

SYNTHIAM

Electronic Assembly Notes

E-04 and E-14 Power Harnesses Rev 2



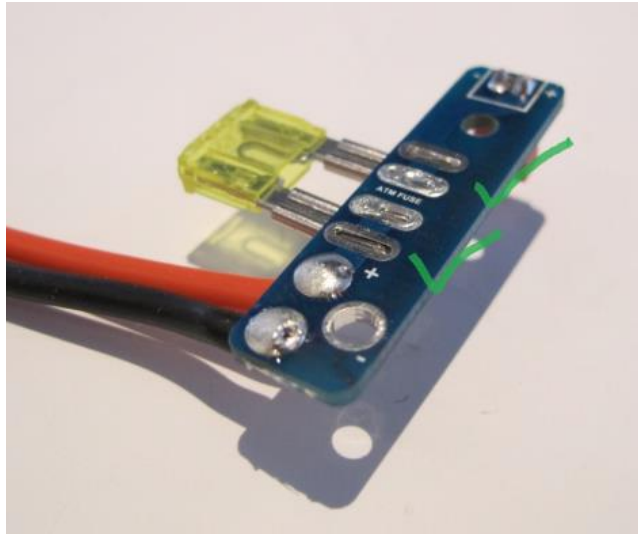
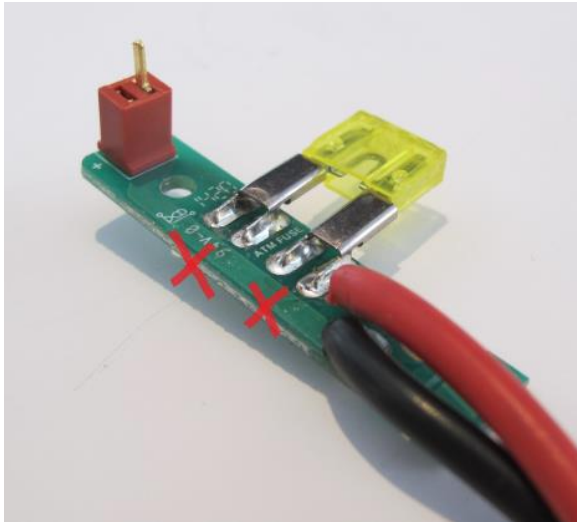
E-04



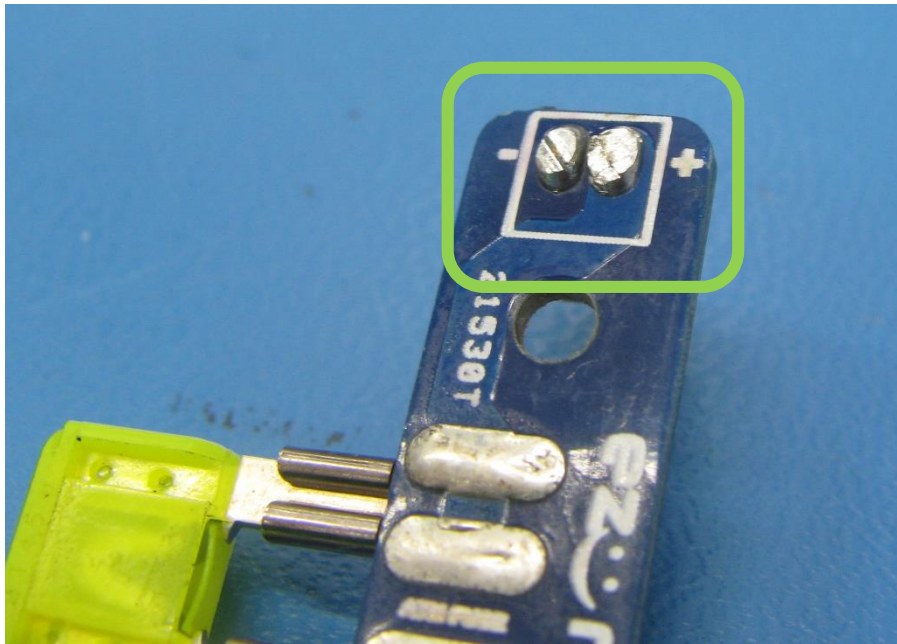
E-14



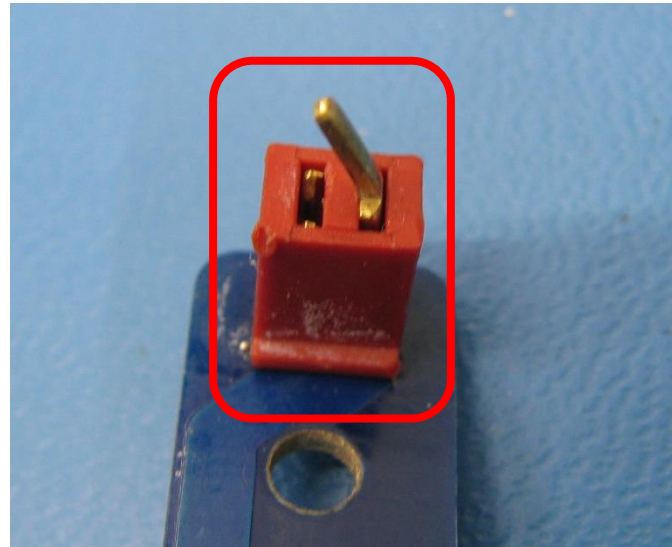
Note 1. Fuse holders C-046 should sit snug to the PCB, but in order for this to happen the fuse C-052 doesn't get pushed all the way down in the fuse holders.



