--------|--------|------------|-----------------|--------|--------|
| B96       | Engine_Cmpt     | 563821 | male   | C16        | RJB             | 561605 | female |
| B96B      | Engine_Cmpt     | 563823 | male   | C17        | RJB             | 560195 | male   |
| B97       | Engine_Cmpt     | 563816 | male   | C17        | RJB             | 560169 | female |
| B98       | Engine_Cmpt     | 563817 | male   | C18        | FJB             | 561986 | male   |
| B99       | Engine_Cmpt     | 563815 | male   | C18        | FJB             | 561987 | female |
| B115A     | Enginectmpt.    | 564226 | male   | C19        | RJB             | 561986 | male   |
| B142C     | Urea_Cmpt       | 563515 | male   | C19        | RJB             | 561987 | female |
| B310      | Enginectmpt.    | 565967 | male   | C20A       | Evap_Cmpt       | 562485 | male   |
| C1        | FJB             | 563589 | male   | C20A       | Evap_Cmpt       | 562486 | female |
| C1        | FJB             | 563590 | female | C20B       | Evap_Cmpt       | 562485 | male   |
| C1S       | FJB             | 563589 | male   | C20B       | Evap_Cmpt       | 562486 | female |
| C1S       | FJB             | 563590 | female | C22        | FJB             | 561986 | male   |
| C2        | Service_Cmpt    | 563580 | male   | C22        | FJB             | 561987 | female |
| C2        | Service_Cmpt    | 563581 | female | C23        | Evaporatorcmpt. | 564034 | male   |
| C2A       | FJB             | 563580 | male   | C23        | Evaporatorcmpt. | 564035 | female |
| C2A       | FJB             | 563581 | female | C24_plug   | Evap_Cmpt       | 561690 | male   |
| C2B       | FJB             | 563580 | male   | C24_socket | Evap_Cmpt       | 561566 | female |
| C2B       | FJB             | 563581 | female | C25        | P_Rack          | 561734 | male   |
| C3_plug   | RJB             | 563589 | male   | C25        | P_Rack          | 561735 | female |
| C3_socket | RJB             | 563590 | female | C25A       | P_Rack          | 561734 | male   |
| C3AP      | FJB             | 563589 | male   | C25A       | P_Rack          | 561735 | female |
| C3AP      | FJB             | 563590 | female | C26        | Ureacmpt.       | 563226 | male   |
| C3AS      | FJB             | 563589 | male   | C26        | Ureacmpt.       | 563613 | female |
| C3AS      | FJB             | 563590 | female | C26A       | Ureacmpt.       | 568110 | male   |
| C3S       | RJB             | 563593 | male   | C26A       | Ureacmpt.       | 568109 | female |
| C3S       | RJB             | 563590 | female | C26B       | Ureacmpt.       | 563227 | male   |
| C4        | FJB             | 563580 | male   | C26B       | Ureacmpt.       | 563614 | female |
| C4        | FJB             | 563581 | female | C27        | Front           | 563618 | male   |
| C5        | FJB             | 563589 | male   | C27        | Front           | 563616 | female |
| C5        | FJB             | 563590 | female | C28        | Dash            | 561986 | male   |
| C8        | FJB             | 568112 | male   | C28        | Dash            | 561987 | female |
| C8        | FJB             | 568111 | female | C29        | 3rd_Lugg_Cmpt   | 563652 | female |
| C9        | RJB             | 561986 | male   | C29        | 4rd_Lugg_Cmpt   | 563651 | male   |
| C9        | RJB             | 561987 | female | C30        | 3rd_Lugg_Cmpt   | 561710 | male   |
| C10       | Engine_Cmpt     | 562581 | male   | C30        | 3rd_Lugg_Cmpt   | 561709 | female |
| C10       | Engine_Cmpt     | 562583 | female | C31W       | Lugg_Cmpt       | 563227 | male   |
| C12       | Engine_Cmpt     | 562581 | male   | C31W       | Lugg_Cmpt       | 563614 | female |
| C12       | Engine_Cmpt     | 562583 | female | C32        | Lavatory        | 561734 | male   |
| C14       | FJB             | 563580 | male   | C32        | Lavtory         | 561735 | female |
| C14       | FJB             | 563581 | female | C32W       | Lugg_Cmpt       | 561734 | male   |
| C15A      | Evaporatotcmpt. | 568109 | female | C32W       | Lugg_Cmpt       | 561735 | female |
| C15A      | Evapotatorcmpt. | 568110 | male   | C33        | WCLcmpt.        | 564034 | male   |
| C16       | RJB             | 561577 | male   | C33        | WCLcmpt.        | 564035 | female |

# CONNECTORS LIST

| No         | Location             | Part # | Gender | No         | Location         | Part # | Gender |
|------------|----------------------|--------|--------|------------|------------------|--------|--------|
| C34        | Dash                 | 561986 | male   | C59        | RJB              | 561642 | female |
| C34        | Dash                 | 561987 | female | C63        | Entrance_Door    | 562581 | male   |
| C35        | Dash                 | 561986 | male   | C63        | Entrance_Door    | 562583 | female |
| C35        | Dash                 | 561987 | female | C64        | Enginecmpt.      | 568110 | male   |
| C36        | FJB                  | 561986 | male   | C64        | Enginecmpt.      | 568109 | female |
| C36        | FJB                  | 561987 | female | C66_plug   | Evap_Cmpt        | 561577 | male   |
| C37        | P_Rack               | 561986 | male   | C66_socket | Evap_Cmpt        | 561605 | female |
| C37        | P_Rack               | 561987 | female | C71        | FJB              | 561646 | male   |
| C38        | P_Rack               | 561986 | male   | C87        | Engine_Cmpt      | 562485 | male   |
| C38        | P_Rack               | 561987 | female | C87        | Engine_Cmpt      | 562486 | female |
| C38A       | P_Rack               | 561515 | male   | C88        | WCL_Cmpt.        | 563226 | male   |
| C38A       | P_Rack               | 561552 | female | C88        | WCL_Cmpt.        | 563613 | female |
| C39        | Parcelrack           | 562503 | male   | C90        | RJB              | 563582 | male   |
| C39        | Parcelrack           | 562507 | female | C90        | RJB              | 563583 | female |
| C39A       | Firesuppressioncmpt. | 561782 | male   | C91        | RJB              | 562285 | male   |
| C39A       | Firesuppressioncmpt. | 561781 | female | C91        | RJB              | 562282 | female |
| C40W       | P_Rack               | 561515 | male   | C94        | FJB              | 563589 | male   |
| C40W       | P_Rack               | 561552 | female | C99        | Enginecmpt.      | 562581 | male   |
| C41        | RJB                  | 561782 | male   | C99        | Enginecmpt.      | 562583 | female |
| C41        | RJB                  | 561781 | female | C100       | Evaporatorcmpt.  | 562477 | male   |
| C42        | Front                | 562285 | male   | C100       | Evaporatorcmpt.  | 562479 | female |
| C42        | Front                | 562282 | female | C100S      | Evaporator_Cmpt. | 562477 | male   |
| C43        | Front                | 562581 | male   | C100S      | Evaporator_Cmpt. | 562479 | female |
| C43        | Front                | 562583 | female | C107A      | Enginecmpt.      | 562885 | female |
| C44_plug   | FJB                  | 561577 | male   | C107A      | Enginecmpt.      | 562884 | female |
| C44_socket | FJB                  | 561605 | female | C107B      | Enginecmpt.      | 562885 | female |
| C45        | Front                | 561646 | male   | C107B      | Enginecmpt.      | 562884 | female |
| C45        | Front                | 561645 | female | C107C      | Enginecmpt.      | 562885 | female |
| C46        | 3rdlugg.cmpt.        | 562549 | male   | C107C      | Enginecmpt.      | 562884 | female |
| C46        | 3rdlugg.cmpt.        | 562550 | female | C110       | Dash             | 568110 | male   |
| C47        | FJB                  | 565207 | male   | C110       | Dash             | 568109 | female |
| C48        | RJB                  | 565208 | male   | C119A      | Rear_engine_door | 568110 | male   |
| C49        | FJB                  | 562005 | male   | C119A      | Rear_engine_door | 568109 | female |
| C49        | FJB                  | 561714 | female | C129       | Dashboard        | 562464 | male   |
| C54        | Engine_Cmpt.         | 563226 | male   | C129       | Dashboard        | 565871 | female |
| C54        | Engine_Cmpt.         | 563613 | female | C131A      | Engine_Cmpt      | 561782 | male   |
| C54A       | Ureacmpt.            | 568110 | male   | C131A      | Engine_Cmpt      | 561781 | female |
| C54A       | Ureacmpt.            | 568109 | female | C131B      | Engine_Cmpt      | 561782 | male   |
| C54B       | Engine_Cmpt.         | 562477 | male   | C131B      | Engine_Cmpt      | 561781 | female |
| C54B       | Engine_Cmpt.         | 562479 | female | C150       | Modesty_LH       | 562957 | male   |
| C55        | Evap_Cmpt            | 561577 | male   | C150       | Modesty_LH       | 564406 | female |
| C55        | Evap_Cmpt            | 561605 | female | C152       | Cond_Cmpt        | 561611 | male   |
| C59        | RJB                  | 561643 | male   | C152       | Cond_Cmpt        | 561610 | female |

# CONNECTORS LIST

| No          | Location       | Part # | Gender | No             | Location       | Part # | Gender |
|-------------|----------------|--------|--------|----------------|----------------|--------|--------|
| C173        | Modesty_LH     | 563040 | female | C769           | Parcel_Rack    | 901062 | male   |
| C193_plug   | RJB            | 563589 | male   | C769           | Parcel_Rack    | 901283 | female |
| C193_socket | RJB            | 563590 | female | C777           | Dashboard      | 562581 | male   |
| C194        | FJB            | 563589 | male   | C777           | Dashboard      | 562583 | female |
| C194        | FJB            | 563590 | female | C_A69R         | Parcel_Rack    | 563025 | male   |
| C222        | FJB            | 562477 | male   | C_Audio_HDMI_L | Parcel_Rack    | 901062 | male   |
| C222        | FJB            | 562479 | female | C_Audio_HDMI_L | Parcel_Rack    | 901283 | female |
| C279        | Service_Cmpt   | 562479 | female | C_Audio_HDMI_R | Parcel_Rack    | 901062 | male   |
| C355        | RJB            | 563582 | male   | C_Audio_HDMI_R | Parcel_Rack    | 901283 | female |
| C355        | RJB            | 565887 | female | C_AUX          | Parcelrack     | 563071 | male   |
| C380A       | Dash           | 564222 | male   | C_AUX          | Parcelrack     | 563040 | female |
| C380A       | Dash           | 564224 | female | C_LineOut      | Parcelrack     | 563962 | male   |
| C381        | Parcel_Rack    | 561847 | male   | C_LineOut      | Parcelrack     | 564489 | female |
| C382        | Under_Seat     | 561580 | male   | C_Mo9          | Evap_Cmpt      | 561577 | male   |
| C382        | Under_Seat     | 561582 | female | C_Mo9          | Evap_Cmpt      | 561605 | female |
| C397        | RJB            | 562285 | male   | CCAN1          | FJB            | 562650 | male   |
| C397        | RJB            | 562282 | female | CCAN1          | FJB            | 562649 | female |
| C463        | Rearaxlecmpt.  | 568111 | male   | CCAN2          | FJB            | 562650 | male   |
| C463        | Rearaxlecmpt.  | 568112 | female | CCAN2          | FJB            | 562649 | female |
| C464        | FJB            | 564222 | male   | CCAN3          | FJB            | 562650 | male   |
| C464        | FJB            | 564224 | female | CCAN3          | FJB            | 562649 | female |
| C464A       | Dash           | 564222 | male   | CCAN4          | FJB            | 562650 | male   |
| C464A       | Dash           | 564224 | female | CCAN4          | FJB            | 562649 | female |
| C464B       | FJB            | 564222 | male   | CCust          | RJB            | 562477 | male   |
| C464B       | FJB            | 564224 | female | CCust          | RJB            | 562479 | female |
| C465        | Parcelrack     | 562581 | male   | CFHPR1         | Parcelrack     | 564560 | male   |
| C465        | Parcelrack     | 562583 | female | CP1            | Passenger_Area | 561782 | male   |
| C542        | Parcelrack     | 561550 | male   | CP1            | Passenger_Area | 561781 | female |
| C542        | Parcelrack     | 561667 | female | CP2            | Passenger_Area | 561782 | male   |
| C543        | LH_Parcel_Rack | 561607 | male   | CP2            | Passenger_Area | 561781 | female |
| C543        | LH_Parcel_Rack | 561606 | female | CP3            | Passengersarea | 561782 | male   |
| C564        | Parcelrack     | 562503 | male   | CP3            | Passengersarea | 561781 | female |
| C564        | Parcelrack     | 562507 | female | CP4            | Passenger_Area | 561782 | male   |
| C566        | Parcelrack     | 562503 | male   | CP4            | Passenger_Area | 561781 | female |
| C566        | Parcelrack     | 562507 | female | CP5            | Passenger_Area | 561782 | male   |
| C567        | Parcelrack     | 562503 | male   | CP5            | Passenger_Area | 561781 | female |
| C567        | Parcelrack     | 562507 | female | CSX1           | Engine_Cmpt    | 563135 | male   |
| C614        | Passenger_Area | 563071 | male   | CSX1           | Engine_Cmpt    | 563134 | female |
| C614        | Passenger_Area | 563040 | female | CSX3           | Engine_Cmpt    | 563135 | male   |
| C615        | Passenger_Area | 563071 | male   | CSX3           | Engine_Cmpt    | 563134 | female |
| C615        | Passenger_Area | 563040 | female | CT_IN          | Rear_Vehicle   | 560167 | male   |
| C768        | Parcel_Rack    | 901062 | male   | CT_IN          | Rear_Vehicle   | 560159 | female |
| C768        | Parcel_Rack    | 901283 | female | CT_Out         | Rear_Vehicle   | 560233 | female |

# CONNECTORS LIST

| No    | Location          | Part # | Gender | No     | Location         | Part # | Gender |
|-------|-------------------|--------|--------|--------|------------------|--------|--------|
| EI    | Enginecmpt.       | 563739 | male   | L72    | Rear_Vehicle     | 562155 | male   |
| L1A   | Enginecmpt.       | 560774 | male   | L74    | Rear_Vehicle     | 562155 | male   |
| L16.A | Frontroof         | 562615 | female | L75    | Rearenginedoor   | 562155 | male   |
| L16.B | Frontroof         | 562615 | female | L76    | Rear_engine_door | 562155 | male   |
| L17.A | Frontroof         | 562615 | female | L81.A  | Rear_Vehicle     | 562835 | female |
| L17.B | Frontroof         | 562615 | female | L81.B  | Rear_Vehicle     | 562834 | male   |
| L18   | Entrance_Door     | 563590 | female | L82A   | Rearvehicule     | 562348 | female |
| L21   | Upper_front       | 560605 | female | L83A   | Rearvehicule     | 562348 | female |
| L22   | Upper_front       | 560605 | female | L84    | Rear_roof        | 560605 | female |
| L23   | Upper_front       | 560605 | female | L85    | Rear_roof        | 560605 | female |
| L24   | Upper_front       | 560605 | female | L86    | Rear_roof        | 560605 | female |
| L25   | Upper_front       | 560605 | female | L87    | Rear_roof        | 560605 | female |
| L26   | Upper_front       | 560605 | female | L88    | Rear_roof        | 560605 | female |
| L27   | Upper_front       | 560605 | female | L89    | Rear_roof        | 560605 | female |
| L52   | Parcelrack        | 560898 | male   | L90    | Rear_roof        | 560605 | female |
| L52   | Parcelrack        | 560900 | female | L93.B  | Engine_Cmpt.     | 563069 | female |
| L52A  | Parcelrack        | 560898 | male   | L94.B  | Engine_Cmpt.     | 563069 | female |
| L53   | Parcelrack        | 560898 | male   | L95    | Outside_Front_LH | 562485 | male   |
| L53   | Parcelrack        | 560900 | female | L95A   | Outside_Front_LH | 562485 | male   |
| L53A  | Parcelrack        | 560898 | male   | L96    | Outside_Front_RH | 562485 | male   |
| L54   | Parcelrack        | 560898 | male   | L96A   | Outside_Front_RH | 562485 | male   |
| L54   | Parcelrack        | 560900 | female | L140   | Lavatory         | 561247 | male   |
| L54A  | Parcelrack        | 560898 | male   | L142   | Lavatory         | 562006 | female |
| L55   | Parcelrack        | 560898 | male   | L172RH | Modesty_RH       | 564719 | male   |
| L55   | Parcelrack        | 560900 | female | L173   | Parcelrack       | 563590 | female |
| L55A  | Parcelrack        | 560898 | male   | L174A  | Parcelrack       | 563590 | female |
| L56   | Parcelrack        | 560898 | male   | L175   | Engine_Cmpt.     | 563590 | female |
| L56   | Parcelrack        | 560900 | female | L176   | 5th_Lugg_Cmpt    | 561247 | male   |
| L56A  | Parcelrack        | 560898 | male   | L177   | 5th_Lugg_Cmpt    | 561247 | male   |
| L57   | Parcelrack        | 560898 | male   | L178   | 3rd_Lugg_Cmpt    | 561247 | male   |
| L57   | Parcelrack        | 560900 | female | L179   | 3rd_Lugg_Cmpt    | 561247 | male   |
| L57A  | Parcelrack        | 560898 | male   | L180   | 2nd_Lugg_Cmpt    | 561247 | male   |
| L58   | Parcelrack        | 560898 | male   | L181   | 2nd_Lugg_Cmpt    | 561247 | male   |
| L58   | Parcelrack        | 560900 | female | L182   | 1st_Lugg_Cmpt    | 561247 | male   |
| L58A  | Parcelrack        | 560898 | male   | L183   | 1st_Lugg_Cmpt    | 561247 | male   |
| L63   | Front_Side_LH     | 562155 | male   | L184   | Servicecmpt.     | 561247 | male   |
| L64   | Outside_Front_RH  | 562155 | male   | L185.A | Servicecmpt.     | 561539 | male   |
| L65   | Outside_Front_LH  | 562155 | male   | L185.B | Servicecmpt.     | 561539 | male   |
| L66   | Out_Side_Front_LH | 562155 | male   | L186.A | Dash             | 561539 | male   |
| L67   | 4th_Lugg_Cmpt     | 562155 | male   | L186.B | Dash             | 561539 | male   |
| L68   | 4th_Lugg_Cmpt     | 562155 | male   | L187   | Engine_Cmpt      | 561690 | male   |
| L69   | 4th_Lugg_Cmpt     | 562155 | male   | L188   | Service_Cmpt     | 562486 | female |
| L70   | 4th_Lugg_Cmpt     | 562155 | male   | L199   | Enginecmpt.      | 562848 | male   |

# CONNECTORS LIST

| No             | Location           | Part # | Gender | No       | Location        | Part # | Gender |
|----------------|--------------------|--------|--------|----------|-----------------|--------|--------|
| L204           | Parcel_Rack_RH     | 562803 | male   | R3       | RJB             | 563409 | male   |
| L205           | Enginecmpt.        | 562485 | male   | R4       | FJB             | 564496 | male   |
| L206           | Parcel_Rack_RH     | 562803 | male   | R12      | Evap_Cmpt       | 563409 | male   |
| L282           | Engine_Cmpt        | 561690 | male   | R16      | RJB             | 564496 | male   |
| L285.A         | Rear_Vehicle       | 562835 | female | R20      | RJB             | 564496 | male   |
| L285.B         | Rear_Vehicle       | 562834 | male   | R26      | Evap_Cmpt       | 564496 | male   |
| L286.A         | Rear_Vehicle       | 562835 | female | R29      | RJB             | 563409 | male   |
| L286.B         | Rear_Vehicle       | 562834 | male   | R30      | FJB             | 564496 | male   |
| L290           | Engine_door        | 562565 | female | R31      | FJB             | 564496 | male   |
| L291           | Engine_door        | 562565 | female | R34      | RJB             | 564210 | male   |
| L298A          | Enginecmpt.        | 563590 | female | R36      | Dash            | 564496 | male   |
| L306           | RJBcmpt.           | 561247 | male   | R37      | Dash            | 564496 | male   |
| L319           | Under_WCL_platform | 561247 | male   | R38      | FJB             | 564496 | male   |
| L350A.A        | Rearaxlecmpt.      | 564552 | male   | R40      | RJB             | 564496 | male   |
| L350A.B        | Rearaxlecmpt.      | 563340 | male   | R47      | Parcelrack      | 564496 | male   |
| Mic_Driver_1.A | Parcel_rack        | 560999 | male   | R_12VISS | Parcel_rack     | 564496 | male   |
| Mic_Driver_2.A | Parcel_rack        | 560999 | male   | Res3.A   | RJB             | 563590 | female |
| Mic_Guide_1.A  | Parcel_rack        | 560999 | male   | Res4     | FJB             | 563590 | female |
| Mic_Guide_3.A  | Parcel_rack        | 560999 | male   | Res6     | FJB             | 563590 | female |
| Mo12           | Engine_Cmpt        | 561690 | male   | Res6A    | FJB             | 563589 | male   |
| Mo13           | Engine_Cmpt        | 561690 | female | Res6A    | FJB             | 563590 | female |
| Mo14           | Engine_Cmpt        | 561566 | female | Res6B    | FJB             | 563589 | male   |
| Mo15           | Front_Ceiling      | 563517 | female | Res6B    | FJB             | 563590 | female |
| Mo16           | Front_Ceiling      | 563517 | female | Res15    | Engine_Cmpt     | 561782 | male   |
| Mo17           | RH_Console         | 562350 | male   | Res7     | Engine_Cmpt     | 563590 | female |
| Mo65           | Enginecmpt.        | 568089 | male   | Res31    | Ureacmpt.       | 562350 | male   |
| Mo67           | Enginecmpt.        | 568089 | male   | Res32    | Ureacmpt.       | 563764 | female |
| Mo68           | Enginecmpt.        | 568089 | male   | Se13     | Engine_Cmpt     | 562350 | male   |
| Mo69           | Enginecmpt.        | 568089 | male   | Se14.A   | Driver_Area     | 561782 | male   |
| Mo70           | Enginecmpt.        | 568089 | male   | Se14.B   | Driver_Area     | 561781 | female |
| Mo71           | Enginecmpt.        | 568089 | male   | Se18     | Servicecmpt.    | 561566 | female |
| Mo72           | Enginecmpt.        | 568089 | male   | Se19_P   | Service_Cmpt    | 563677 | male   |
| Mo73           | Enginecmpt.        | 568089 | male   | Se19_S   | Service_Cmpt    | 563677 | male   |
| PC1            | FJB                | 562650 | male   | Se23     | Engine_Cmpt     | 563159 | male   |
| PC1            | FJB                | 562649 | female | Se24     | Evap_Cmpt       | 563758 | female |
| PF             | FJB                | 561782 | male   | Se25     | Passenger_Area  | 561248 | female |
| PF             | FJB                | 561781 | female | Se28     | Pneumatic_plate | 561690 | male   |
| PF1            | Passenger_Area     | 561782 | male   | Se29     | Engine_Cmpt     | 561566 | female |
| PF1            | Passenger_Area     | 561781 | female | Se30     | Enginedoor      | 562877 | female |
| PR             | Parcelrack         | 561782 | male   | Se31     | Enginedoor      | 562877 | female |
| PR             | Parcelrack         | 561781 | female | Se32     | Rear_Axle_Cmpt  | 562426 | male   |
| PR1            | Passenger_Area     | 561782 | male   | Se33     | Rear_Axle_Cmpt  | 562856 | male   |
| PR1            | Passenger_Area     | 561781 | female | Se35     | Rear_Axle_Cmpt  | 562426 | male   |

# CONNECTORS LIST

| No      | Location        | Part # | Gender | No      | Location         | Part # | Gender |
|---------|-----------------|--------|--------|---------|------------------|--------|--------|
| Se36    | Rear_Axle_Cmpt  | 562427 | male   | spBar13 | Enginecmpt.      | 564135 | male   |
| Se37    | Front_Axle_LH   | 641132 | female | spBar14 | Enginecmpt.      | 564135 | male   |
| Se38    | Front_Axle_RH   | 641132 | female | spBar15 | Enginecmpt.      | 564135 | male   |
| Se39    | Rear_Axle_LH    | 641132 | female | spBar16 | Enginecmpt.      | 564135 | male   |
| Se40    | Rear_Axle_LH    | 641132 | female | spBar19 | Condensorcmt.    | 564135 | male   |
| Se41    | Condensor_cmpt. | 562877 | female | spBar20 | Condensorcmt.    | 564135 | male   |
| Se46    | Rearaxlecmpt.   | 562348 | female | spBar21 | Condensorcmt.    | 564135 | male   |
| Se63    | Rearaxlecmpt.   | 641132 | female | spBar22 | Enginecmpt.      | 564135 | male   |
| Se64    | Rearaxlecmpt.   | 641132 | female | spBar23 | Enginecmpt.      | 564135 | male   |
| Se65    | Dash            | 564042 | female | spBar24 | Enginecmpt.      | 564135 | male   |
| Se66    | FJB             | 564039 | female | SpkDr_L | Parcel_Rack_LH   | 563994 | male   |
| Se67    | Frontaxlecmpt.  | 563159 | female | SpkDr_R | Parcel_Rack_RH   | 563994 | male   |
| Se69    | Frontaxlecmpt.  | 563159 | female | Sub1.A  | Passenger_Area   | 564004 | female |
| Se74    | Rear_Axle_Cmpt  | 563340 | male   | Sub2.A  | Passenger_Area   | 564004 | female |
| Se79    | Front_Axle      | 563340 | male   | Sw10A   | Dash             | 563498 | male   |
| Se100   | WCLdoor         | 562479 | female | Sw12    | Dash             | 563498 | female |
| So7     | Service_Cmpt    | 561690 | male   | Sw14    | Dash             | 563498 | male   |
| So8     | Servicecmpt.    | 641385 | male   | Sw16    | Dash             | 563498 | male   |
| So9     | Enginecmpt.     | 560016 | female | Sw17    | Dash             | 563498 | male   |
| So10    | Cond_Cmpt       | 562485 | male   | Sw18A   | Dash             | 563498 | male   |
| So11    | Cond_Cmpt       | 561566 | female | Sw20    | Dash             | 563498 | male   |
| So13    | Evap_Cmpt       | 563204 | female | Sw23    | Dash             | 563498 | female |
| So14    | Servicecmpt.    | 641385 | male   | Sw24    | Dash             | 563498 | male   |
| So15    | Servicecmpt.    | 641385 | male   | Sw25    | Dash             | 563498 | male   |
| So16    | Servicecmpt.    | 641385 | male   | Sw26    | Dash             | 563498 | female |
| So17    | Servicecmpt.    | 562848 | male   | Sw27    | Dash             | 563498 | male   |
| So20    | Servicecmpt.    | 641385 | male   | Sw29    | Dash             | 563498 | male   |
| So21    | Front_Axle_Cmpt | 564046 | female | Sw30    | Dash             | 563135 | male   |
| So22    | Front_Axle_Cmpt | 564046 | female | Sw32    | Dash             | 561477 | female |
| So23    | Rear_Axle_Cmpt  | 564046 | female | Sw33    | Dash             | 561476 | male   |
| So24    | Rear_Axle_Cmpt  | 564046 | female | Sw34    | Outside_Front_RH | 562477 | male   |
| So27    | Rearaxlecmpt.   | 564045 | female | Sw37    | Dash             | 563498 | male   |
| So50    | Rearaxlecmpt.   | 564046 | female | Sw38    | Dash             | 563498 | male   |
| So51    | Rearaxlecmpt.   | 641385 | male   | Sw39.A  | RJB              | 562403 | female |
| So52    | Rearaxlecmpt.   | 564045 | female | Sw39.B  | RJB              | 562403 | female |
| So53    | Rearaxlecmpt.   | 641385 | male   | Sw40    | LH_Console       | 561690 | male   |
| So54    | Enginecmpt.     | 564045 | female | Sw41    | LH_Console       | 562749 | male   |
| spBar4  | Enginecmpt.     | 564135 | male   | Sw42    | Lugg_Cmpt        | 561636 | female |
| spBar5  | Enginecmpt.     | 564135 | male   | Sw43    | Lugg_Cmpt        | 563498 | female |
| spBar6  | Enginecmpt.     | 564135 | male   | Sw44.A  | Lugg_Cmpt        | 562485 | male   |
| spBar7  | Enginecmpt.     | 564135 | male   | Sw44.B  | Lugg_Cmpt        | 562486 | female |
| spBar11 | Engine_Cmpt.    | 564135 | male   | Sw45.A  | 5th_Lugg_Cmpt    | 562485 | male   |
| spBar12 | Engine_Cmpt.    | 564135 | male   | Sw45.B  | 5th_Lugg_Cmpt    | 562486 | female |

# CONNECTORS LIST

| No     | Location      | Part # | Gender | No     | Location      | Part # | Gender |
|--------|---------------|--------|--------|--------|---------------|--------|--------|
| Sw46.A | 5th_Lugg_Cmpt | 562485 | male   | VECF11 | FJB           | 563184 | male   |
| Sw46.B | 5th_Lugg_Cmpt | 562486 | female | VECF12 | FJB           | 563187 | male   |
| Sw47.A | 3rd_Lugg_Cmpt | 562485 | male   | VECR1  | RJB           | 563186 | male   |
| Sw47.B | 3rd_Lugg_Cmpt | 562486 | female | VECR2  | RJB           | 563183 | male   |
| Sw48.A | 3rd_Lugg_Cmpt | 562485 | male   | VECR3  | RJB           | 563185 | male   |
| Sw48.B | 3rd_Lugg_Cmpt | 562486 | female | VECR4  | RJB           | 563182 | male   |
| Sw49.A | 2nd_Lugg_Cmpt | 562485 | male   | VECR9  | RJB           | 563448 | male   |
| Sw49.B | 2nd_Lugg_Cmpt | 562486 | female | VECR10 | RJB           | 563181 | male   |
| Sw50.A | 2nd_Lugg_Cmpt | 562485 | male   | VECR11 | RJB           | 563184 | male   |
| Sw50.B | 2nd_Lugg_Cmpt | 562486 | female | VECR12 | RJB           | 563187 | male   |
| Sw51.A | 1st_Lugg_Cmpt | 562485 | male   | VECT3  | Rear_vehicule | 563718 | male   |
| Sw51.B | 1st_Lugg_Cmpt | 562486 | female | VECT4  | Rear_vehicule | 563714 | male   |
| Sw52.A | 1st_Lugg_Cmpt | 562485 | male   | Y80    | Engine_Cmpt   | 563789 | male   |
| Sw52.B | 1st_Lugg_Cmpt | 562486 | female | Y81    | Cond_Cmpt     | 563793 | male   |
| Sw55.A | Lavatory      | 560488 | female |        |               |        |        |
| Sw55.B | Lavatory      | 560488 | female |        |               |        |        |
| Sw56.A | Lavatory      | 560488 | female |        |               |        |        |
| Sw56.B | Lavatory      | 560488 | female |        |               |        |        |
| Sw58   | Engine_Cmpt.  | 563135 | male   |        |               |        |        |
| Sw59   | Enginecmpt.   | 563135 | male   |        |               |        |        |
| Sw64   | RJB           | 563498 | male   |        |               |        |        |
| Sw82   | RJB           | 563135 | male   |        |               |        |        |
| Sw83   | RJB           | 564699 | male   |        |               |        |        |
| Sw85   | LH_Console    | 562749 | male   |        |               |        |        |
| Sw95.A | WCLdoor       | 562615 | female |        |               |        |        |
| Sw95.B | WCLdoor       | 562615 | female |        |               |        |        |
| Sw95.C | WCLdoor       | 562615 | female |        |               |        |        |
| Sw96.A | WCL_Door      | 562615 | female |        |               |        |        |
| Sw96.B | WCL_Door      | 562615 | female |        |               |        |        |
| Sw96.C | WCLdoor       | 562615 | female |        |               |        |        |
| Sw97.A | WCLsystem     | 562615 | female |        |               |        |        |
| Sw97.B | WCLsystem     | 562615 | female |        |               |        |        |
| Sw97.C | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.A | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.B | WCLsystem     | 562615 | female |        |               |        |        |
| Sw98.C | WCLsystem     | 562615 | female |        |               |        |        |
| Sw152  | Driver_Area   | 562471 | male   |        |               |        |        |
| VECF1  | FJB           | 563186 | male   |        |               |        |        |
| VECF2  | FJB           | 563183 | male   |        |               |        |        |
| VECF3  | FJB           | 563185 | male   |        |               |        |        |
| VECF4  | FJB           | 563182 | male   |        |               |        |        |
| VECF9  | FJB           | 563448 | male   |        |               |        |        |
| VECF10 | FJB           | 563181 | male   |        |               |        |        |

## DIODES LIST

[illegible]

## RESISTORS LIST

[illegible]

# RELAYS LIST

| No        | Location                | Part # | Function                    | Page |  |  |  |  |  |
|-----------|-------------------------|--------|-----------------------------|------|--|--|--|--|--|
| R1        | RJB                     | 560843 | MasterRelay                 | 3.1  |  |  |  |  |  |
| R3        | RJB                     | 563348 | 12vIgnition&Accessories     | 3.1  |  |  |  |  |  |
| R4        | FJB                     | 563332 | Cutoffwaterpreheater        | 38.1 |  |  |  |  |  |
| R6        | Front_Service_Panel     | 563269 | EntDoorOpenRly              | 29.1 |  |  |  |  |  |
| R7        | Front_Service_Panel     | 563269 | EntDoorCloseRly             | 29.1 |  |  |  |  |  |
| R8        | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R9        | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R10       | Front_Service_Panel     | 563269 | Spare                       | 4.3  |  |  |  |  |  |
| R12       | Evap_cmpt.              | 563348 | Evaporator                  | 18.2 |  |  |  |  |  |
| R16       | RJB                     | 563332 | MaxTempRly                  | 17.1 |  |  |  |  |  |
| R20       | RJB                     | 563332 | WaterPump                   | 17.1 |  |  |  |  |  |
| R21       | FJB                     | 560493 | IgnitionRelay               | 3.2  |  |  |  |  |  |
| R22       | FJB_VECF                | 563269 | Eculgnition                 | 4.1  |  |  |  |  |  |
| R23       | FJB_VECF                | 563269 | Shutdown                    | 4.1  |  |  |  |  |  |
| R24       | FJB_VECF                | 563269 | EculShift                   | 4.1  |  |  |  |  |  |
| R25       | FJB_VECF                | 563269 | 24VIgnition                 | 4.2  |  |  |  |  |  |
| R26       | Evap_Cmpt               | 563332 | Pre-Heat                    | 18.2 |  |  |  |  |  |
| R29       | RJB                     | 563348 | PreheaterVolvo              | 14.1 |  |  |  |  |  |
| R30       | RJB                     | 563269 | 12vEngineRunning            | 4.1  |  |  |  |  |  |
| R31       | RJB                     | 563332 | 12vIgnition                 | 4.1  |  |  |  |  |  |
| R34       | RJB                     | 564218 | 12vRrEngineEcu              | 3.2  |  |  |  |  |  |
| R35       | RJB                     | 564218 | 24VrRVECUPwr                | 3.2  |  |  |  |  |  |
| R36       | RJB                     | 563269 | FireExtinguisher            | 9.1  |  |  |  |  |  |
| R37       | RJB                     | 563269 | Electrichorn                | 9.1  |  |  |  |  |  |
| R38       | RJB                     | 563269 | USB/Outlet                  | 30.2 |  |  |  |  |  |
| R40       | RJB                     | 563332 | TransmissionShift           | 15.2 |  |  |  |  |  |
| R45       | RJB                     | 564774 | RlyChargerConnected         | 40.1 |  |  |  |  |  |
| R47       | WCLPump                 | 563332 | WCLDoorOpenOption           | 36.1 |  |  |  |  |  |
| R52       | RJB_VECT                | 563270 | Clearancelights&sidemarkers | 26.4 |  |  |  |  |  |
| R53       | RJB_VECT                | 563270 | Flashersleftside            | 26.4 |  |  |  |  |  |
| R54       | RJB_VECT                | 563270 | Brakelights                 | 26.4 |  |  |  |  |  |
| R55       | RJB_VECT                | 563270 | Flashersrightside           | 26.4 |  |  |  |  |  |
| R56       | RJB_VECT                | 563270 | Tail&licencelights          | 26.4 |  |  |  |  |  |
| R210      | Parcel_Rack_LH          | 560493 | 24vRelayLatching            | 5.2  |  |  |  |  |  |
| R300      | Parcel_Rack_LH_1st_Cmpt | 563332 | BackUpCam                   | 28.1 |  |  |  |  |  |
| R_12VISS  | Parcel_Rack_LH_1st_Cmpt | 563332 | SoundSystem                 | 35.6 |  |  |  |  |  |
| R_Starter | RJB                     | 564095 | StarterRelayControl         | 3.2  |  |  |  |  |  |
| R23A      | RJB                     | 563332 | 12VIgnition                 | 4.1  |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |
|           |                         |        |                             |      |  |  |  |  |  |

# FUSES LIST

| No  | Location   | Part # | Function           | Rating  | Page   |
|-----|------------|--------|--------------------|---------|--------|
| F4  | FuseBoxFJB | 563280 | TransiShift        | 5amp    | 4.2    |
| F10 | FuseBoxFJB | 563280 | Networks           | Cluster | lights |
| F11 | FuseBoxFJB | 563282 | Horn               | 20amp   | 4.1    |
| F12 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F13 | FuseBoxFJB | 563284 | 12VDCustomer       | 15amp   | 4.1    |
| F14 | FuseBoxFJB | 563135 | Spare              | 30amp   | 4.1    |
| F15 | FuseBoxFJB | 563280 | VLink_Gateway      | 5amp    | 4.1    |
| F16 | FuseBoxFJB | 563284 | 12VEng.run         | 15amp   | 4.1    |
| F17 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F18 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F19 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F20 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.1    |
| F21 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F22 | FuseBoxFJB | 563280 | ELD                | 5amp    | 4.1    |
| F23 | FuseBoxFJB | 563165 | ESP                | 30amp   | 4.1    |
| F24 | FuseBoxFJB | 563284 | 12VIgn             | 15amp   | 4.1    |
| F25 | FuseBoxFJB | 563284 | 12Voutlets         | 15amp   | 4.1    |
| F26 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F27 | FuseBoxFJB | 563165 | Spare              | 30amp   | 4.1    |
| F29 | FuseBoxFJB | 563283 | Networks           | 10amp   | 4.1    |
| F30 | FuseBoxFJB | 563280 | Networks           | 5amp    | 4.1    |
| F33 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F34 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F35 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F36 | FuseBoxFJB | 563280 | Startswitch        | 5amp    | 4.2    |
| F37 | FuseBoxFJB | 563280 | Haz/ExtDoorSw      | 5amp    | 4.2    |
| F39 | FuseBoxFJB | 563284 | 24VD               | 15amp   | 4.2    |
| F40 | FuseBoxFJB | 563284 | Firesuppression    | 15amp   | 4.2    |
| F41 | FuseBoxFJB | 563280 | Spare              | 5amp    | 4.2    |
| F42 | FuseBoxFJB | 563283 | TransmissionIShift | 10amp   | 4.1    |
| F43 | FuseBoxFJB | 563282 | TransmissionIShift | 20amp   | 4.1    |
| F44 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F45 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F46 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F47 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F50 | FuseBoxFJB | 563165 | HVACdefroster      | 30amp   | 4.2    |
| F51 | FuseBoxFJB | 563280 | Destinationsigns   | 5amp    | 4.2    |
| F52 | FuseBoxFJB | 563280 | FMSGW              | 5amp    | 4.2    |
| F53 | FuseBoxFJB | 563283 | Clock&VSS          | 10amp   | 4.2    |
| F54 | FuseBoxFJB | 563283 | ElectronicMirror   | 10amp   | 4.2    |
| F55 | FuseBoxFJB | 563283 | B-UpCam            | 10amp   | 4.2    |
| F56 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.2    |
| F57 | FuseBoxFJB | 563283 | Spare              | 10amp   | 4.2    |

# FUSES LIST

| No   | Location   | Part # | Function              | Rating | Page |
|------|------------|--------|-----------------------|--------|------|
| F58  | FuseBoxFJB | 563284 | Spare                 | 15amp  | 4.2  |
| F73  | FuseBoxRJB | 563283 | EngineECUVolvo        | 20amp  | 5.1  |
| F90  | FuseBoxRJB | 563282 | Ureasystem            | 20amp  | 5.1  |
| F91  | FuseBoxRJB | 563282 | EngineECUVolvo        | 20amp  | 5.1  |
| F95  | FuseBoxFJB | 563280 | FMSGWIGN              | 5amp   | 4.2  |
| F96  | FuseBoxRJB | 563280 | *opt*                 | 5amp   | 5.1  |
| F99  | FuseBoxRJB | 563165 | EngineECUVolvo        | 30amp  | 5.1  |
| F100 | FuseBoxRJB | 563283 | EngineECUVolvo        | 10amp  | 5.1  |
| F101 | FuseBoxRJB | 564520 | PowerforMasterrelay   | 300Amp | 3.1  |
| F105 | FuseBoxRJB | 563282 | Spare                 | 20amp  | 5.1  |
| F106 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F107 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F108 | FuseBoxRJB | 563280 | Networks              | 5amp   | 5.1  |
| F109 | FuseBoxRJB | 563280 | Engine&RJBcmpt.lights | 5amp   | 5.1  |
| F110 | FuseBoxRJB | 563283 | TransmissionAlisson   | 10amp  | 5.1  |
| F112 | FuseBoxRJB | 563165 | Trailer               | 30amp  | 5.1  |
| F113 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F114 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F115 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F116 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F117 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F118 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F119 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F120 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F121 | FuseBoxRJB | 563284 | Powerforcustomer      | 15amp  | 5.1  |
| F122 | FuseBoxRJB | 563283 | Equalizer             | 10amp  | 5.1  |
| F123 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F124 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F126 | FuseBoxRJB | 563280 | EngineECU&HVAC        | 5amp   | 5.1  |
| F127 | FuseBoxRJB | 563284 | Pre-heat              | 15amp  | 5.1  |
| F129 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F130 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F131 | FuseBoxRJB | 563280 | Powerforcustomer      | 5amp   | 5.1  |
| F132 | FuseBoxRJB | 563280 | A57Pwr                | 5amp   | 5.1  |
| F133 | FuseBoxRJB | 563165 | A49Pwr                | 30amp  | 5.1  |
| F134 | FuseBoxRJB | 563165 | A52Pwr                | 30amp  | 5.1  |
| F135 | FuseBoxRJB | 563165 | A54Pwr                | 30amp  | 5.1  |
| F136 | FuseBoxRJB | 563165 | A53Pwr                | 30amp  | 5.1  |
| F137 | FuseBoxRJB | 563280 | Spare                 | 5amp   | 5.1  |
| F138 | FuseBoxRJB | 563280 | Readinglamps&chime    | 5amp   | 5.1  |
| F139 | FuseBoxRJB | 563283 | Alternators           | 10amp  | 5.1  |
| F140 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F141 | FuseBoxRJB | 563284 | CondMo7               | 20amp  | 5.1  |

## FUSES LIST

[illegible]

# FUSES LIST

| No  | Location   | Part # | Function           | Rating  | Page   |
|-----|------------|--------|--------------------|---------|--------|
| F4  | FuseBoxFJB | 563280 | TransiShift        | 5amp    | 4.2    |
| F10 | FuseBoxFJB | 563280 | Networks           | Cluster | lights |
| F11 | FuseBoxFJB | 563282 | Horn               | 20amp   | 4.1    |
| F12 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F13 | FuseBoxFJB | 563284 | 12VDCustomer       | 15amp   | 4.1    |
| F14 | FuseBoxFJB | 563135 | Spare              | 30amp   | 4.1    |
| F15 | FuseBoxFJB | 563280 | VLink_Gateway      | 5amp    | 4.1    |
| F16 | FuseBoxFJB | 563284 | 12VEng.run         | 15amp   | 4.1    |
| F17 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F18 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F19 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F20 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.1    |
| F21 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.1    |
| F22 | FuseBoxFJB | 563280 | ELD                | 5amp    | 4.1    |
| F23 | FuseBoxFJB | 563165 | ESP                | 30amp   | 4.1    |
| F24 | FuseBoxFJB | 563284 | 12VIgn             | 15amp   | 4.1    |
| F25 | FuseBoxFJB | 563284 | 12Voutlets         | 15amp   | 4.1    |
| F26 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.1    |
| F27 | FuseBoxFJB | 563165 | Spare              | 30amp   | 4.1    |
| F29 | FuseBoxFJB | 563283 | Networks           | 10amp   | 4.1    |
| F30 | FuseBoxFJB | 563280 | Networks           | 5amp    | 4.1    |
| F33 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F34 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F35 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F36 | FuseBoxFJB | 563280 | Startswitch        | 5amp    | 4.2    |
| F37 | FuseBoxFJB | 563280 | Haz/ExtDoorSw      | 5amp    | 4.2    |
| F39 | FuseBoxFJB | 563284 | 24VD               | 15amp   | 4.2    |
| F40 | FuseBoxFJB | 563284 | Firesuppression    | 15amp   | 4.2    |
| F41 | FuseBoxFJB | 563280 | Spare              | 5amp    | 4.2    |
| F42 | FuseBoxFJB | 563283 | TransmissionIShift | 10amp   | 4.1    |
| F43 | FuseBoxFJB | 563282 | TransmissionIShift | 20amp   | 4.1    |
| F44 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F45 | FuseBoxFJB | 563165 | Multiplexpower     | 30amp   | 4.2    |
| F46 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F47 | FuseBoxFJB | 563280 | Multiplexpower     | 5amp    | 4.2    |
| F50 | FuseBoxFJB | 563165 | HVACdefroster      | 30amp   | 4.2    |
| F51 | FuseBoxFJB | 563280 | Destinationsigns   | 5amp    | 4.2    |
| F52 | FuseBoxFJB | 563280 | FMSGW              | 5amp    | 4.2    |
| F53 | FuseBoxFJB | 563283 | Clock&VSS          | 10amp   | 4.2    |
| F54 | FuseBoxFJB | 563283 | ElectronicMirror   | 10amp   | 4.2    |
| F55 | FuseBoxFJB | 563283 | B-UpCam            | 10amp   | 4.2    |
| F56 | FuseBoxFJB | 563284 | Spare              | 15amp   | 4.2    |
| F57 | FuseBoxFJB | 563283 | Spare              | 10amp   | 4.2    |

# FUSES LIST

| No   | Location   | Part # | Function              | Rating | Page |
|------|------------|--------|-----------------------|--------|------|
| F58  | FuseBoxFJB | 563284 | Spare                 | 15amp  | 4.2  |
| F73  | FuseBoxRJB | 563283 | EngineECUVolvo        | 20amp  | 5.1  |
| F90  | FuseBoxRJB | 563282 | Ureasystem            | 20amp  | 5.1  |
| F91  | FuseBoxRJB | 563282 | EngineECUVolvo        | 20amp  | 5.1  |
| F95  | FuseBoxFJB | 563280 | FMSGWIGN              | 5amp   | 4.2  |
| F96  | FuseBoxRJB | 563280 | *opt*                 | 5amp   | 5.1  |
| F99  | FuseBoxRJB | 563165 | EngineECUVolvo        | 30amp  | 5.1  |
| F100 | FuseBoxRJB | 563283 | EngineECUVolvo        | 10amp  | 5.1  |
| F101 | FuseBoxRJB | 564520 | PowerforMasterrelay   | 300Amp | 3.1  |
| F105 | FuseBoxRJB | 563282 | Spare                 | 20amp  | 5.1  |
| F106 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F107 | FuseBoxRJB | 563153 | Multiplexpower        | 30amp  | 5.1  |
| F108 | FuseBoxRJB | 563280 | Networks              | 5amp   | 5.1  |
| F109 | FuseBoxRJB | 563280 | Engine&RJBcmpt.lights | 5amp   | 5.1  |
| F110 | FuseBoxRJB | 563283 | TransmissionAlisson   | 10amp  | 5.1  |
| F112 | FuseBoxRJB | 563165 | Trailer               | 30amp  | 5.1  |
| F113 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F114 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F115 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F116 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F117 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F118 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F119 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F120 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F121 | FuseBoxRJB | 563284 | Powerforcustomer      | 15amp  | 5.1  |
| F122 | FuseBoxRJB | 563283 | Equalizer             | 10amp  | 5.1  |
| F123 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F124 | FuseBoxRJB | 563153 | Pre-heat              | 25amp  | 5.1  |
| F126 | FuseBoxRJB | 563280 | EngineECU&HVAC        | 5amp   | 5.1  |
| F127 | FuseBoxRJB | 563284 | Pre-heat              | 15amp  | 5.1  |
| F129 | FuseBoxRJB | 563284 | Spare                 | 15amp  | 5.1  |
| F130 | FuseBoxRJB | 563153 | P.Rack Fan            | 25amp  | 5.1  |
| F131 | FuseBoxRJB | 563280 | Powerforcustomer      | 5amp   | 5.1  |
| F132 | FuseBoxRJB | 563280 | A57Pwr                | 5amp   | 5.1  |
| F133 | FuseBoxRJB | 563165 | A49Pwr                | 30amp  | 5.1  |
| F134 | FuseBoxRJB | 563165 | A52Pwr                | 30amp  | 5.1  |
| F135 | FuseBoxRJB | 563165 | A54Pwr                | 30amp  | 5.1  |
| F136 | FuseBoxRJB | 563165 | A53Pwr                | 30amp  | 5.1  |
| F137 | FuseBoxRJB | 563280 | Spare                 | 5amp   | 5.1  |
| F138 | FuseBoxRJB | 563280 | Readinglamps&chime    | 5amp   | 5.1  |
| F139 | FuseBoxRJB | 563283 | Alternators           | 10amp  | 5.1  |
| F140 | FuseBoxRJB | 563283 | Spare                 | 10amp  | 5.1  |
| F141 | FuseBoxRJB | 563153 | CondMo7               | 25amp  | 5.1  |

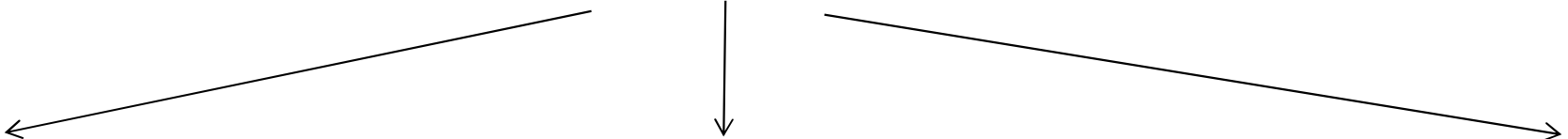
## FUSES LIST

[illegible]

## Wire identification chart

*\*Note that the identification comes from the uphill component.*

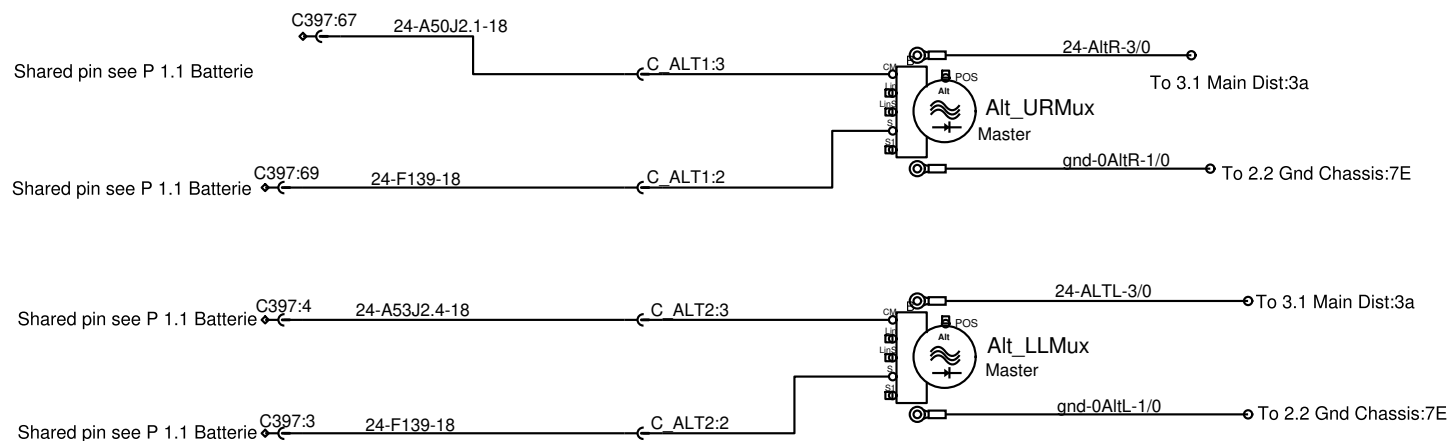
*Wire identification exemple: 12 - A47J1.8 - 16*



