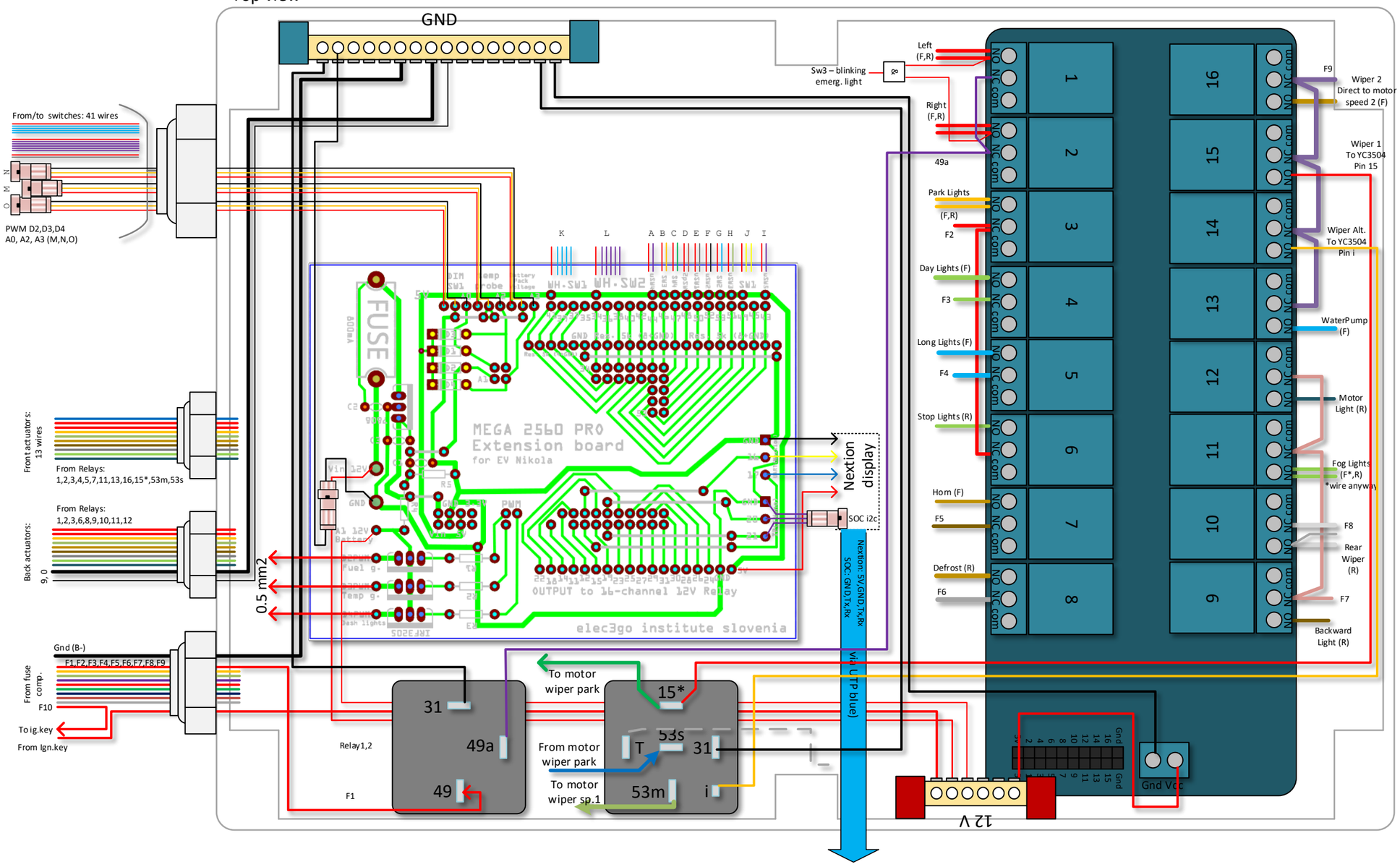
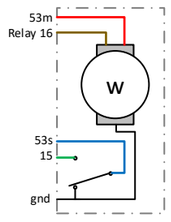
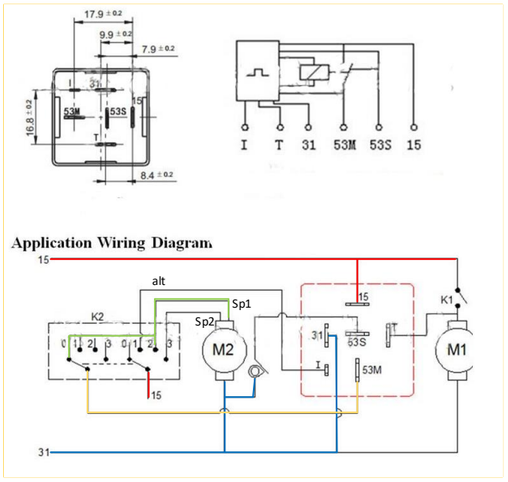
Top view