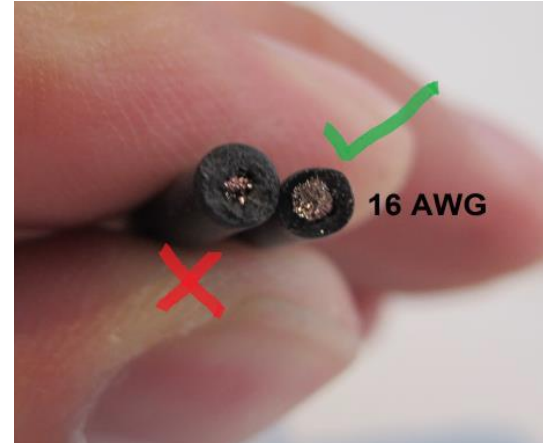
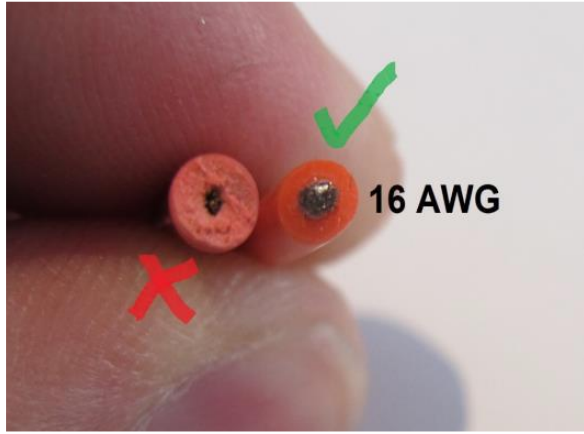
Note 2. Extra PCB bits need to be broken off and the fuse holders [C-046] must get pushed all the way down into the slots. The bad example has the holders soldered above the slots.



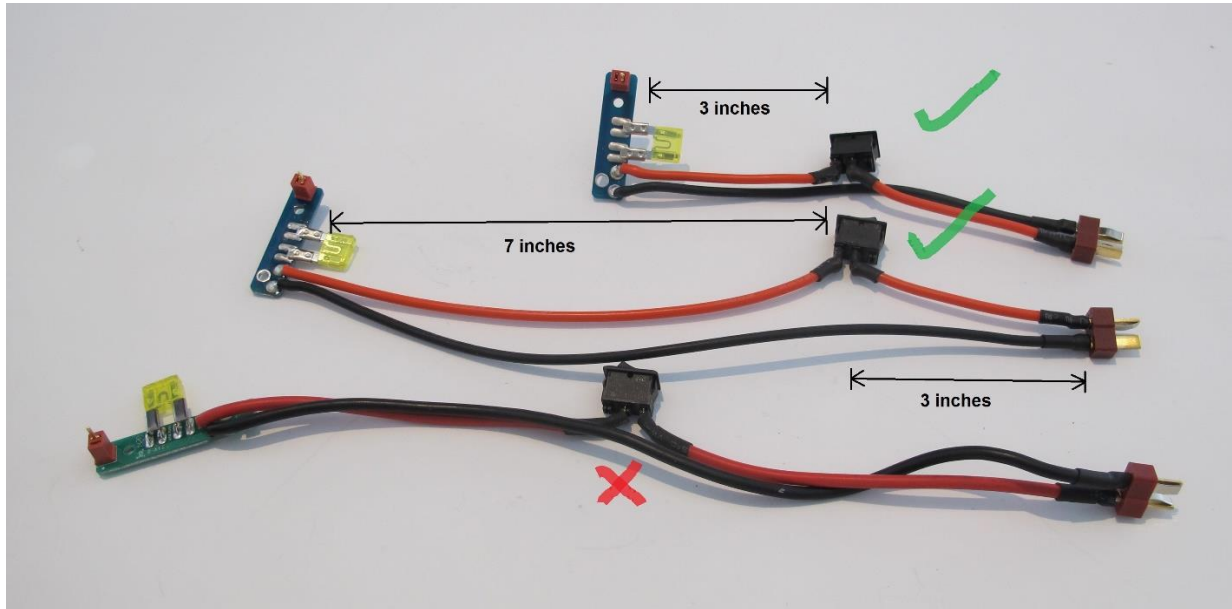
Note 3. The C-007 micro deans connector pins on the top side of the PCB must be trimmed with a side cutter.



Note 4. The C-007 micro deans connector must be in the correct orientation and the pin must not be bent. A bent pin will prevent power from getting to the EZ-B.



Note 5. C-047 and C-048 Red and Black silicone wire should be **16AWG** not 20AWG. The wire diameter itself is too small. The insulation of the wire must be ~3mm, not 3.5mm.



Note 6. The C-050 Switch must be installed at ~3 inches from the Male Deans connector C-049 on both E-04 and E-14. For E-04 the power adapter PCB must be installed ~3 inches away from C-050 Switch. For E-14 the power adapter PCB must be installed ~7 inches away from C-050 Switch.