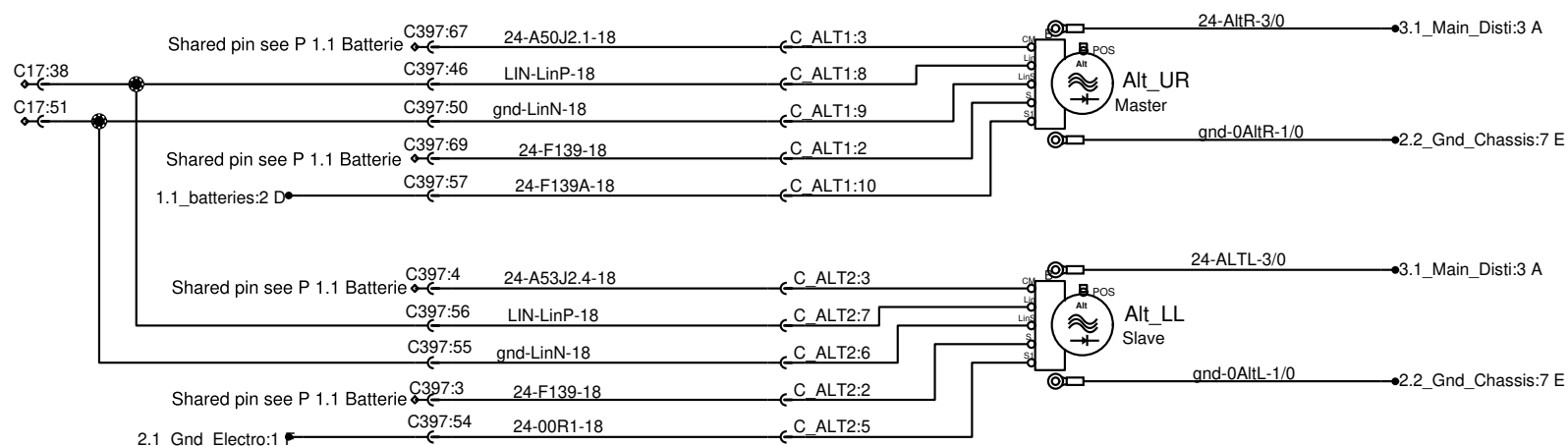
| Voltage  | Circuit number                                                                                                  |                          | Wire size |
|----------|-----------------------------------------------------------------------------------------------------------------|--------------------------|-----------|
| 0        |                                                                                                                 |                          | 0000      |
| 5        | <b>Ground circuits:</b>                                                                                         |                          | 000       |
| 0/12     | Electronic = Use I/O module number followed by an "R" and pin number. (ex: A47RJ1.8, A54RJ2.14)                 |                          | 00        |
| 0/24     | Electronic ground studs = Use number "00" followed with the stud location and sequential number. (ex:00R1,00F4) |                          | 0         |
| 12       | Chassis = Use number "0" followed by the ground stud location and sequential number. (ex: 0EV1, 0FH2)           |                          | 1         |
| 24       |                                                                                                                 |                          | 2         |
| 120      | <b>Power and voltage carrying circuits:</b>                                                                     |                          | 3         |
| ANA      | Power distribution = Use uphill component identification as circuit name. (ex: F96, CB22)                       |                          | 4         |
| BBUS     | Multiplex outputs = Use output module number and pin number as circuit name. (ex: A55J1.4, A49J2.9)             |                          | 6         |
| DATA     | Relays, diodes, resistors and any other component outputs =                                                     |                          | 8         |
| DBUS     | Use component name and pin number as circuit name. (ex: Sw55.A, R30.87, D12.B)                                  |                          | 10        |
| J1587    | <b>Networks:</b>                                                                                                |                          | 12        |
| J1939    | DL0 = Bbus mux                                                                                                  | DL7 = Engine subnet      | 14        |
| J2284    | DL1 = J1939                                                                                                     | DL9 = Power train subnet | 16        |
| LIN      | DL2 = J2284                                                                                                     | 900 / 901 = J1587        | 18        |
| PWM      | DL3 = Dbus mux                                                                                                  |                          | 20        |
| GND      |                                                                                                                 |                          | 22        |
| ...OTHER |                                                                                                                 |                          | 24        |

# Alternators Remy

## Mux Controlled



## Lin Controlled



## PREVOST®

## WIRING DIAGRAM

No:D062140

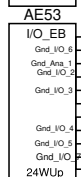
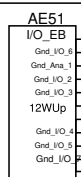
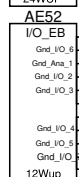
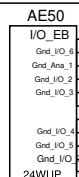
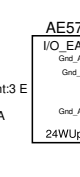
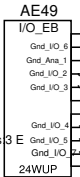
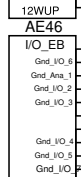
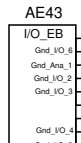
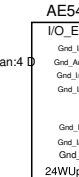
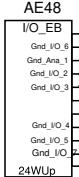
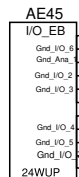
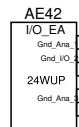
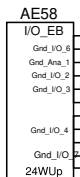
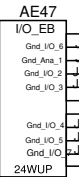
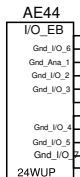
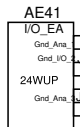
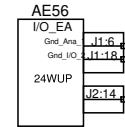
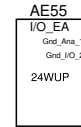
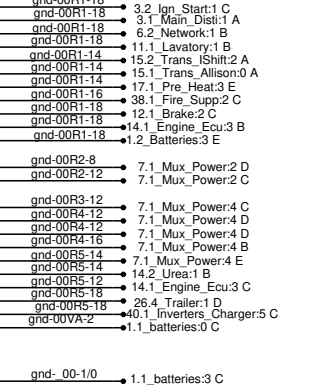
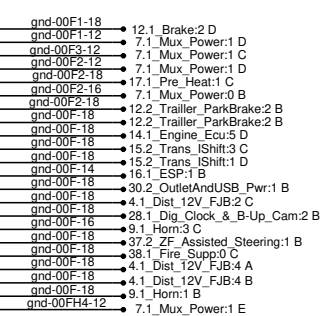
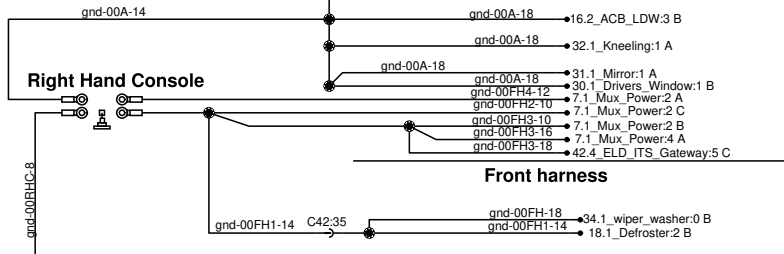
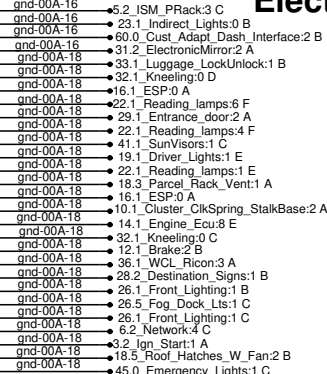
Page:2.1

Rev:3

**\*\*Ground distribution:\*\***

0-Electric gnd  
00- Electronic Gnd

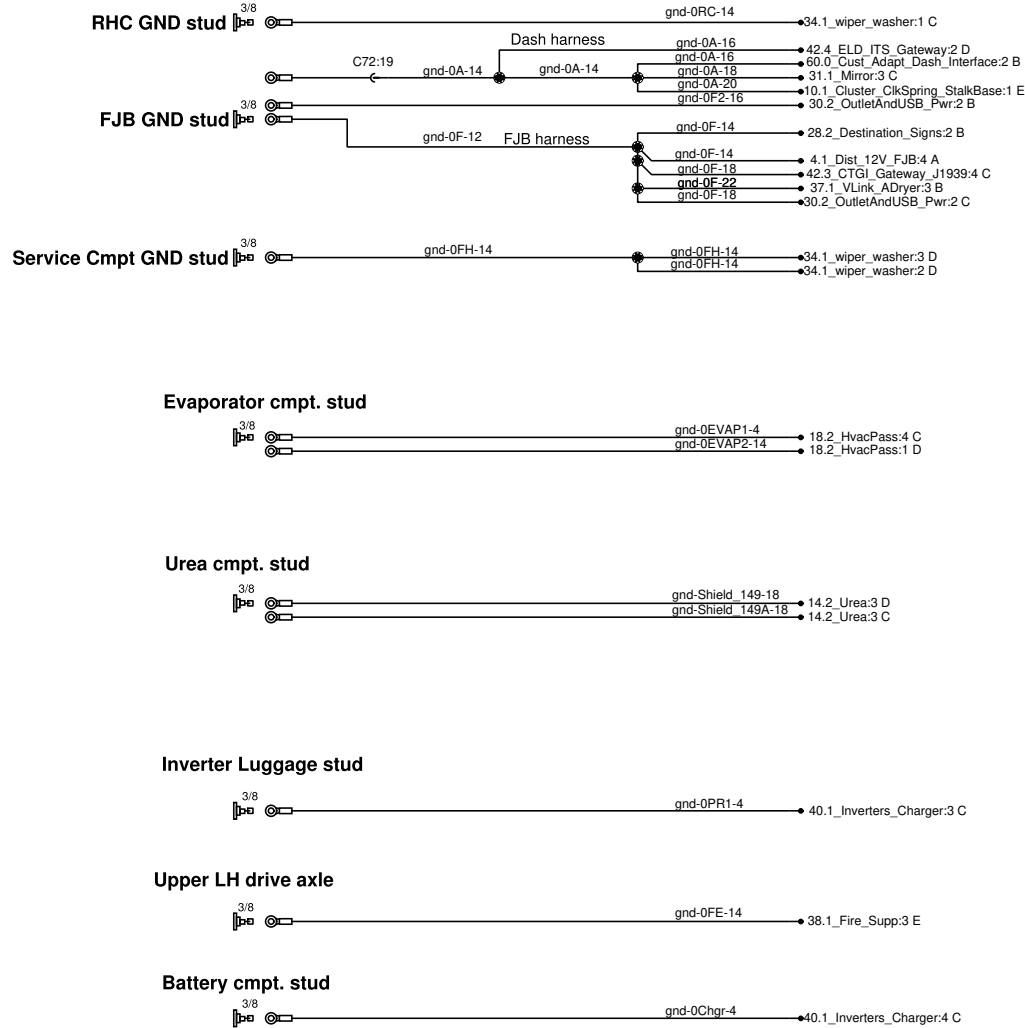
A-Dash - Lh console harness  
F-Front junction box harness  
FH-Front harness  
R-Rear junction box harness  
FR-Front to rear



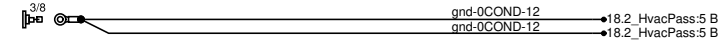
\*\*Ground distribution:\*\*

0-Electric gnd  
00- Electronic Gnd  
A-Dash - Lh console harness  
F-Front junction box harness  
FH-Front harness  
FCH-Front clearance harness  
R-Rear junction box harness  
FR-Front to rear

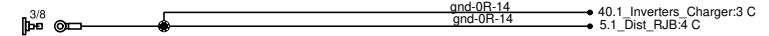
## Chassis ground distribution



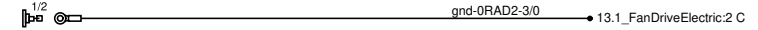
### Condensor cmpt. stud



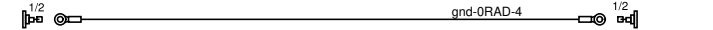
### RJB stud



### Front radiator stud

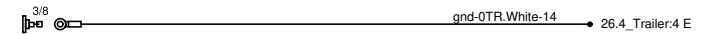


### Rear radiator stud



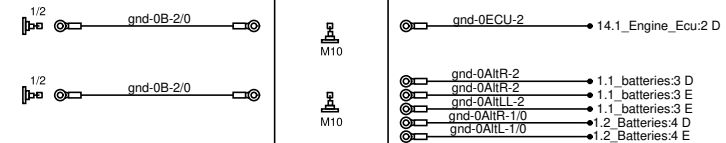
### Rad door stud

### Trailer stud



### Engine studs

### Engine cmpt. studs

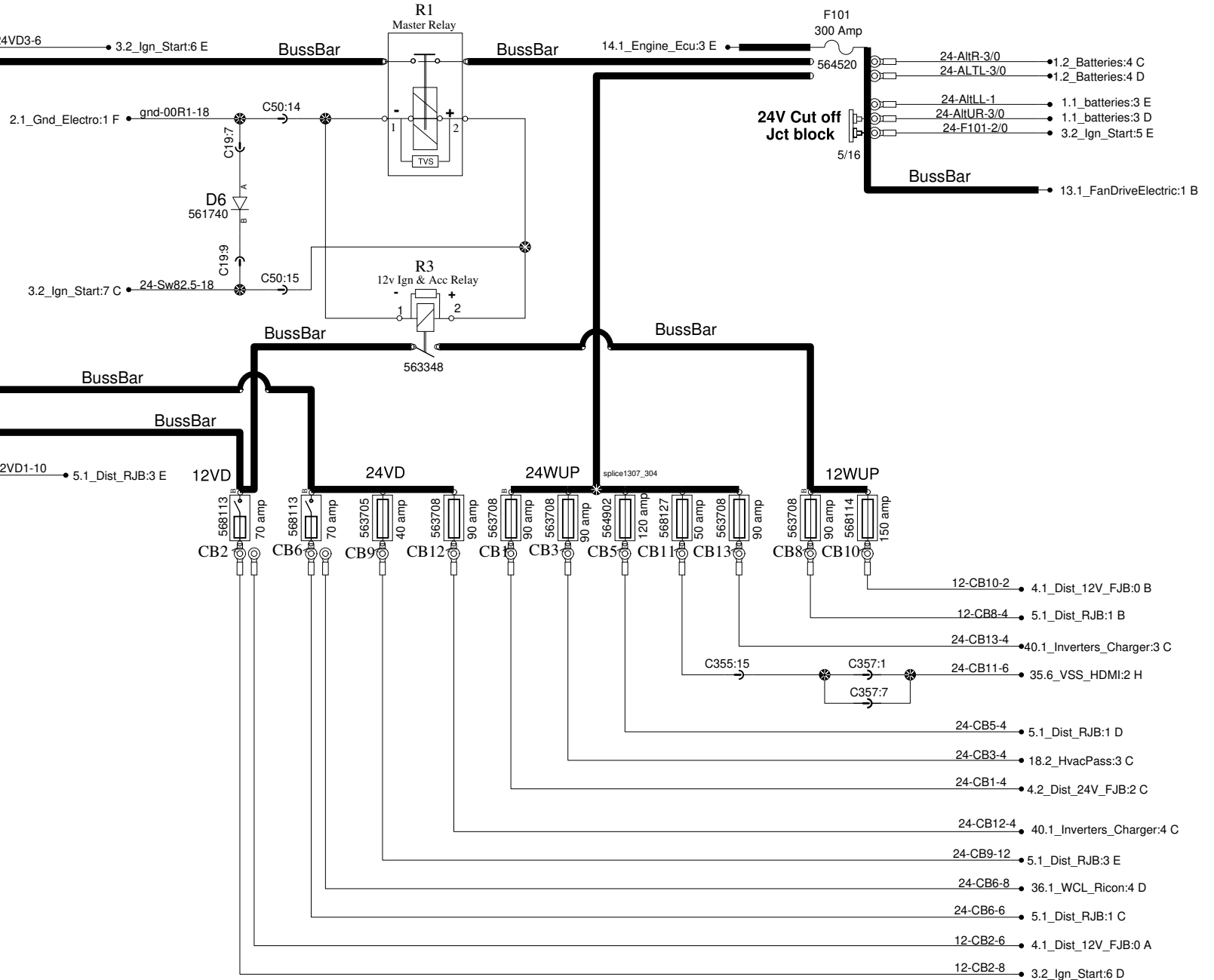
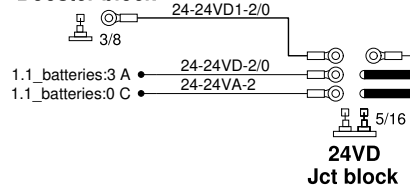


## A

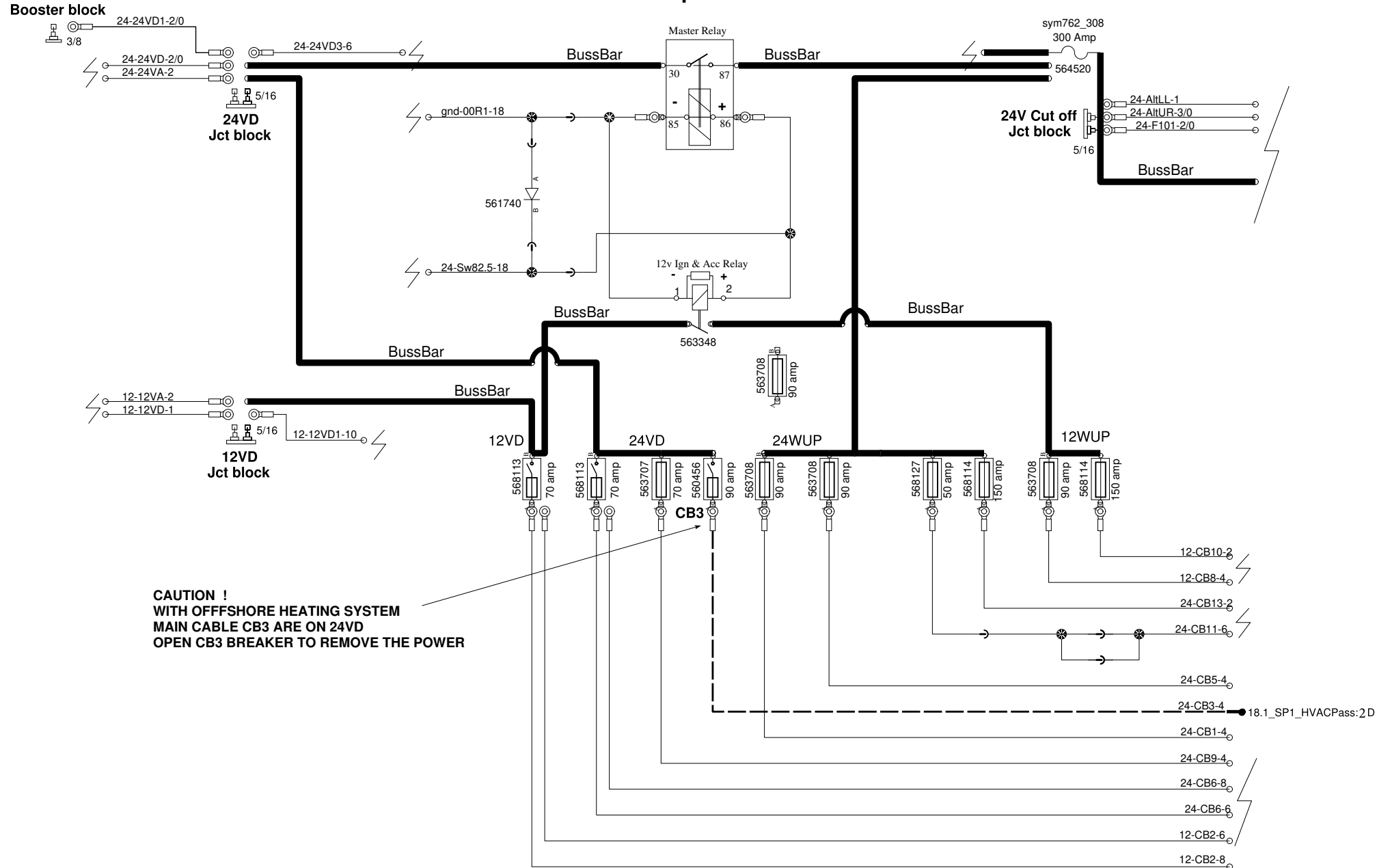


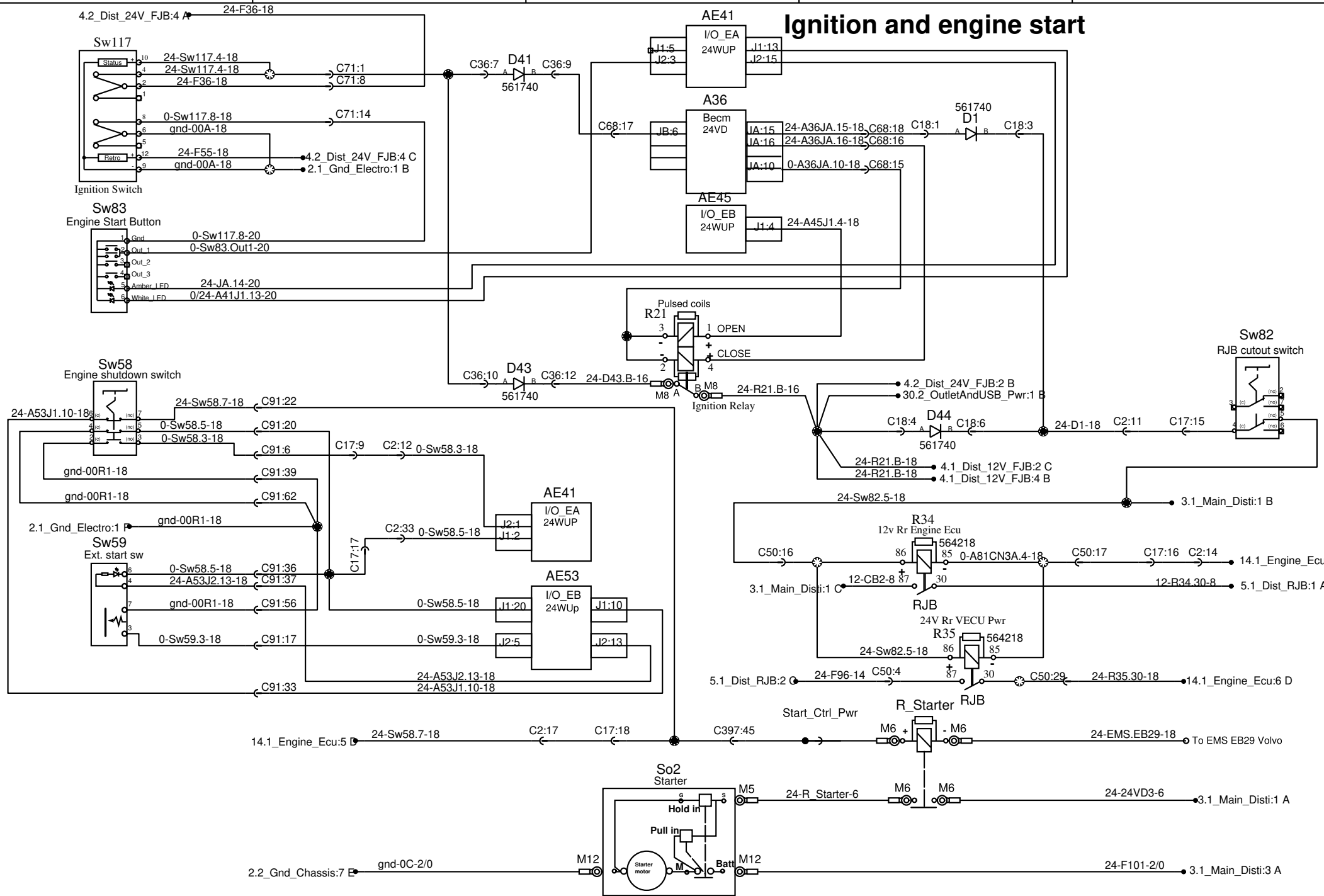
# Main distribution batteries & ignition

## Booster block

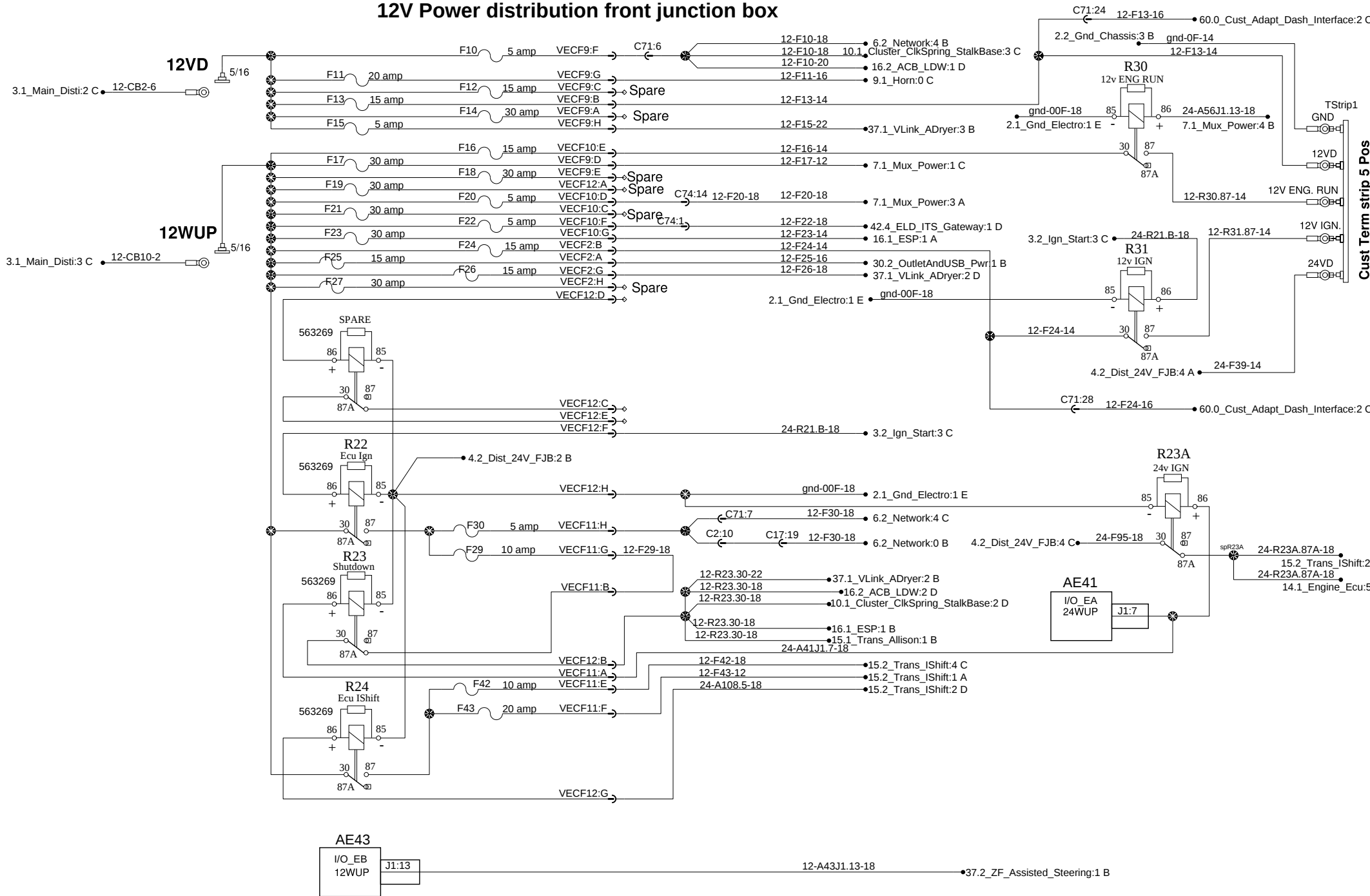


# Main distribution batteries & ignition Cutomer Adaptation

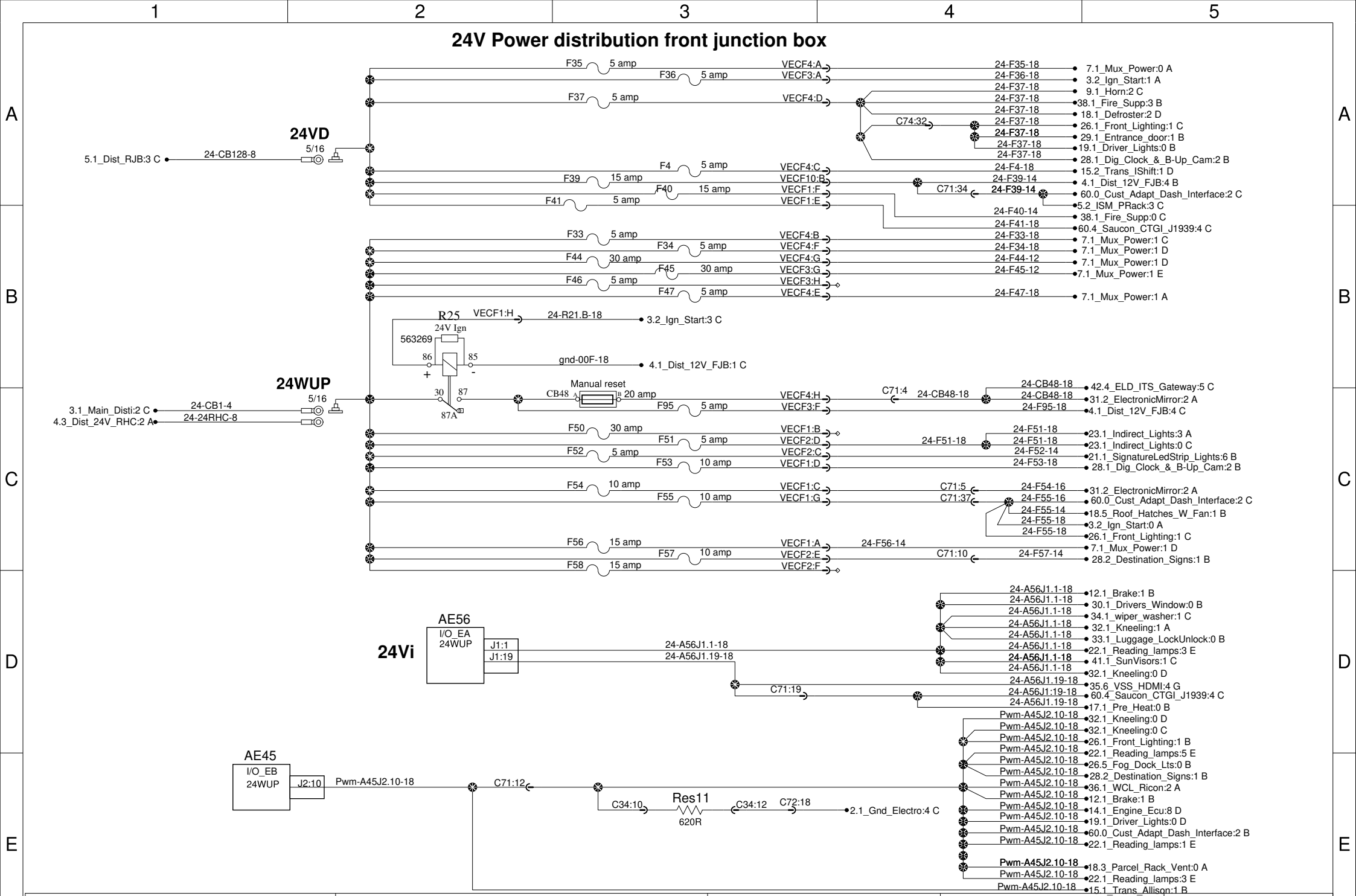




12V Power distribution front junction box



24V Power distribution front junction box



A

A

B

B

C

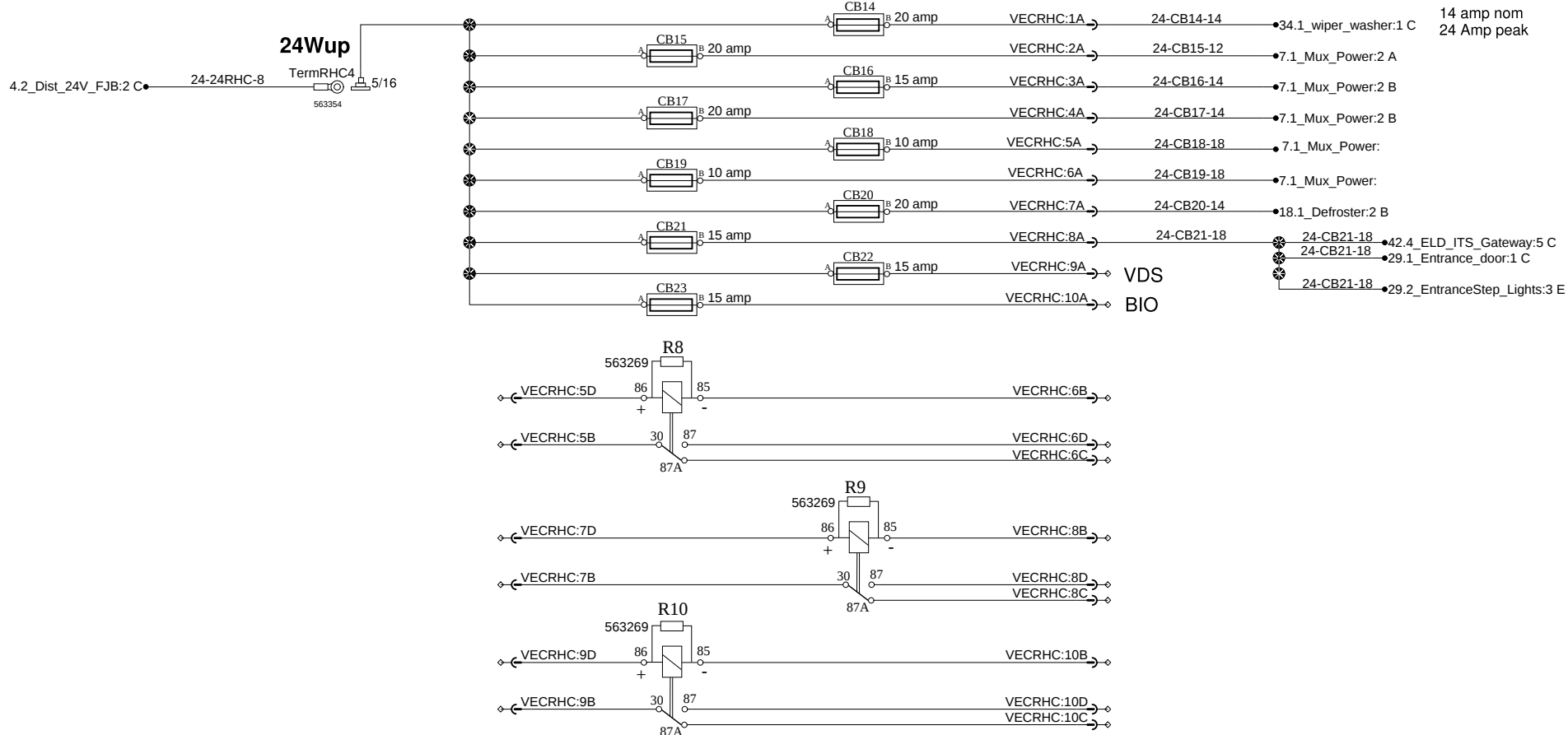
C

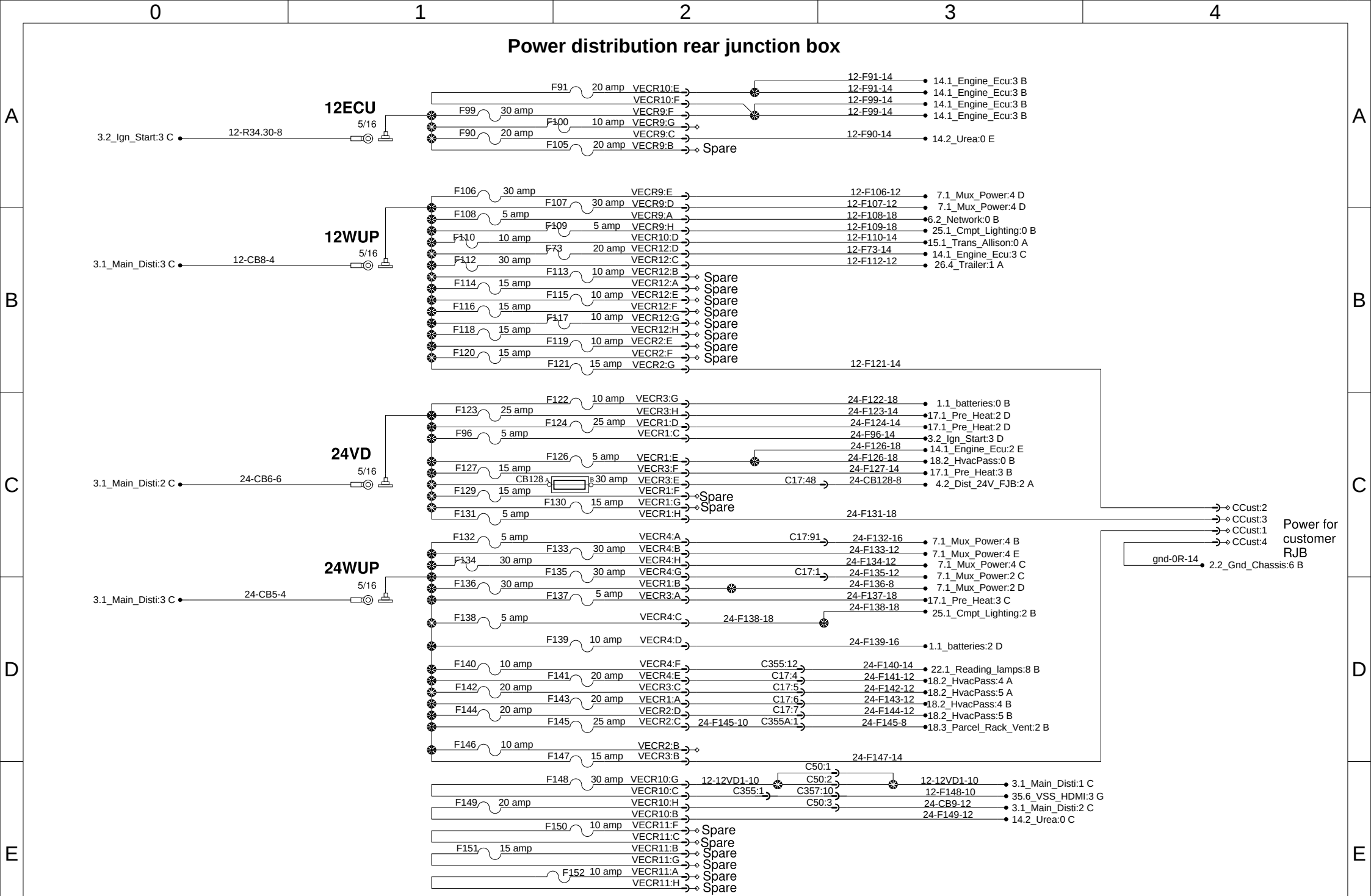
D

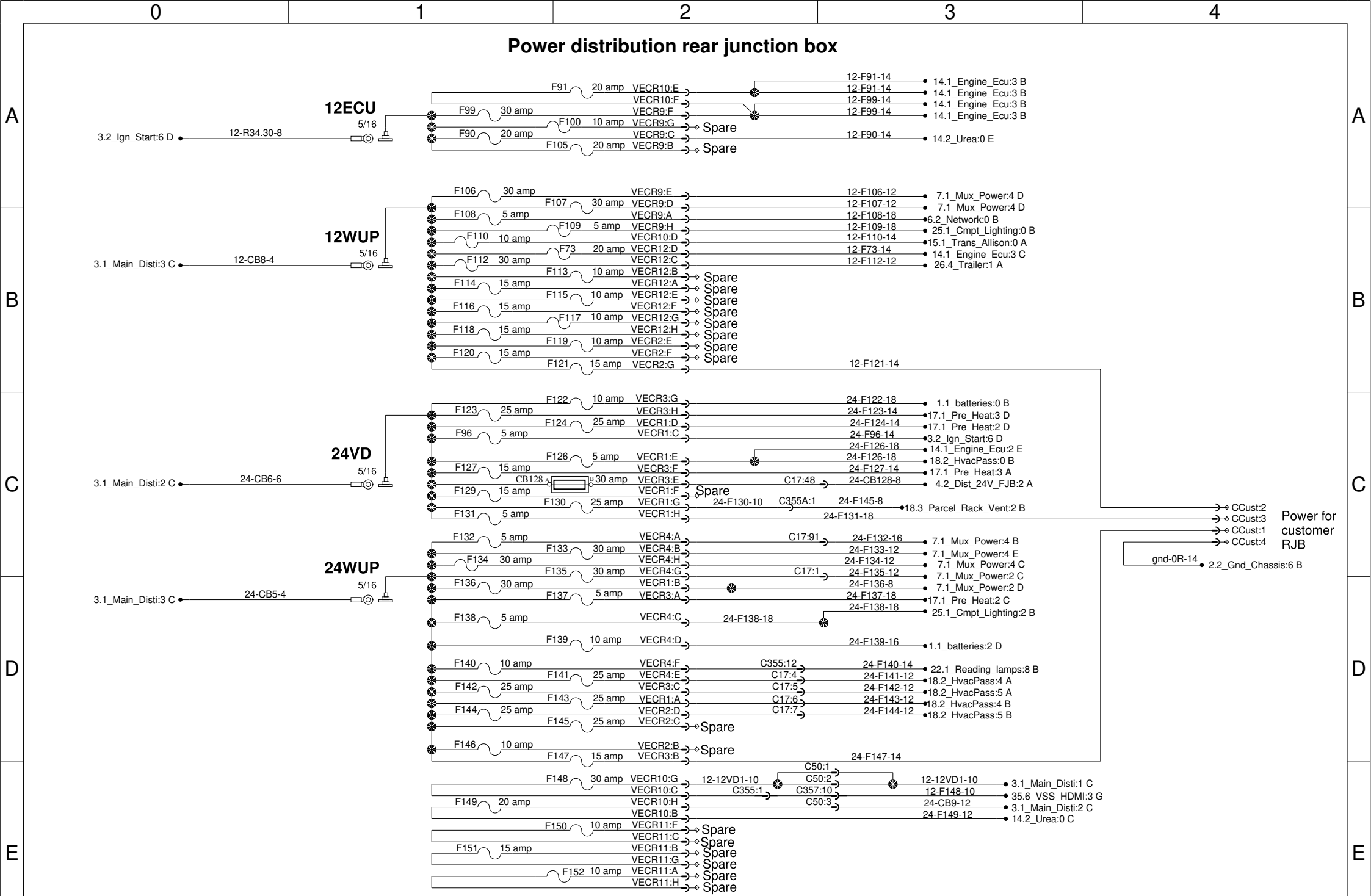
D

E

E







1

2

3

4

5

A

A

B

B

C

C

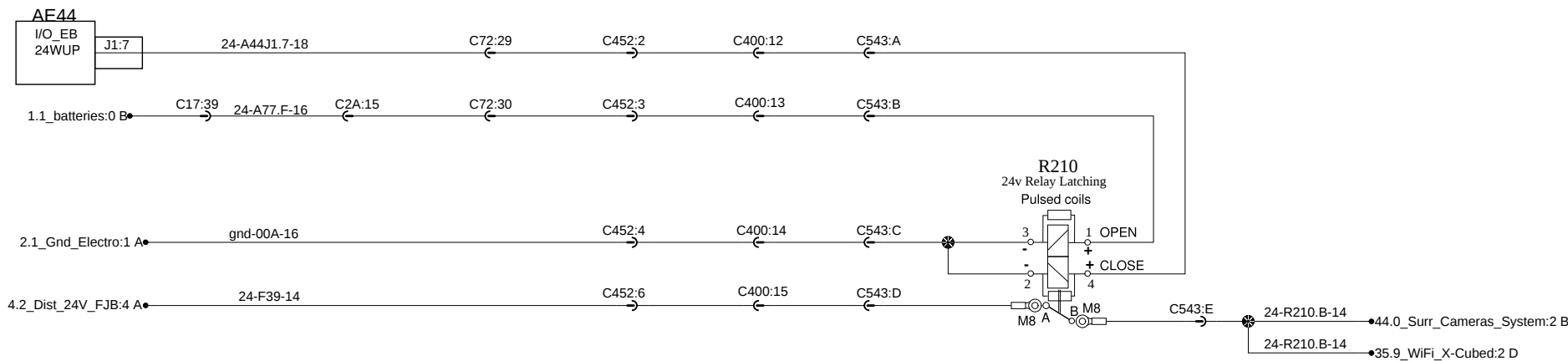
D

D

E

E

ISM Parcel Rack



1

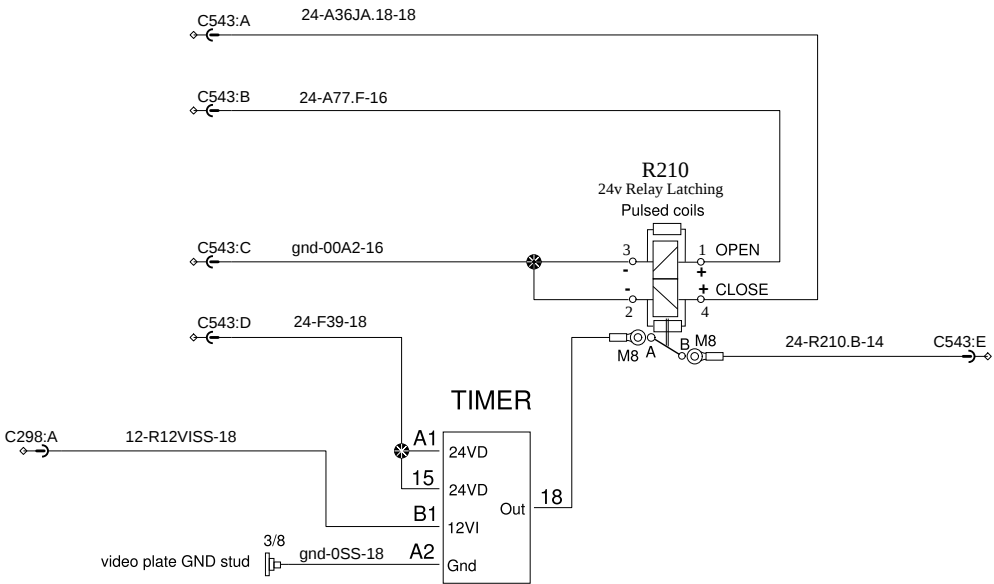
2

3

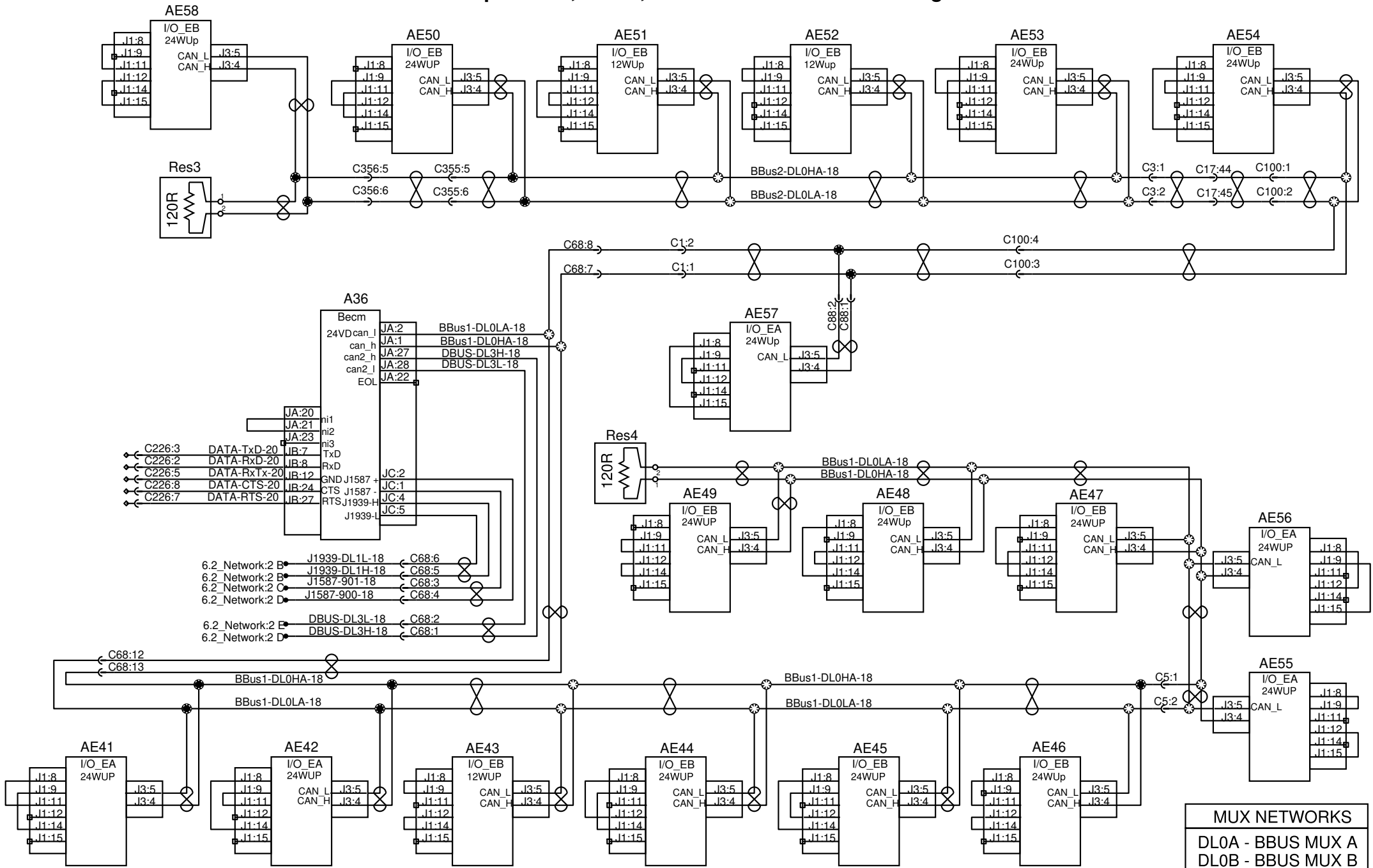
4

5

ISM PARCEL RACK WITH TIMER



# Multiplex Can, J1587, 1939 network and addressing

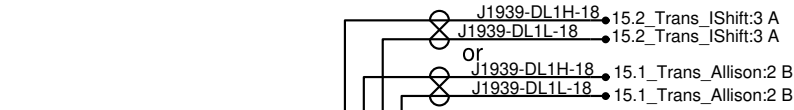


**MUX NETWORKS**  
DL0A - BBUS MUX A  
DL0B - BBUS MUX B

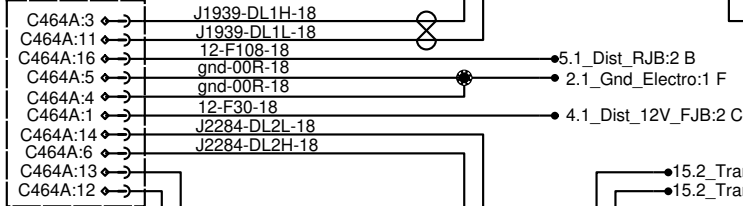
# J1939, Can Iso J2284, J1587 and DBUS

Open C194 and connect C194spA and C194spB to connect Vansco gateway.