Wiper motor front

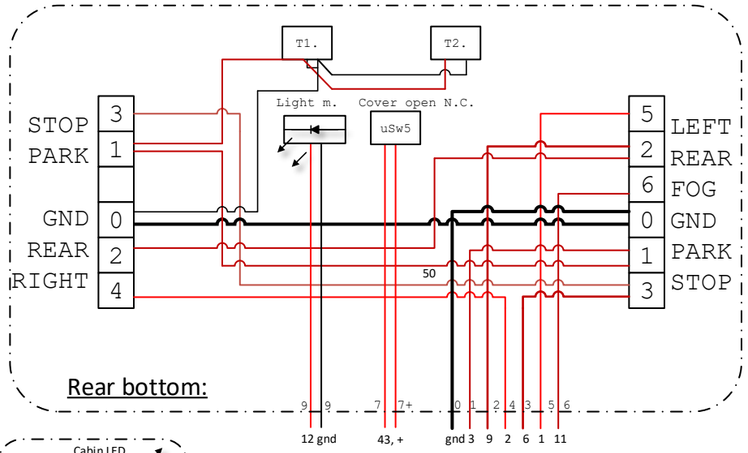
Main control unit (driver seat) ver 2.3.1

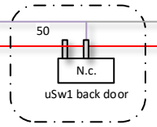


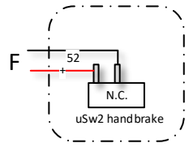

```
ParkLight_Sw 49        // Sw1 (on dash)
DayLight_Sw  45        // Sw1 (on dash)
LongLight_Sw  41       // WHEEL Sw1 Left side
TurnLeft_Sw  39        // WHEEL Sw1 Right side
TurnRight_Sw  37       // WHEEL Sw1 Right side
Horn_Sw  35            // WHEEL Sw1 Right side (??)
FogLight_Sw  53        // Sw2 (extra added on dash)
EmergenceLight_Sw  46  // Sw3 (on dash)
DefrostWindow_Sw  47   // Sw4 (on dash)
BackwardLight_Sw  48   // two-pole Sw (2pSW) to change
Reserve_uSw1  50       //                      *+
Handbrake_Sw  52       // uSw2 (handbrake)     *+  (!)
ChargeMode_input  51   // uSw3 (when AC plug cable is
StopLight_Sw  44       // uSw4 (on the brake foot)
WindowWater_Sw  36     // WHEEL Sw2       *****+
Wiper1_Sw  38          // WHEEL Sw2       *****+
Wiper2_Sw  40          // WHEEL Sw2       *****+
Wiper1Alternate_Sw  42 // WHEEL Sw2       *****+
WiperRear_Sw  34       // WHEEL Sw2       *****+
MotorCover_Sw  43      // uSw5 Motor Cover open/closed
```

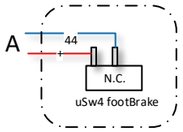
```
Wiring the two data wires:
NEXTION Rx --> Tx2 MEGA (16)
NEXTION Tx --> Rx2 MEGA (17)

Wiring also the I2C protocol for SOC values
    A4 NANO --> 20 MEGA
    A5 NANO --> 21 MEGA
```

Rear bottom:

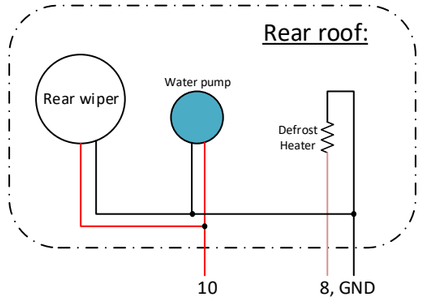


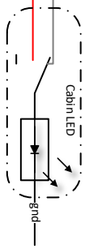


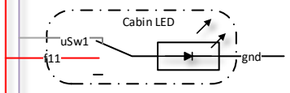


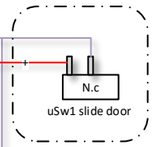


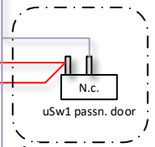
Rear roof:

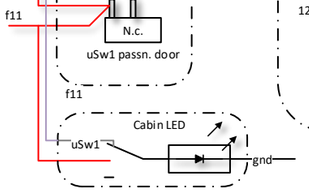




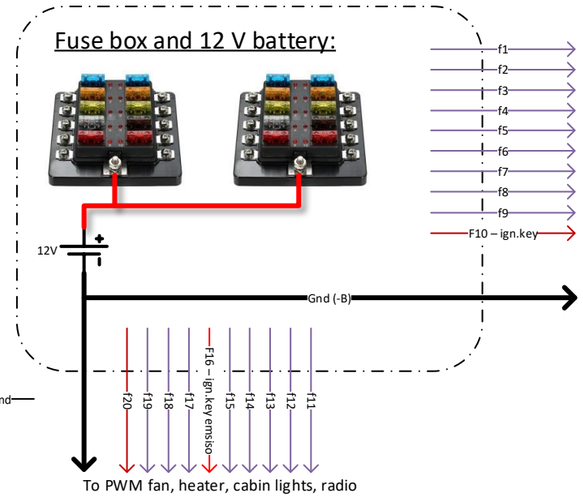




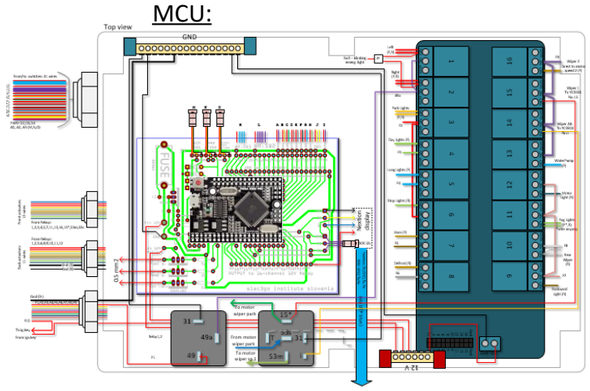




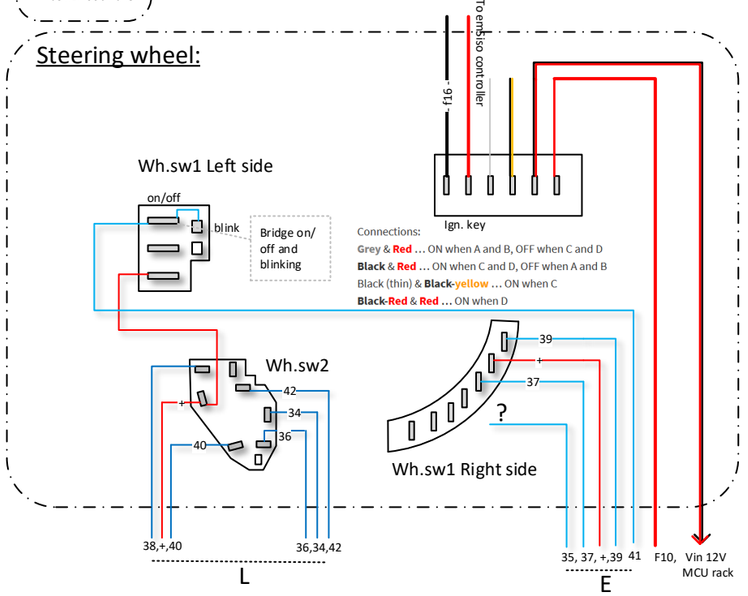
Fuse box and 12 V battery:

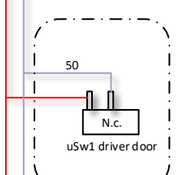


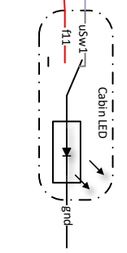
MCU:



