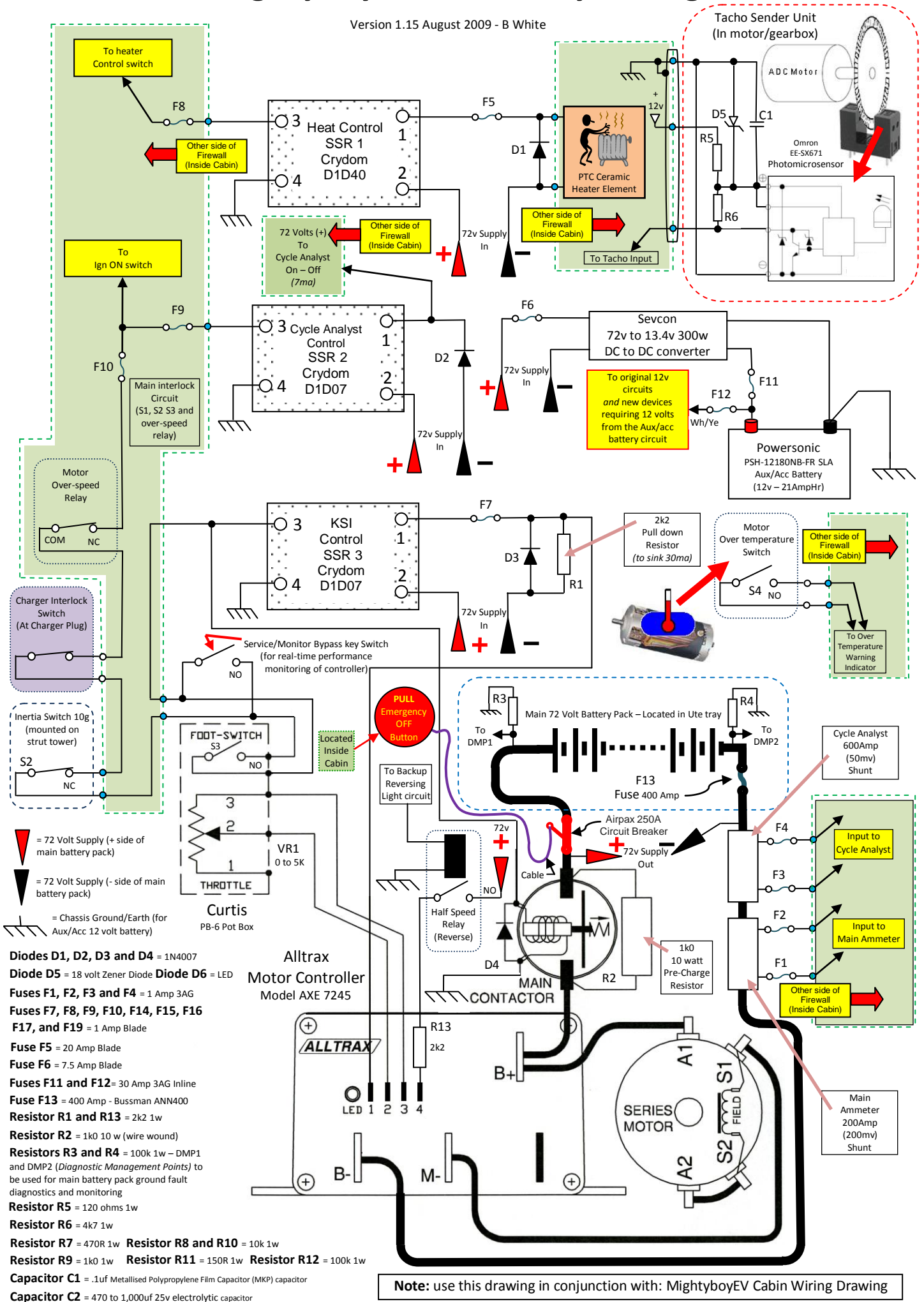


# MightyboyEV Motor Bay Wiring

Version 1.15 August 2009 - B White



- Diodes D1, D2, D3 and D4** = 1N4007
- Diode D5** = 18 volt Zener Diode **Diode D6** = LED
- Fuses F1, F2, F3 and F4** = 1 Amp 3AG
- Fuses F7, F8, F9, F10, F14, F15, F16 F17, and F19** = 1 Amp Blade
- Fuse F5** = 20 Amp Blade
- Fuse F6** = 7.5 Amp Blade
- Fuses F11 and F12** = 30 Amp 3AG Inline
- Fuse F13** = 400 Amp - Bussman ANN400
- Resistor R1 and R13** = 2k2 1w
- Resistor R2** = 1k0 10 w (wire wound)
- Resistors R3 and R4** = 100k 1w - DMP1 and DMP2 (Diagnostic Management Points) to be used for main battery pack ground fault diagnostics and monitoring
- Resistor R5** = 120 ohms 1w
- Resistor R6** = 4k7 1w
- Resistor R7** = 470R 1w **Resistor R8 and R10** = 10k 1k w
- Resistor R9** = 1k0 1w **Resistor R11** = 150R 1w **Resistor R12** = 100k 1w
- Capacitor C1** = .1uf Metallised Polypropylene Film (MKP) capacitor
- Capacitor C2** = 470 to 1,000uf 25v electrolytic capacitor

**Note:** use this drawing in conjunction with: MightyboyEV Cabin Wiring Drawing