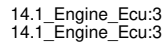
**J1939**



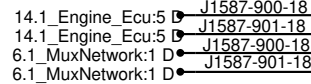
**C464A  
OBD Conn RJB**



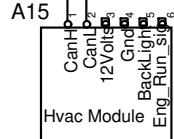
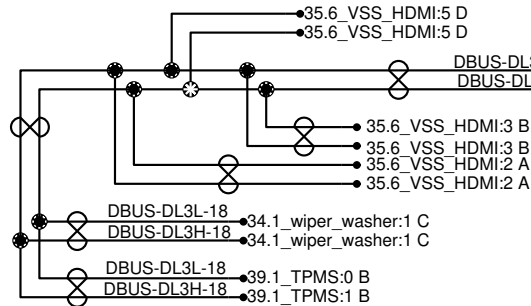
**Trans Allison only**



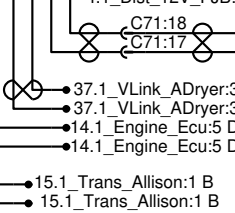
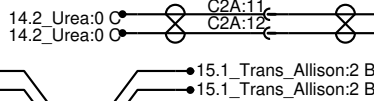
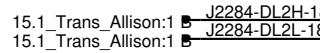
**J1587**



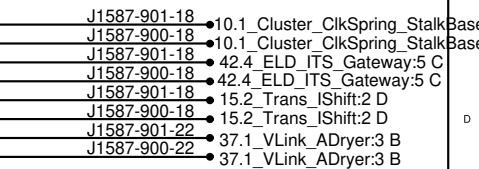
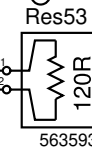
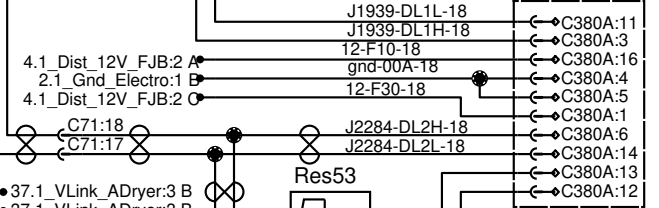
**DBUS**



**Can Iso J2284**



**C380A  
OBD Conn Dash**



**NETWORKS**

- DL0A - BBUS MUX A
- DL0B - BBUS MUX B
- DL1 - J1939
- DL2 - J2284
- DL3 - DBUS MUX
- DL7 - ENGINE SUBNET
- DL9 - POWER TRAIN SUBNET

A

B

C

D

E

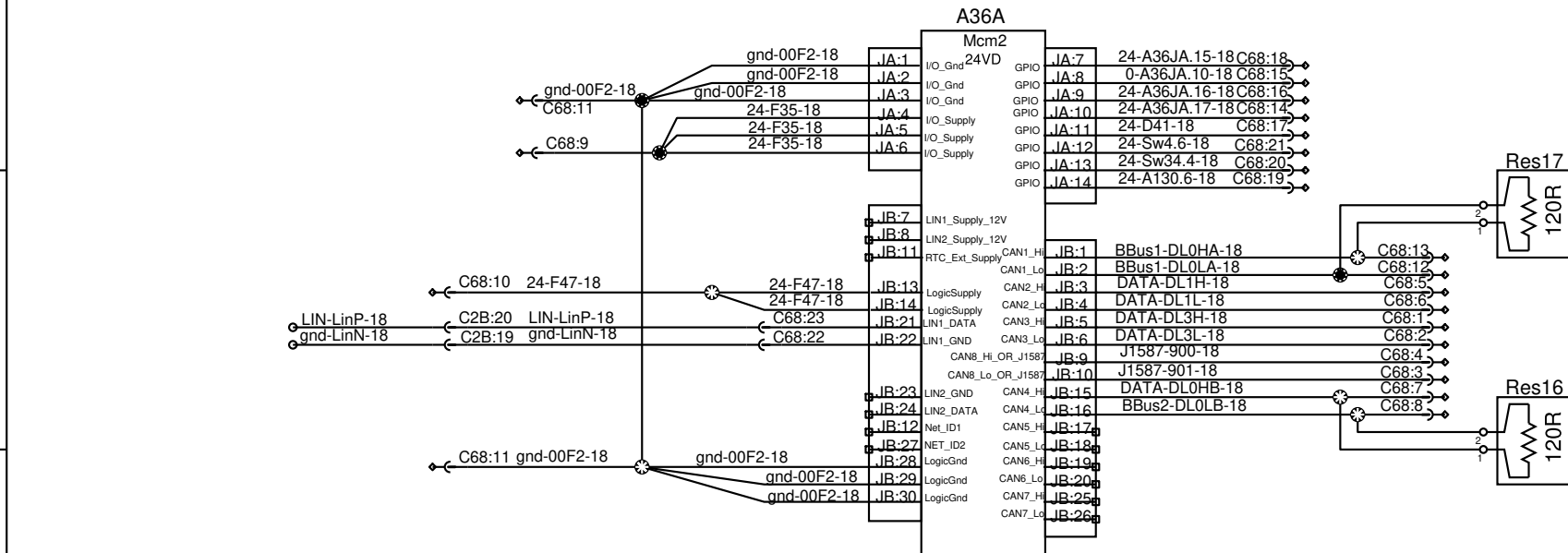
A

B

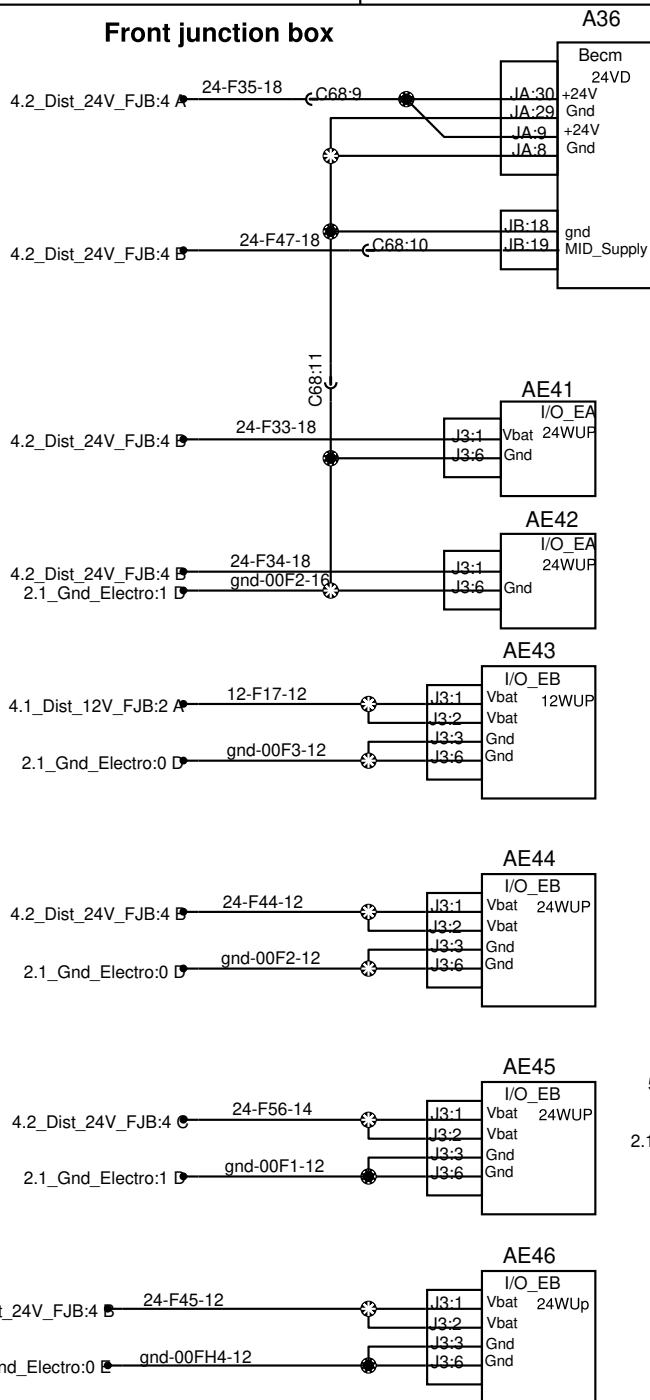
C

D

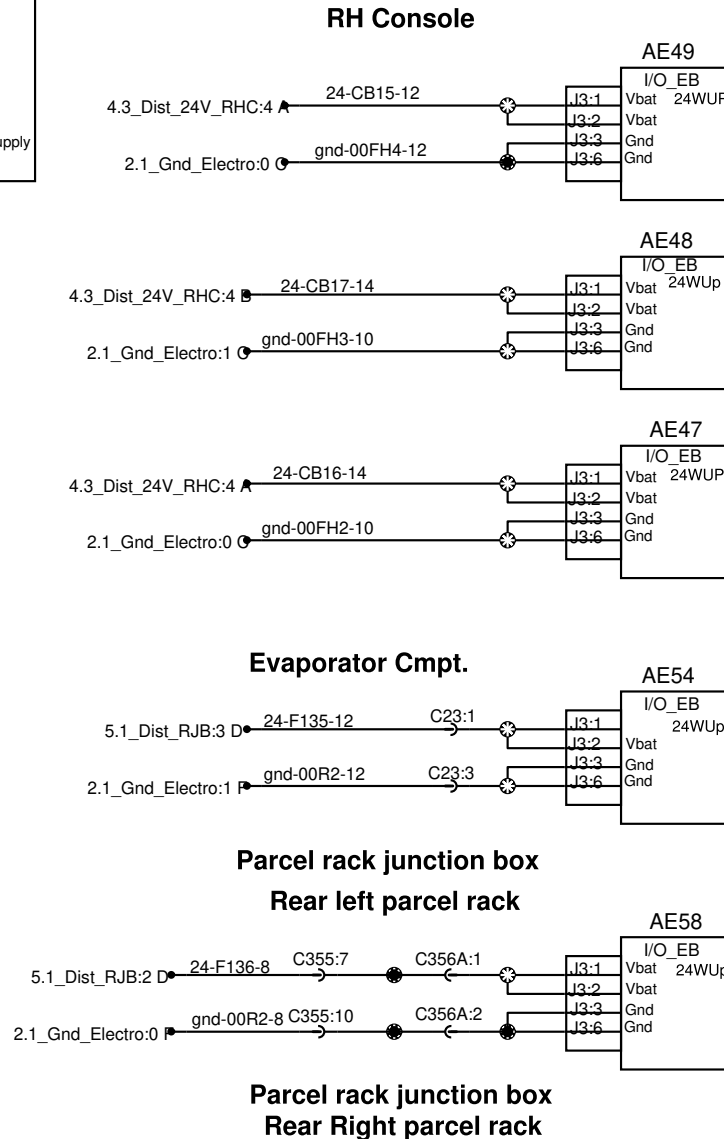
E



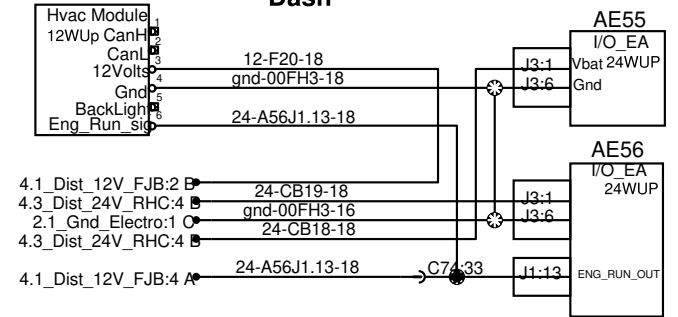
## Front junction box



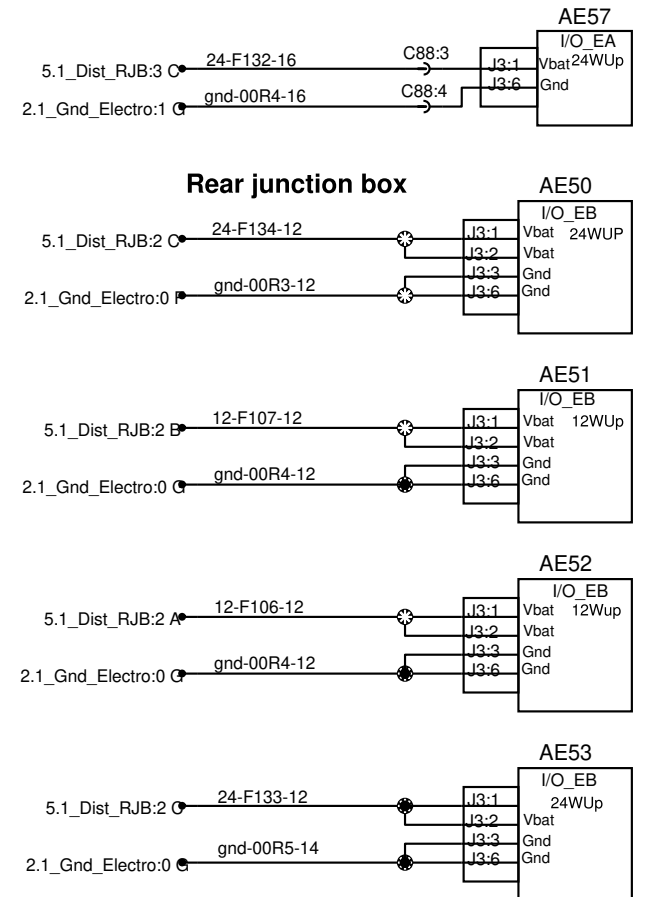
## Multiplex power supply distribution



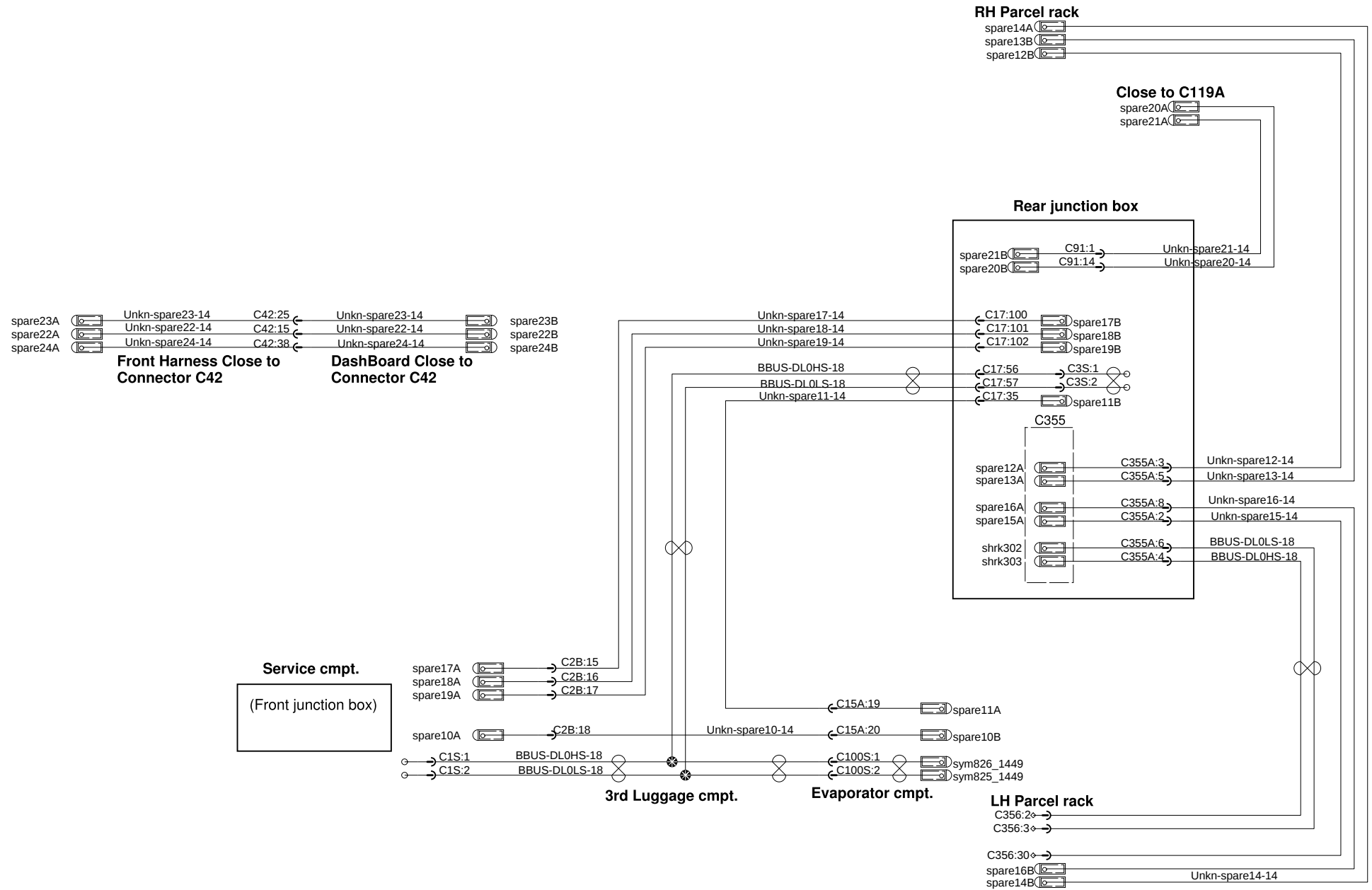
## A15



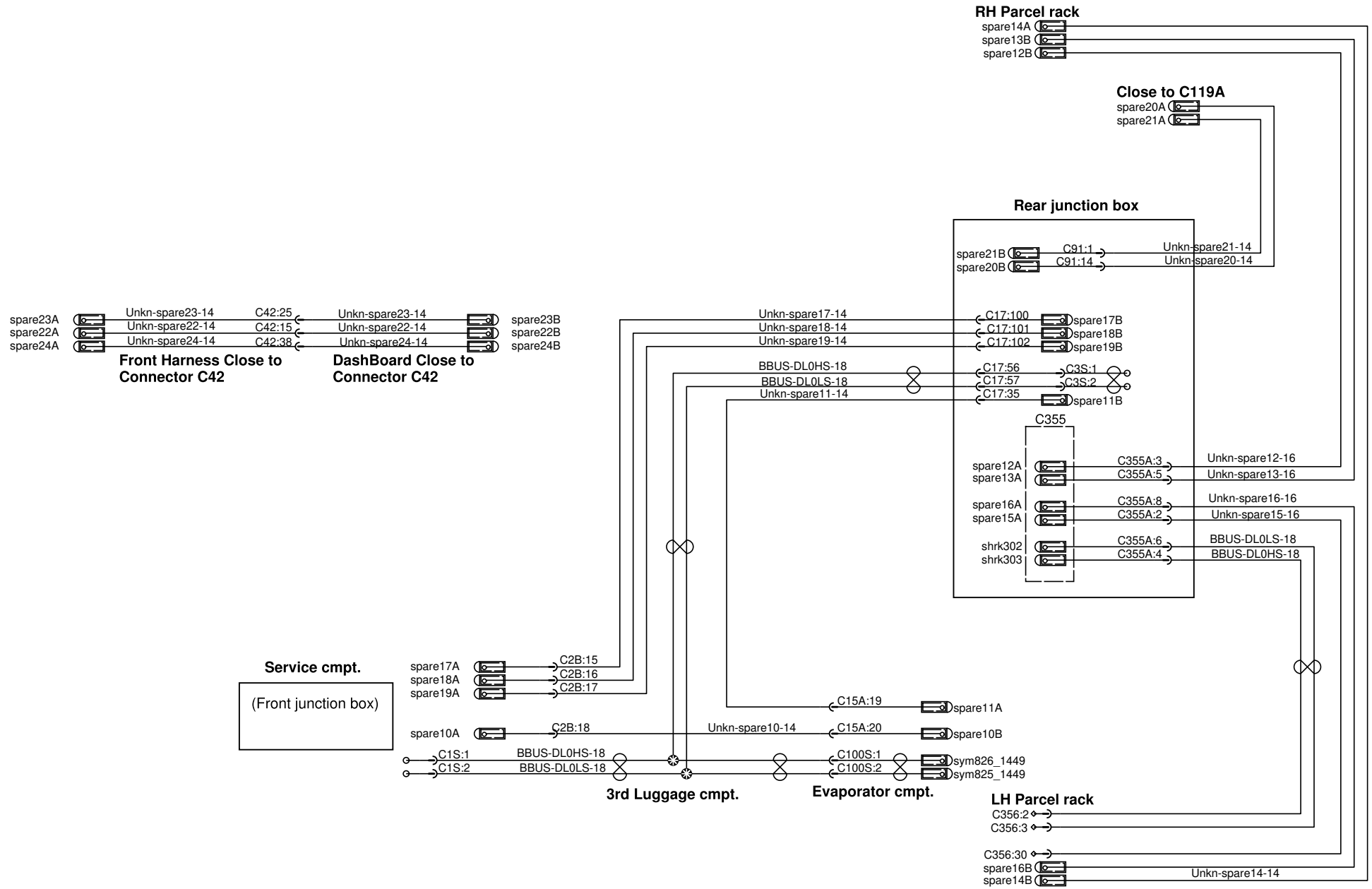
## WCL Cmppt.



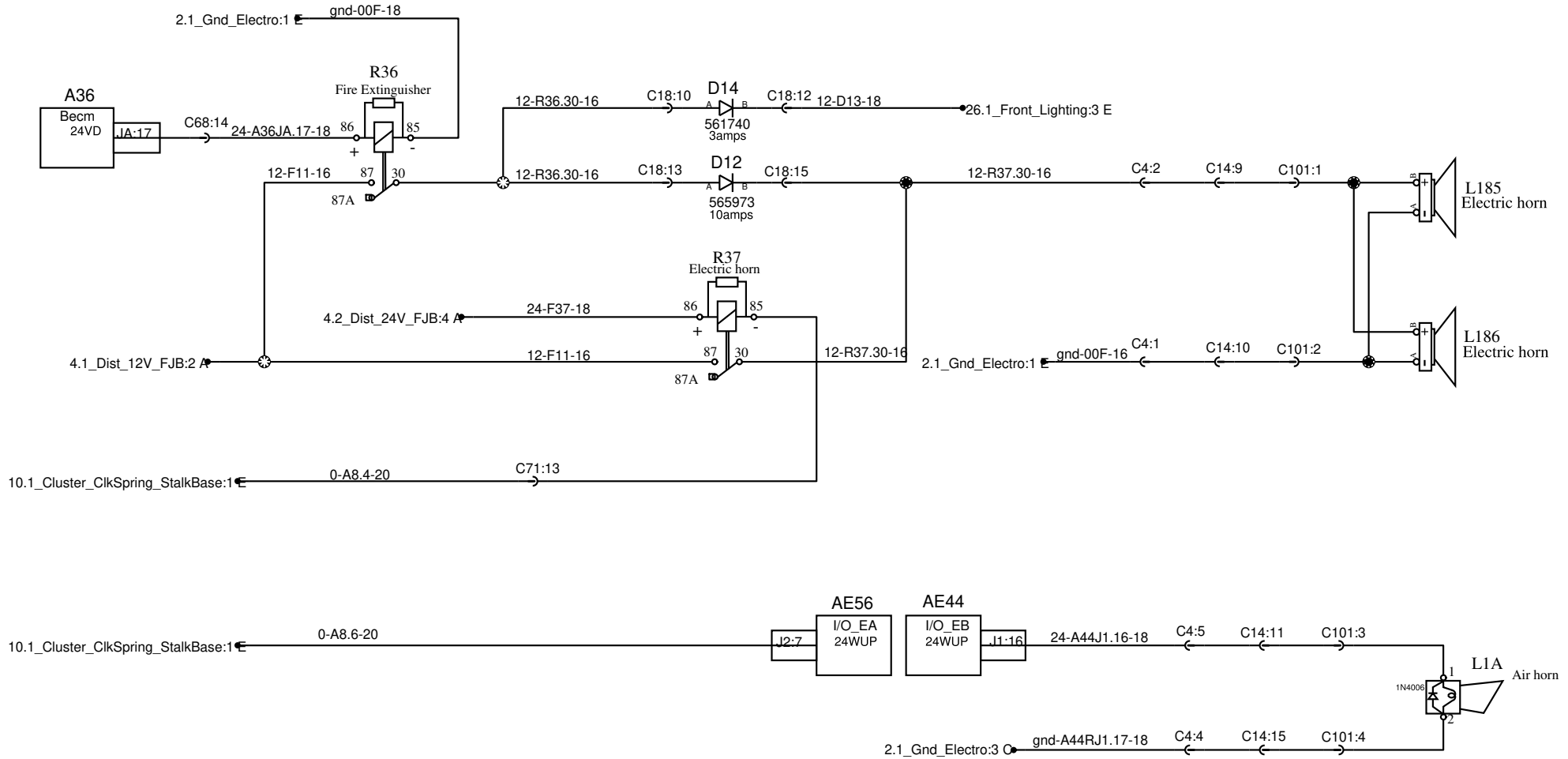
# Spares wires



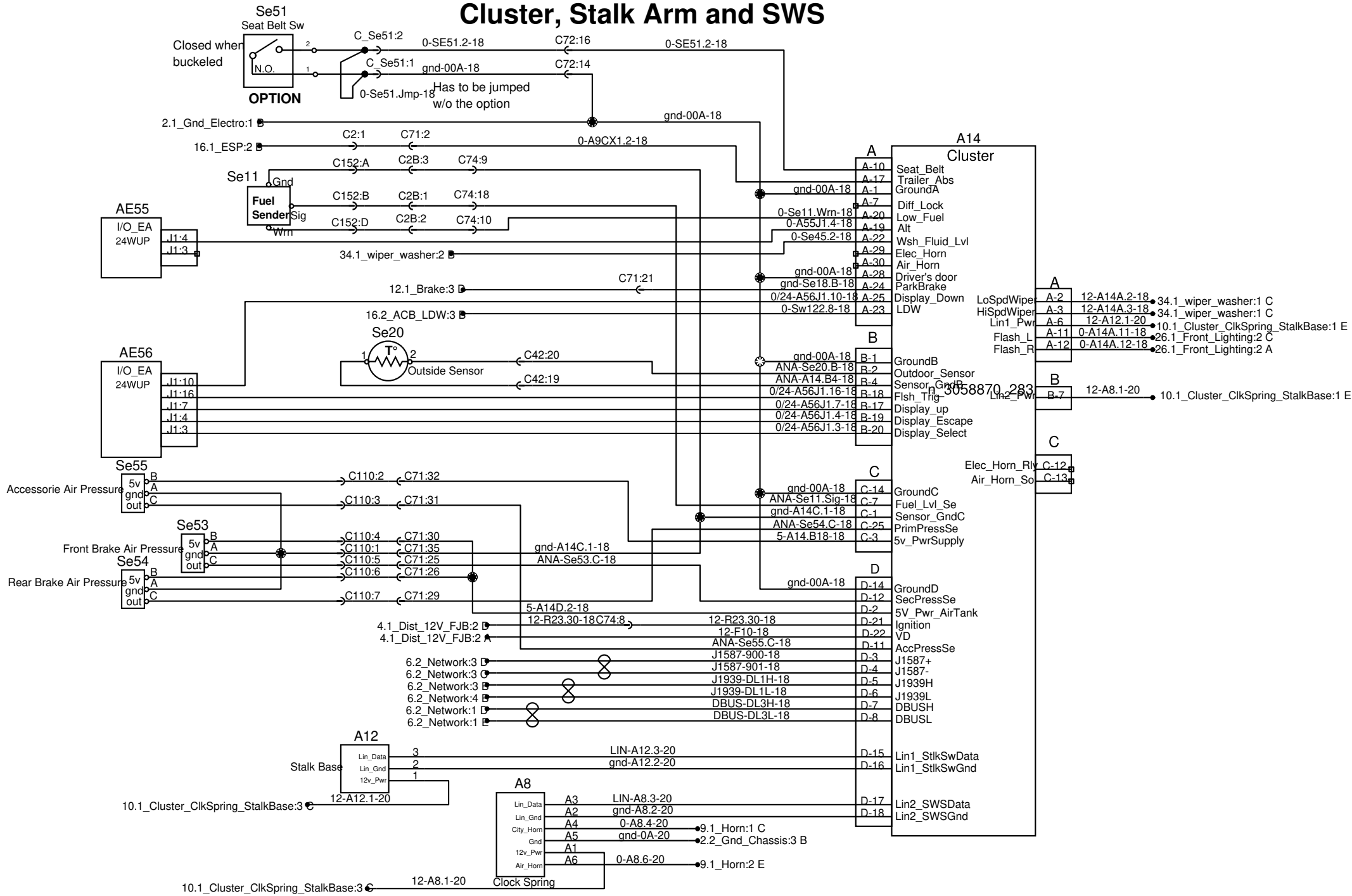
# Spares wires



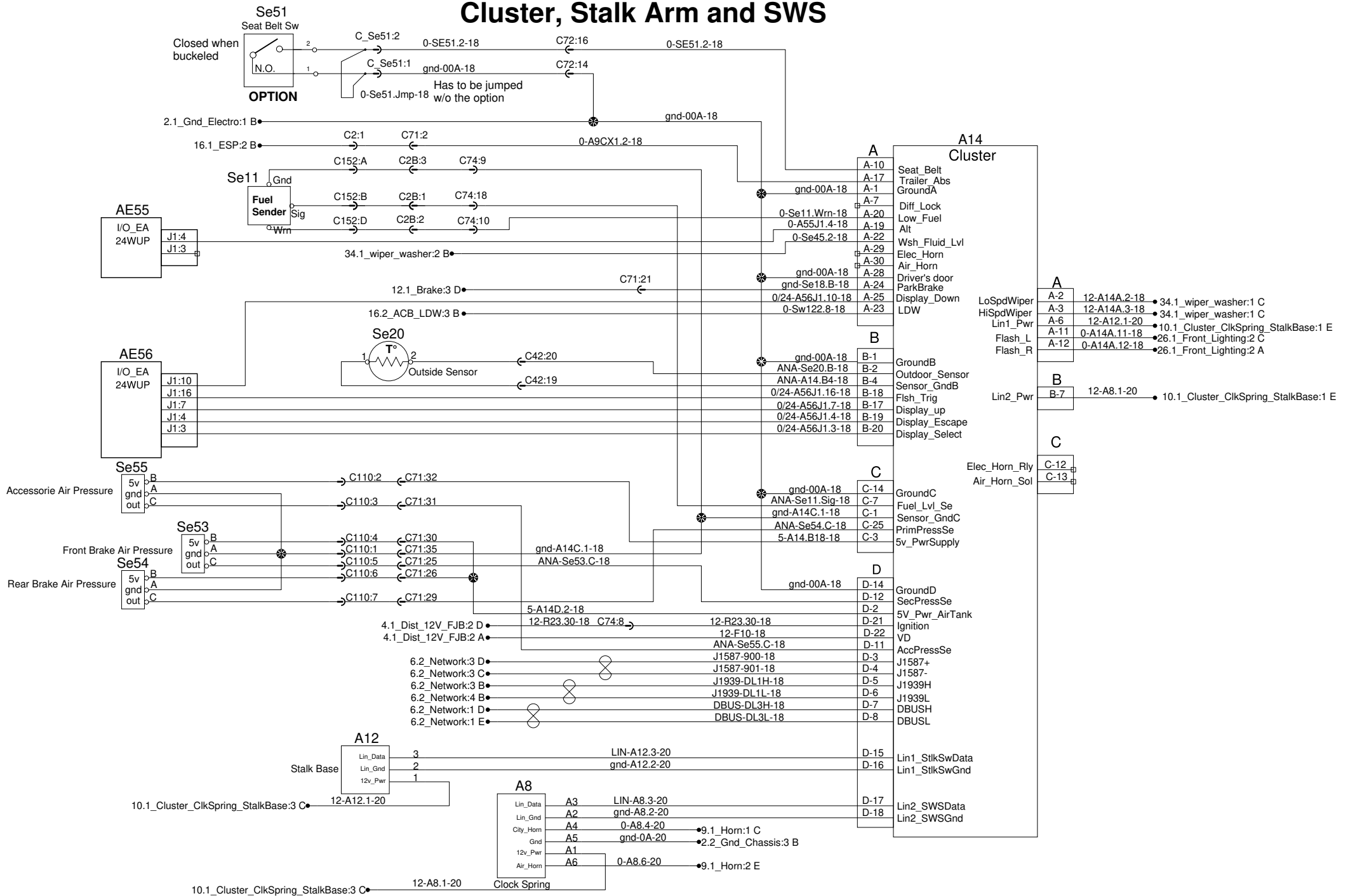
# Horn



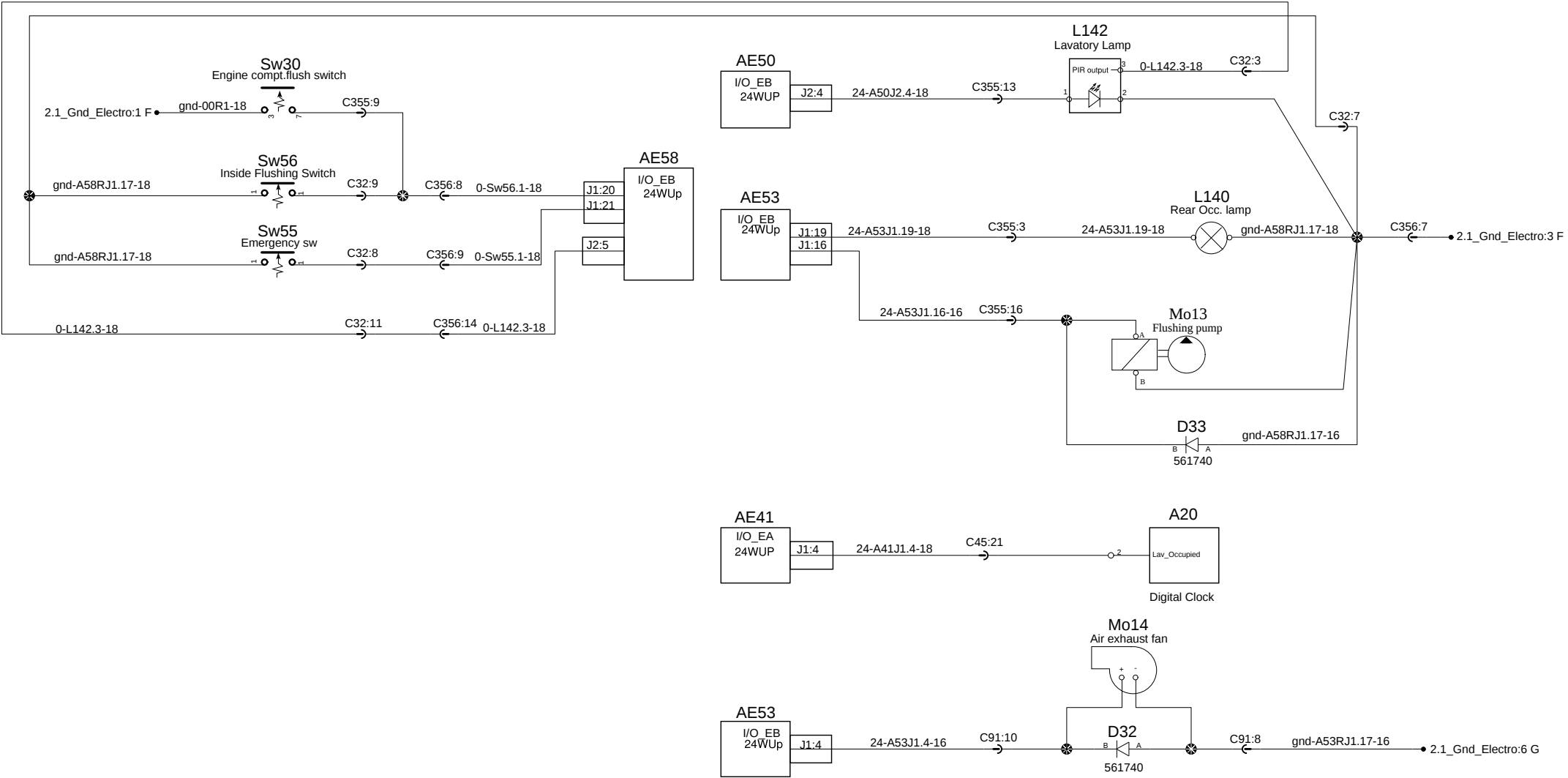
# Cluster, Stalk Arm and SWS



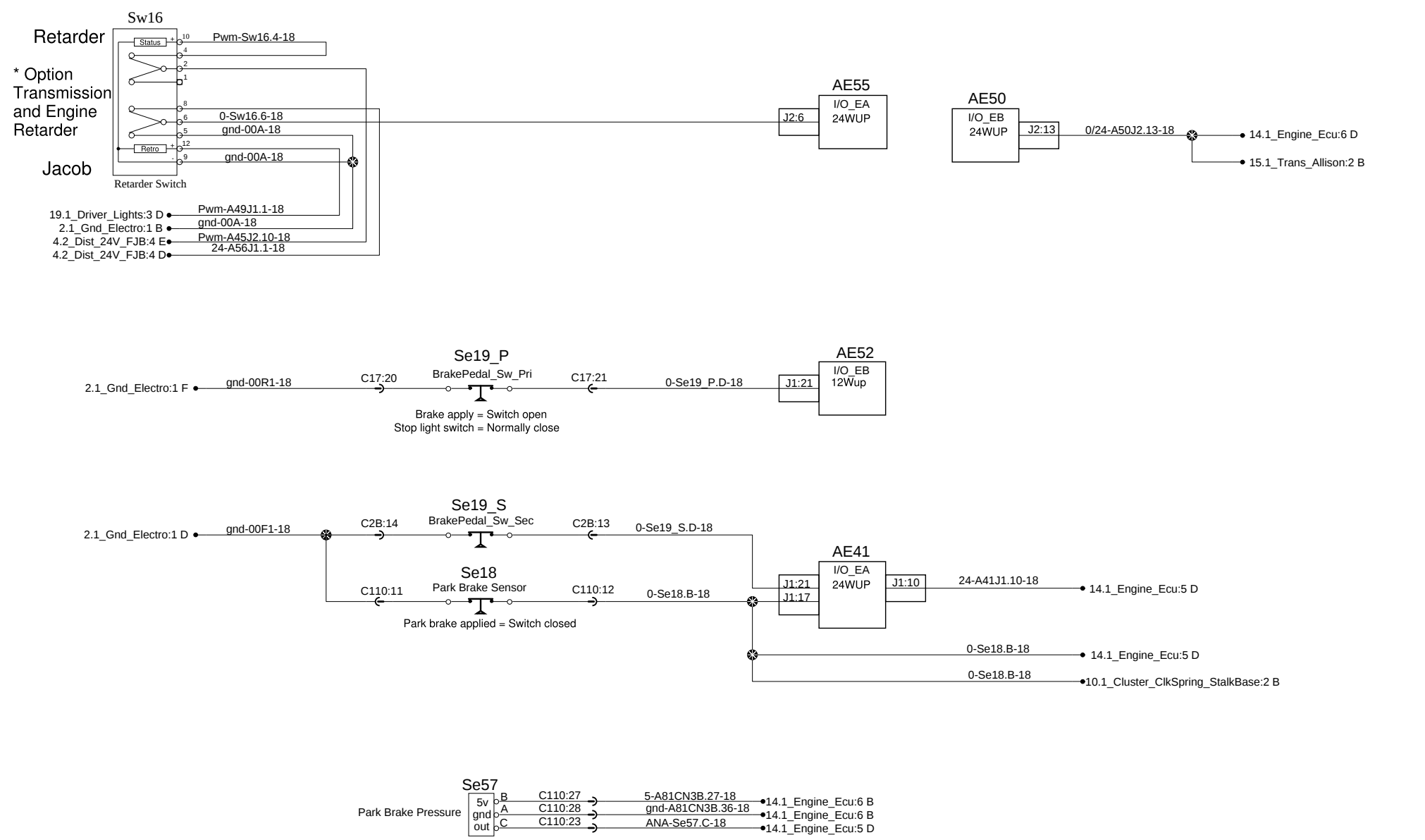
# Cluster, Stalk Arm and SWS



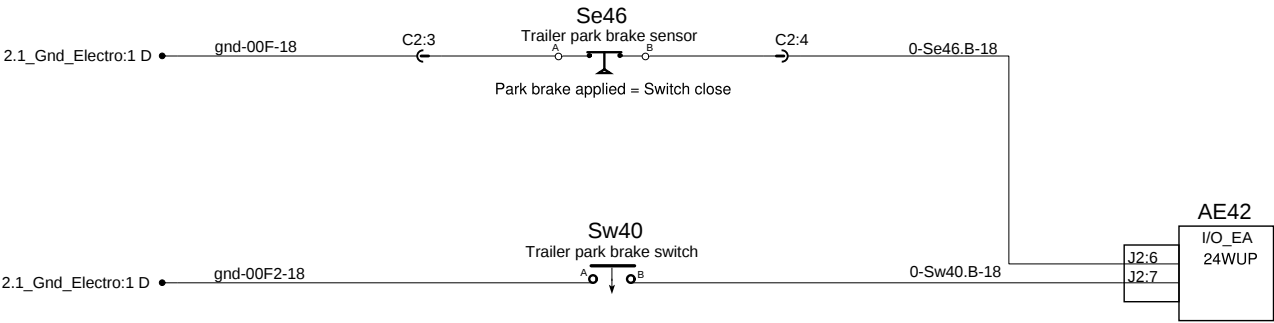
Lavatory and No Smoking sign



Brake, Engine brake and Retarder



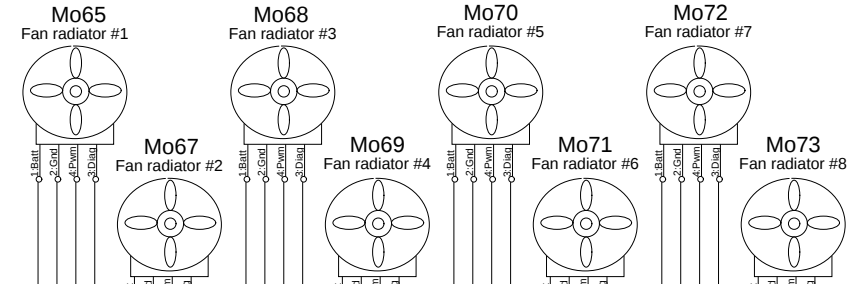
Trailer park brake



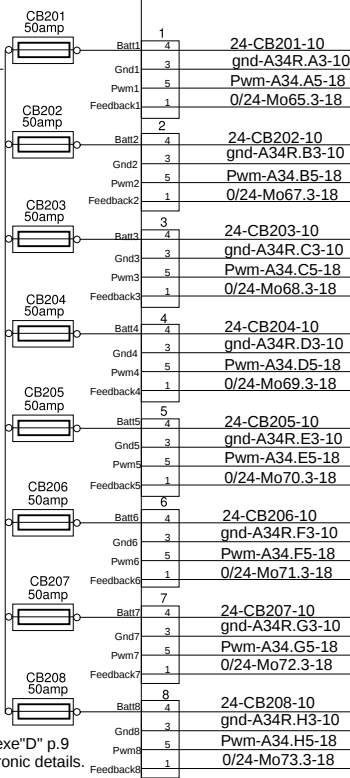
# Electric fans drive

CAC

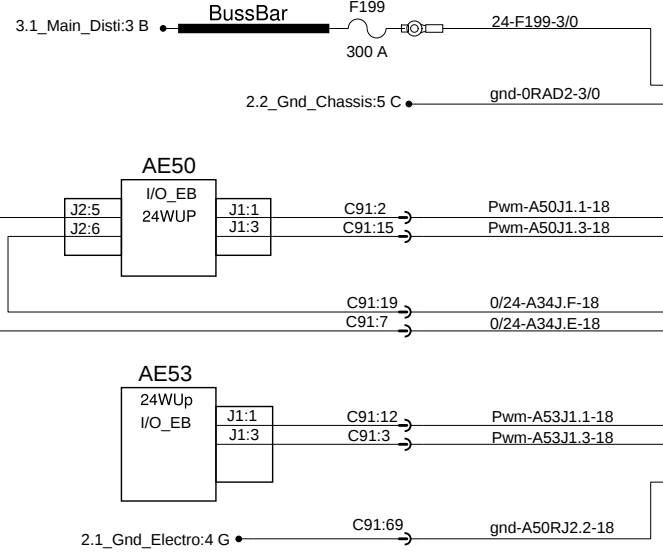
Engine



A34  
I/F FanDrive PowerBox



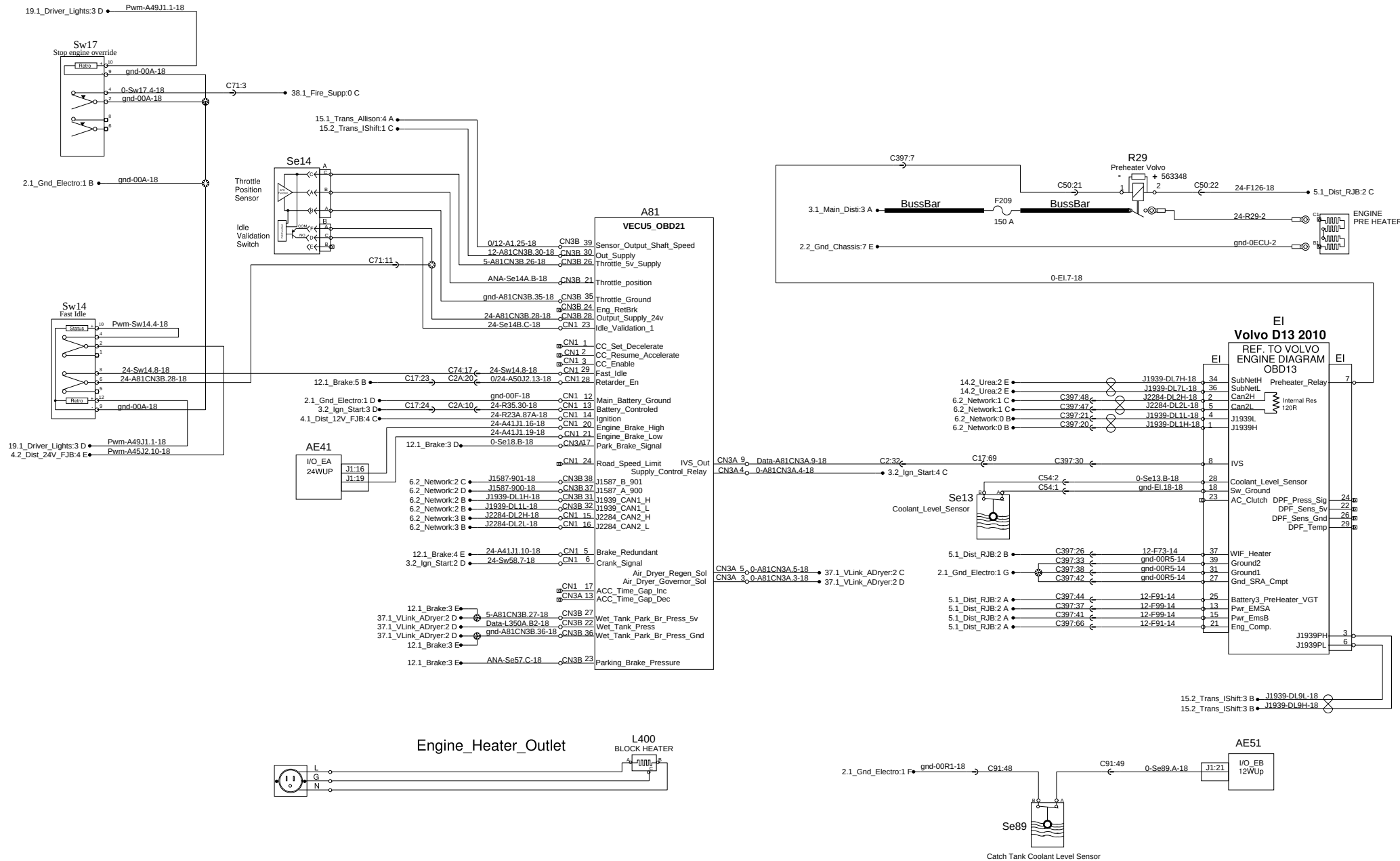
See annexe"D" p.9  
for electronic details.