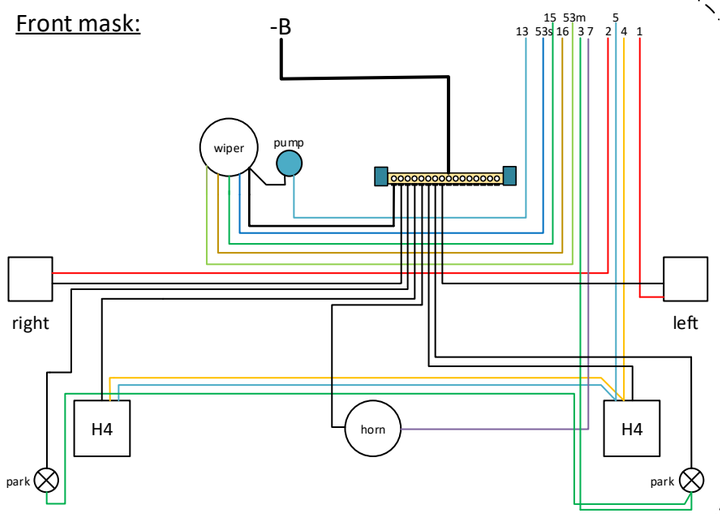
Steering wheel:

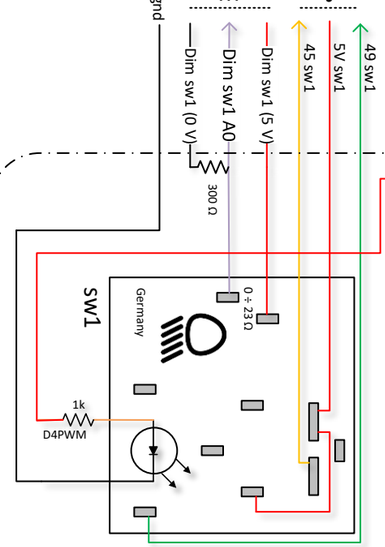


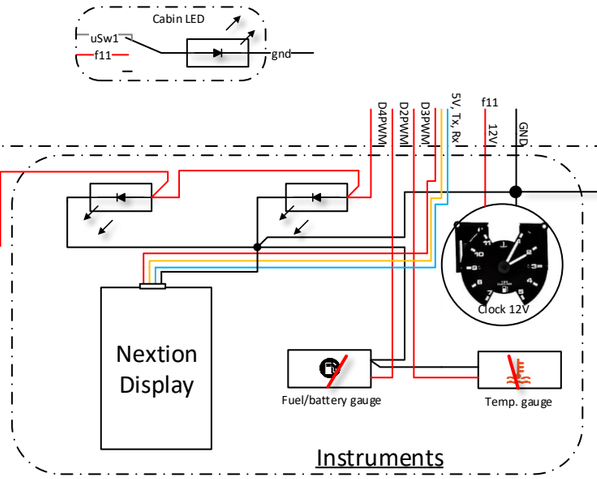




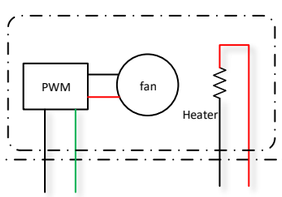
Front mask:

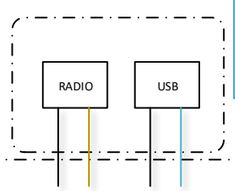


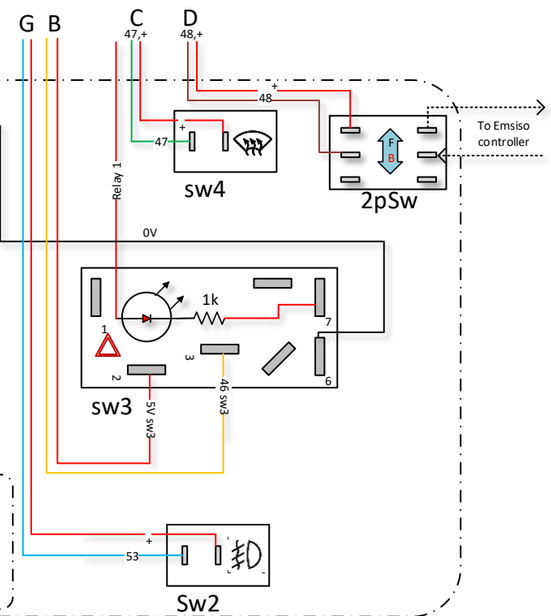


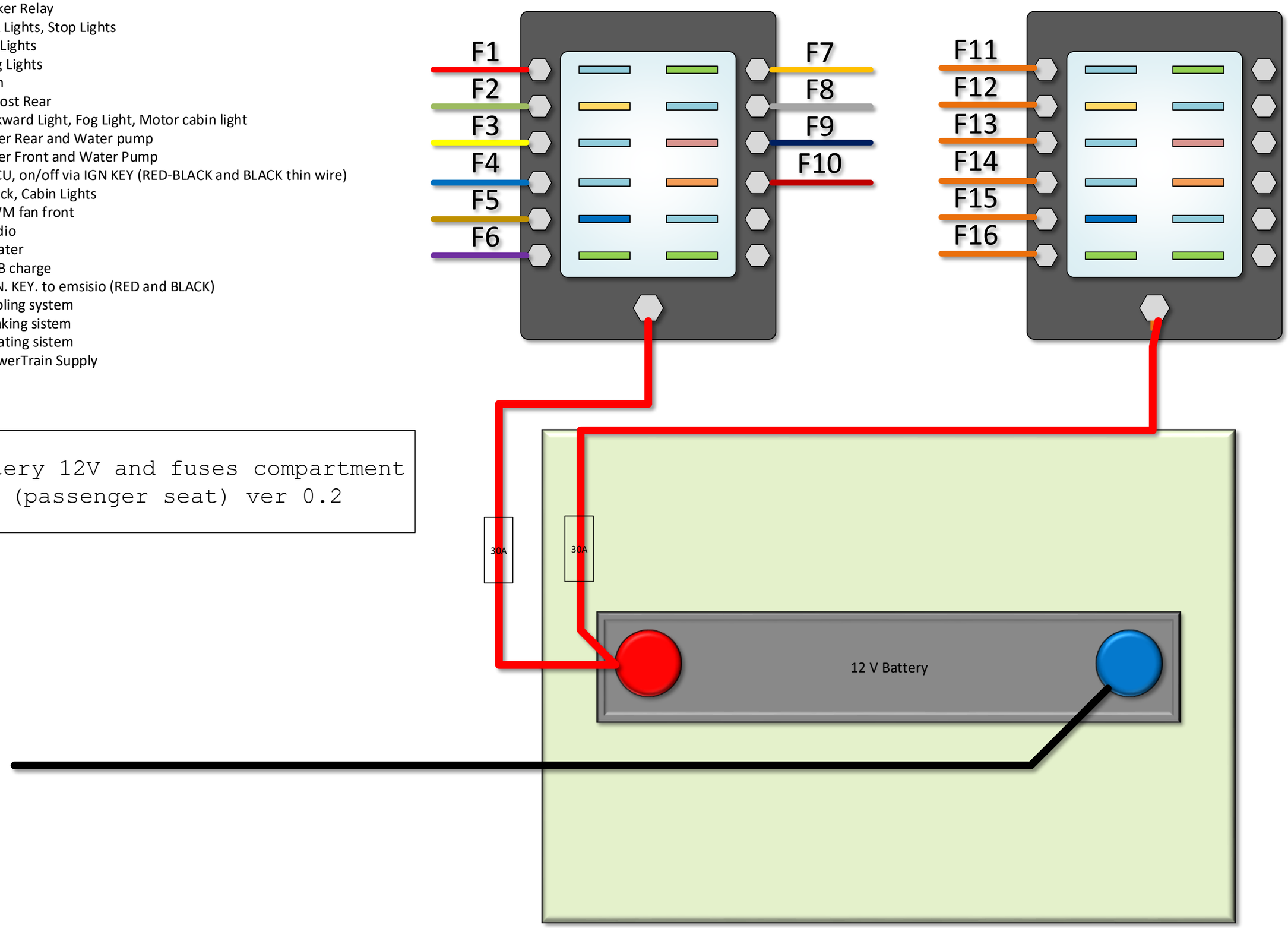


Dashboard







F1 – Blinker Relay
F2 – Park Lights, Stop Lights
F3 – Day Lights
F4 – Long Lights
F5 – Horn
F6 – Defrost Rear
F7 – Backward Light, Fog Light, Motor cabin light
F8 – Wiper Rear and Water pump
F9 – Wiper Front and Water Pump
F10 – MCU, on/off via IGN KEY (RED-BLACK and BLACK thin wire)
F11 – Clock, Cabin Lights
F12 – PWM fan front
F13 – Radio
F14 – Heater
F15 – USB charge
F16 – IGN. KEY. to emsisio (RED and BLACK)
F17 – cooling system
F18 – Braking sistem
F19 – Heating sistem
F20 – PowerTrain Supply

Battery 12V and fuses compartment (passenger seat) ver 0.2