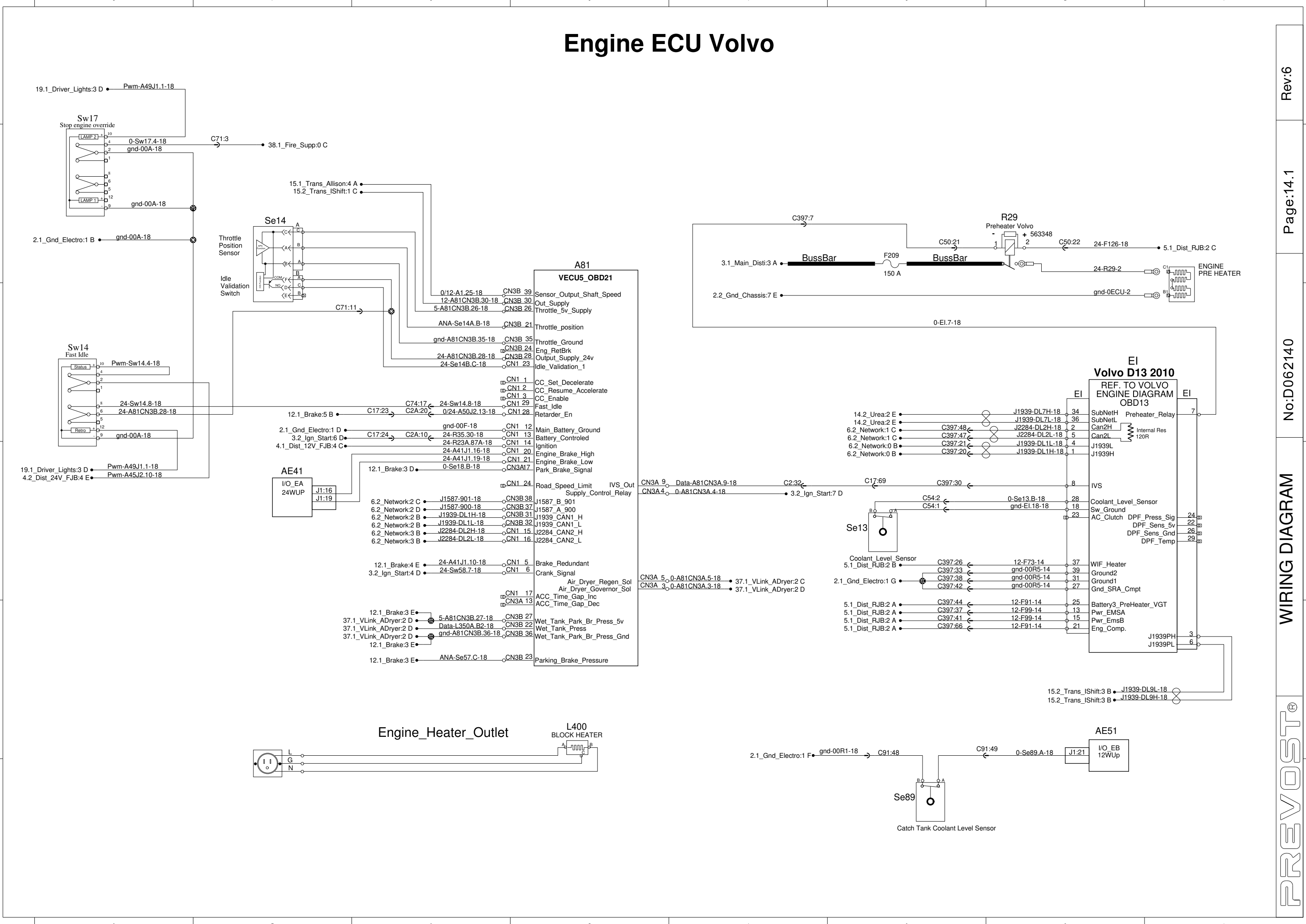
AE50  
I/O\_EB  
24WUP

AE53  
24WUp  
I/O\_EB

# Engine ECU Volvo



Engine ECU Volvo



A

B

C

D

E

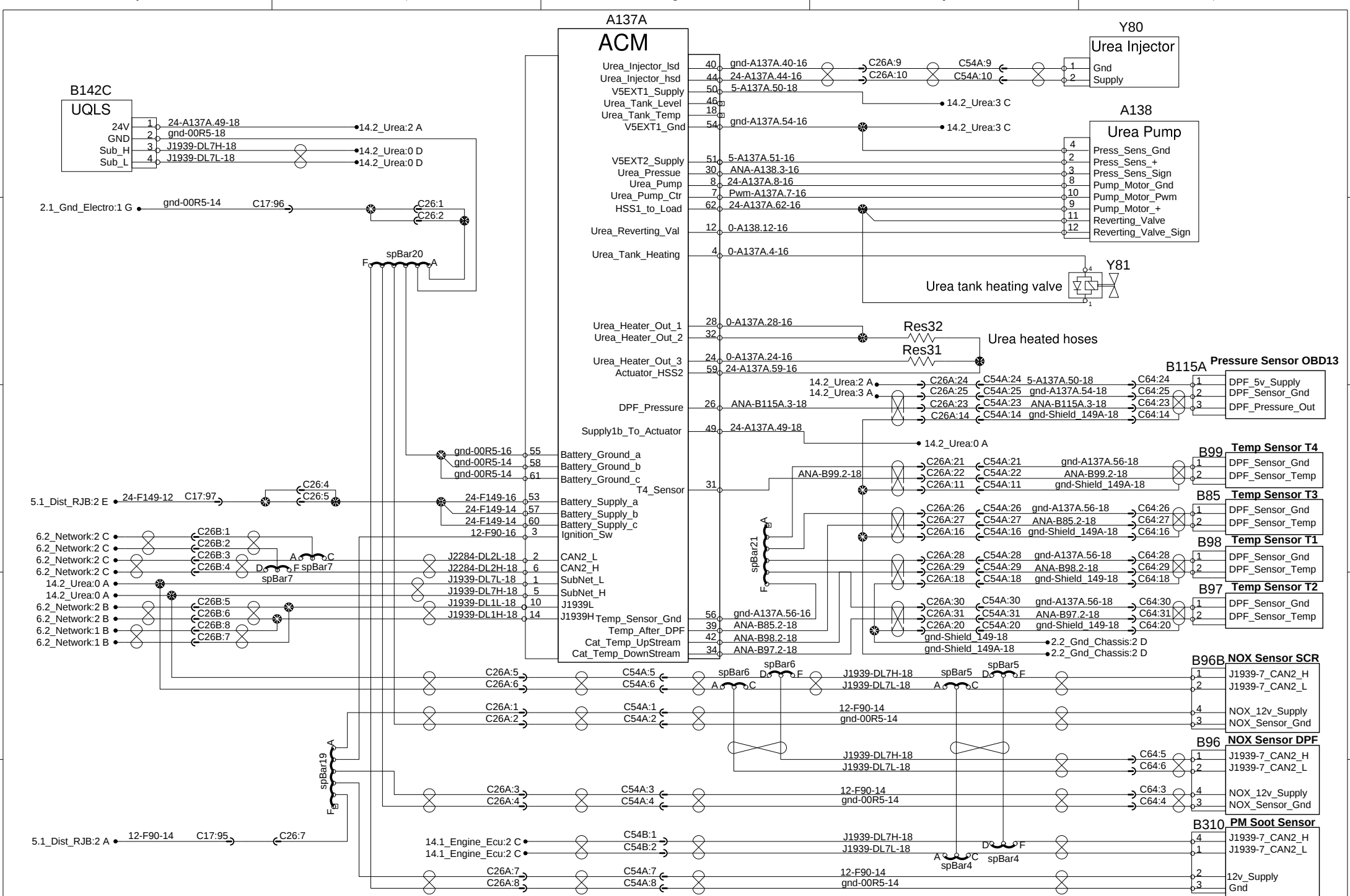
A

B

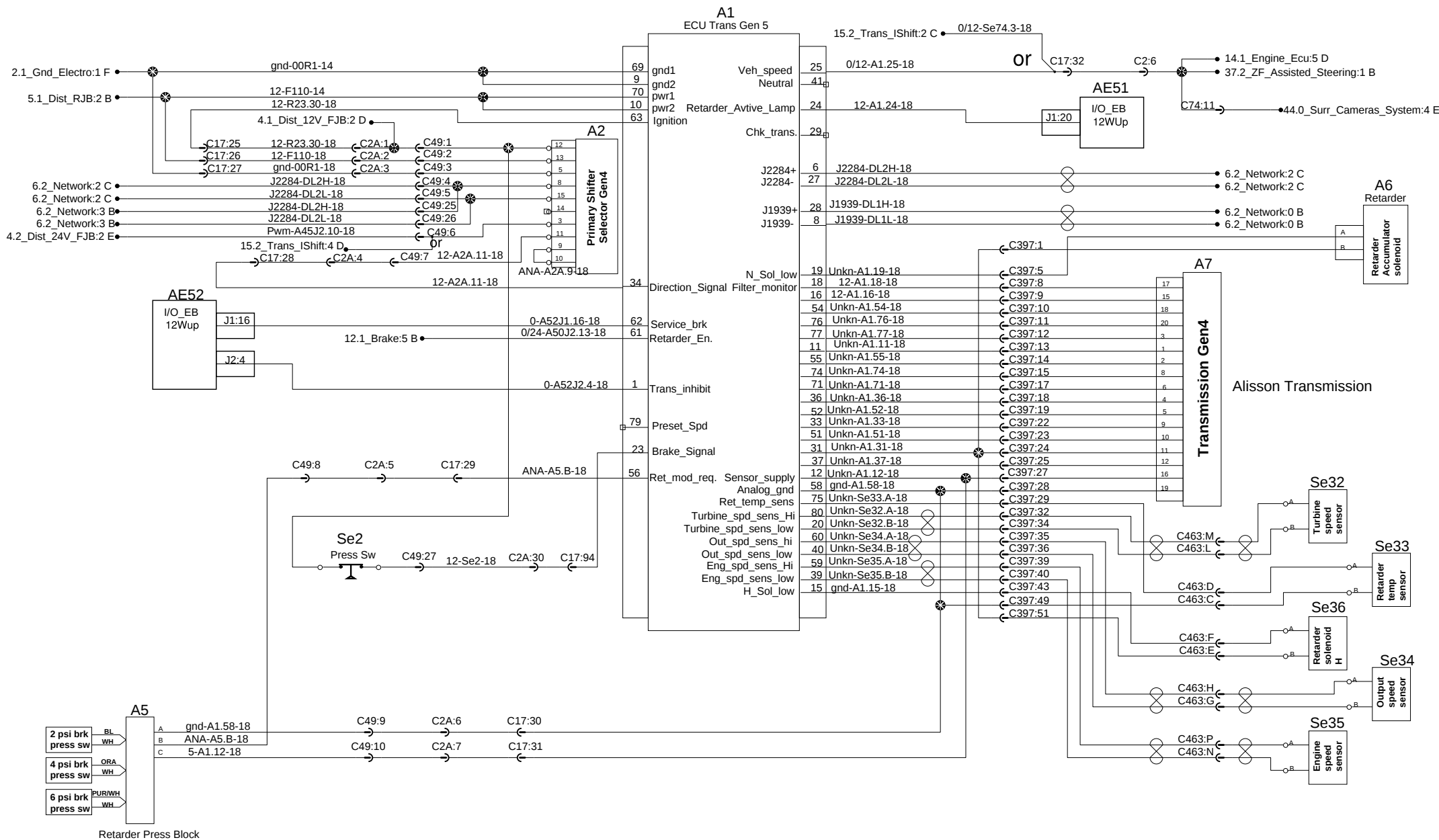
C

D

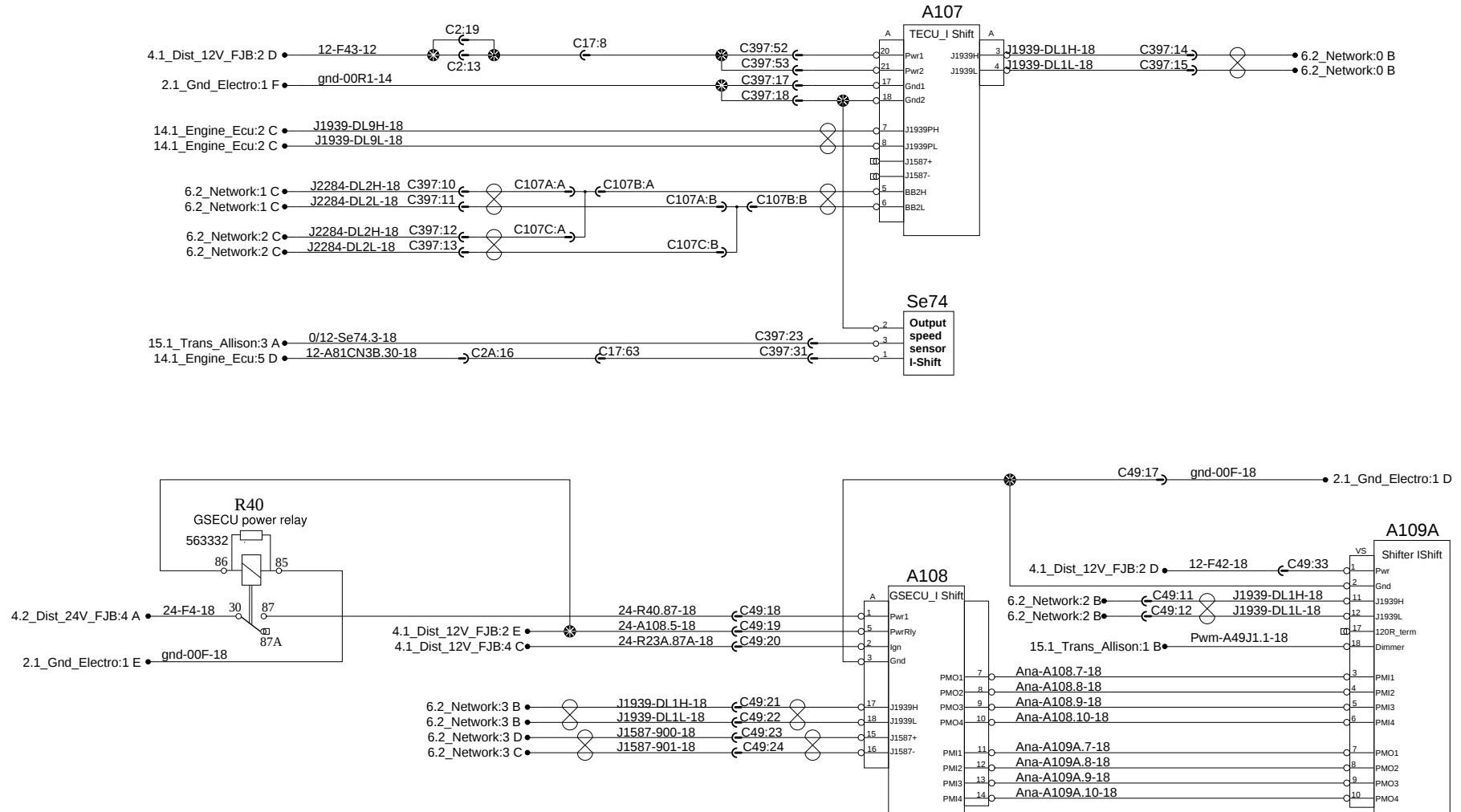
E



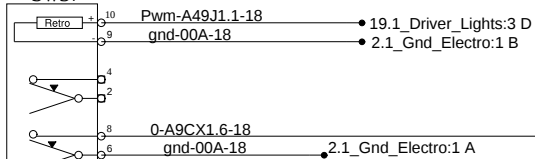
# Transmission Alisson Gen 5



# Transmission I\_Shift

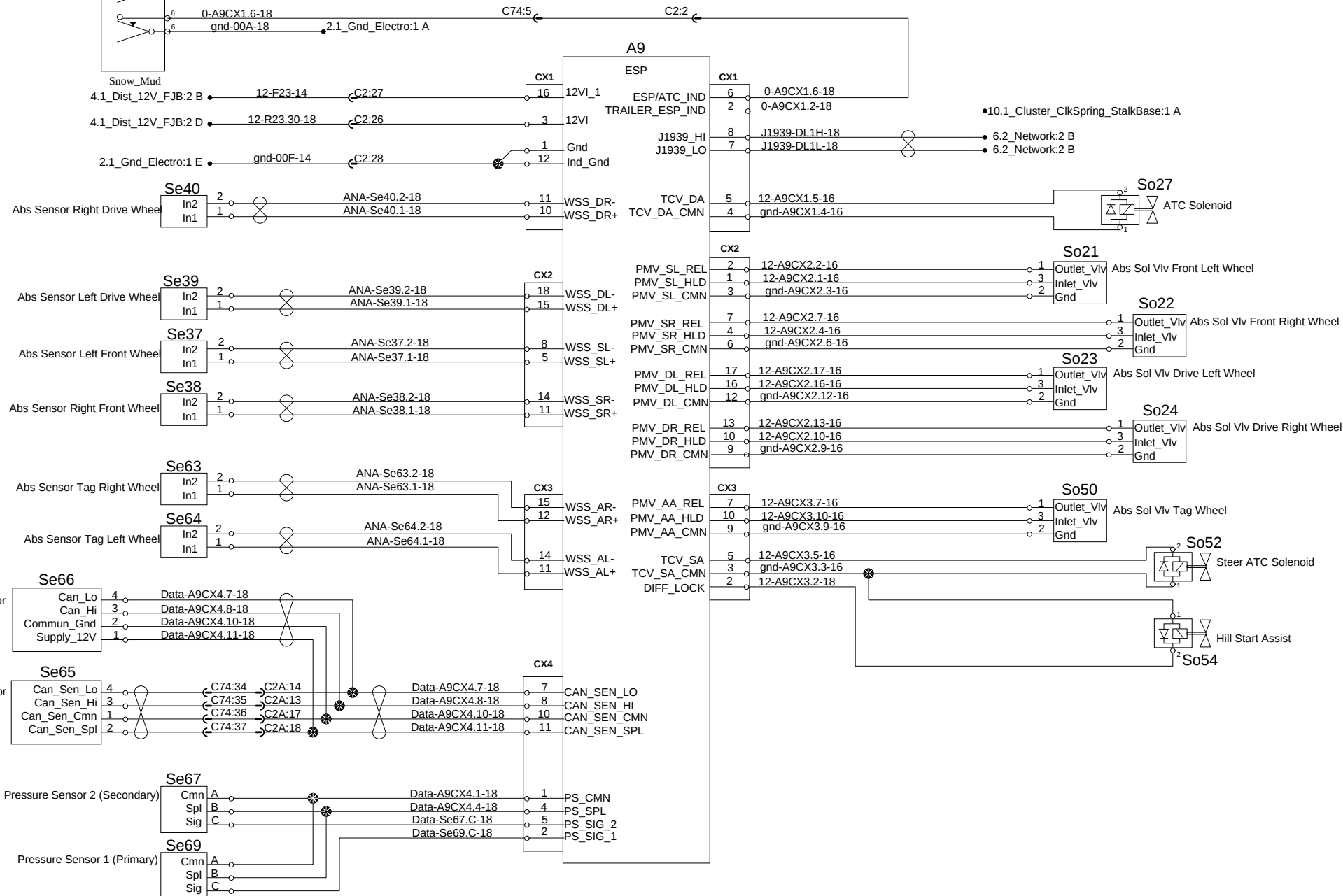


Sw37



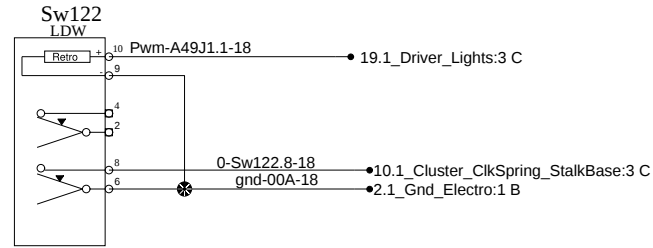
ESP

## Electronic Stability Program

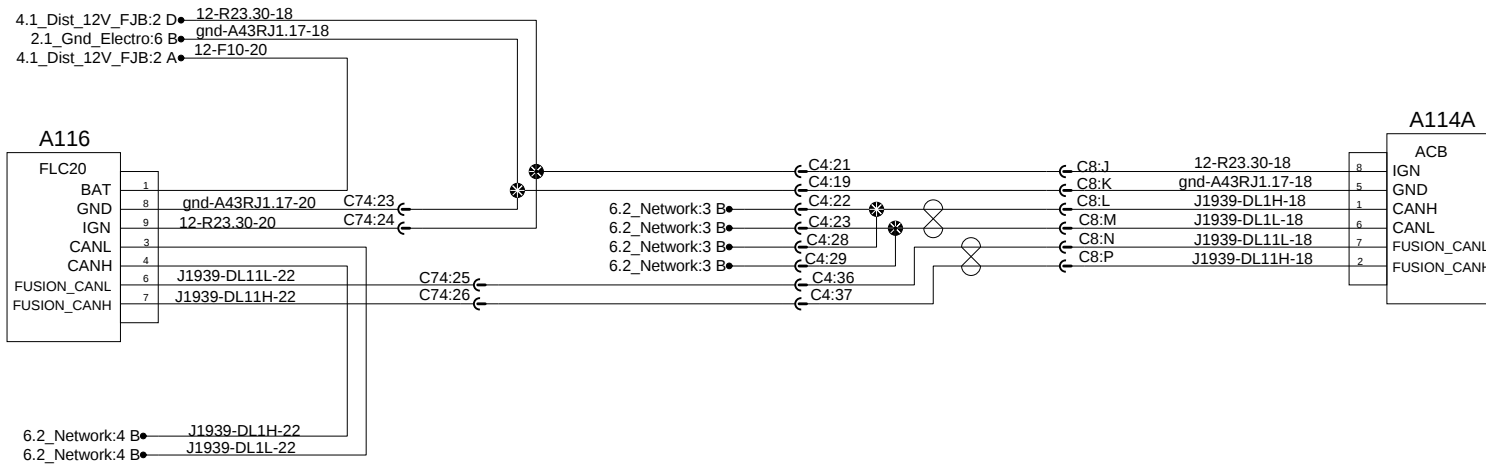
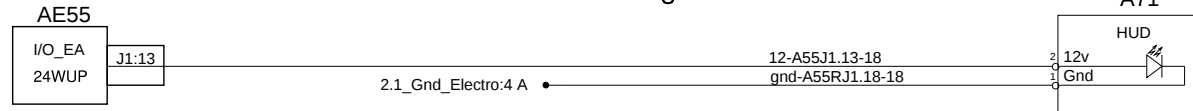


# ACC & LDW

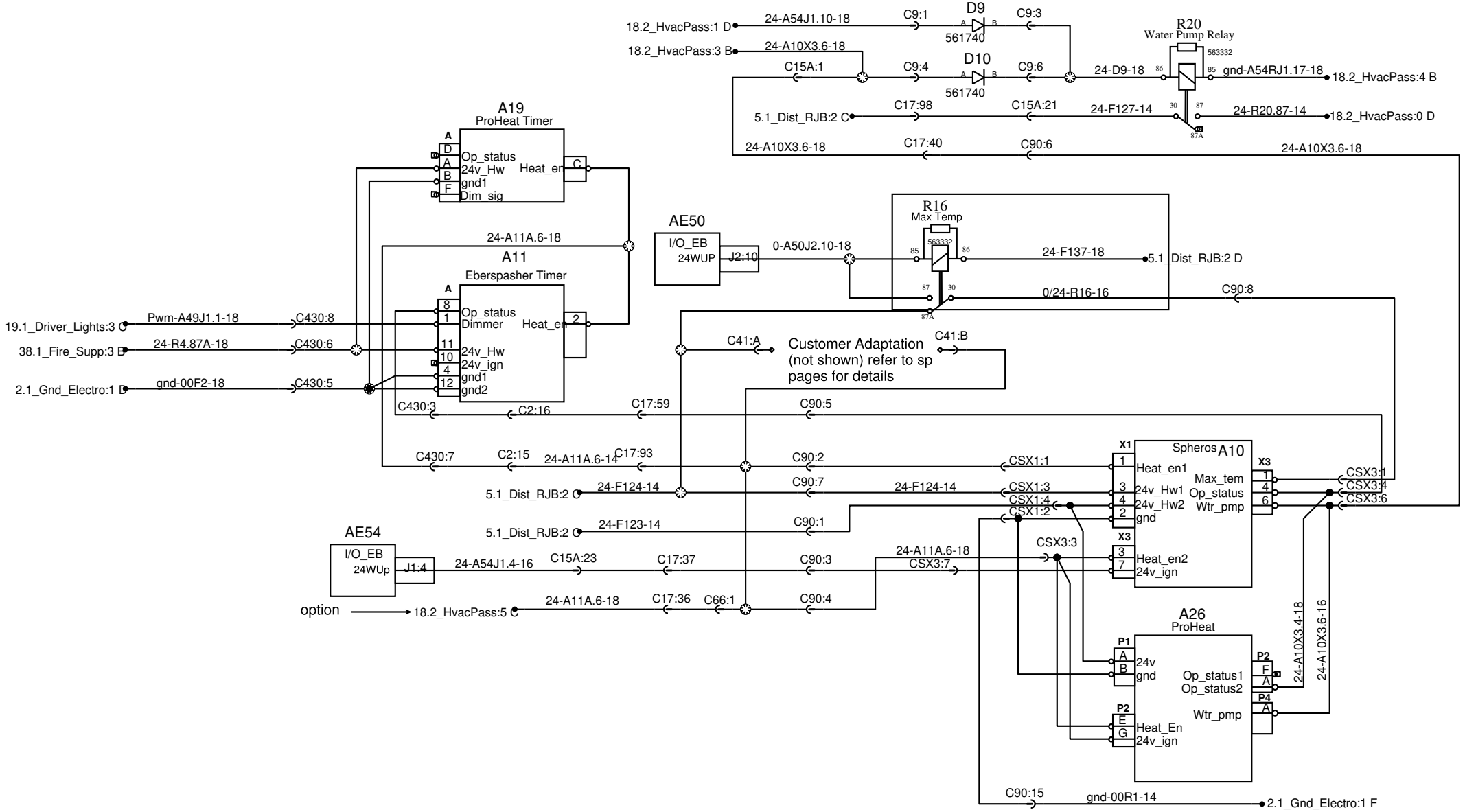
## Adaptative cruise control breaking and Line departure warning



## Forward collision warning

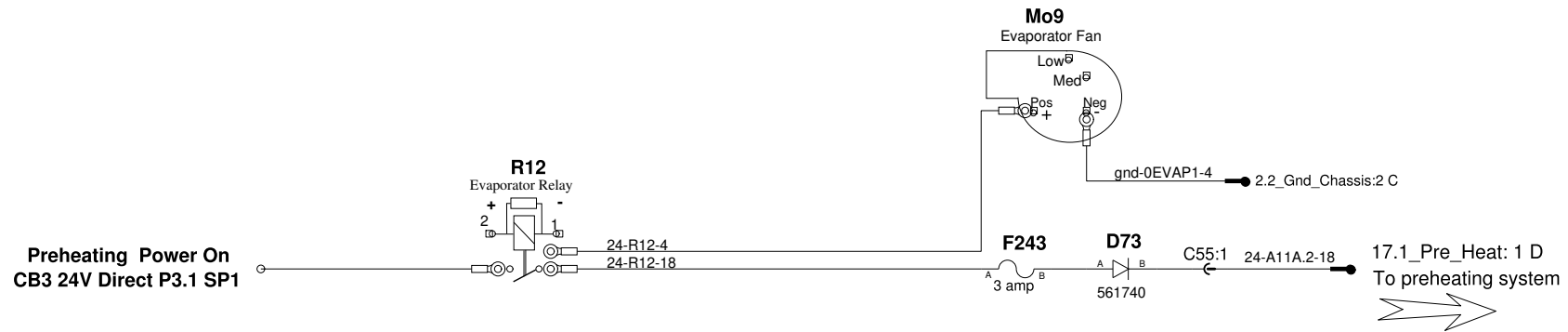


# Water PreHeater (Spheros or Pro-Heat)

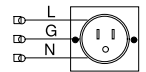


# Water PreHeater System Forced Customer Adaptation Offshore Heating Function

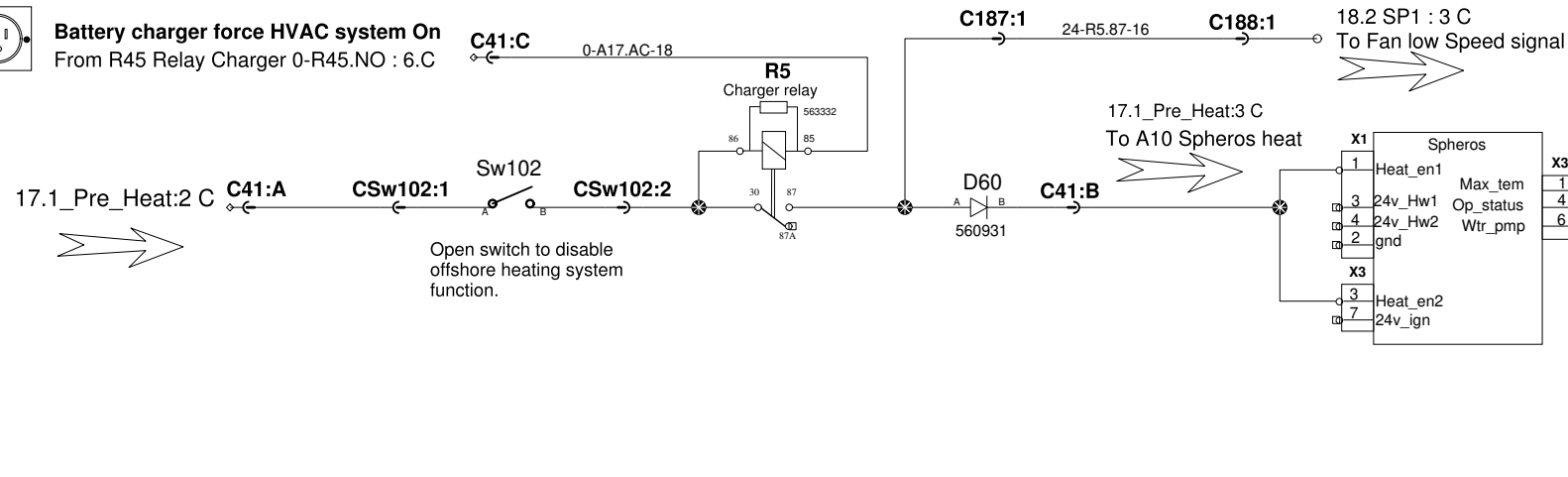
REFER TO P18.2 (STD) FOR ALL DETAILS



Outlet Comp Door



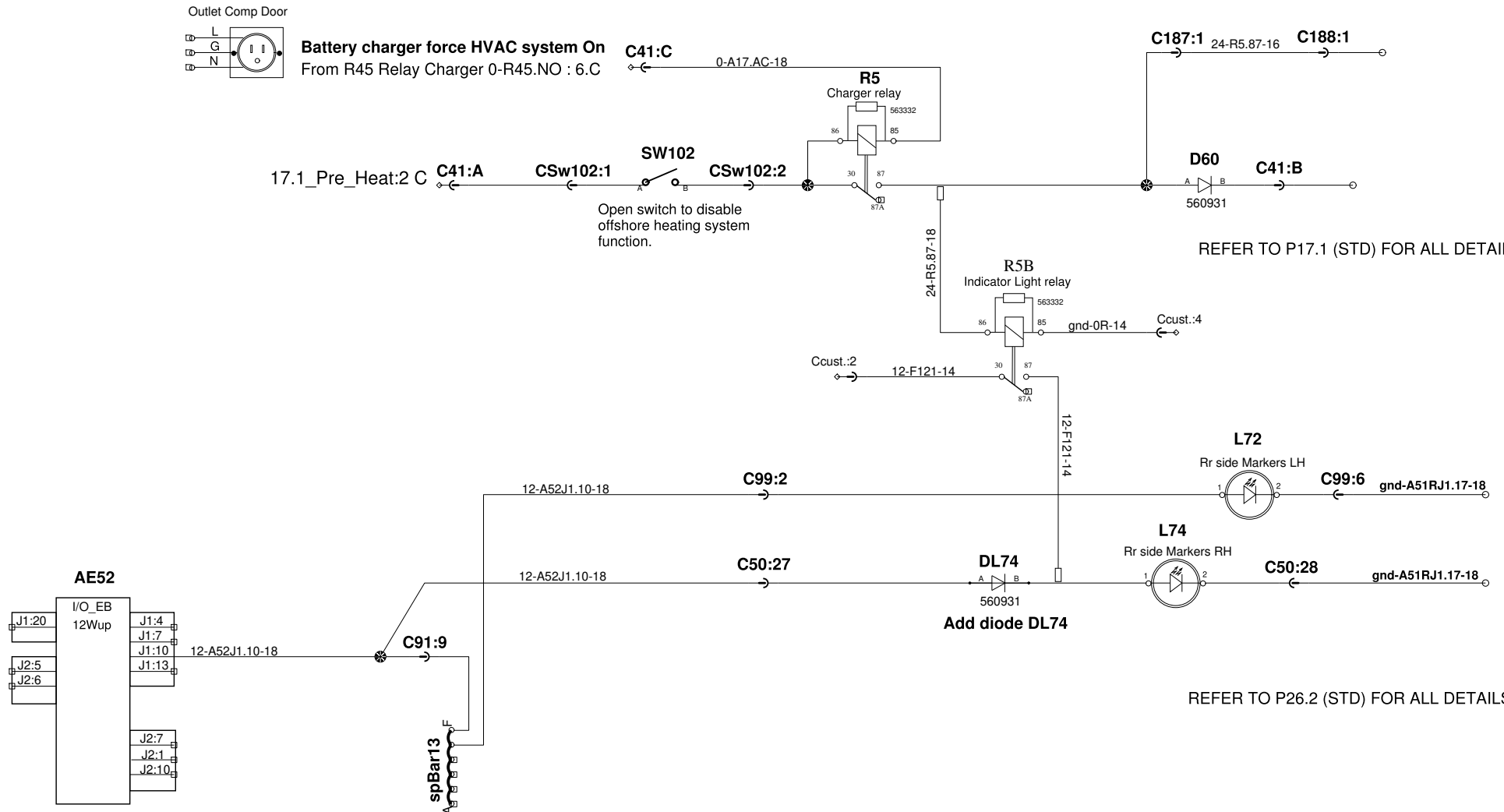
**Battery charger force HVAC system On**  
From R45 Relay Charger 0-R45.NO : 6.C



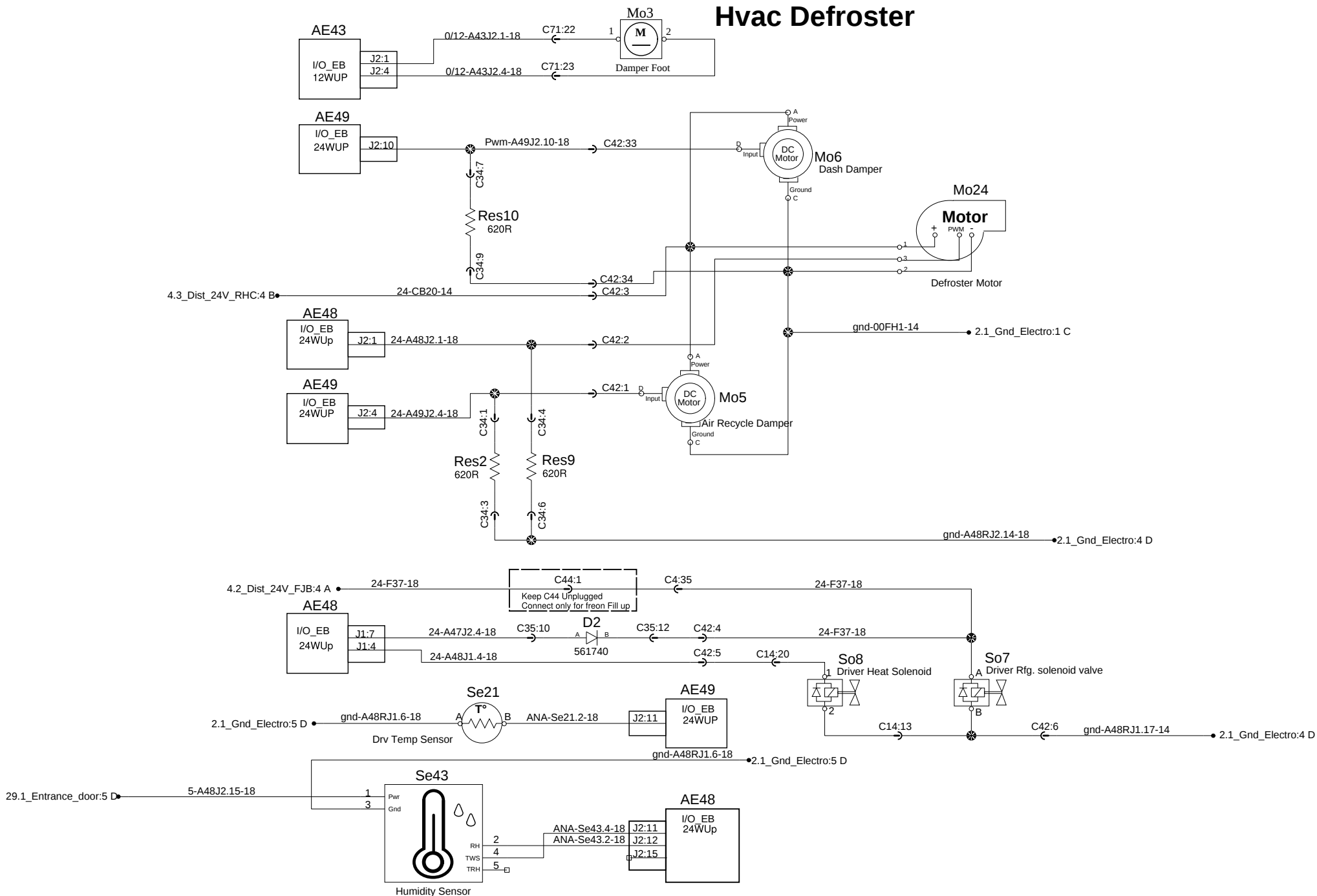
REFER TO P17.1 (STD) FOR ALL DETAILS

To R20 water pump relay  
and Valve So13  
All details 17.1 : 2 B

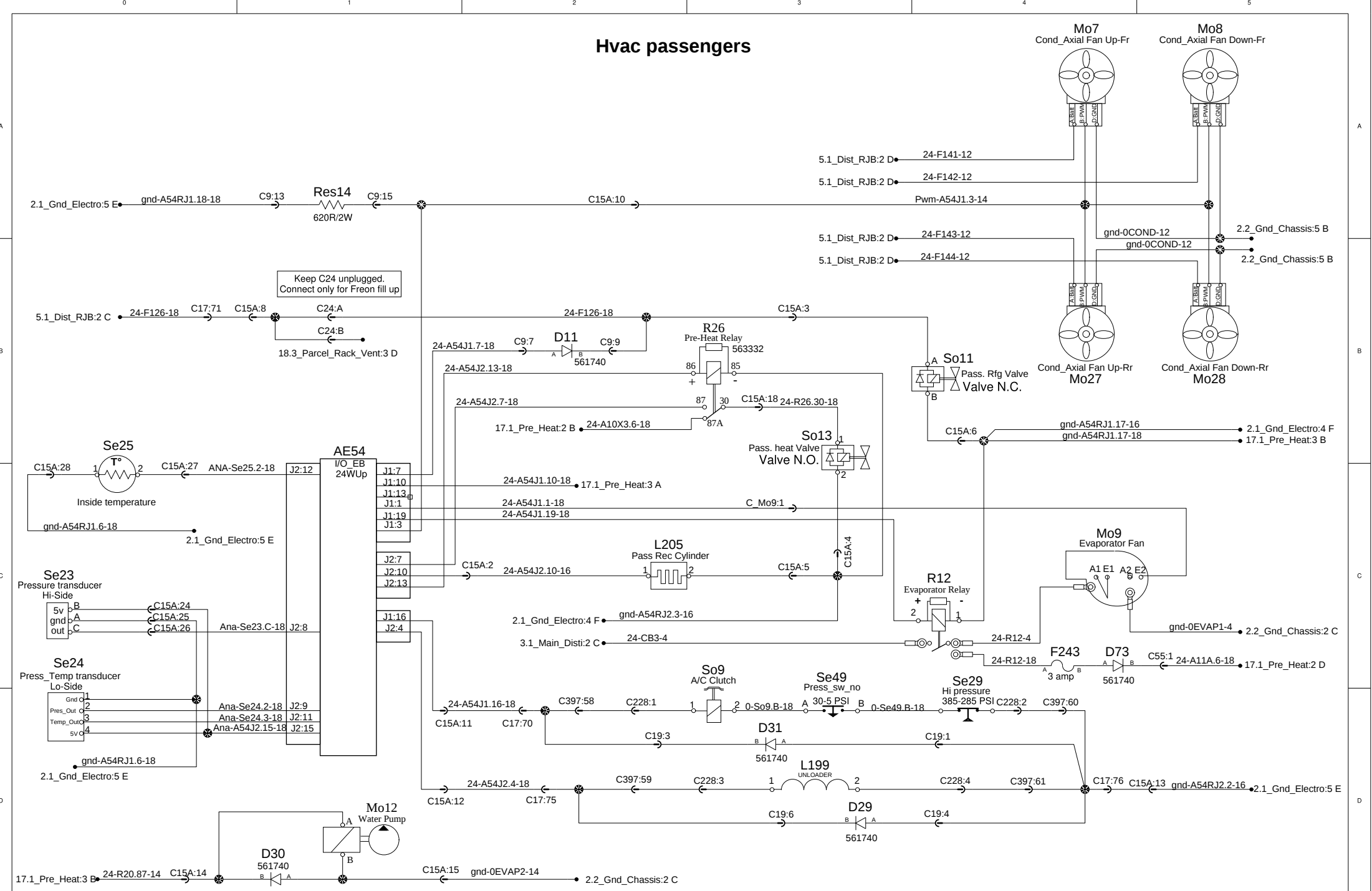
# Indicator Light Pre Heating Keolis Option



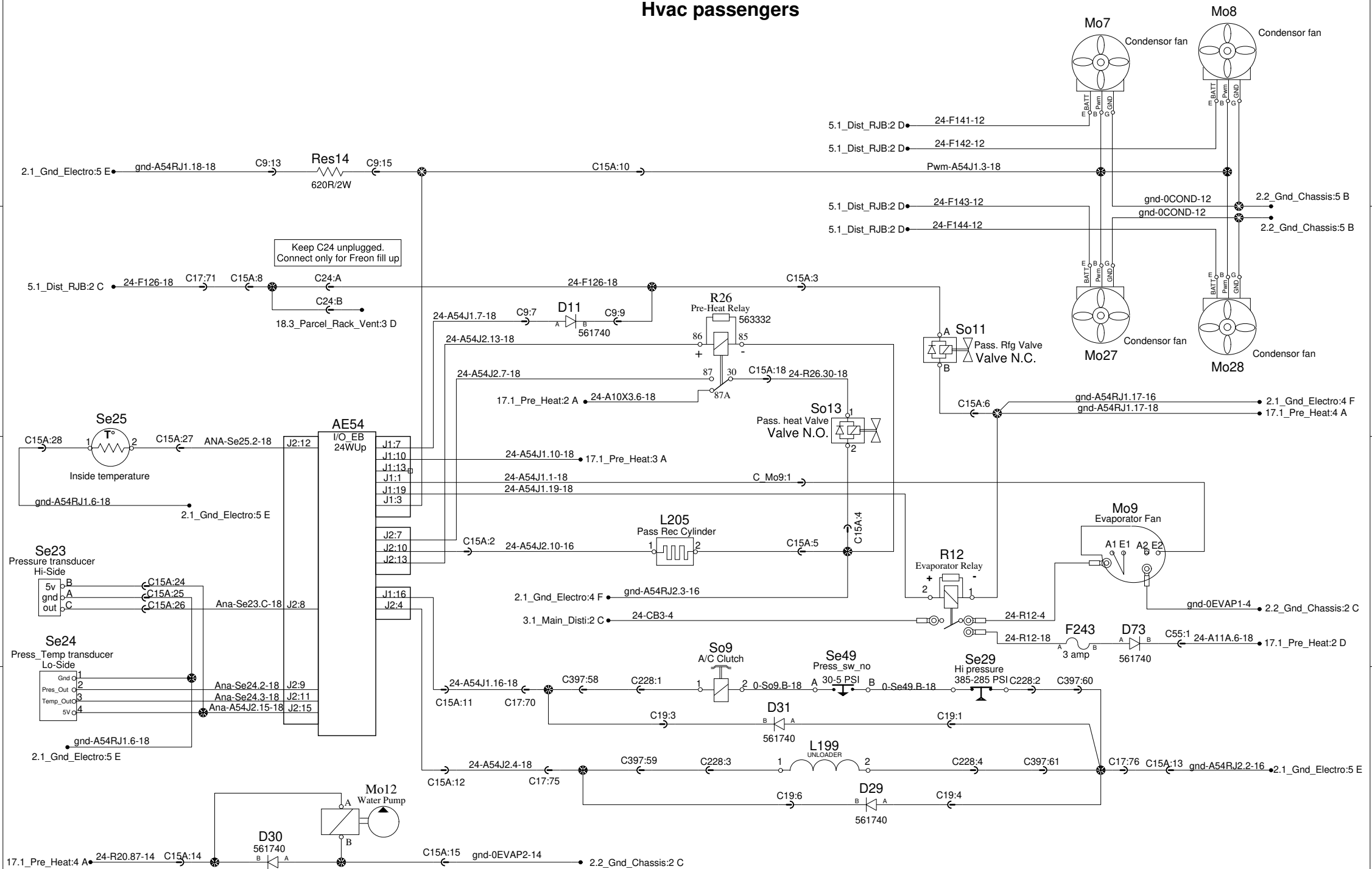
# Hvac Defroster



# Hvac passengers

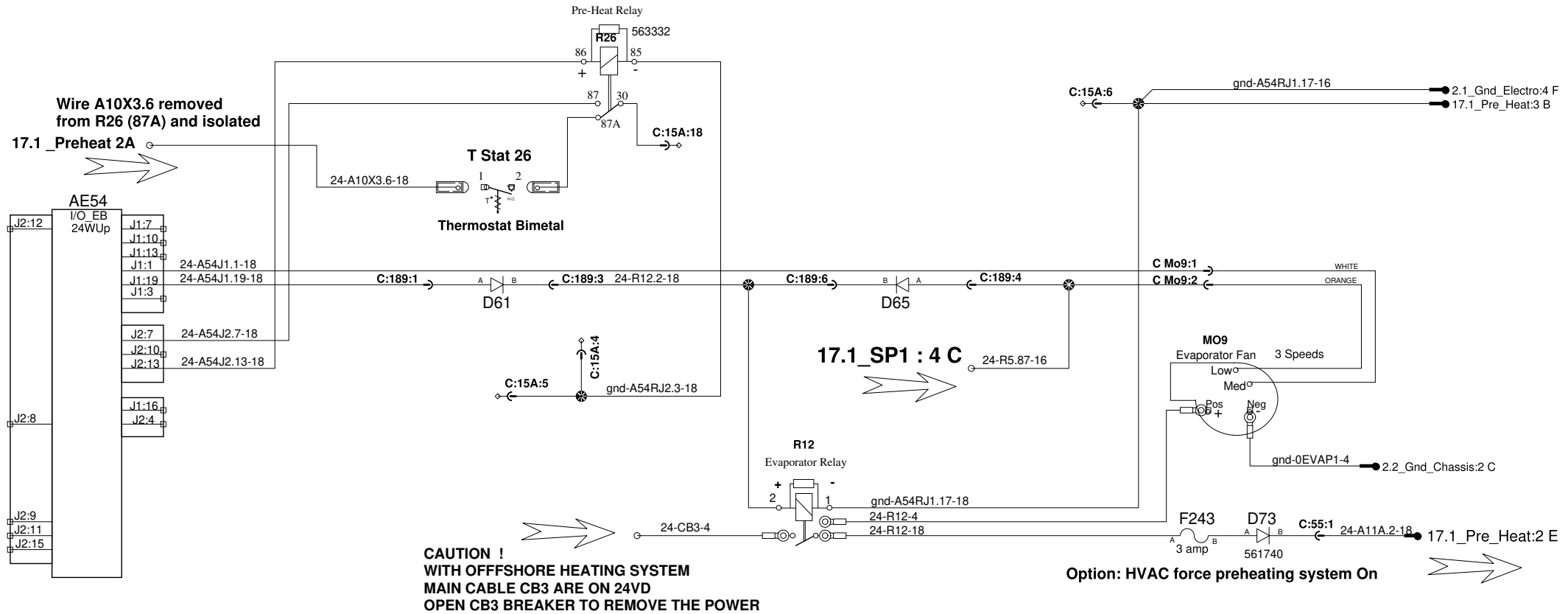


# Hvac passengers



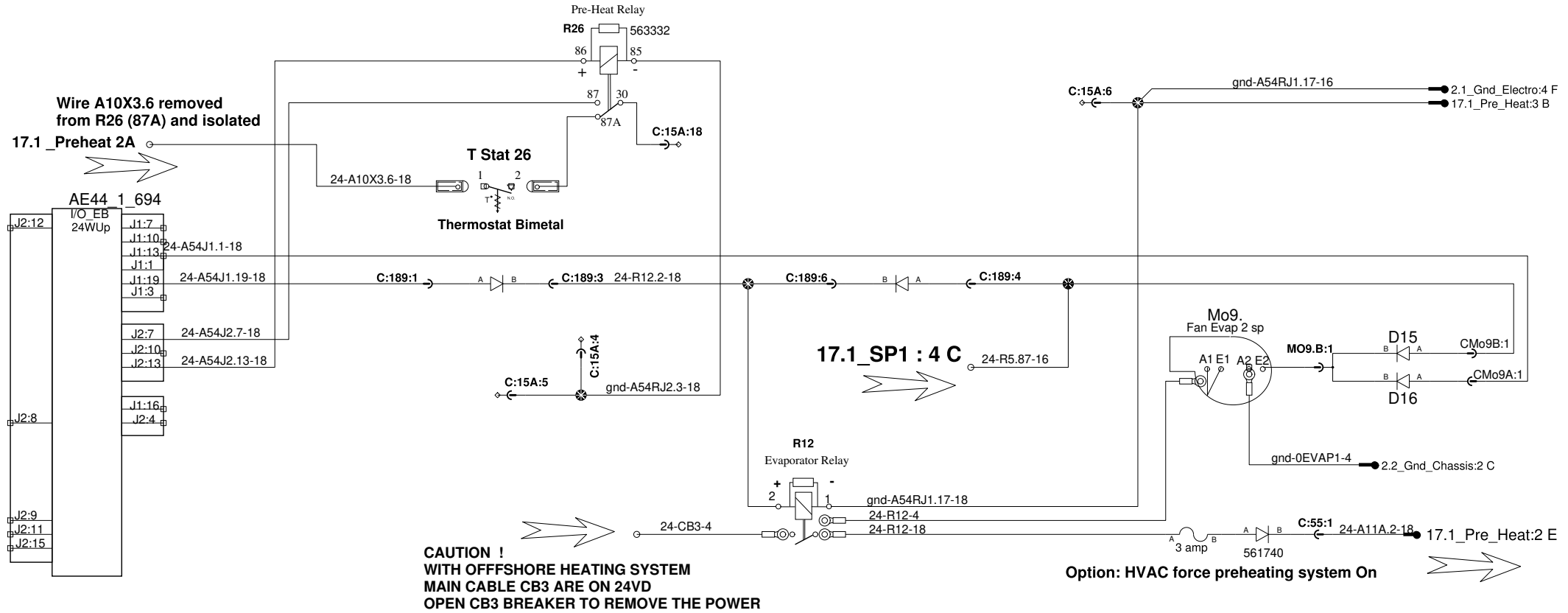
# Hvac passengers Customer Adaptation Offshore Heating Sys. 3 Speed Motor

REFER TO P18.2(STD) FOR ALL DETAILS

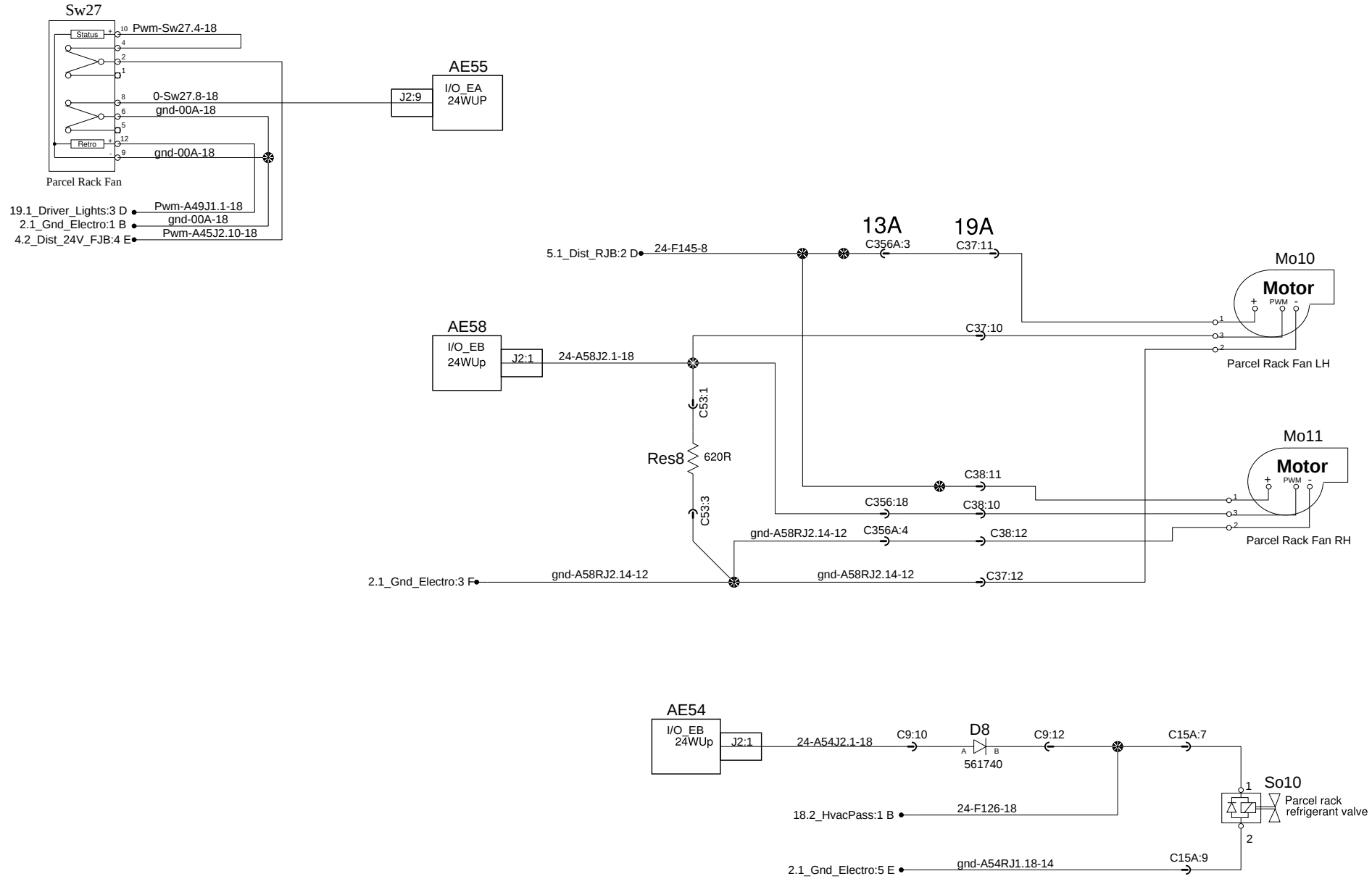


# Hvac passengers Customer Adaptation Offshore Heating Sys. 2 Speed Motor

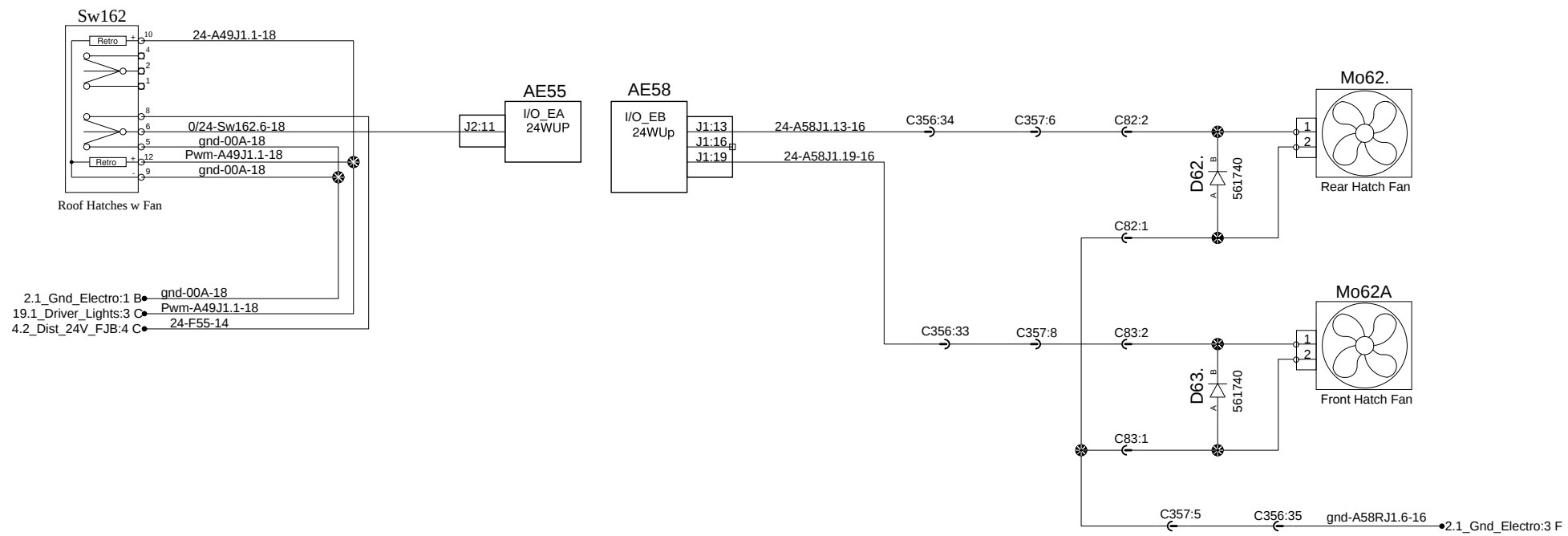
REFER TO P18.2(STD) FOR ALL DETAILS



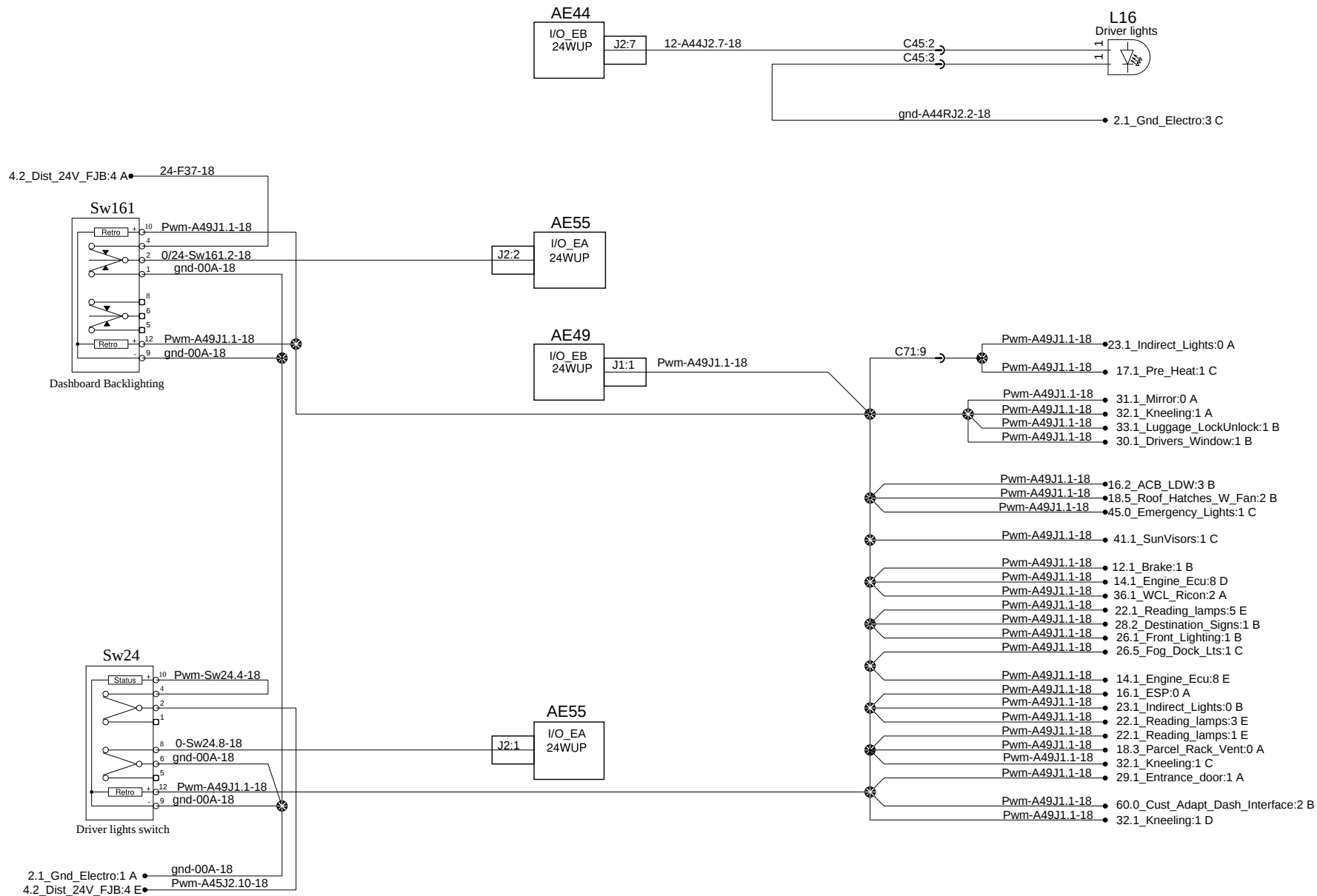
# Parcel rack A/C system

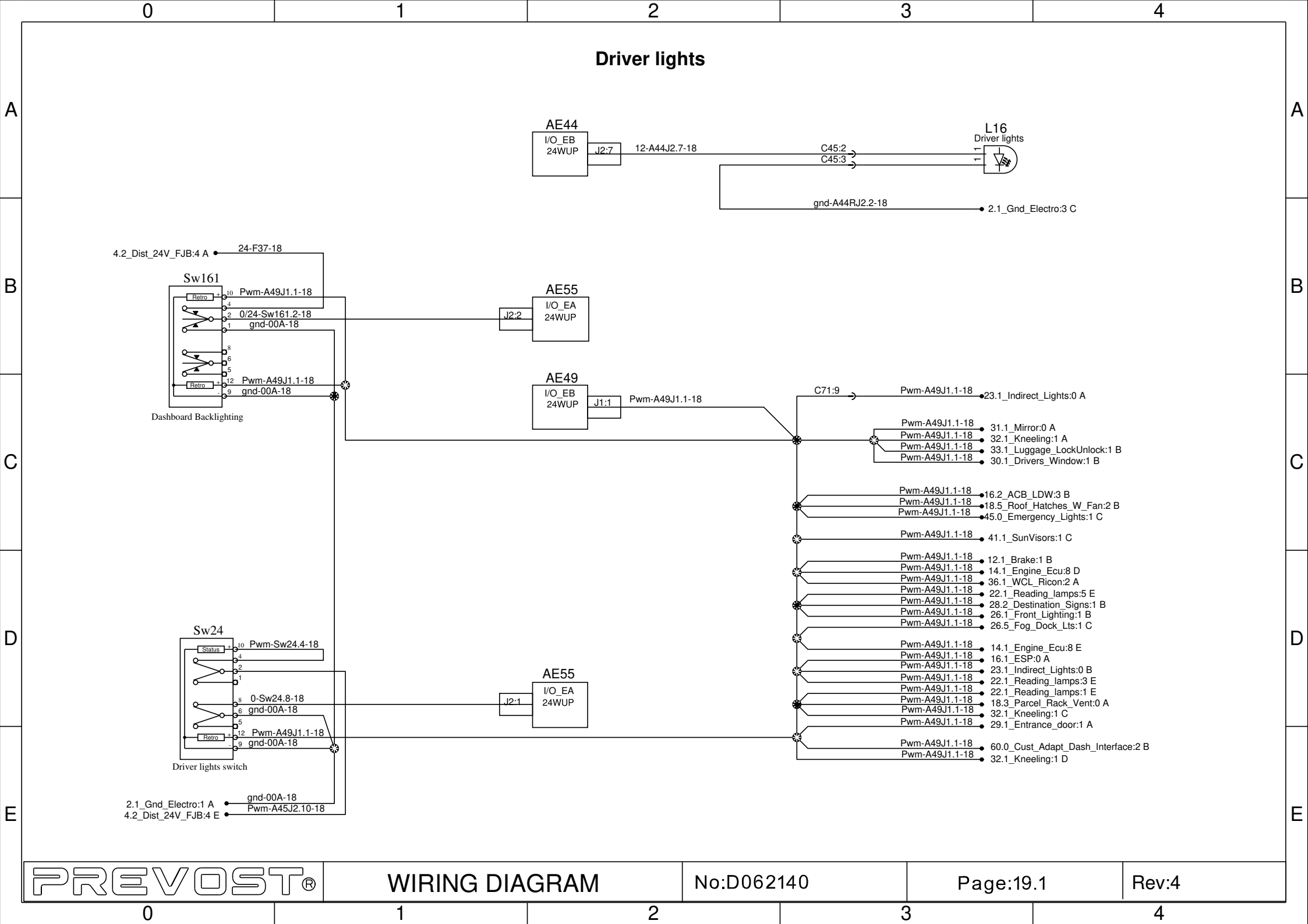


# Roof Hatches with fan

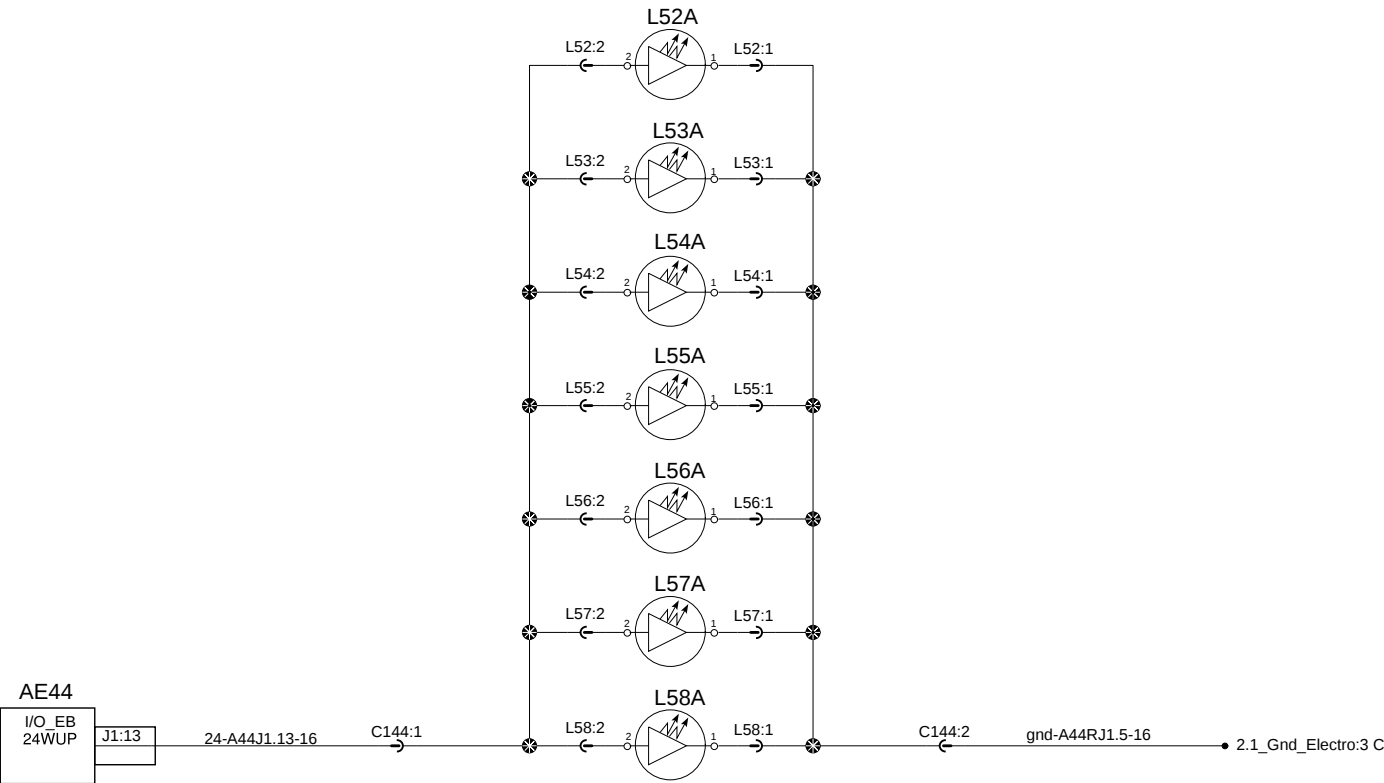


# Driver lights





Aisle lights



A

Aisle lights Faic seats

B

On LH side only,  
use 0610070 to  
power the lamp  
that has no wire.

C

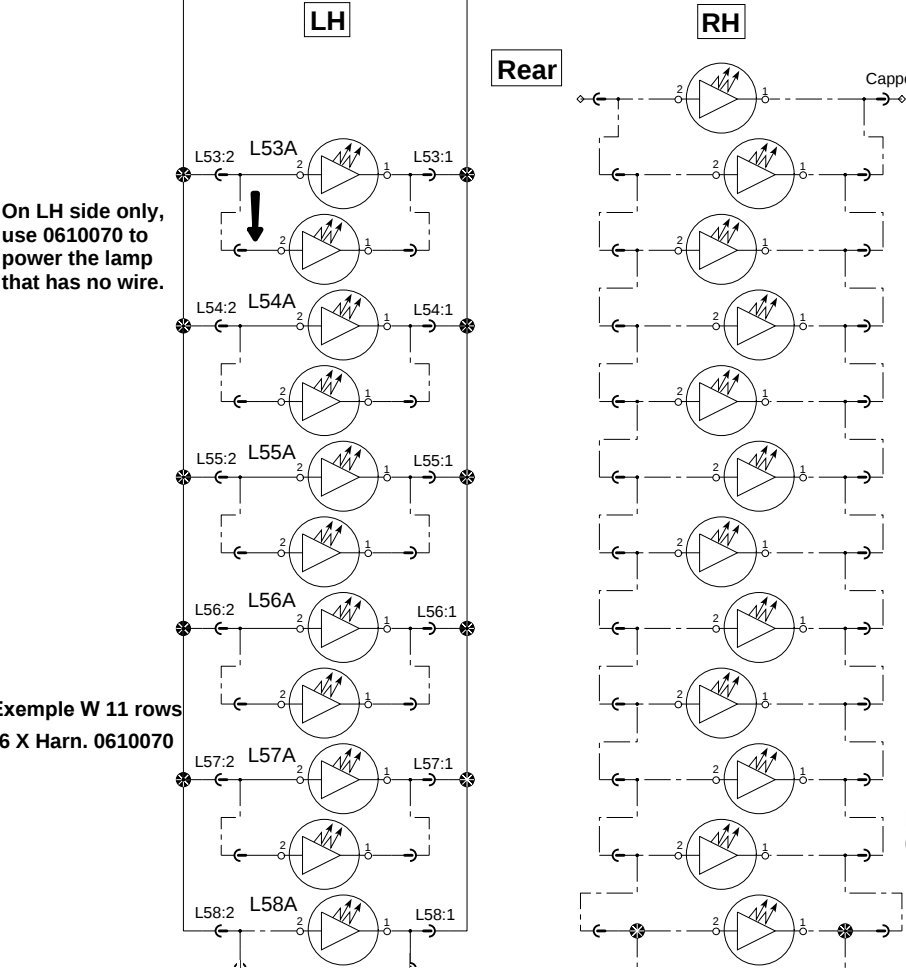
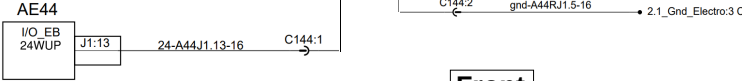
Exemple W 11 rows  
6 X Harn. 0610070

D

Exemple with 12 X Harn.  
0610070

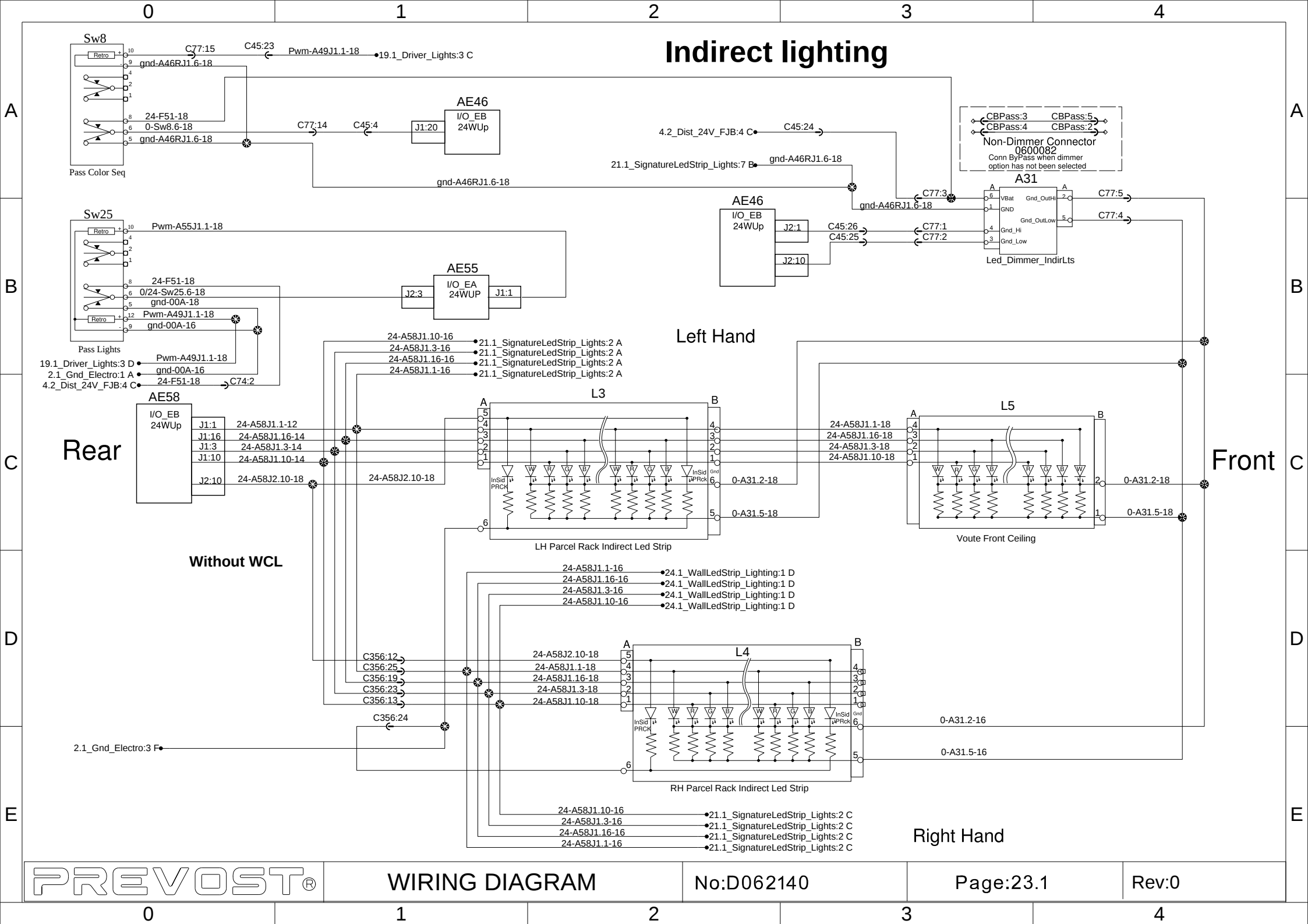
E

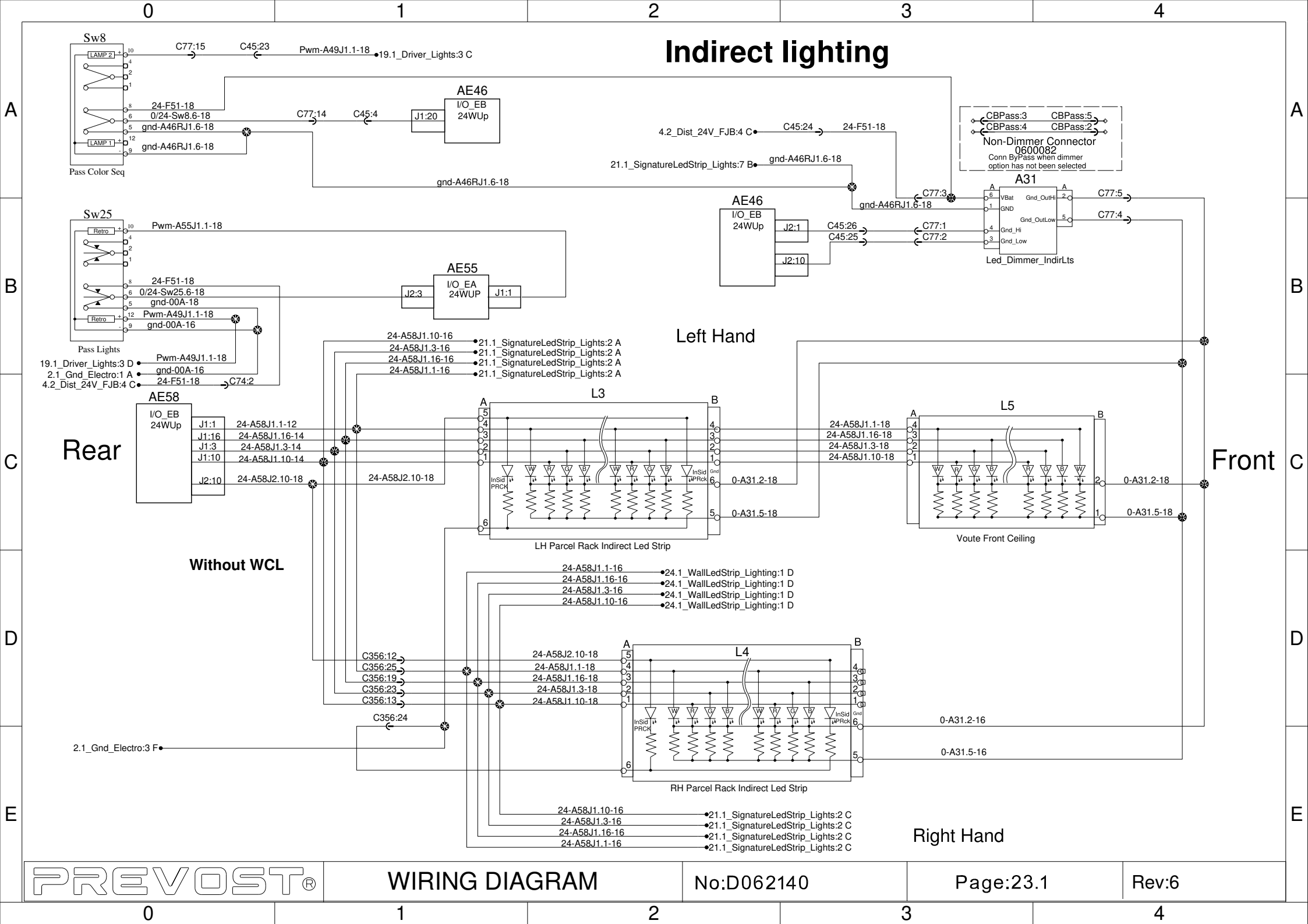
Front  
Aisle lights



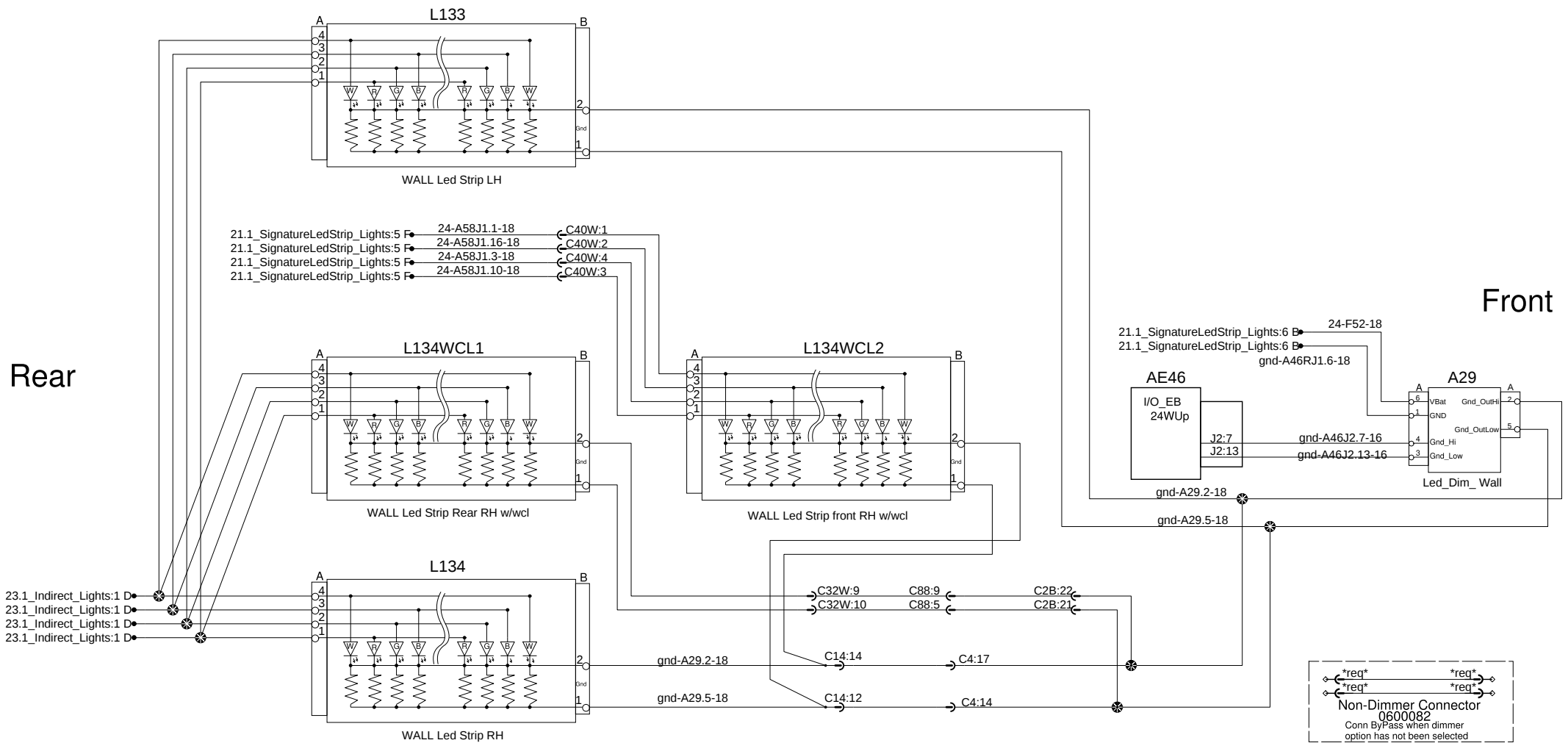






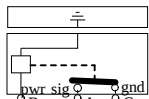


# Wall Led Strips



Proximity sensor N.C.  
Condensor door switch

Se41



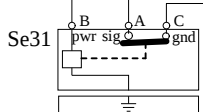
5.1\_Dist\_RJB:2 B

Se30



Engine door Sw.  
Proximity sensor N.C.

Compressor door Sw.  
Proximity sensor N.C.



## Engine and RJB compartments lighting

AE54



AE53



L306

RJB Cmpst Light

5.1\_Dist\_RJB:3 D  
24-F138-18

L175

Engine Cmpst Light DPF

L174A

Engine cmpst light LH

L298A

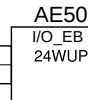
Engine Cmpst Light RH

L173

Engine Cmpst Light

Sw39

RJB cmpst. switch



## Luggages compartment lighting

AE44



L184

Front service comp.

24-A44J1.19-18

0-Sw44-18

AE41

I/O\_EA 24WUP

J2:11  
J2:4  
J2:6  
J2:7  
J2:8  
J2:9  
J2:10  
J2:12  
J2:13

0-Sw45-18 C2B:12  
0-L177-18 C2B:11  
0-Sw47-18 C2B:8  
0-Sw48-18 C2B:7  
0-Sw49-18 C2B:9  
0-Sw50-18 C2B:10  
0-Sw51-18 C2:7  
0-Sw52-18 C2:20

LH

L178

0-Sw47-18

L180

0-Sw49-18

L182

0-Sw51-18

Sw45

5th Lugg cmpst. Switch

Sw46

5th Lugg cmpst. Switch

Sw47

3rd cmpst. Switch

0-Sw47-18

Sw48

3rd cmpst. Switch

0-Sw48-18

Sw49

2nd cmpst. Switch

0-Sw49-18

Sw50

2nd cmpst. Switch

0-Sw50-18

Sw51

First cmpst. Switch

0-Sw51-18

Sw52

First cmpst. Switch

0-Sw52-18

D18

561740

0-Sw46-18

L177

0-Sw46-18

L179

0-Sw48-18

L181

0-Sw50-18

L183

0-Sw52-18

RH

# Cornering, Front flashers, Markers, Clearance and Head lights

A

B

C

D

E

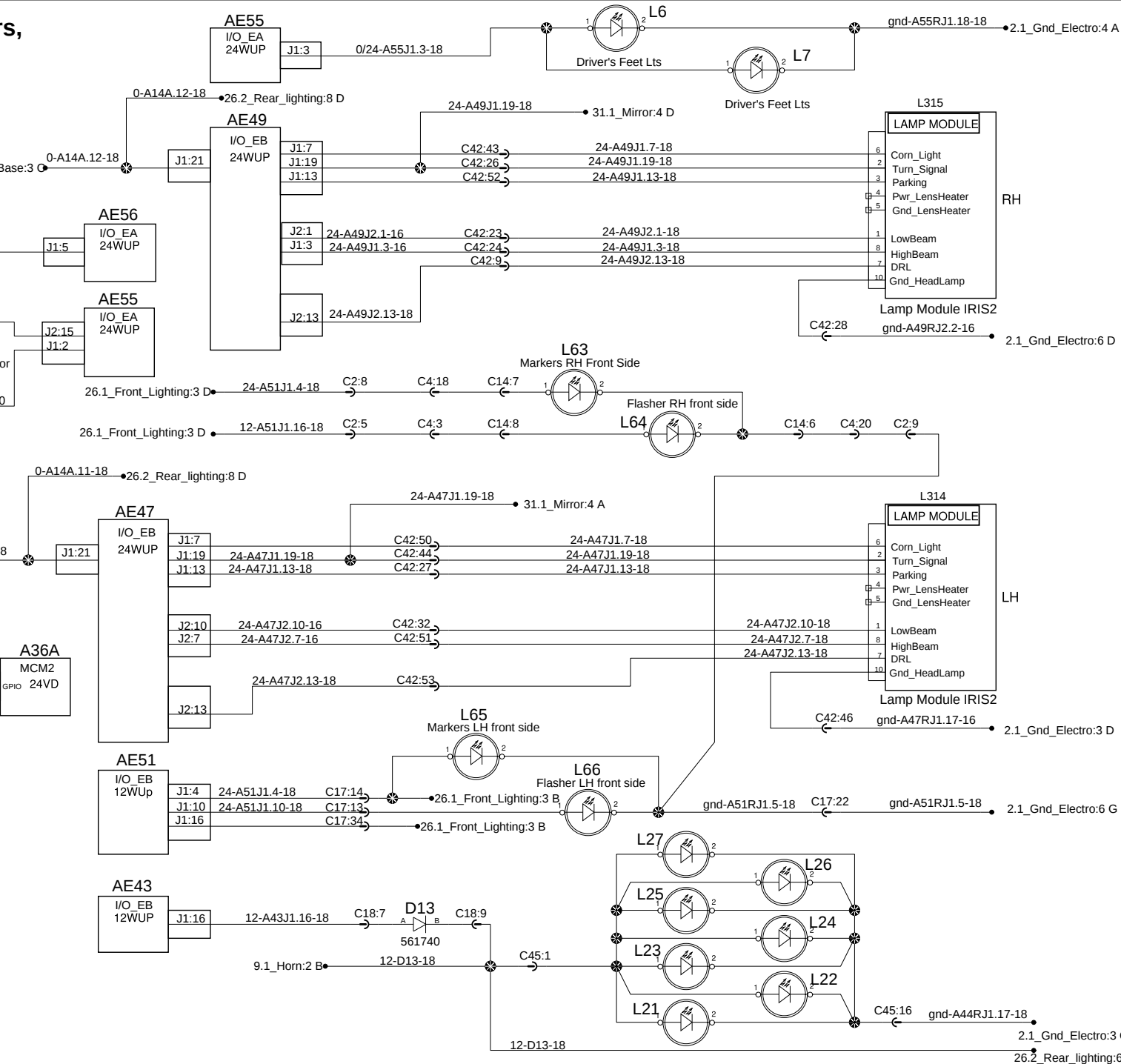
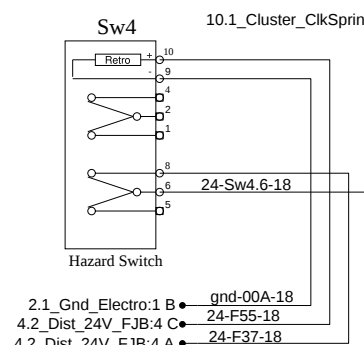
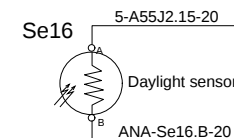
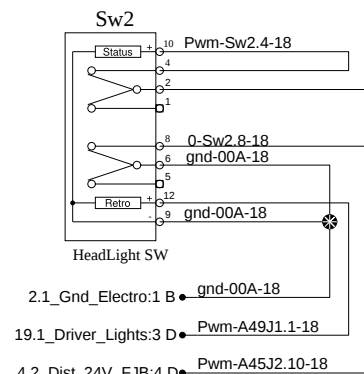
A

B

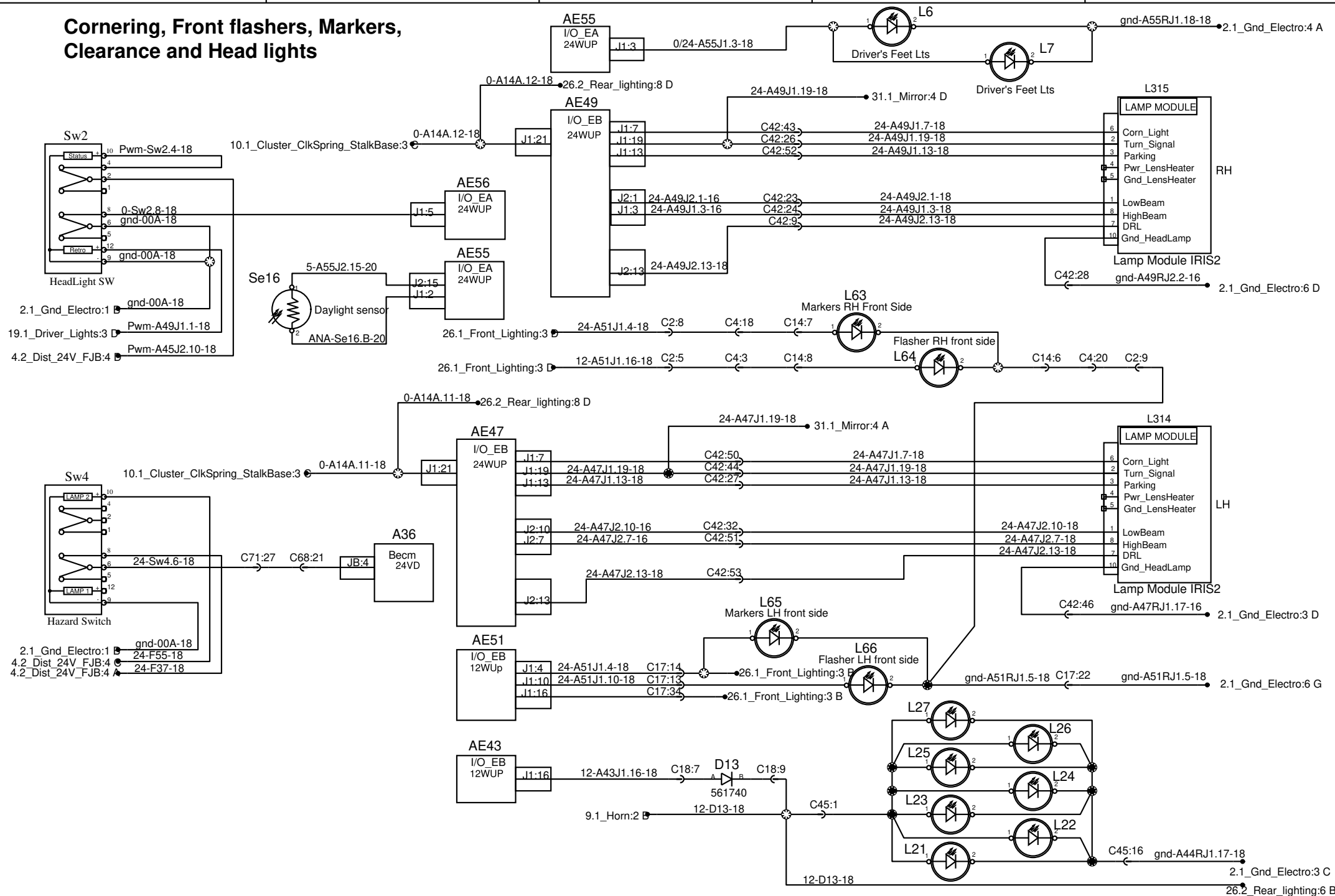
C

D

E



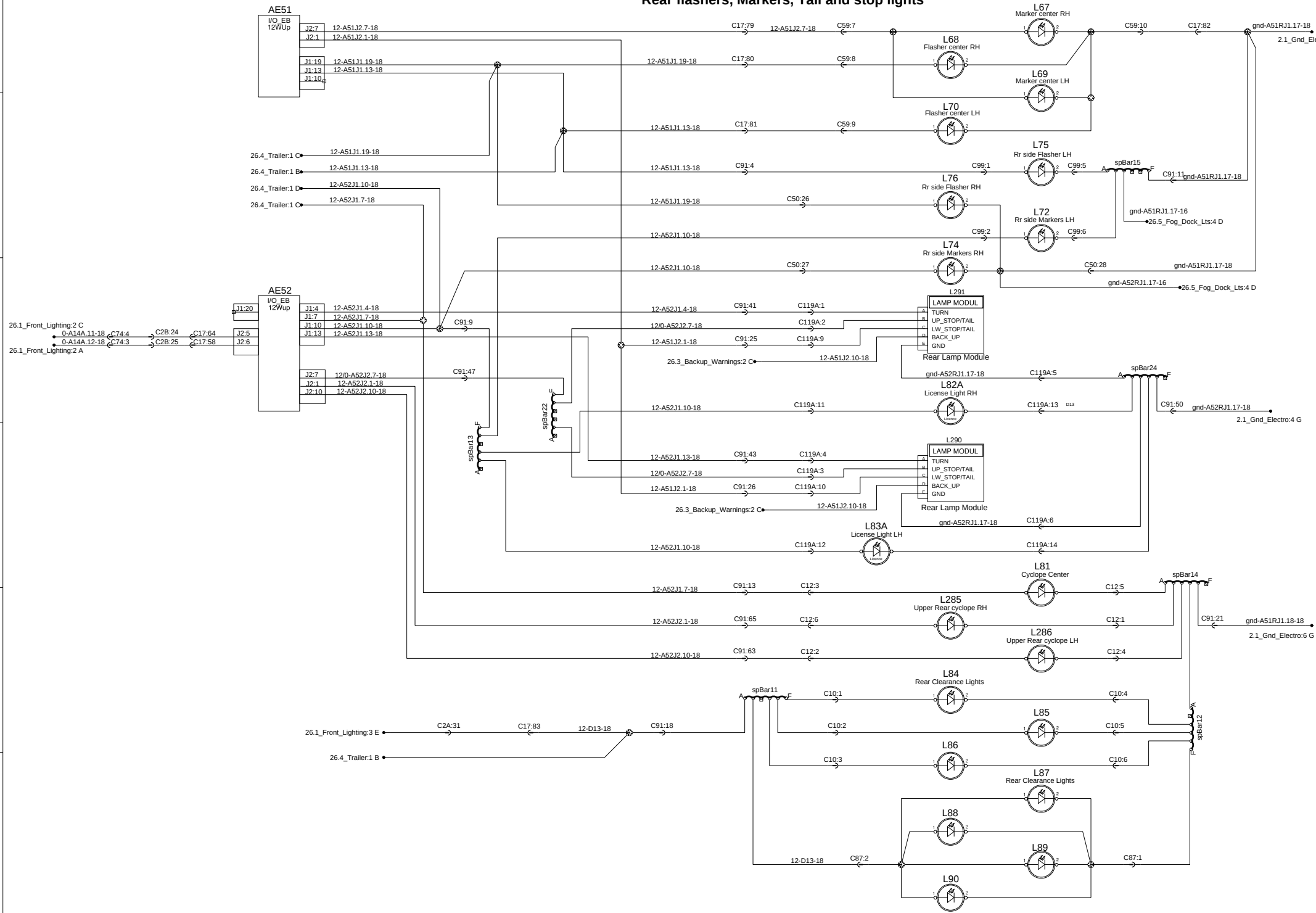
# Cornering, Front flashers, Markers, Clearance and Head lights



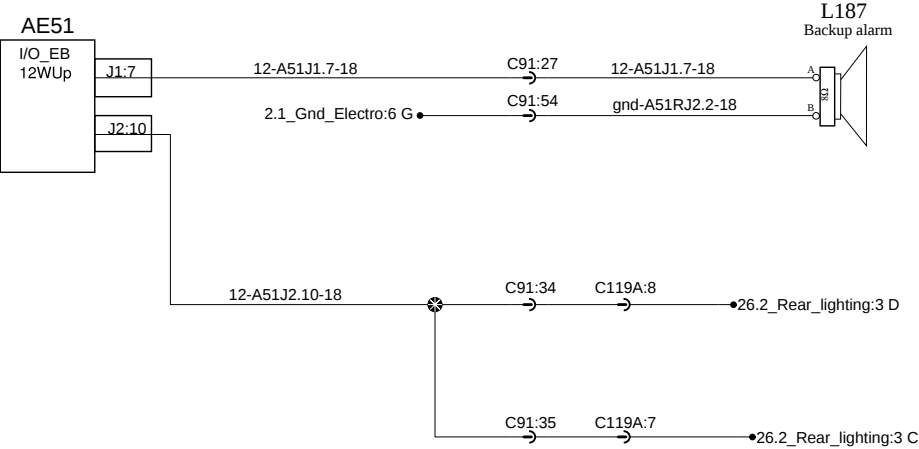
## E



# Rear flashers, Markers, Tail and stop lights

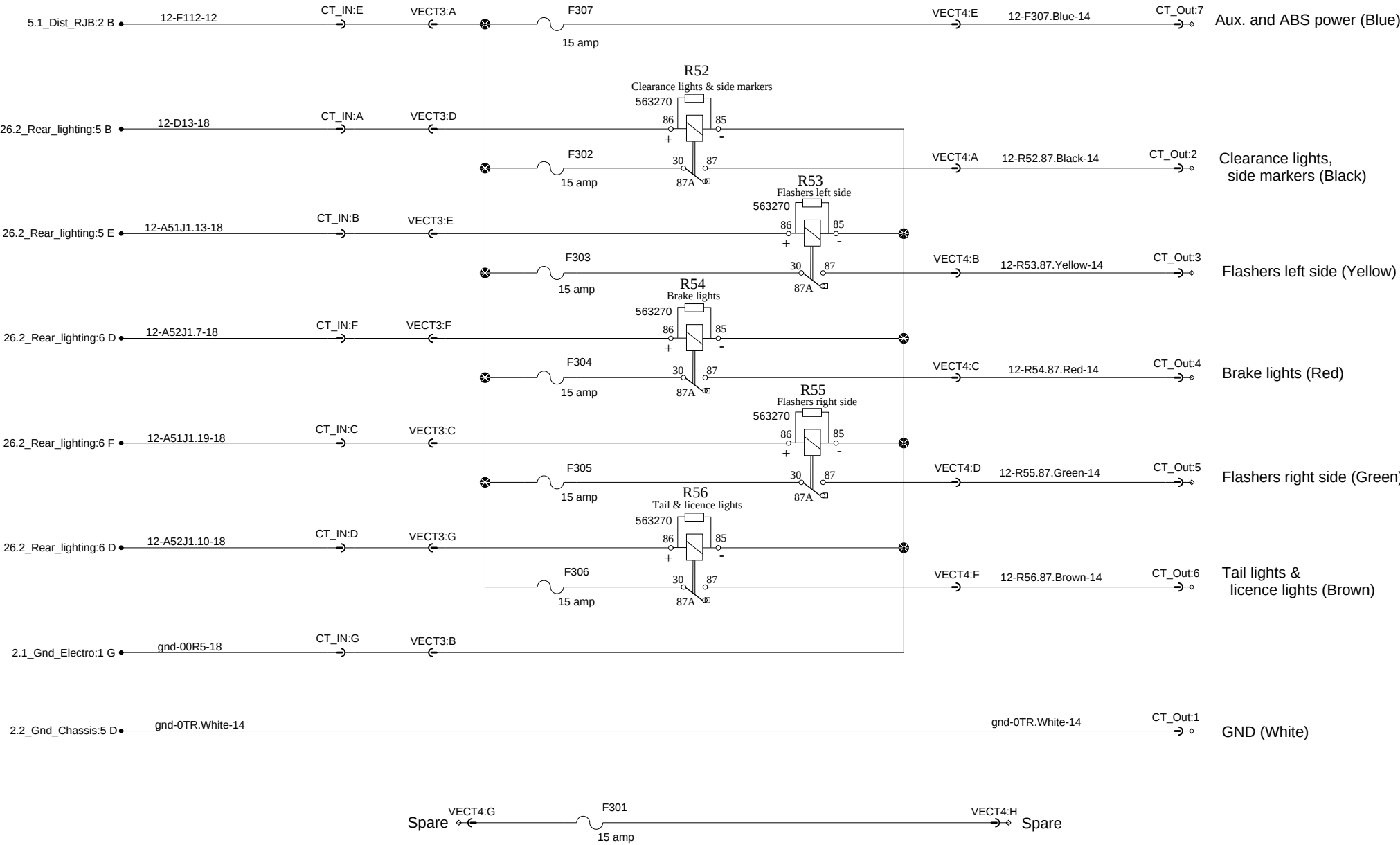


Backup warnings



Trailer interface

SAE J560 Standard  
Trailer socket



1

2

3

4

5

Trailer With Electrical Brake Interface

7-way RV style  
Trailer connections

A

A

B

B

C

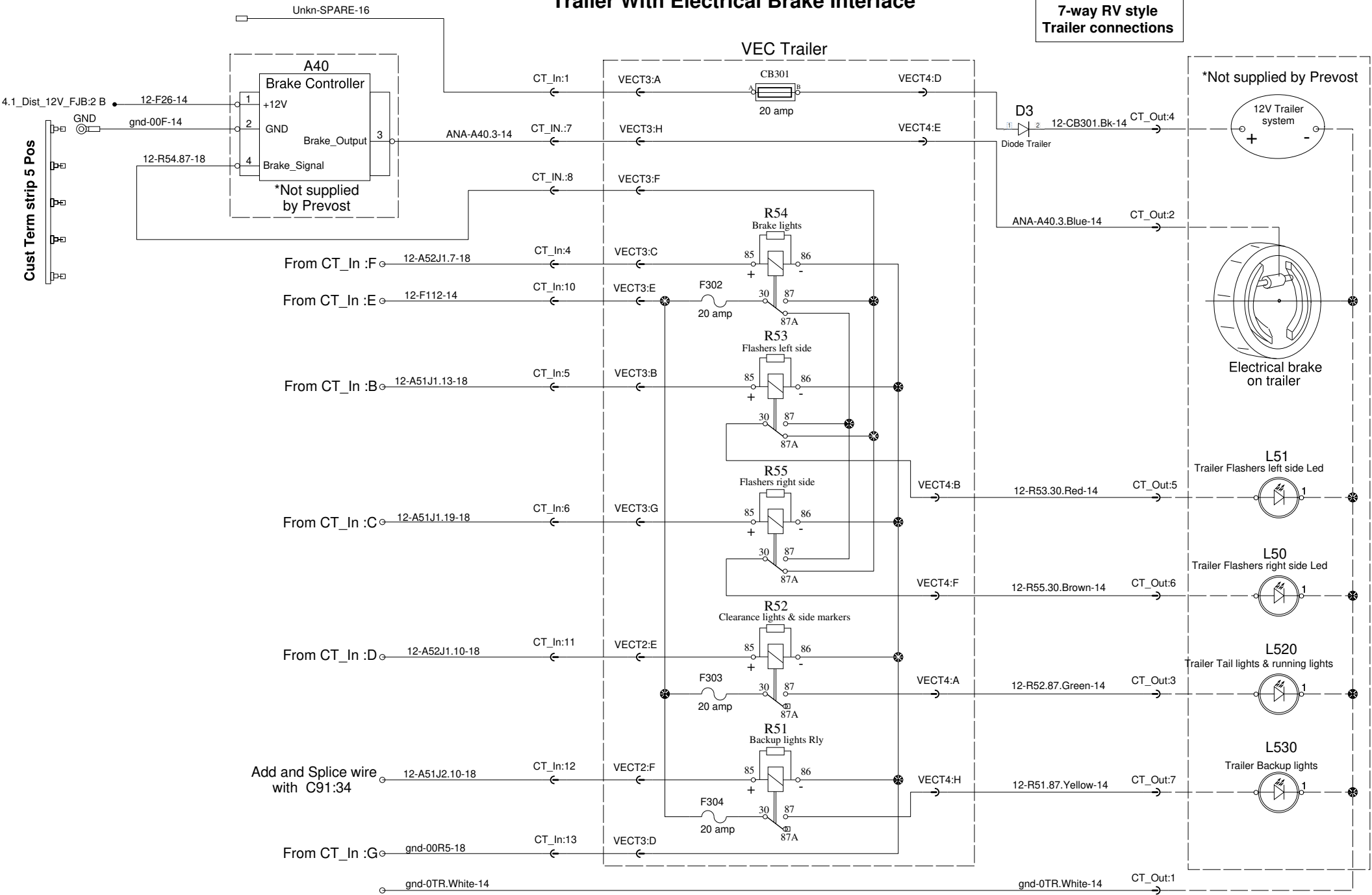
C

D

D

E

E



1

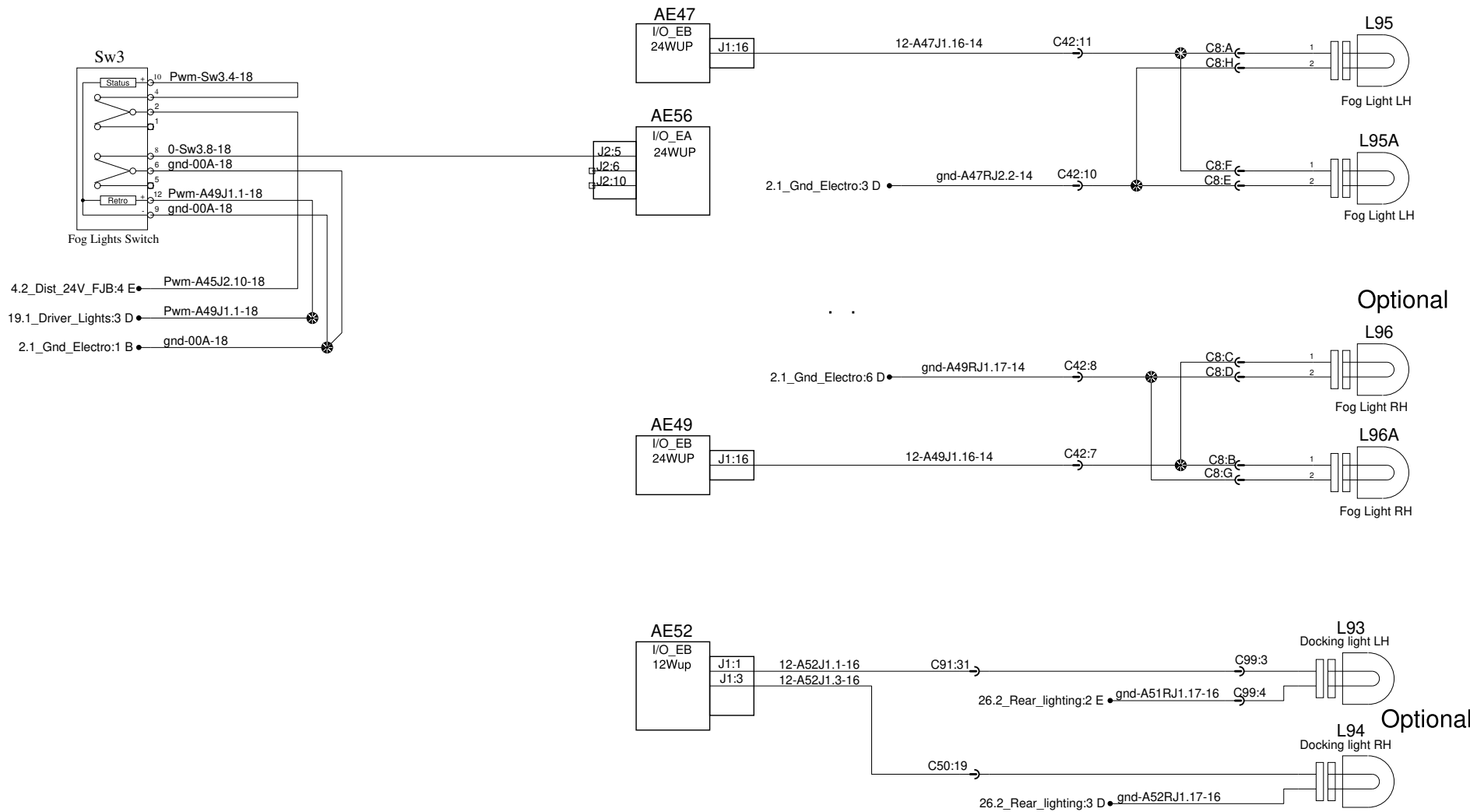
2

3

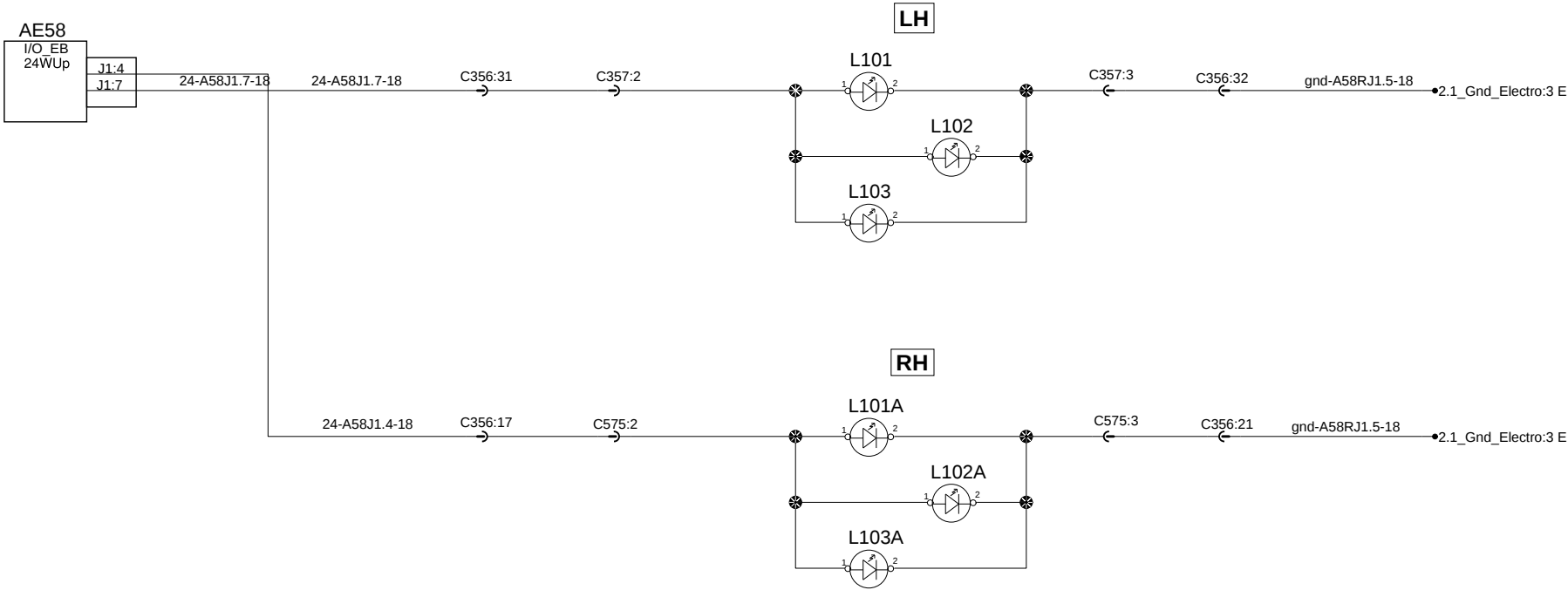
4

5

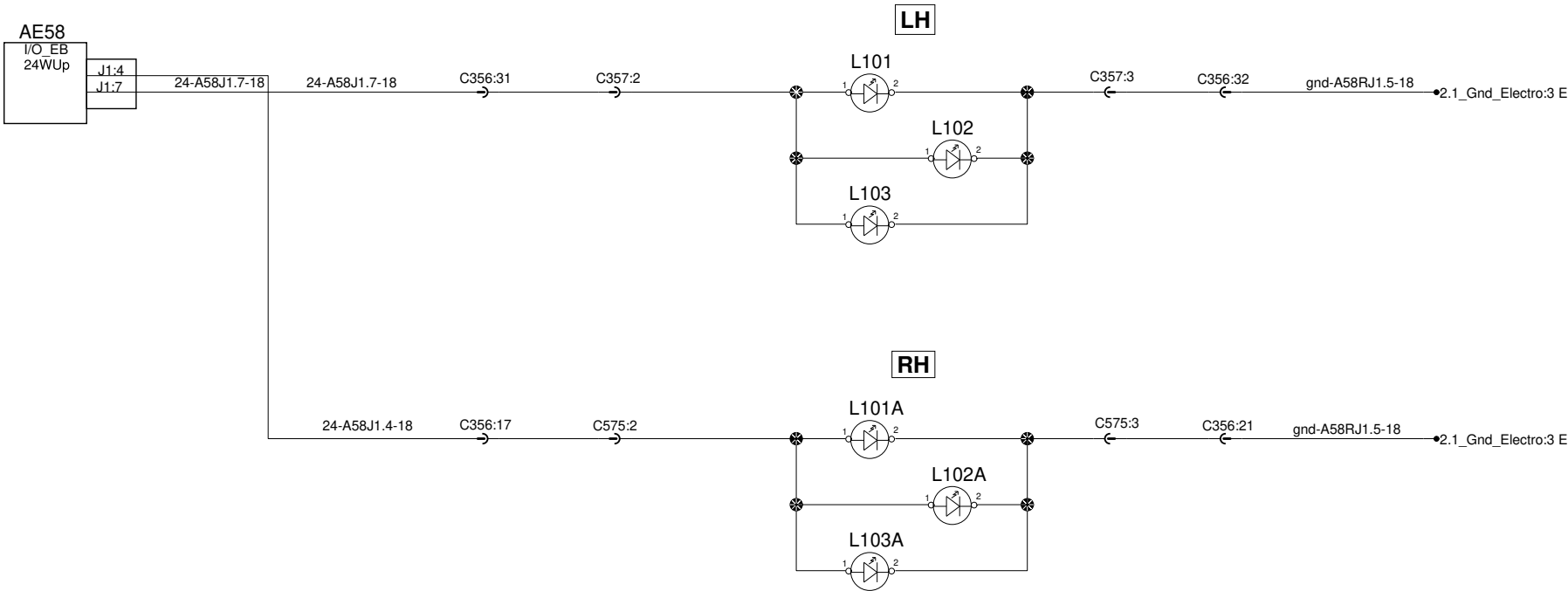
Docking and Fog lights (Option)

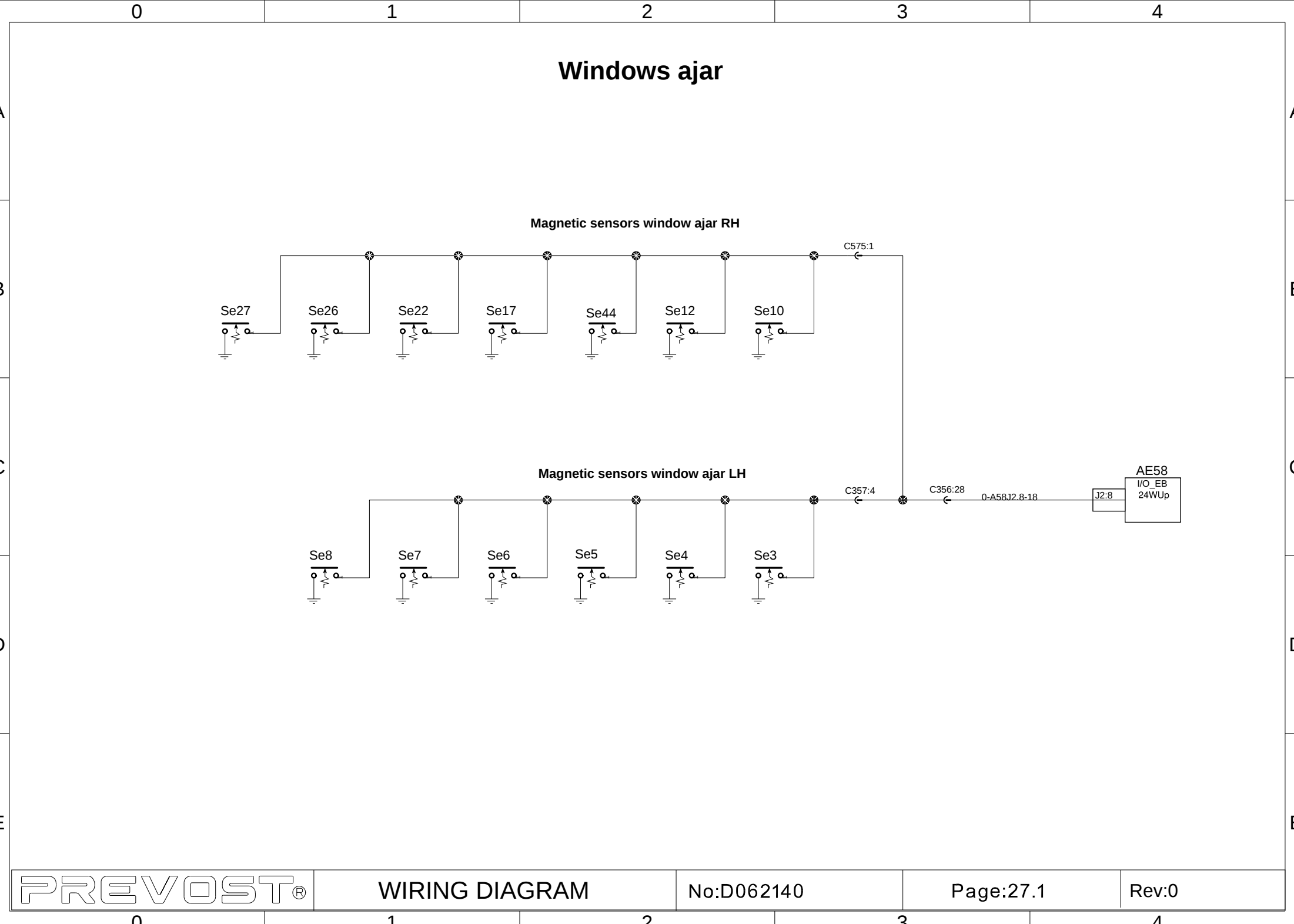


Curb lights on both side of the coach



Perimeter lights on both side of the coach





0

1

2

3

4

A

B

C

D

E

Digital clock & Back-up Camera

12 or 24 hours digital clock

4.2\_Dist\_24V\_FJB:4 C

24-F53-18

C45:6

24-F53-18

24-F53-18

1

Seat\_Belt\_Sign

4.2\_Dist\_24V\_FJB:4 A

24-F37-18

C45:15

24-F37-18

24-F37-18

4

Wup

2.1\_Gnd\_Electro:1 E

gnd-00F-18

C45:8

gnd-00F-18

gnd-00F-18

5

Night/Day

24-F53-18

24-F53-18

24-F53-18

7

24VD

gnd-00F-18

gnd-00F-18

gnd-00F-18

8

Gnd

A20

0000

0000

Digital Clock

Back-up camera

AE45

I/O\_EB

24WUP

J1:7

C72:15

C452:11

35.6\_VSS\_HDMI:4 C

gnd-0SS2-18

C129:1

24-A45J1.7-18

C129:2

35.6\_VSS\_HDMI:4 C

12-R12V1SS-18

C129:3

C129:4

24-A45J1.7-18

44.0\_Surr\_Cameras\_System:4 E

35.6\_VSS\_HDMI:4 A

35.6\_VSS\_HDMI:4 A

R300

563332

86

85

87

30

87A

5 amp

F300

Video (Yellow)

Gnd (Shield)

12V Switched (Red)

12V Constant (Black)

Audio (Green)

A30

Rear Camera

PREVOST®

WIRING DIAGRAM

No:D062140

Page:28.1

Rev:0

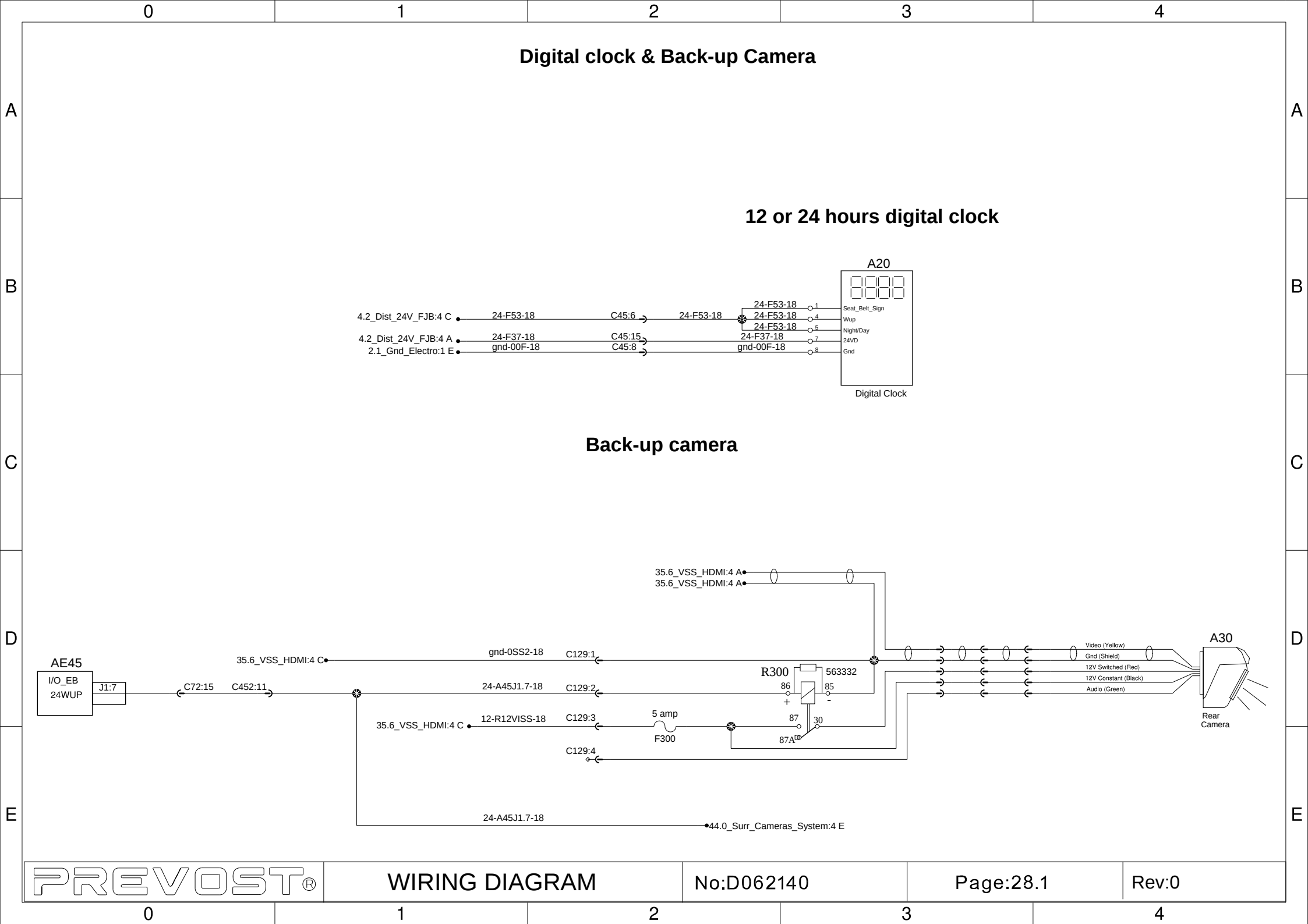
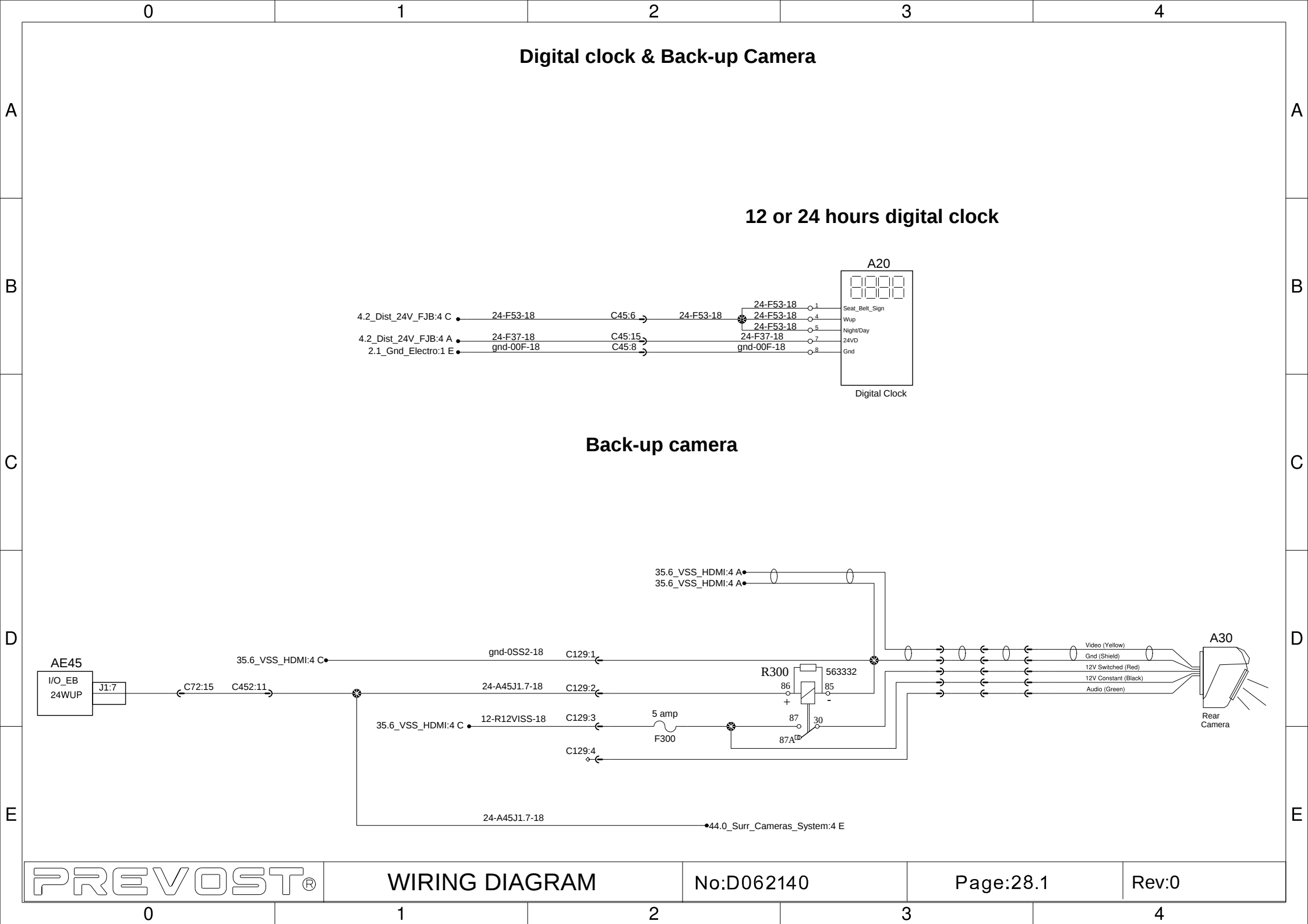
0

1

2

3

4

[illegible][illegible]

# Electronic destination signs

A

B

C

D

E

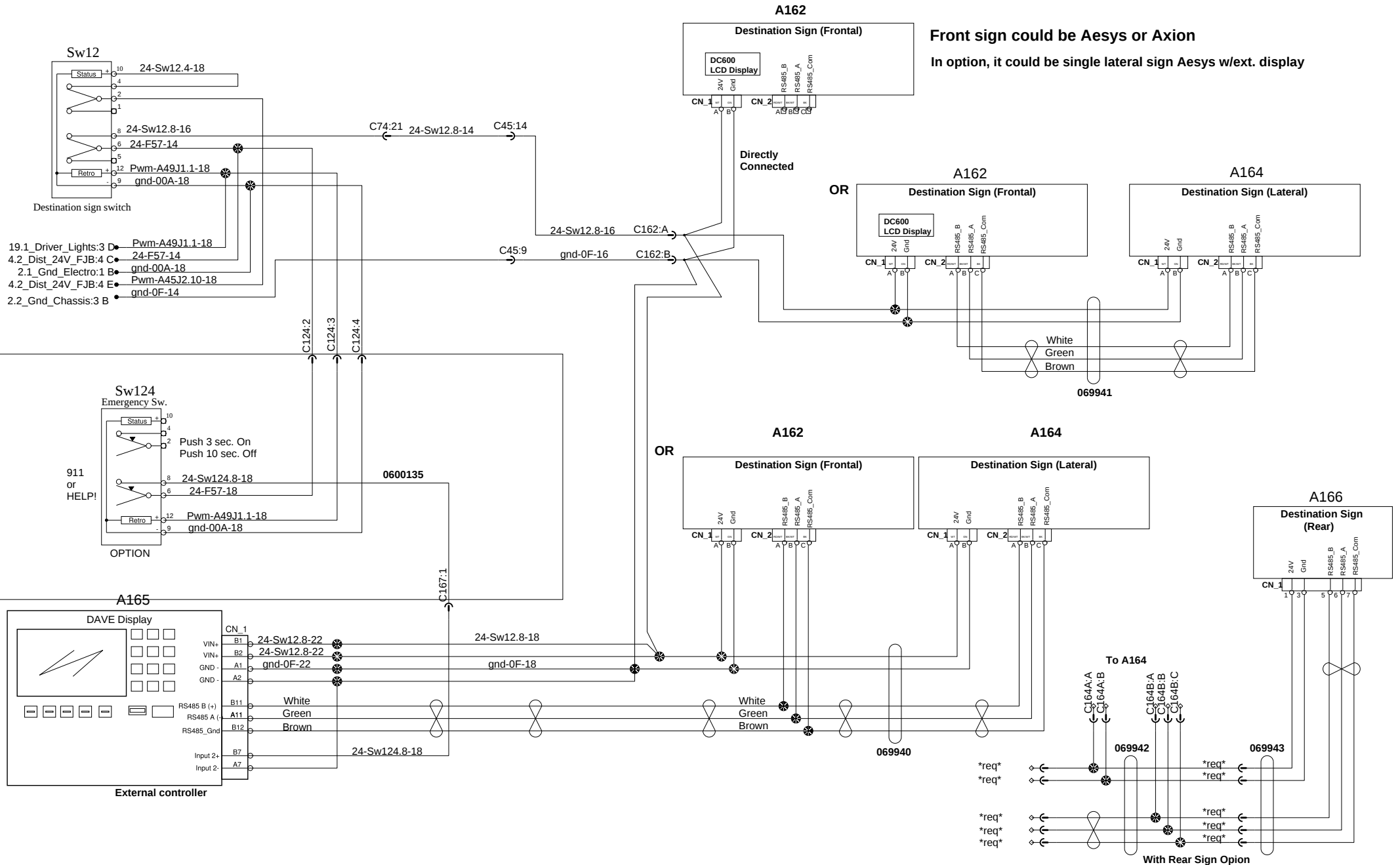
A

B

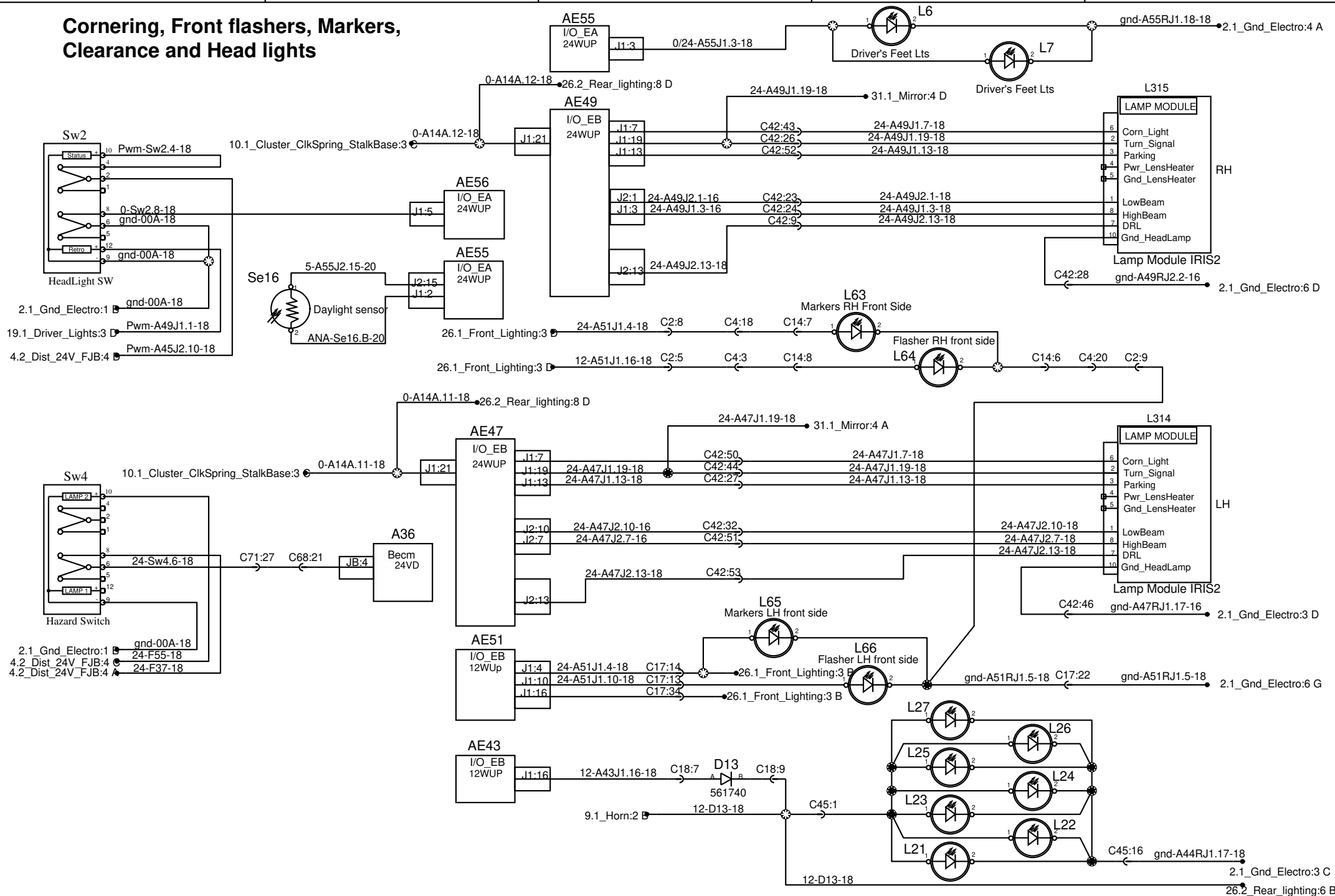
C

D

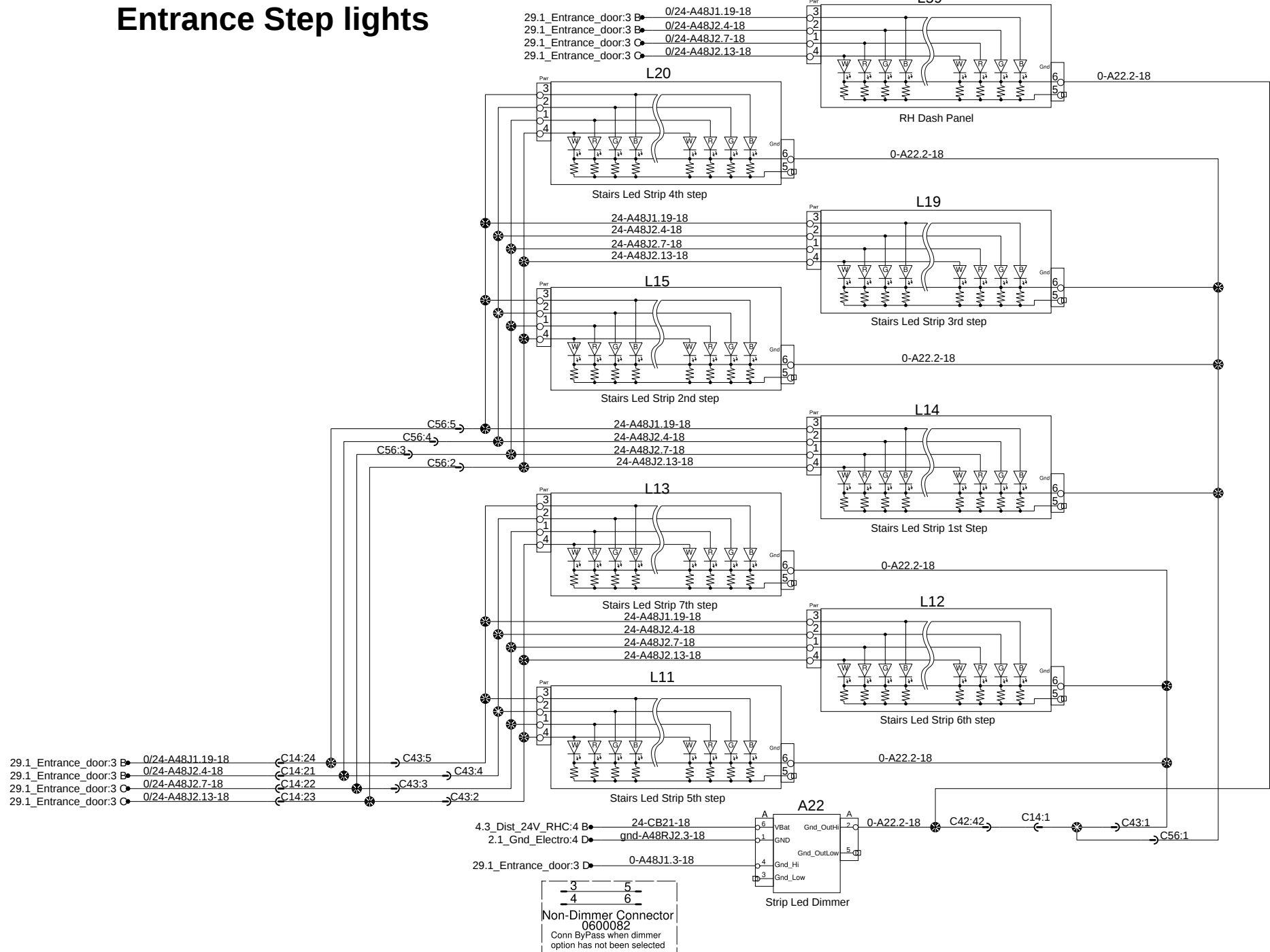
E



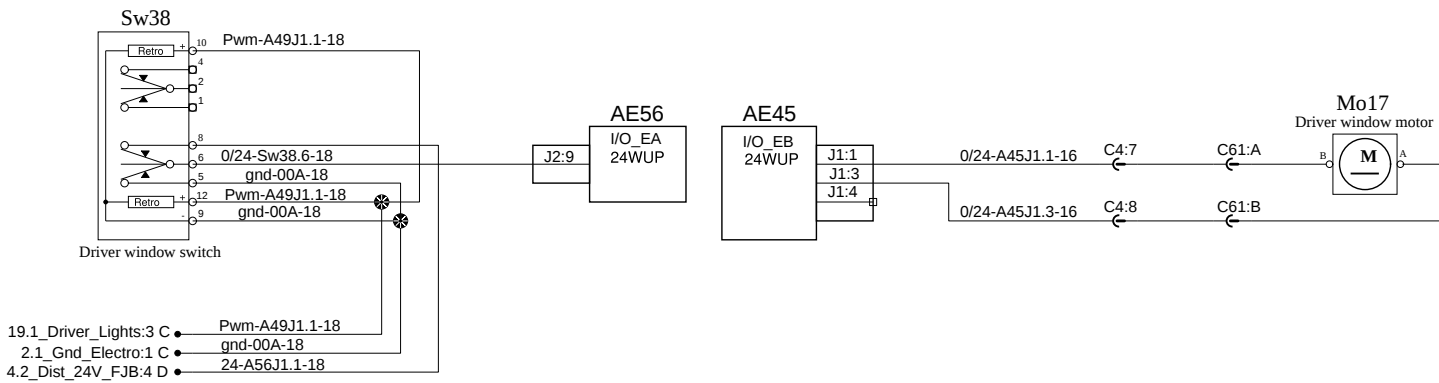
# Cornering, Front flashers, Markers, Clearance and Head lights



# Entrance Step lights

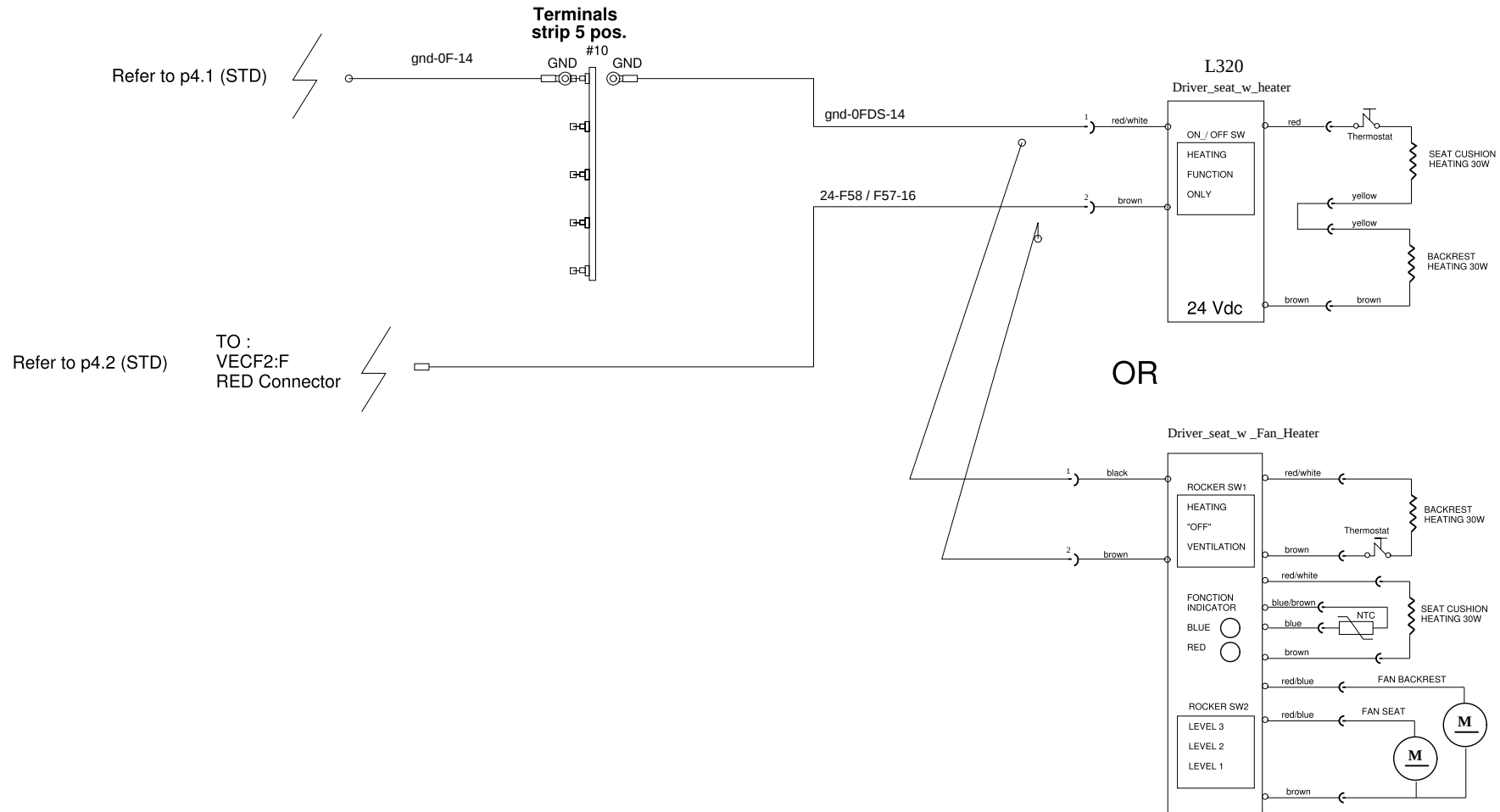


Driver Window

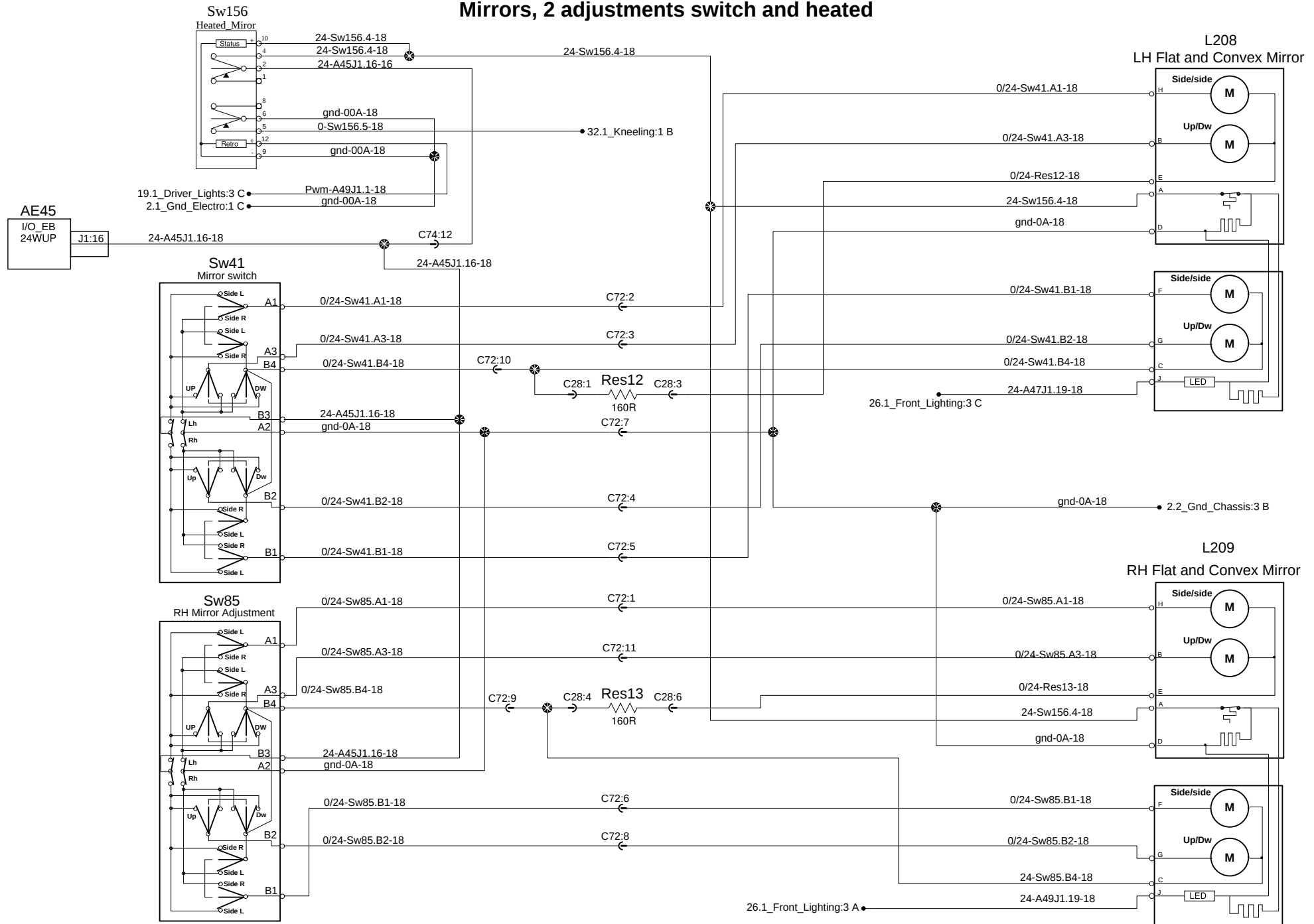


The schematic diagram illustrates the 12V power distribution system for the RH Modesty Panel. The power source is a 12V battery (12-F25-16) connected to a USB/Outlet (R38) and a 12V power outlet drawer (L193). The power is then distributed to three USB charging modules: L170 (USB Charger module), L171 (USB Charger Type C), and L172 (USB Charger module (Modesty panel)). The diagram also shows ground connections for various components, including 2.2\_Gnd\_Chassis:2 B, 2.2\_Gnd\_Chassis:3 B, and 35.6\_VSS\_HDMI:6 F.

# Driver seat with heating function



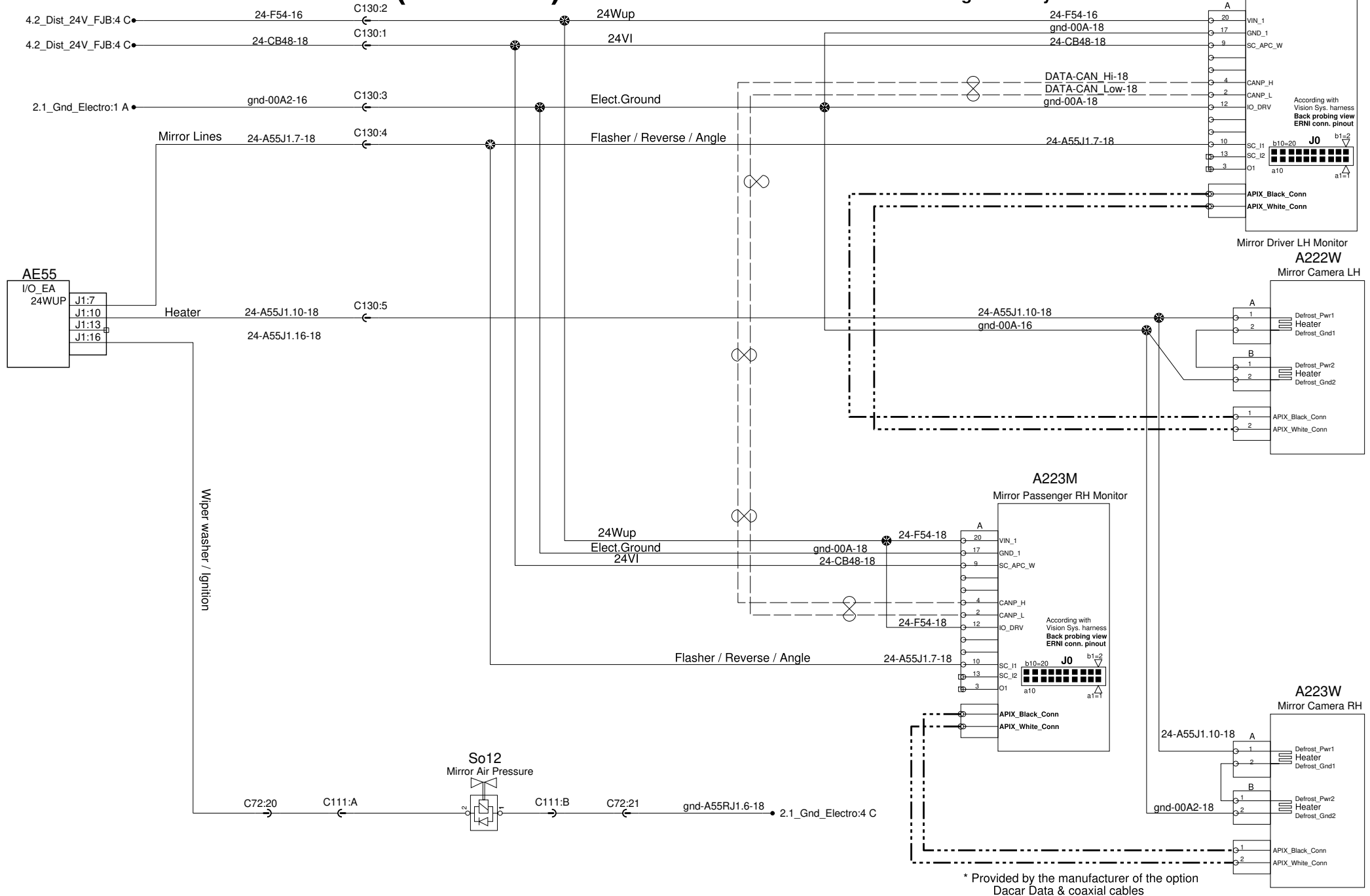
# Mirrors, 2 adjustments switch and heated





# Electronic Mirrors (eMirrors)

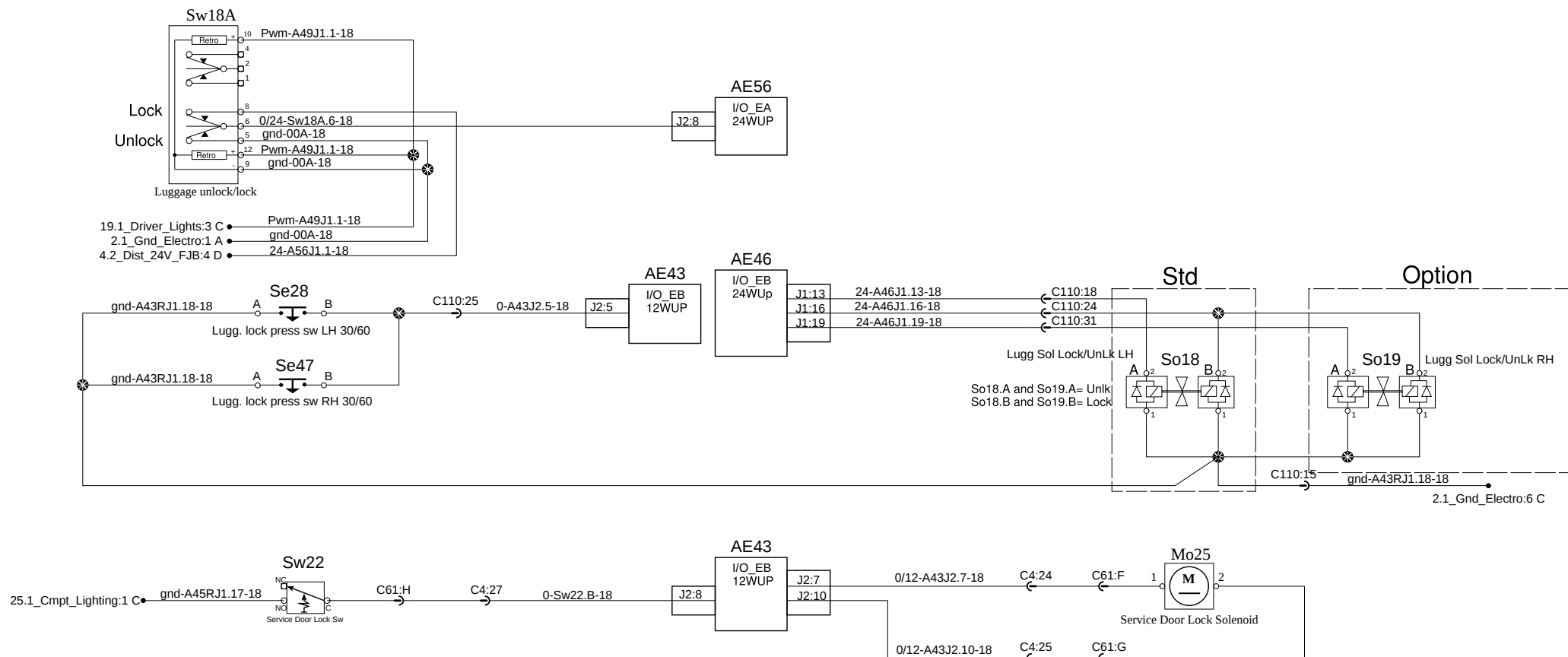
Info: Mirrors remains ON about 2 minutes  
after Ignition key turn OFF



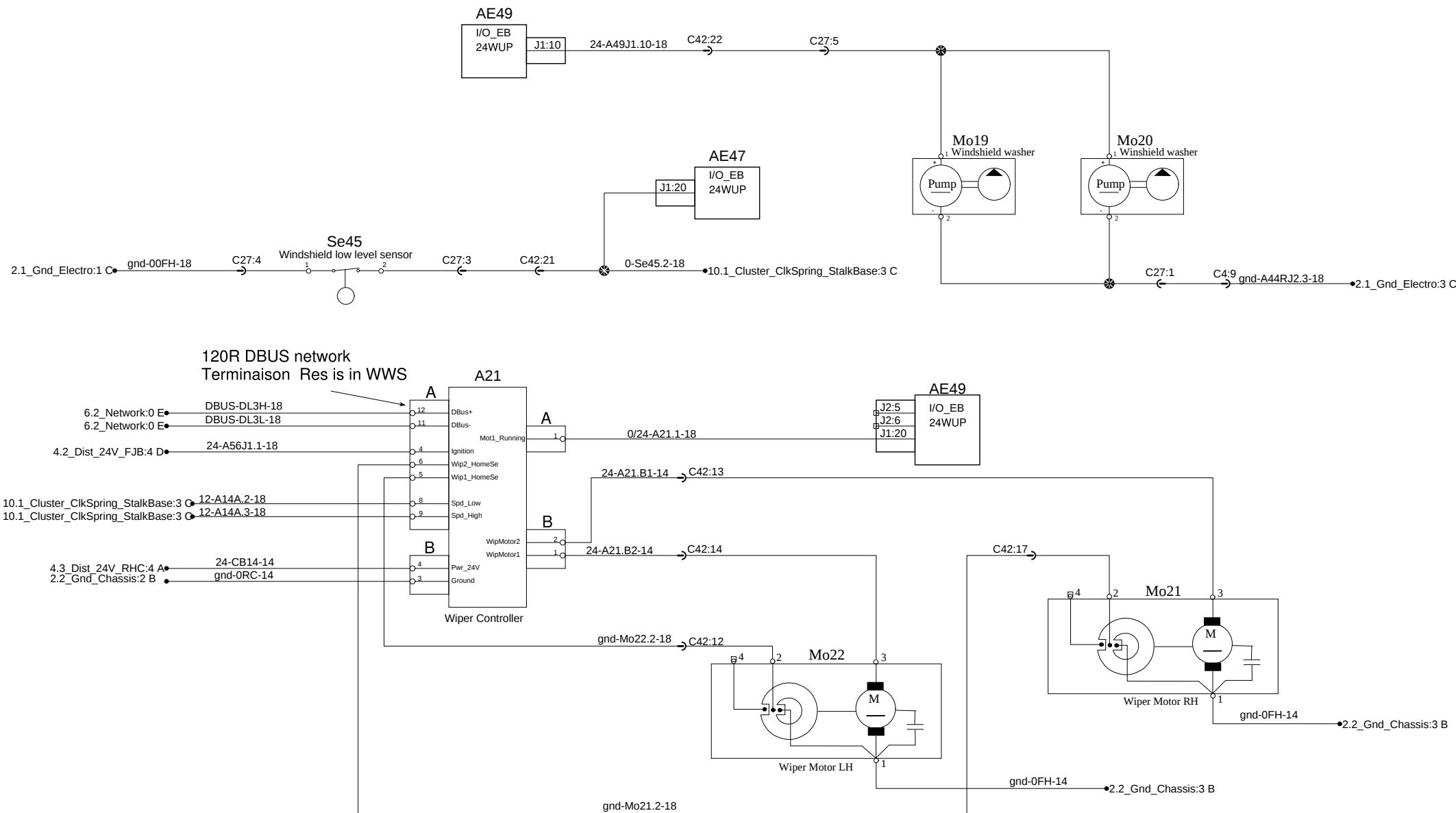
\* Provided by the manufacturer of the option  
Dacar Data & coaxial cables



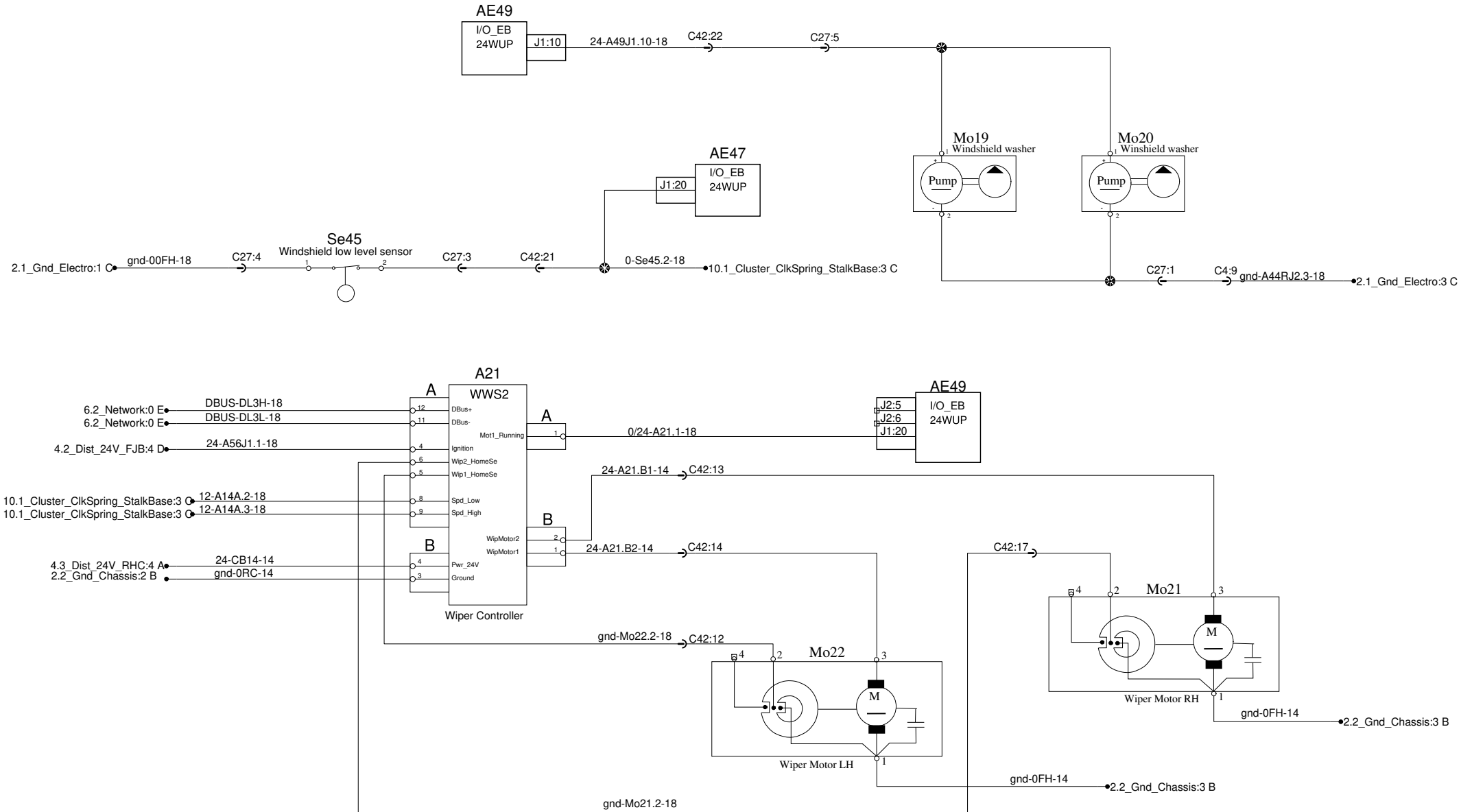
# Luggage door Lock/Unlock



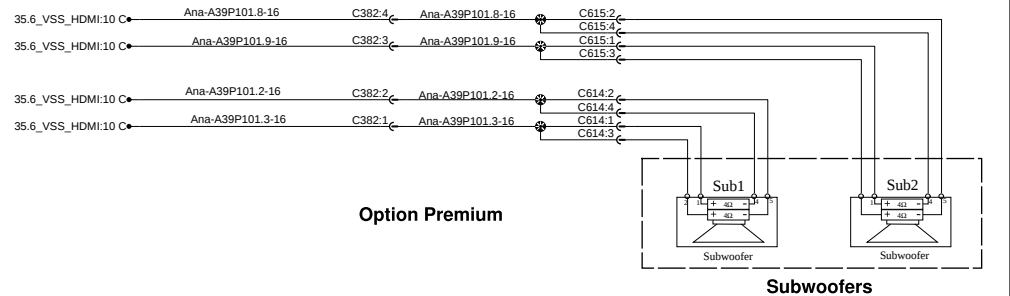
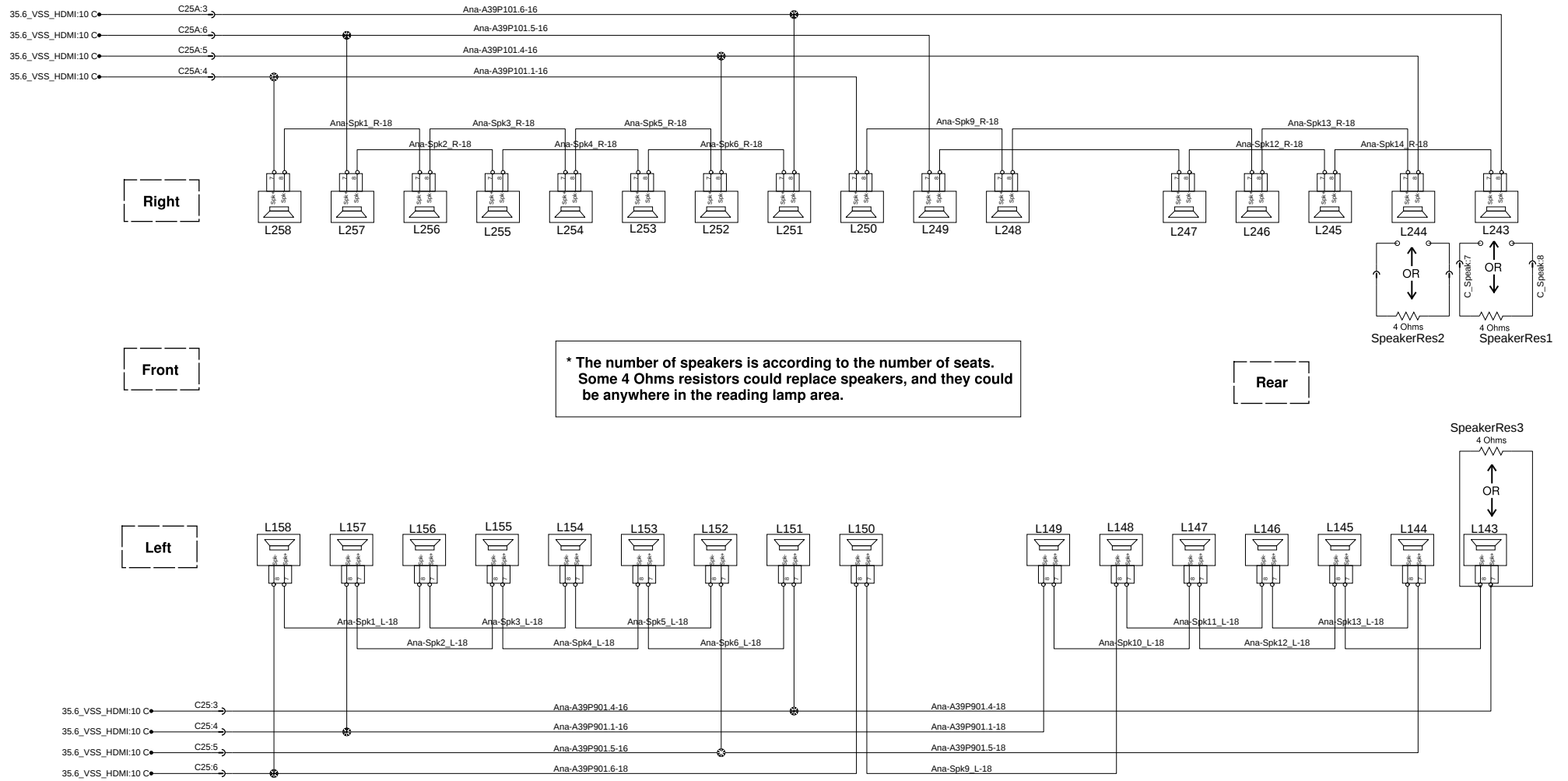
# Wipers and washer



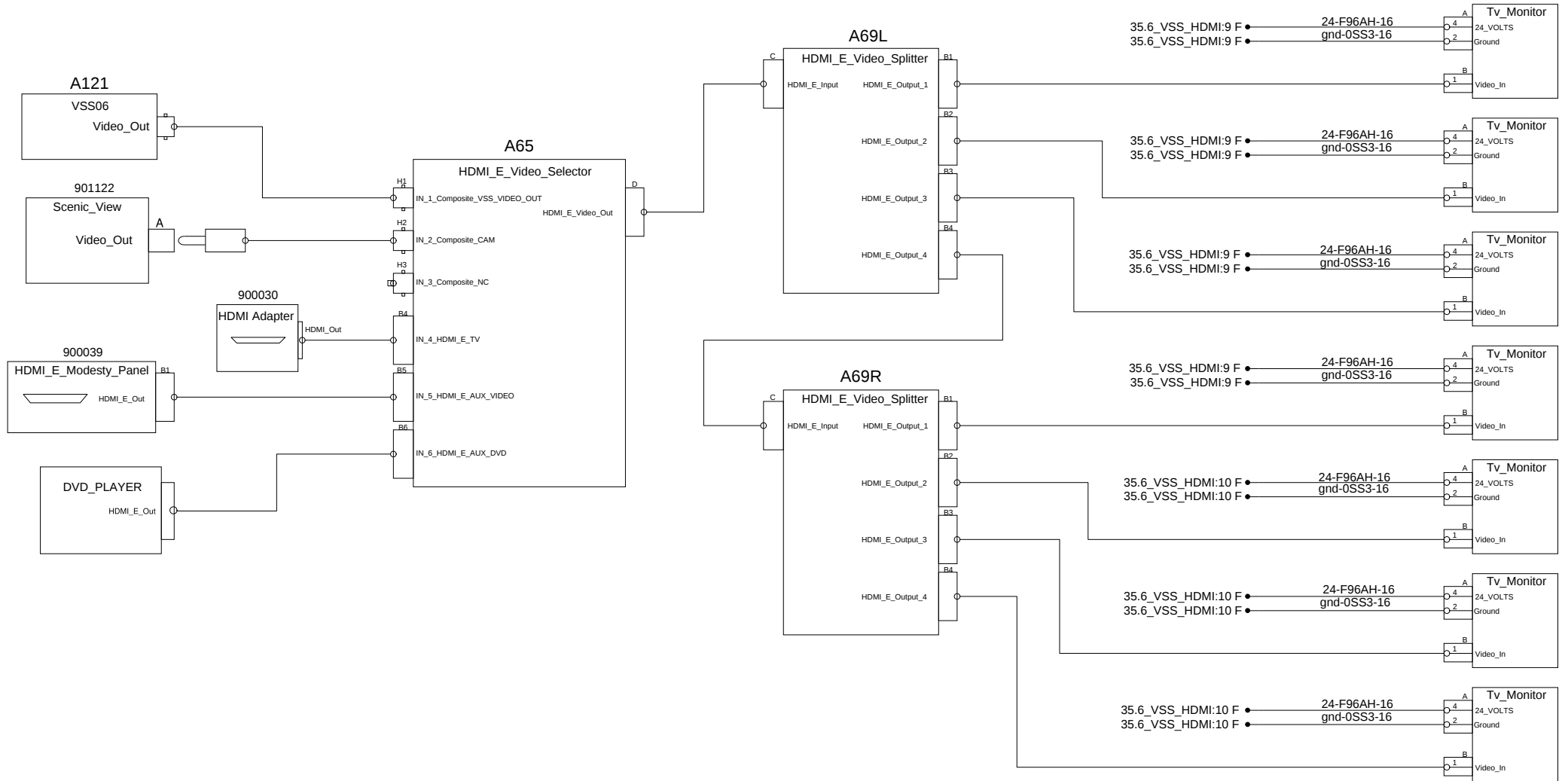
# Wipers and washer



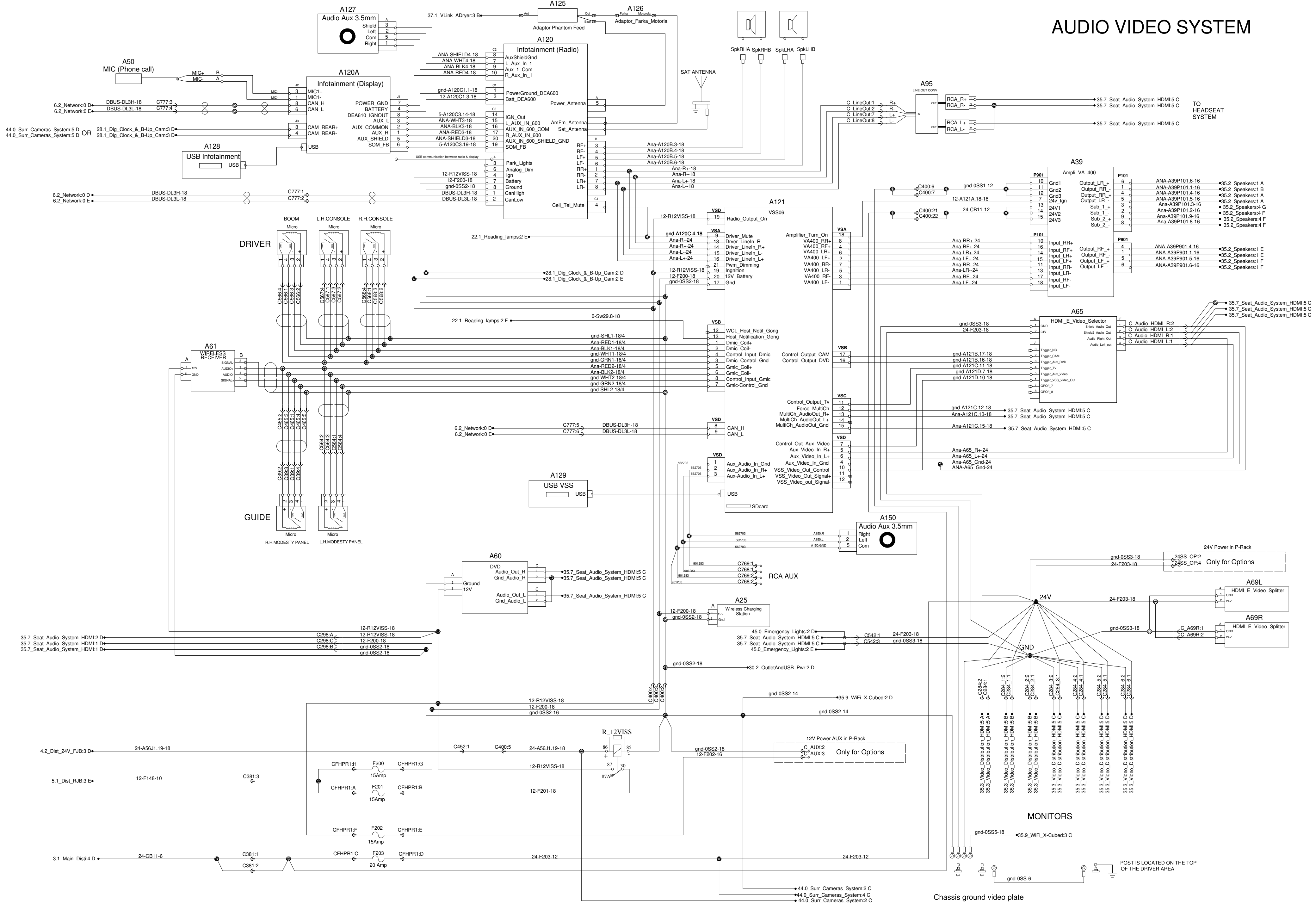
# Speakers arrangement (Delta configuration)



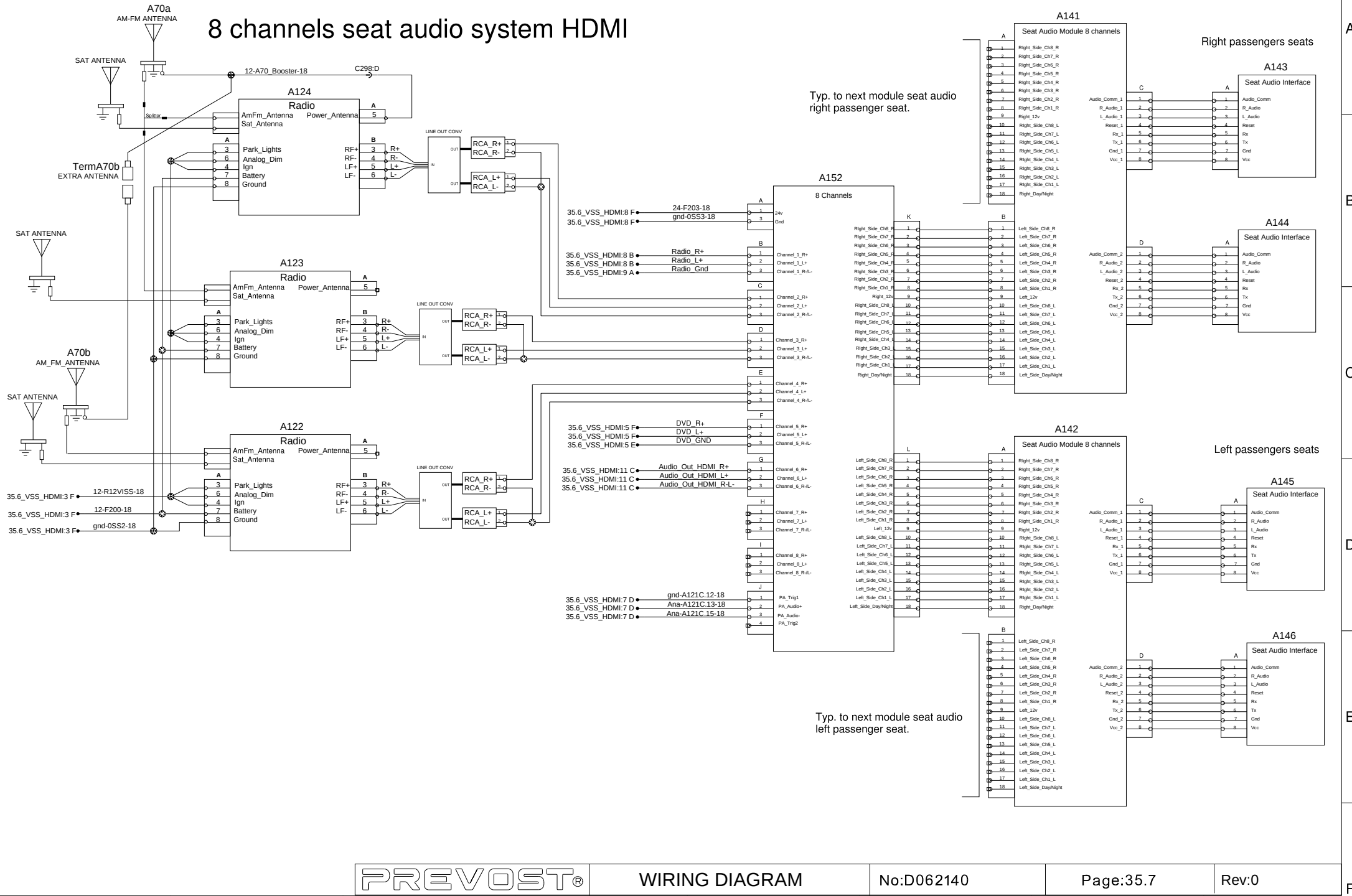
# Video distribution HDMI



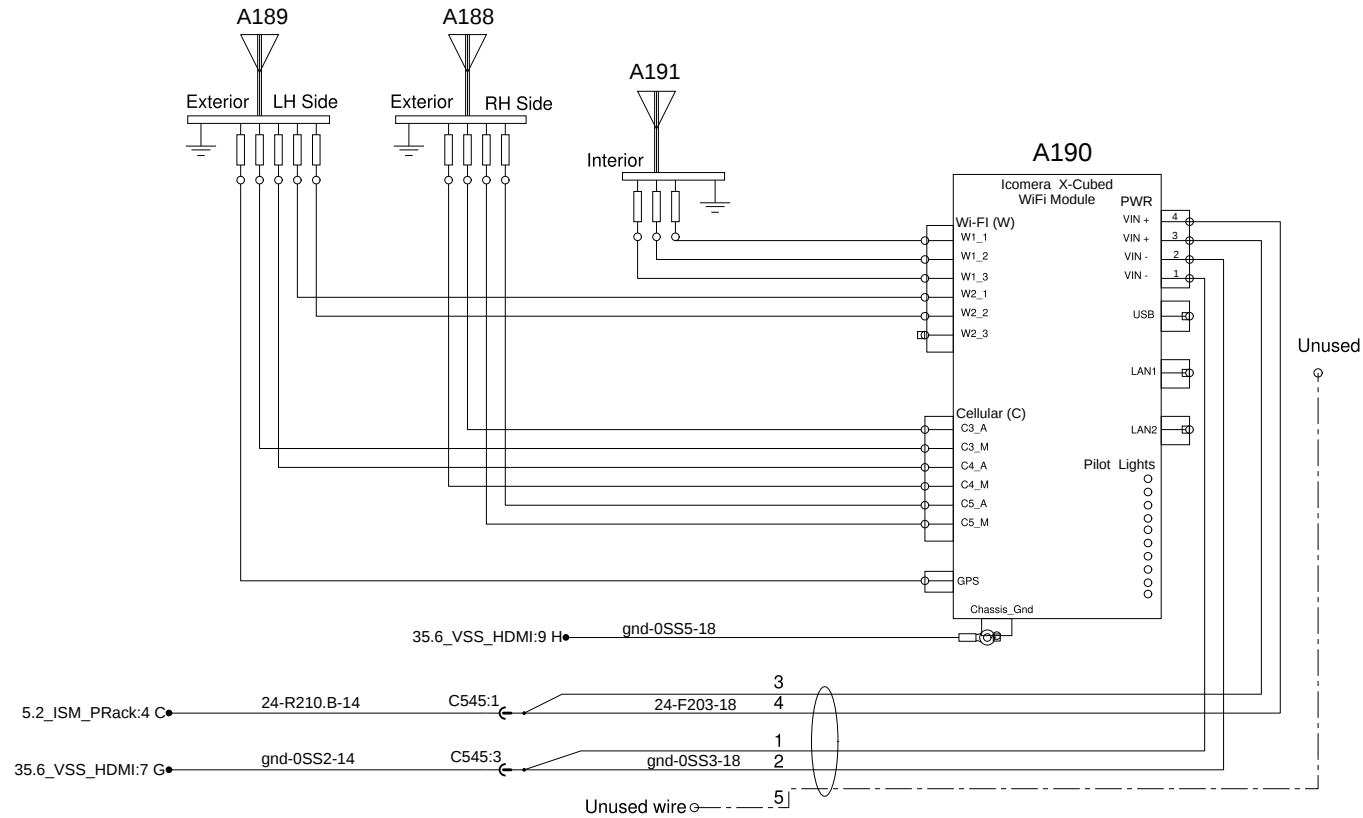
# AUDIO VIDEO SYSTEM



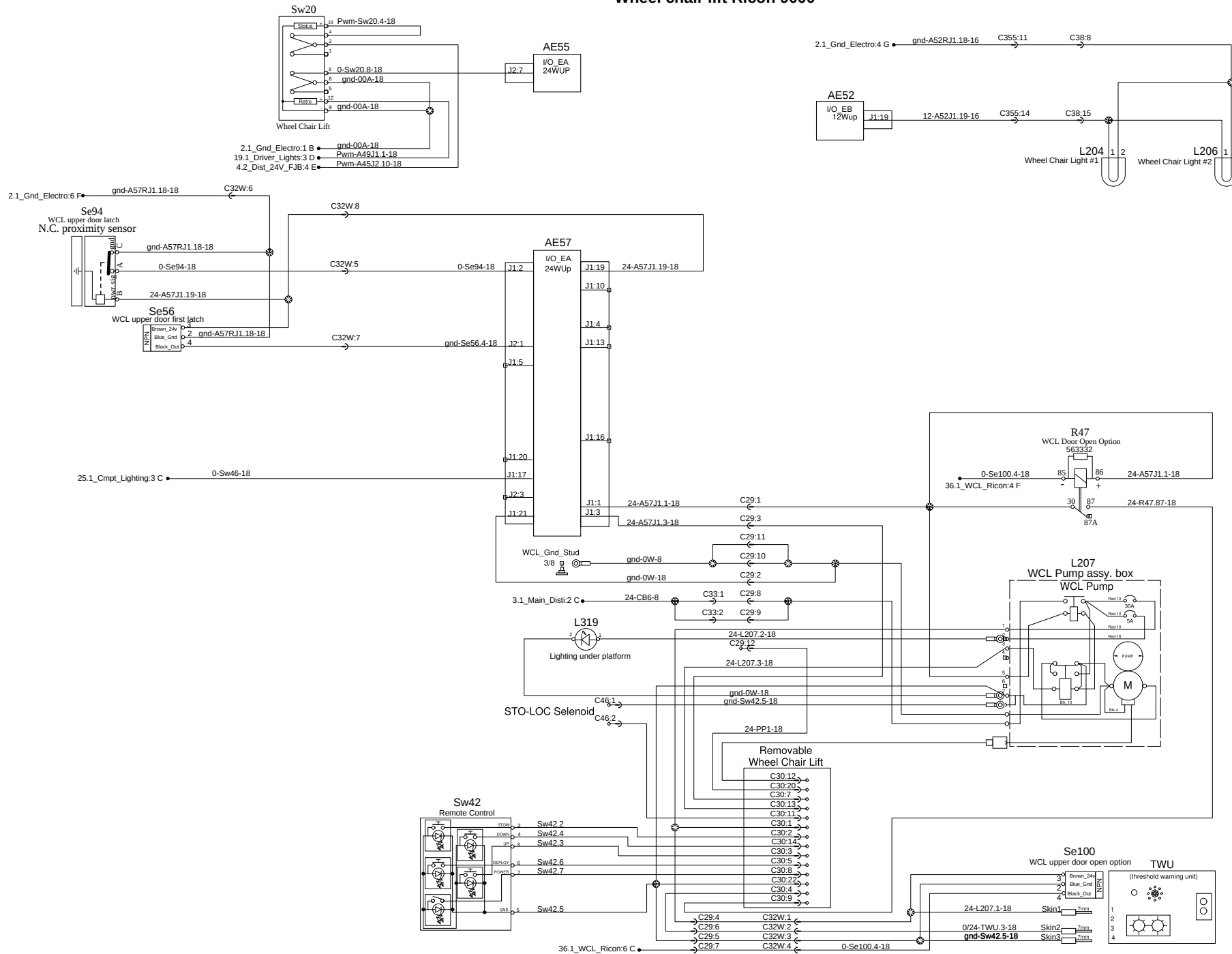
# 8 channels seat audio system HDMI



# WIFI - Wireless System Option



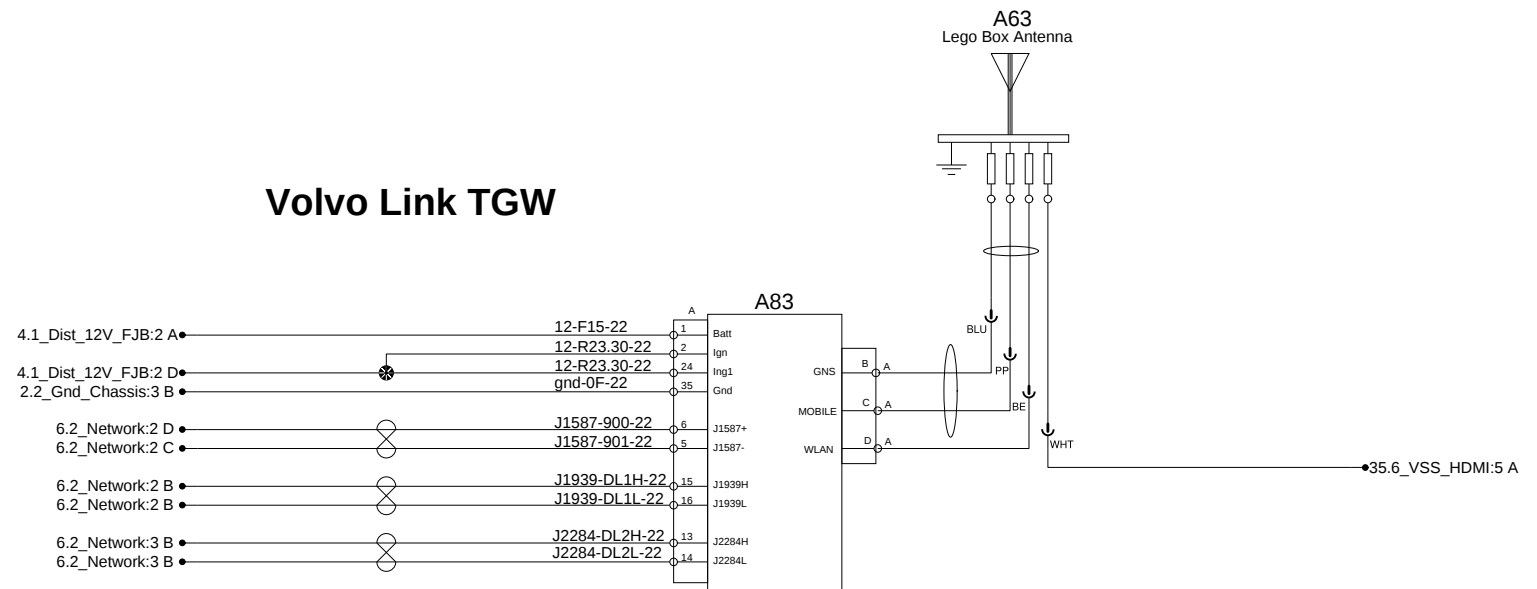
## Wheel chair lift Ricon 9000



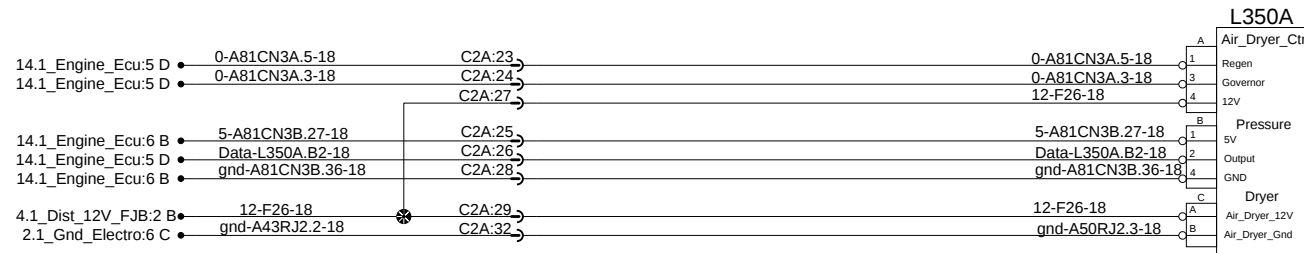
Install jumper between terminal 6 and 7 when optional lighting under platform is required.

gnd-0WC-10

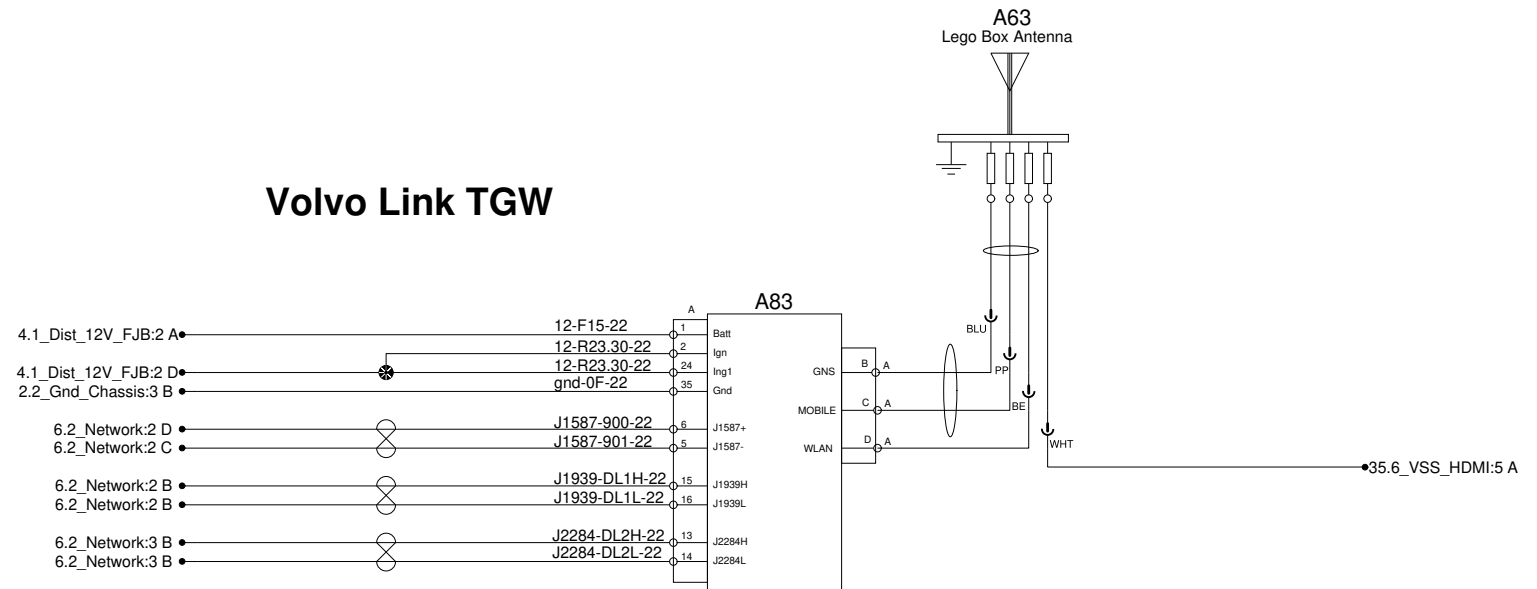
## Volvo Link TGW



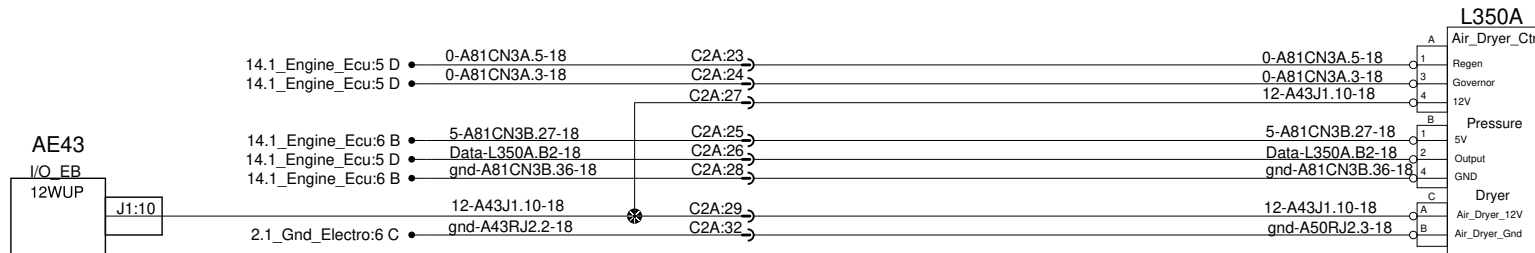
## Air Dryer Electric Control and Heater



## Volvo Link TGW



## Air Dryer Electric Control and Heater



A

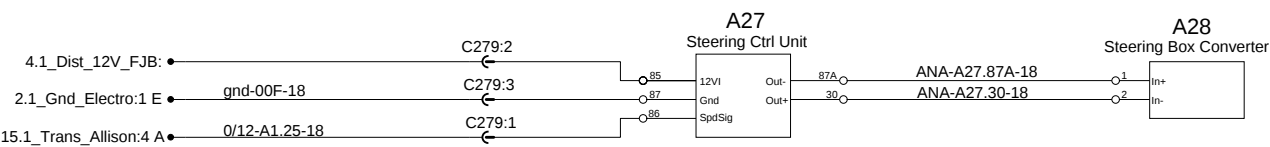
B

C

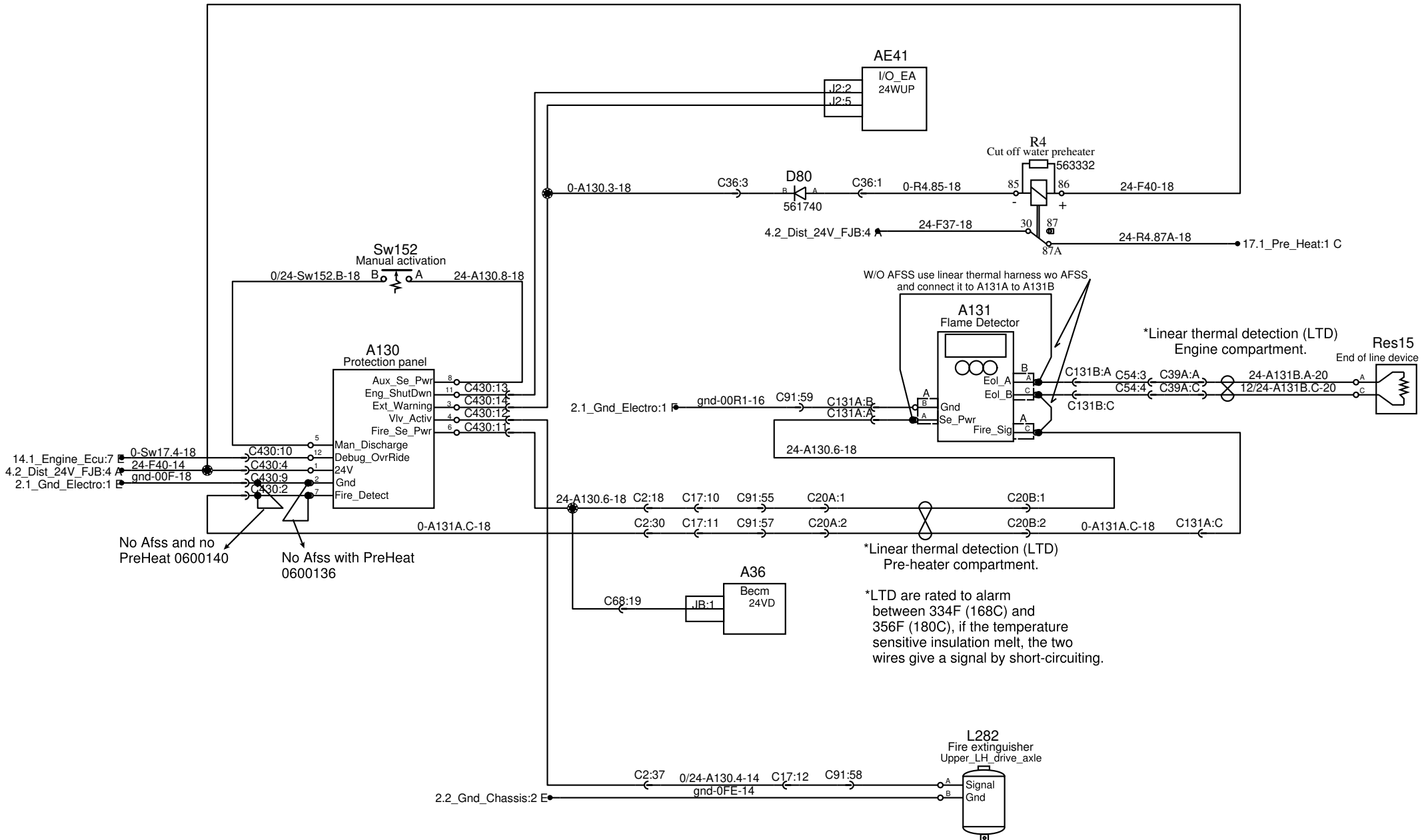
D

E

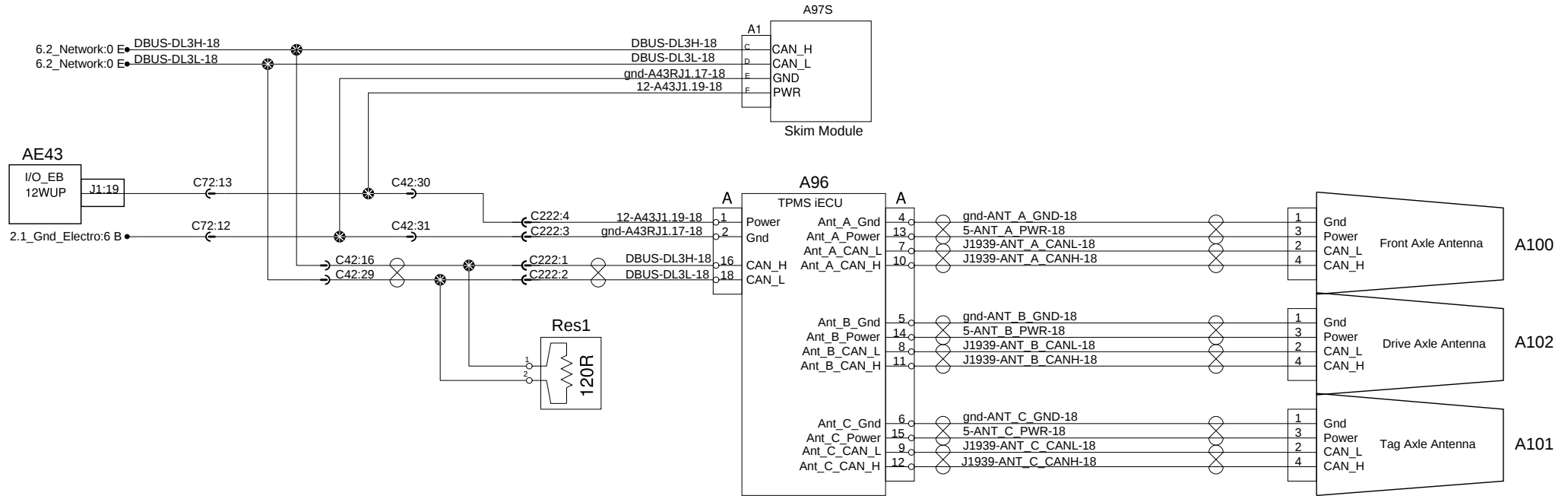
ZF Steering control



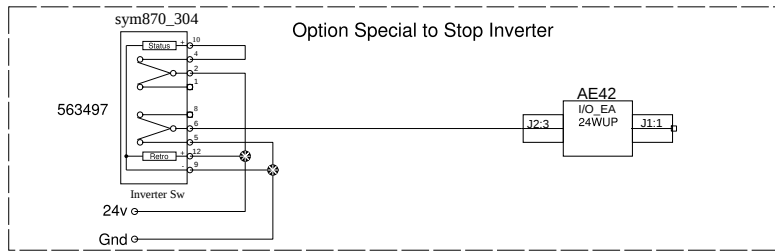
# Automatic fire suppression system



# Tire pressure monitoring system







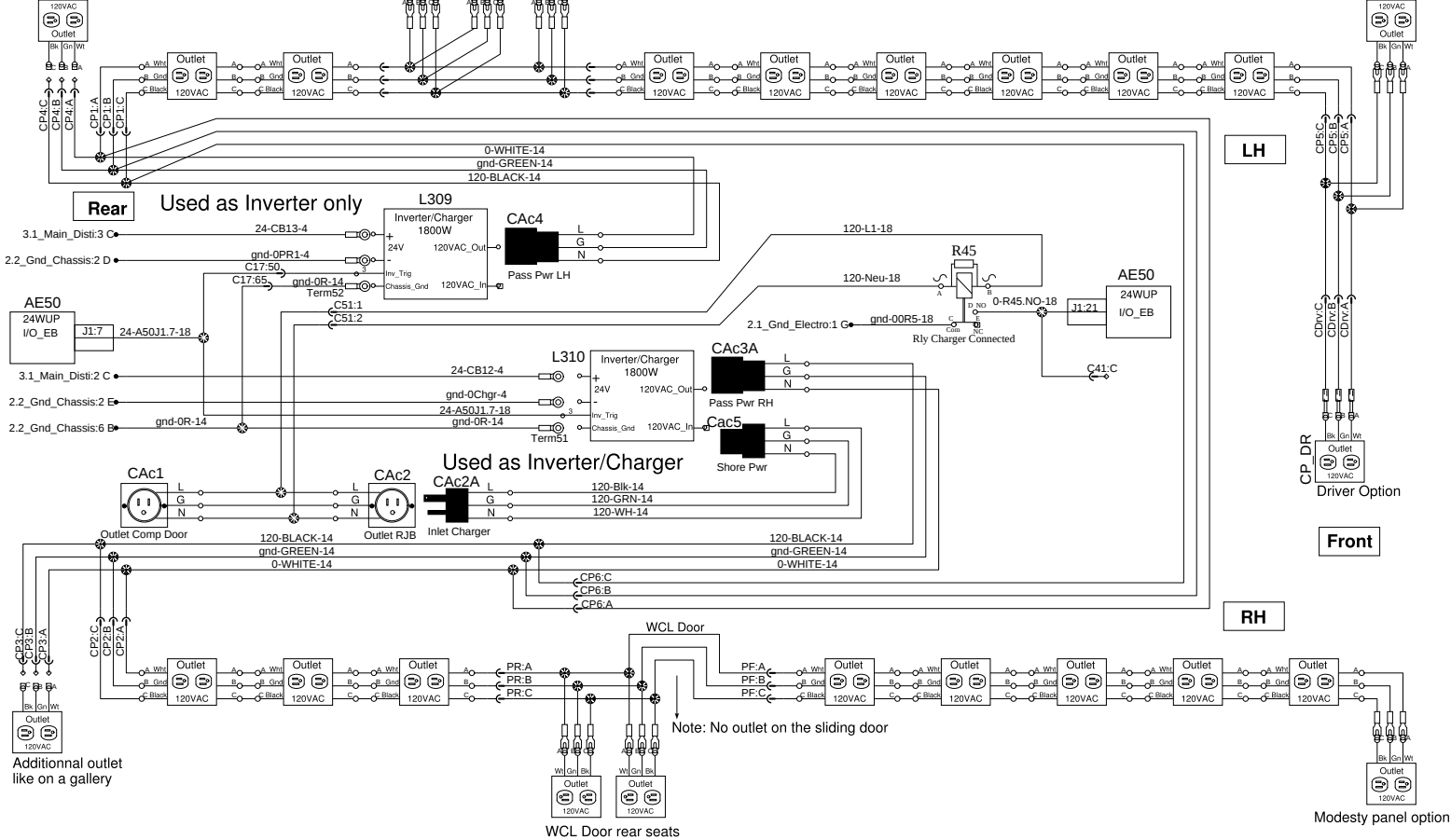
Outlets on wall when sliding seats (2 or 3)

### Inverter/Charger (1 or 2) & 120VAC outlets

\*\*Typical representation - Quantity change with Seat Layout\*\*

Additional outlet  
like a card table

Special request  
P-Rack outlet





1

2

3

4

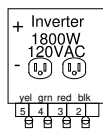
5

Inverters & 120V AC Outlets  
Customer Adaptation for additionnal outlets

4th Bay

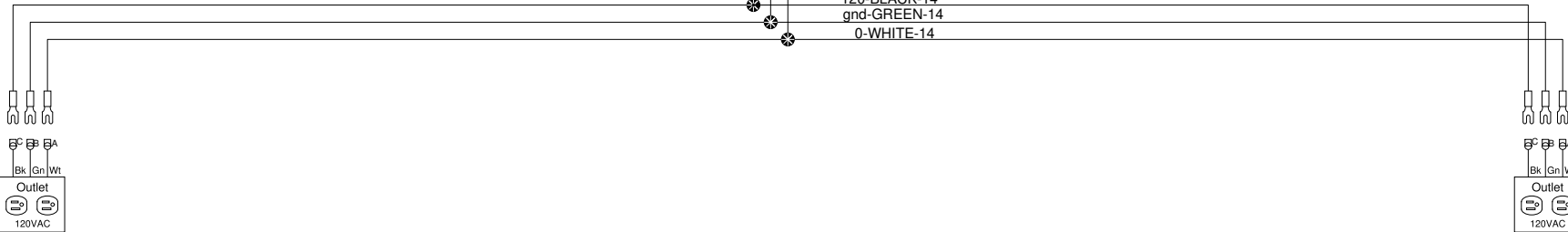
1st Bay

L310



0611000

120-BLACK-14  
gnd-GREEN-14  
0-WHITE-14



Additional outlet  
located in the lugg.

Additional outlet  
located in the lugg.

1

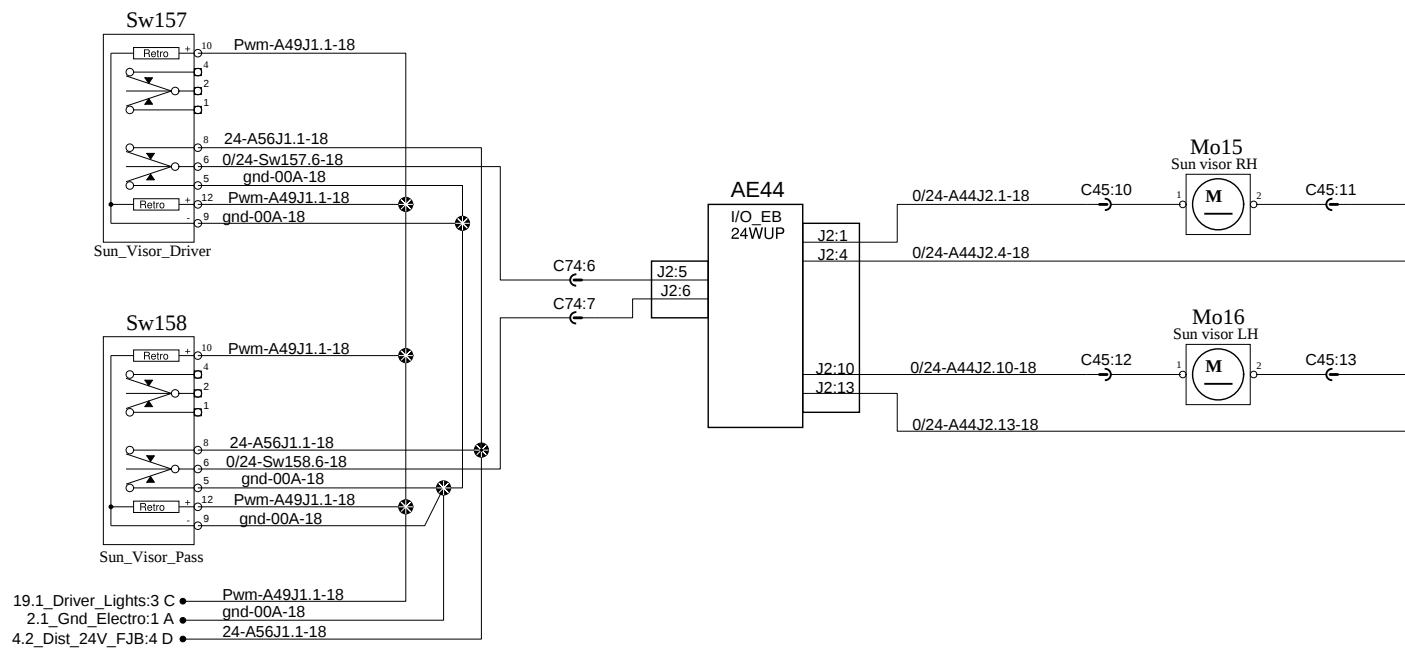
2

3

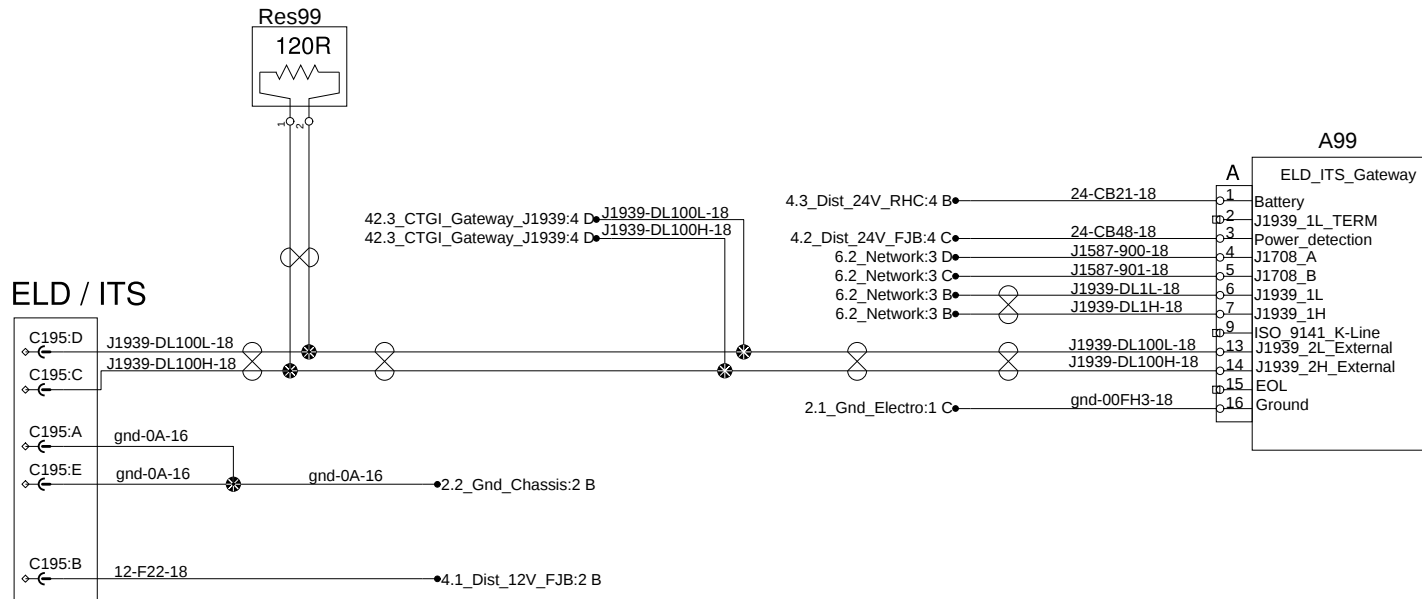
4

5

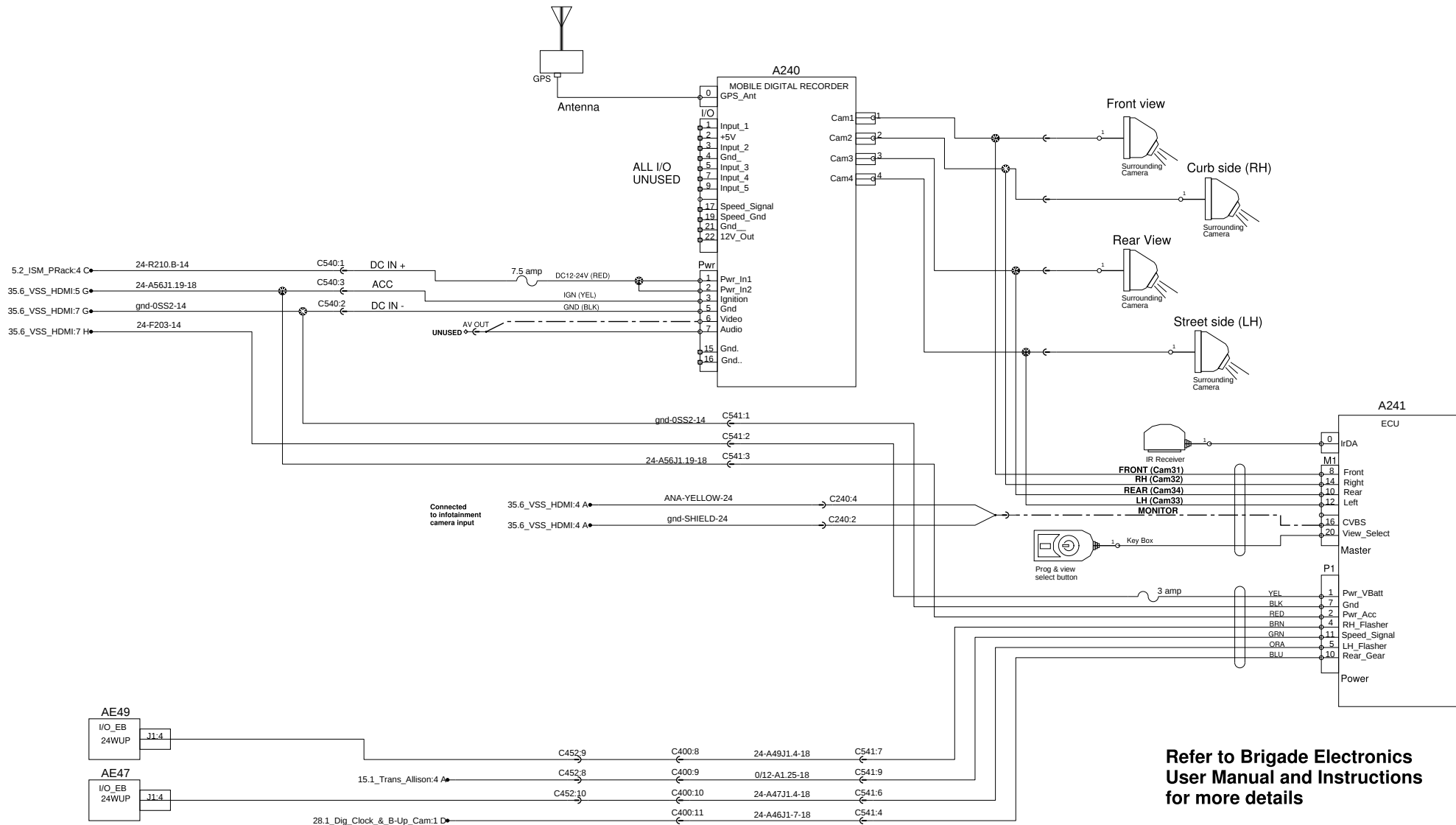
# Sun Visors



# ELD / ITS J1939 Gateway

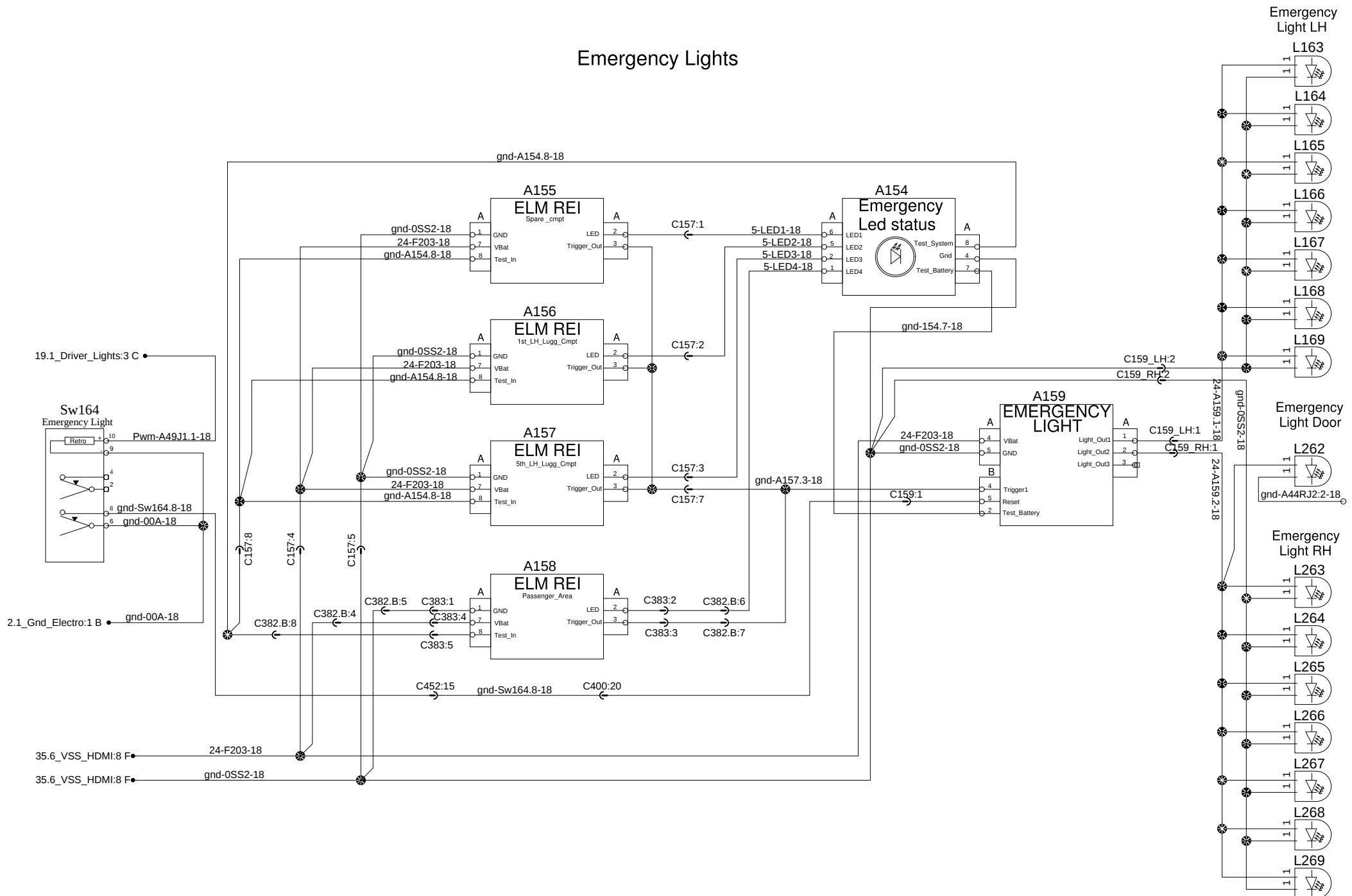


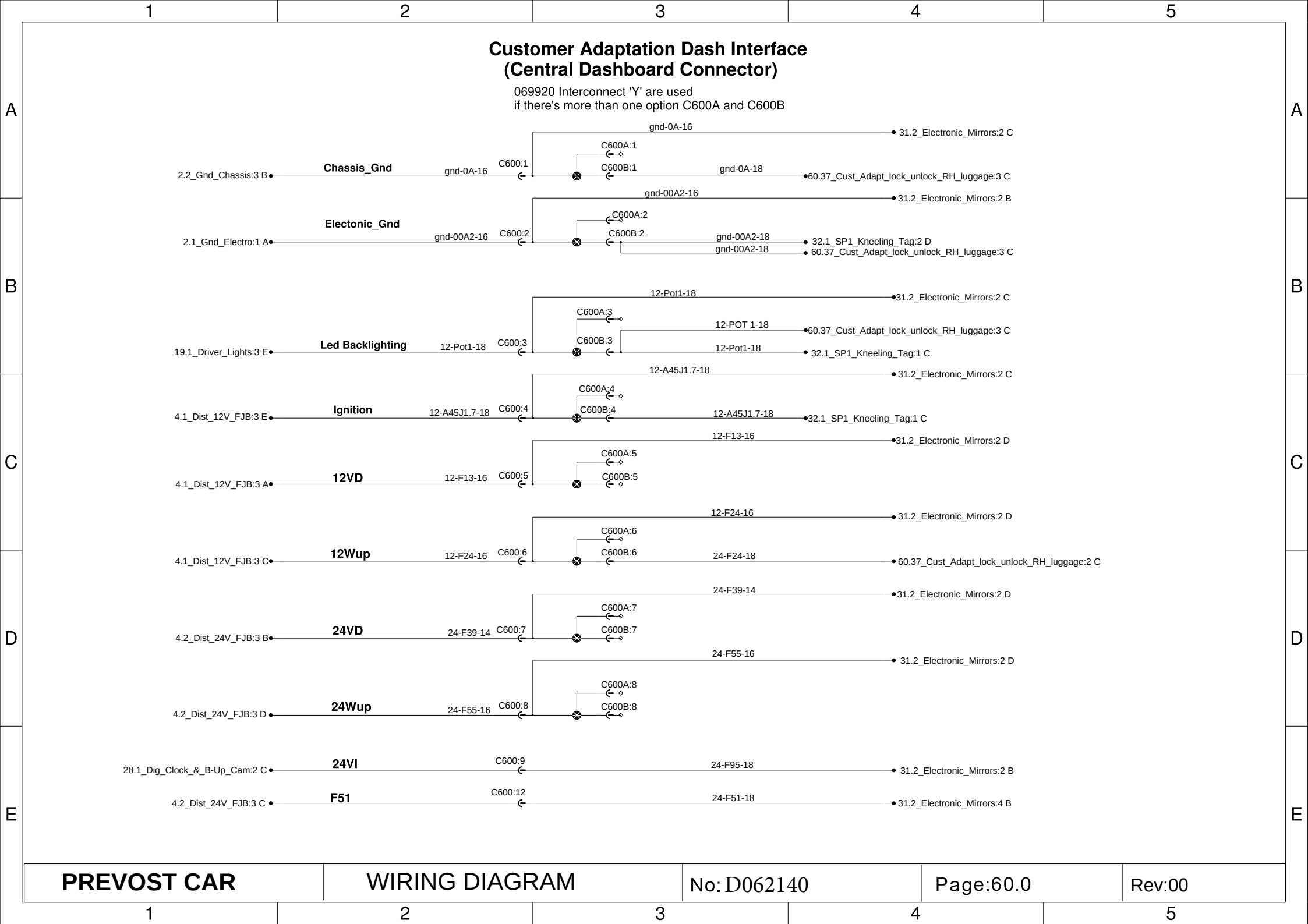
# Surrounding Cameras System



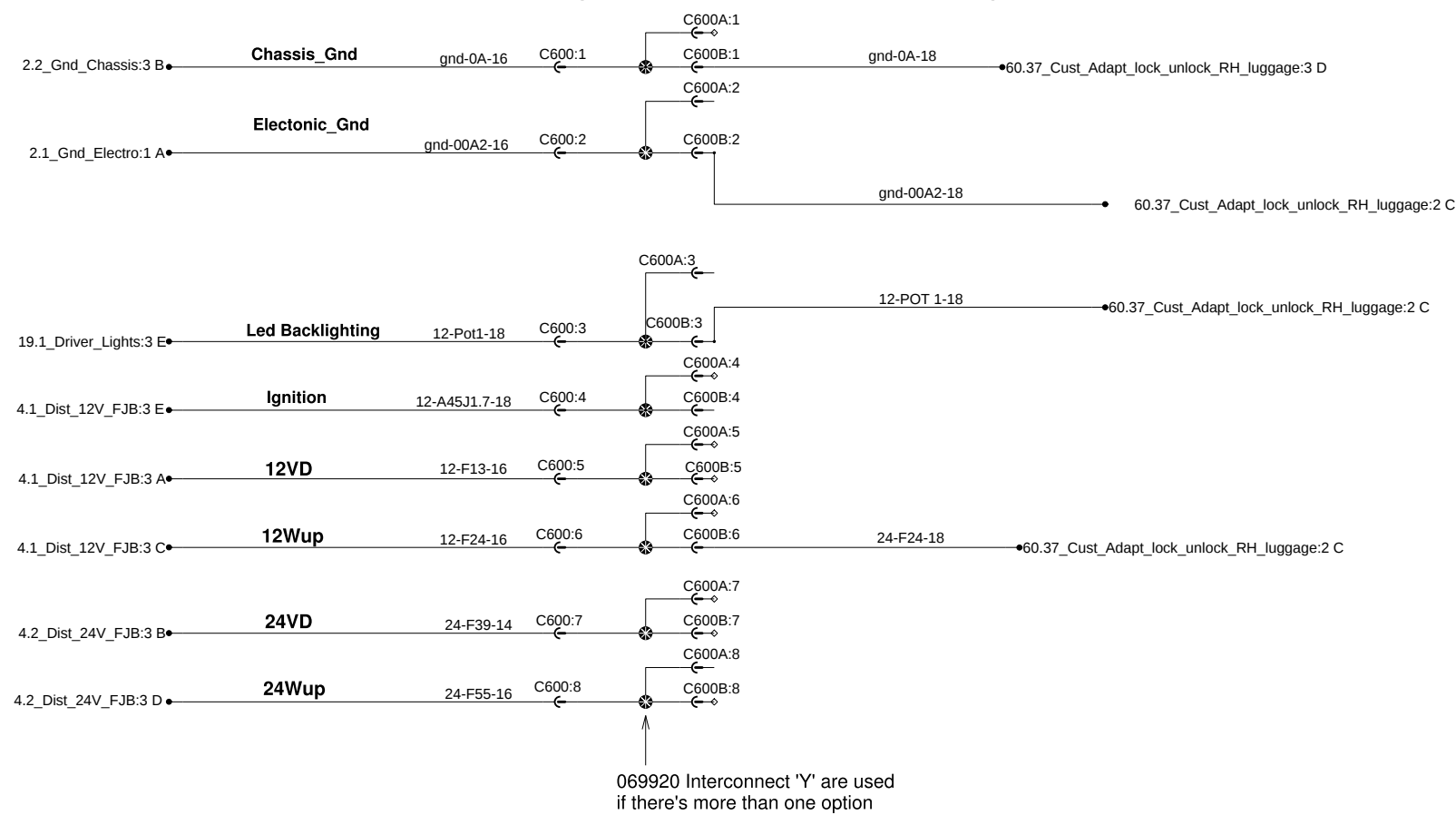
Refer to Brigade Electronics User Manual and Instructions for more details

## Emergency Lights



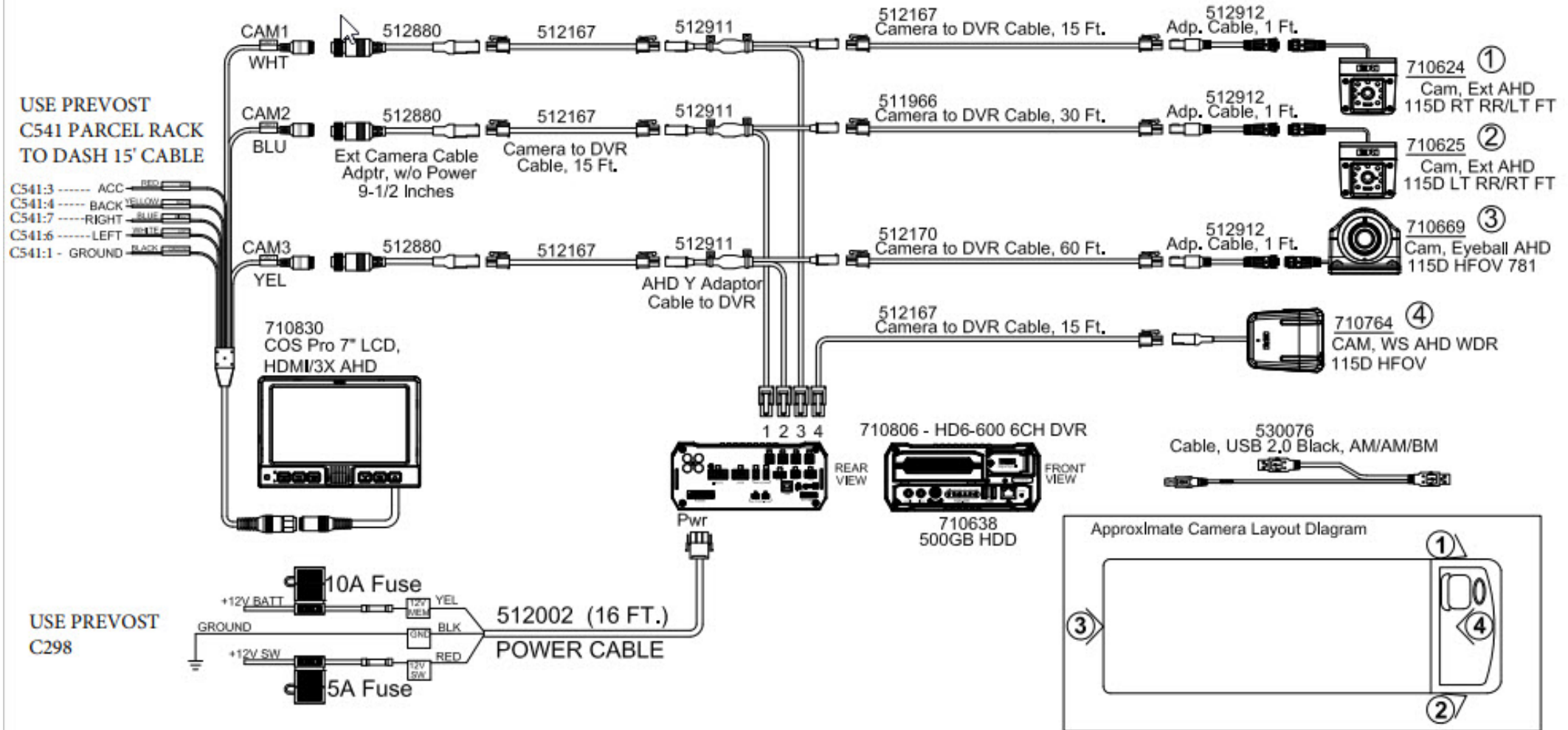


Customer Adaptation Dash Interface  
(Central Dashboard Connector)

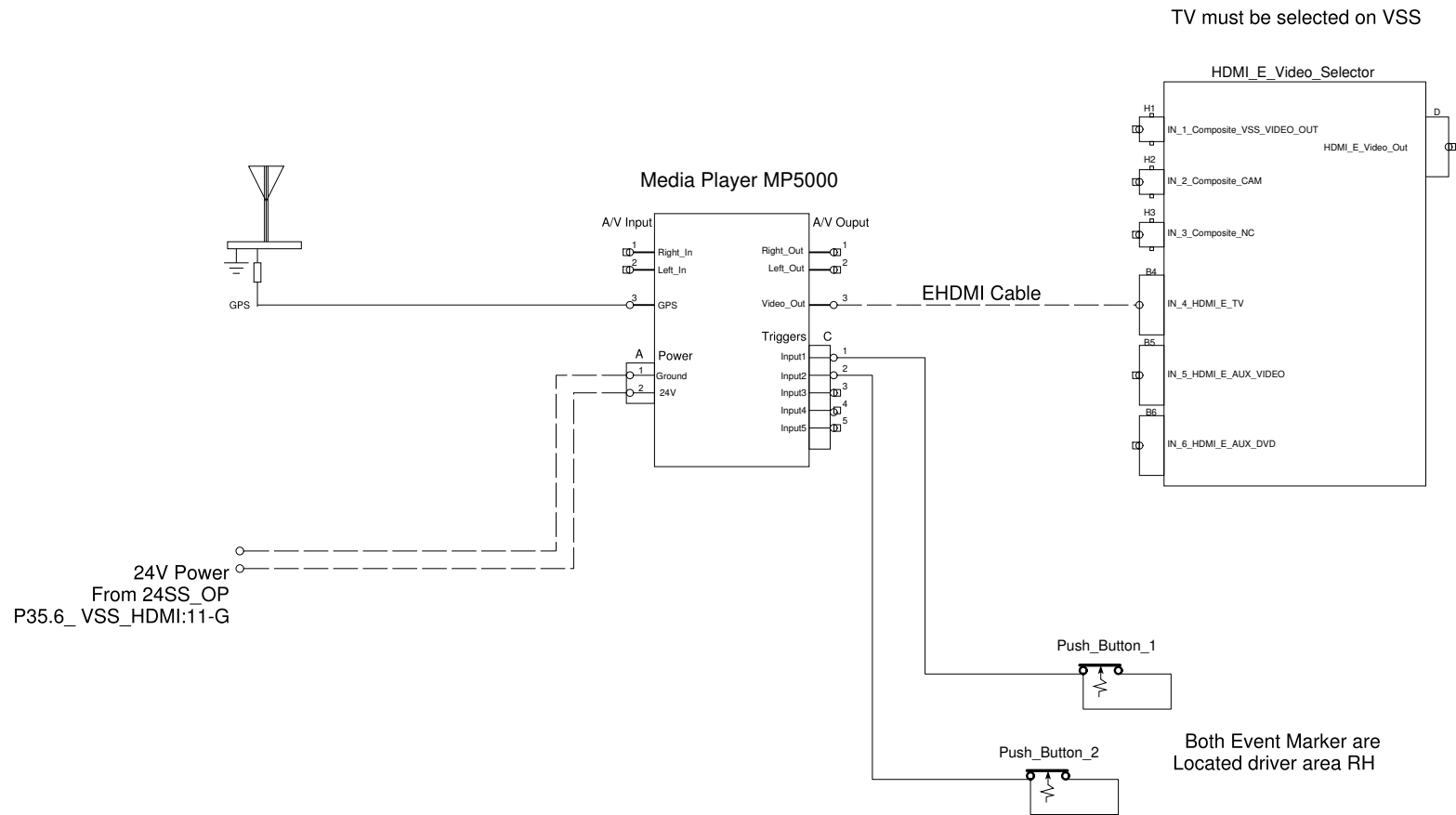


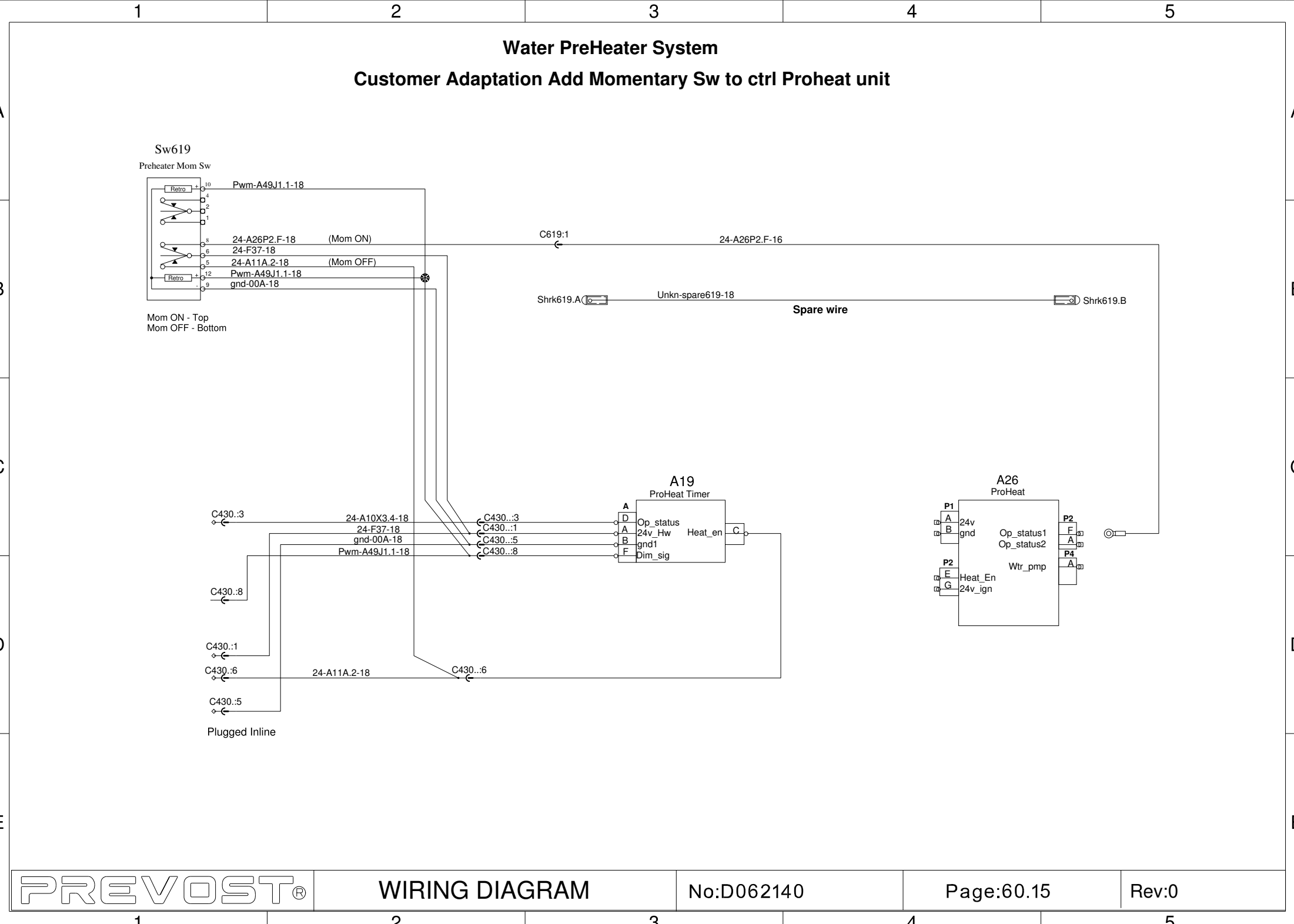
# CAMERA REI WITH MONITOR

## HD6-600 4 Cameras with Monitor



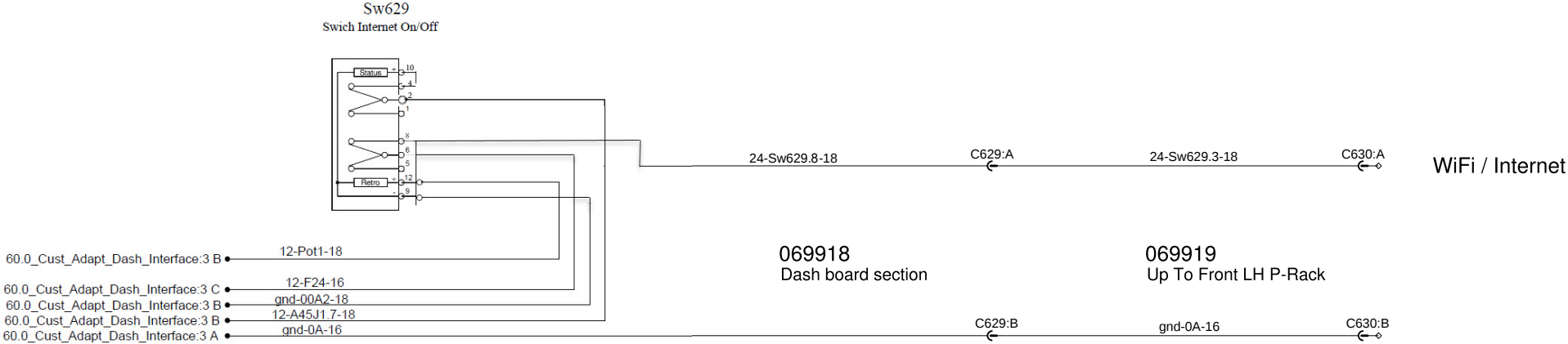
Media Player MP-5000 With GPS





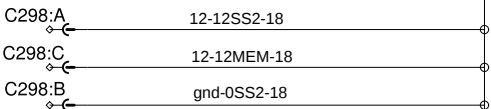
12V Internet Sw. on dashboard

CUSTOMER ADAPTATION

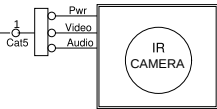


Mobile Digital Video Recorders (DVR)  
Customer Adaptation

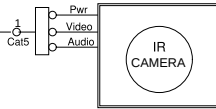
Plug with C298  
Refer to P35.6  
(Loc. 3-F)



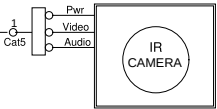
Located in Front LH P-Rack



Seon

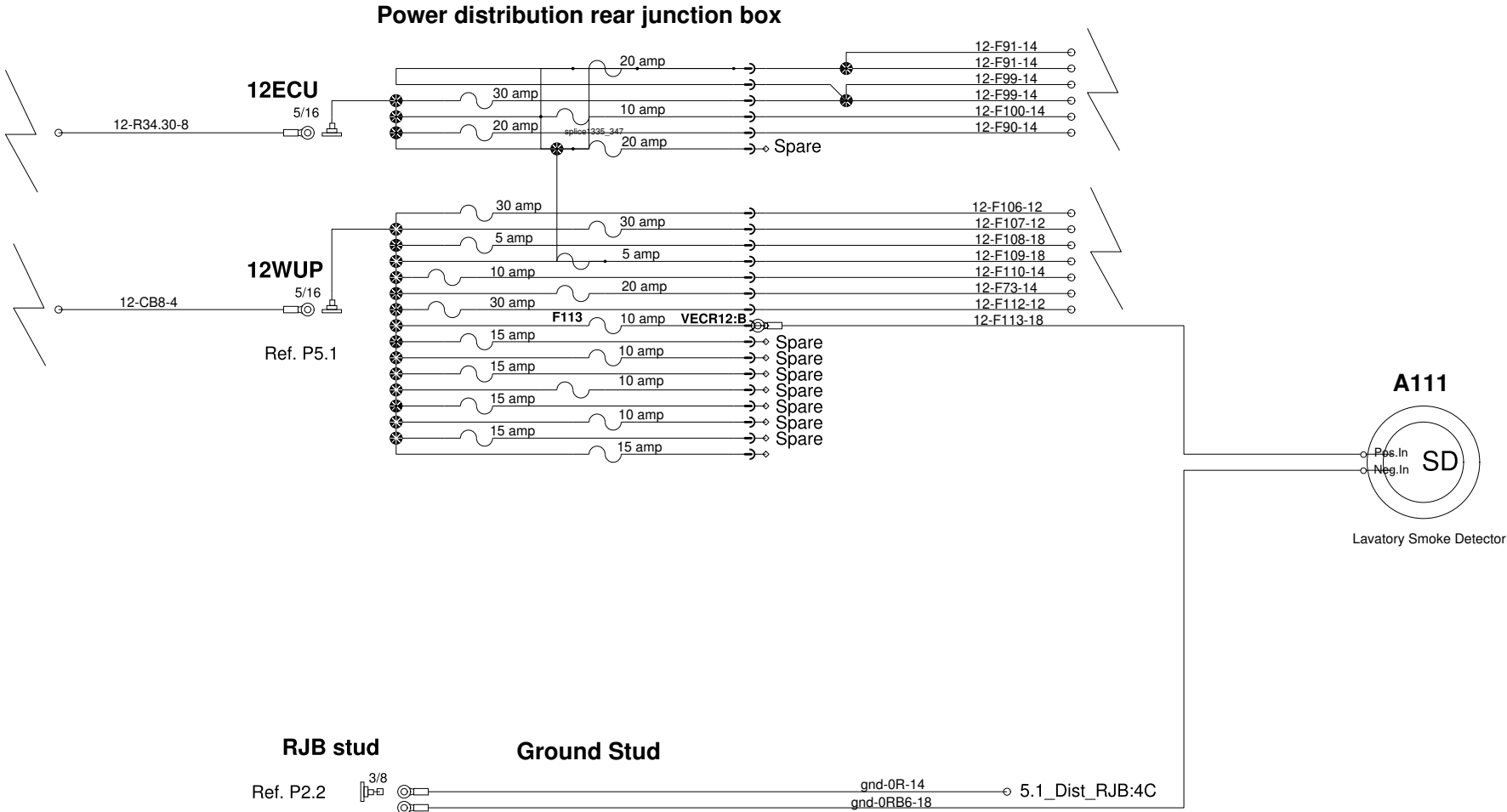


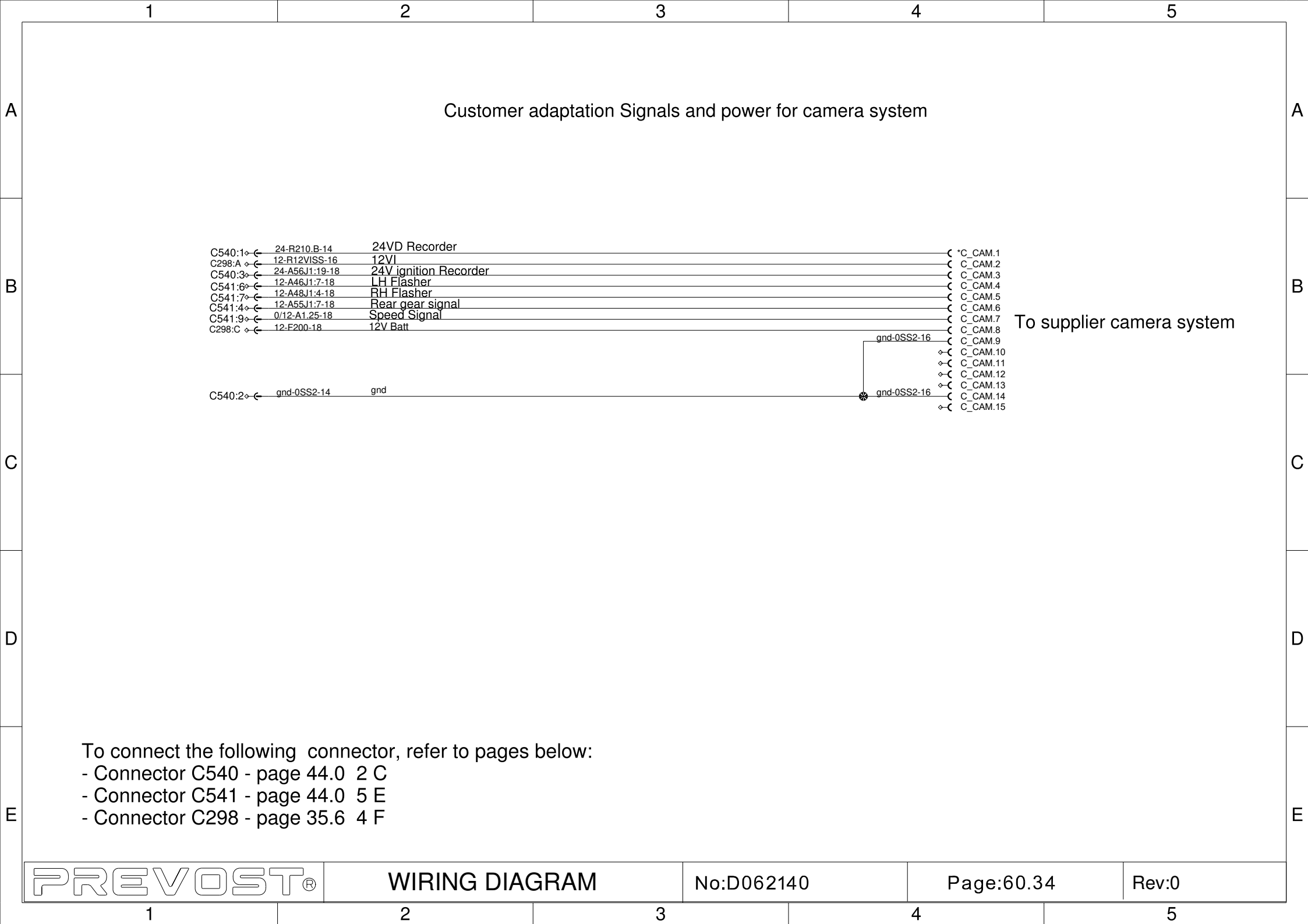
Seon

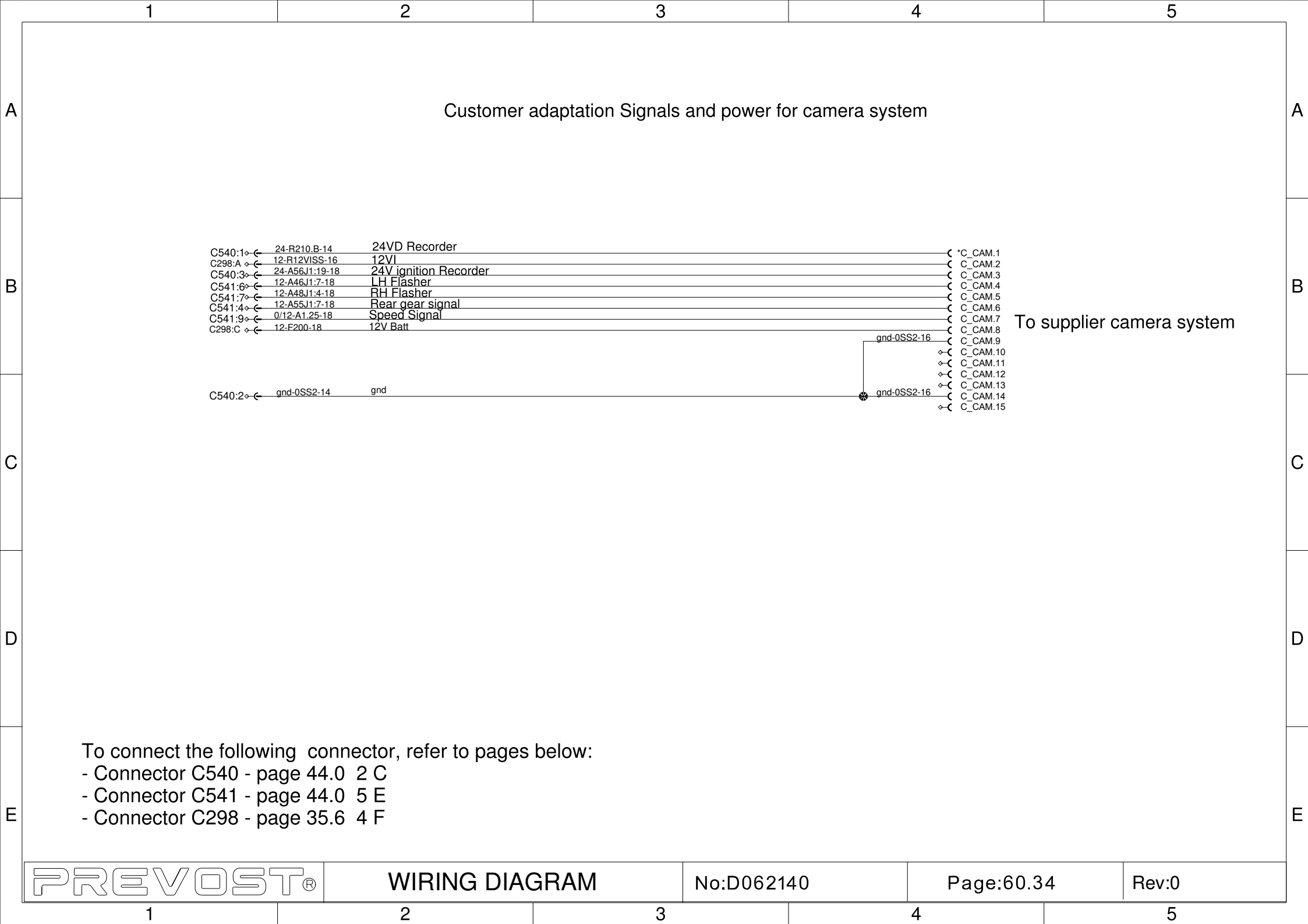


Seon

Lavatory Smoke Detector  
Customer Adaptation

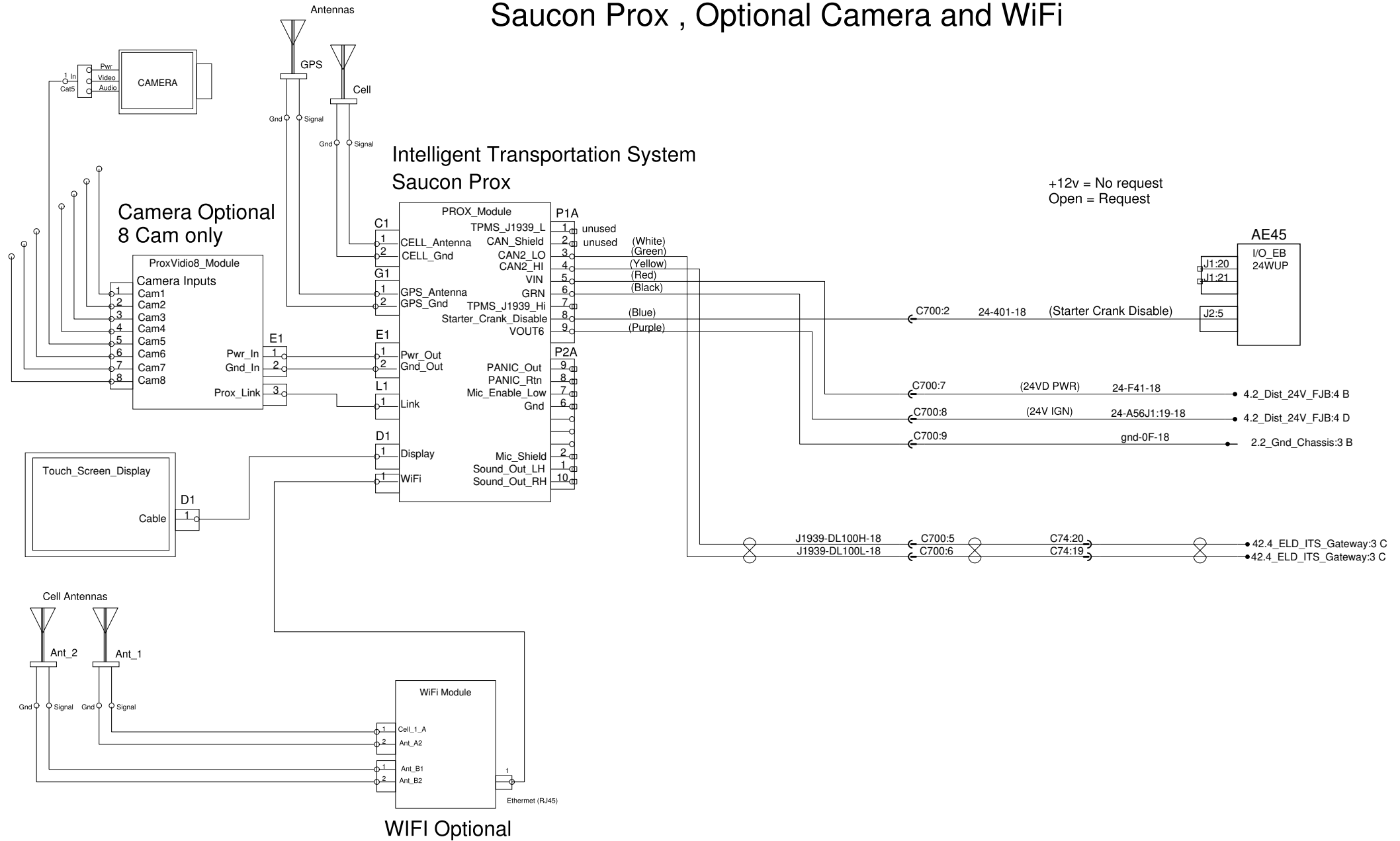






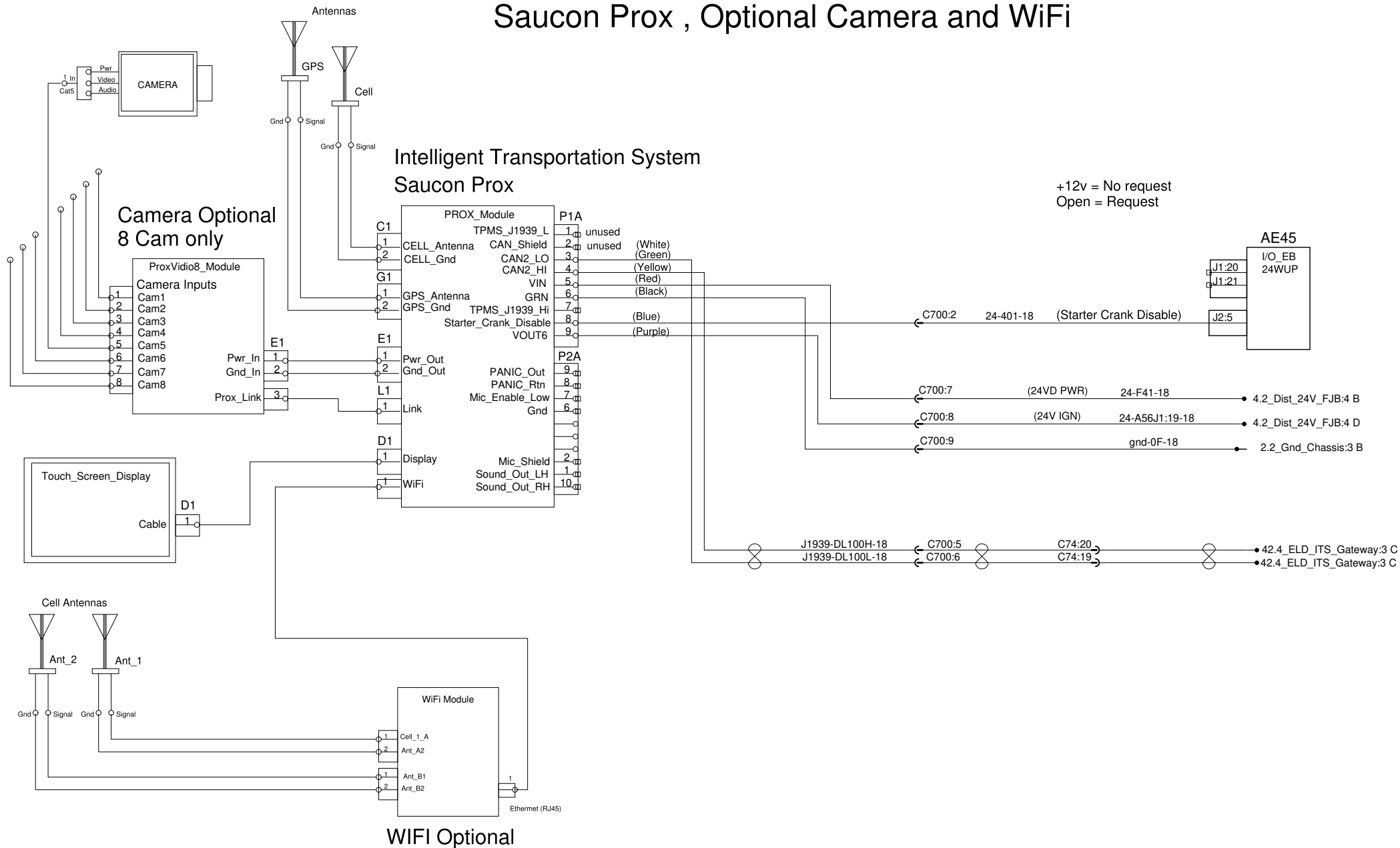
## CTGI - Customer Telematic Gateway Interface

Saucon Prox , Optional Camera and WiFi



# CTGI - Customer Telematic Gateway Interface

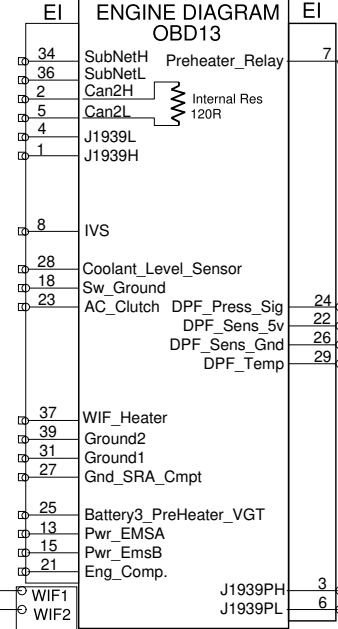
## Saucon Prox , Optional Camera and WiFi



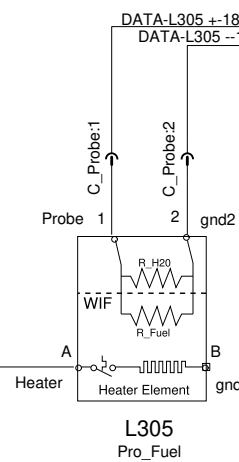
# WATER IN FUEL DETECTION

EIA  
Volvo D13 2010

REF. TO VOLVO  
ENGINE DIAGRAM  
OBD13

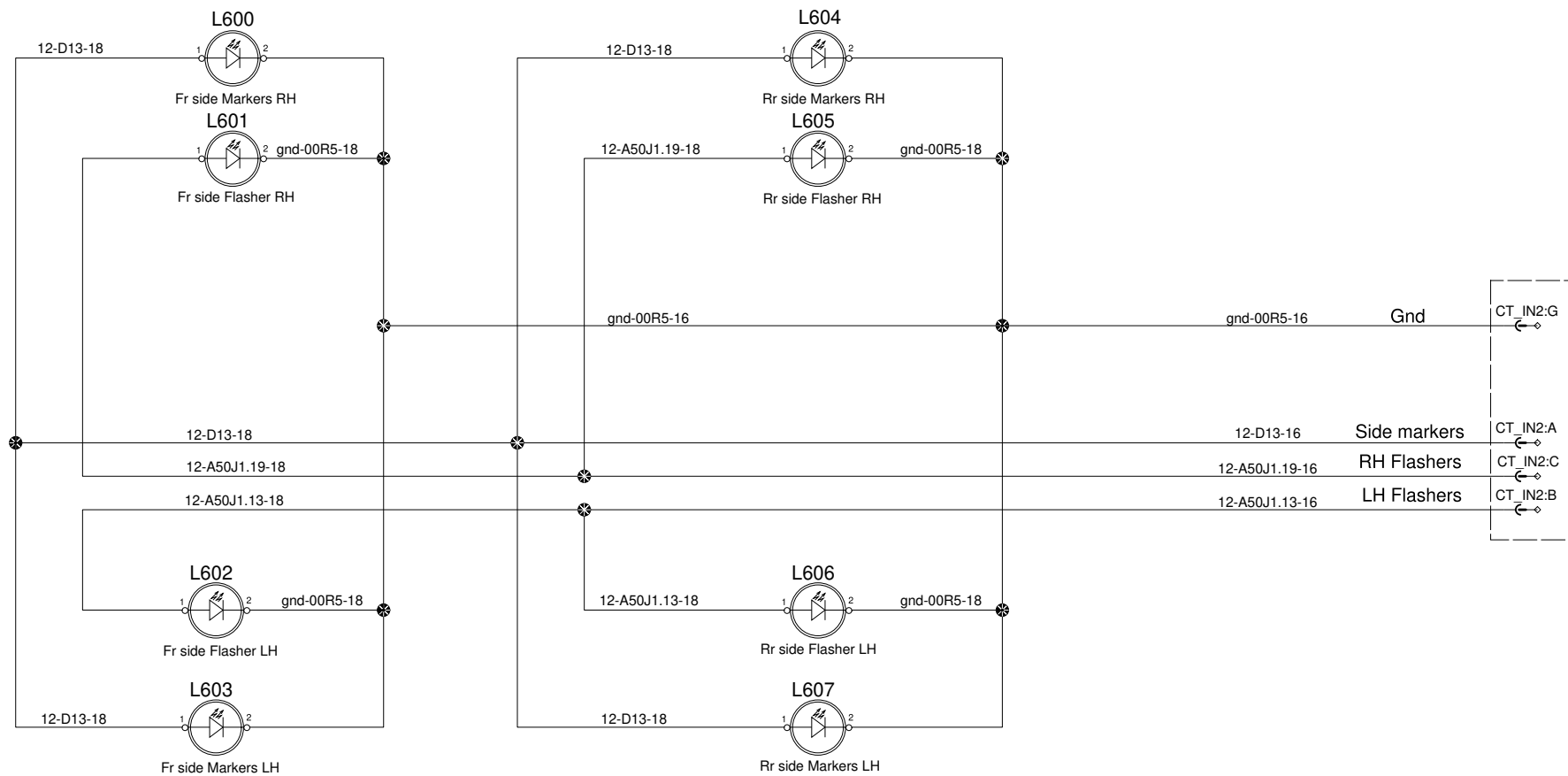


Option Heater



Fuel filter  
Pro Fuel 386

# Marker and Flasher Lights Additionnal Customer Adaptation



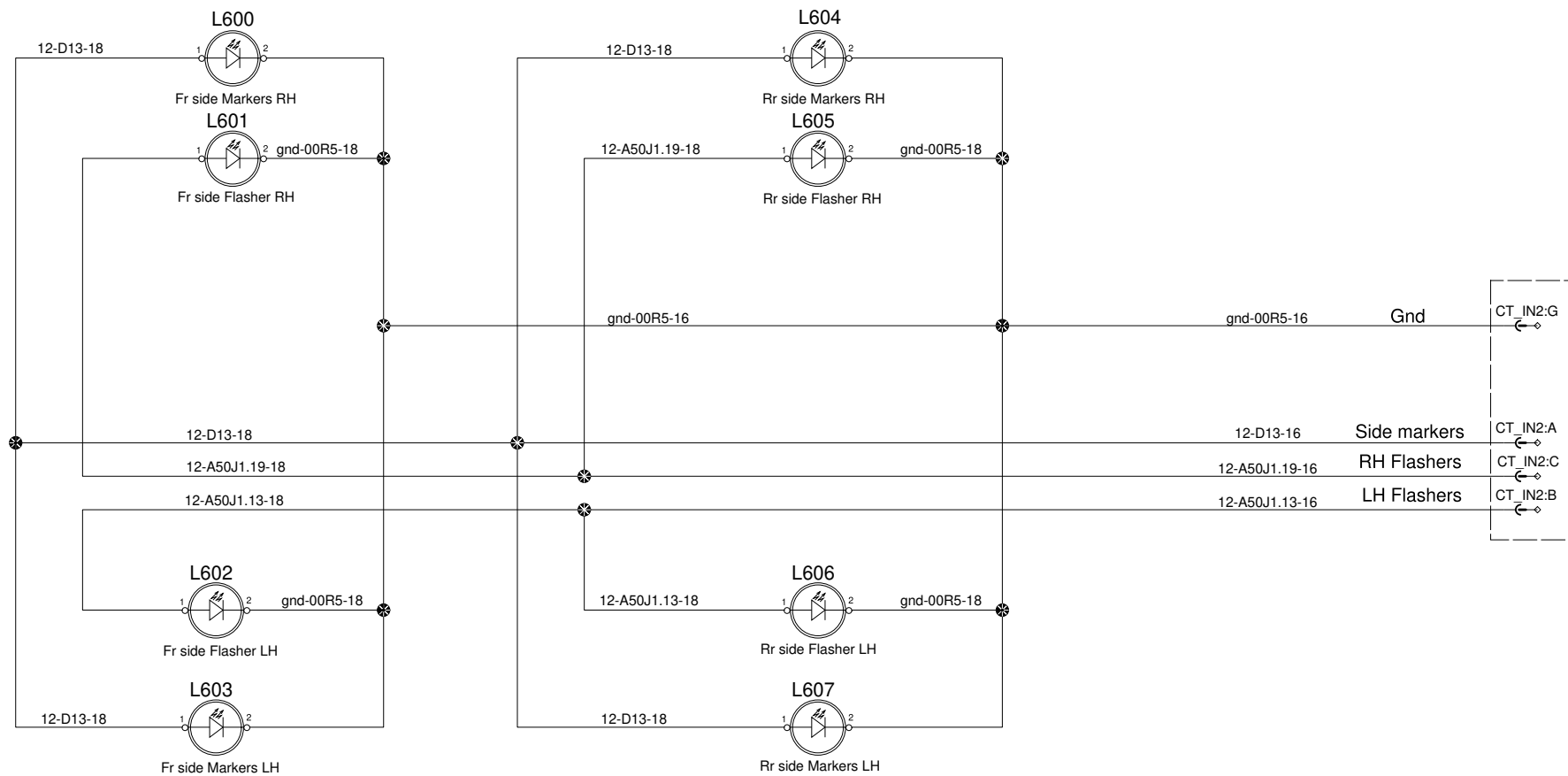
RJB Trailer  
Plug with CT\_IN

Refer to Page 26.4

First luggage

Last luggage

# Marker and Flasher Lights Additionnal Customer Adaptation



RJB Trailer  
Plug with CT\_IN

Refer to Page 26.4

First luggage

Last luggage