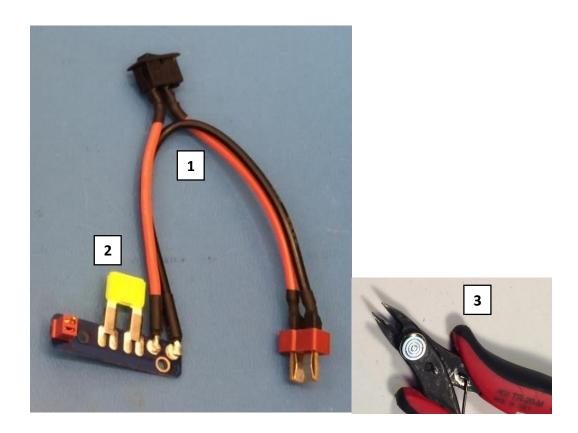
SYNTHIAM

Electronic Assembly Notes

[E-04] Power Harnesses Rev 3



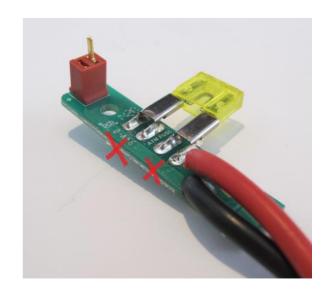
Parts & Tools

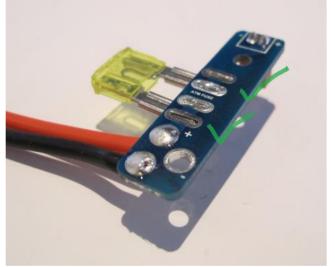
#	Qty	Name
1	1	E-04 Power Harness
2	1	Automotive fuse 20A ATM fuse
3	1	Side Cutters



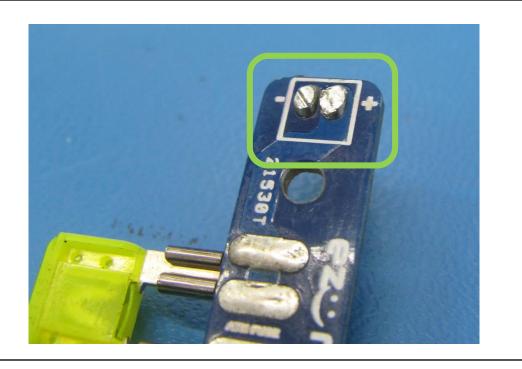


Note 1. The fuse is not pushed all the way to the bottom of the fuse holders to allow for a flush fit on the PCB

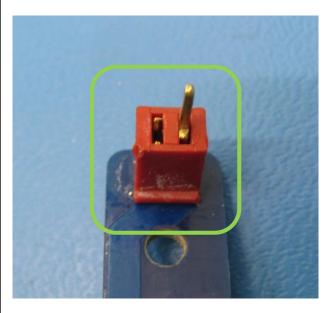


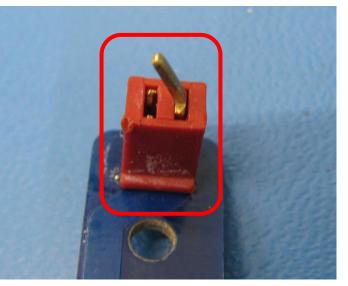


Note 2. The fuse + fuse holders should be installed on the bottom side of the PCB and should sit flush

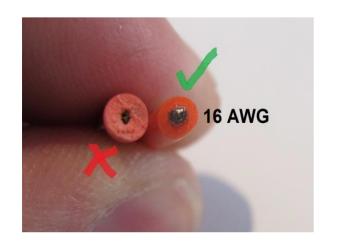


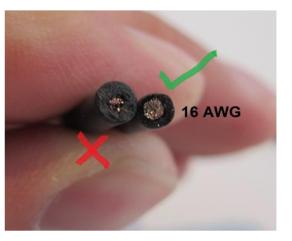
Note 3. The micro deans connector pins on the top side of the PCB must be trimmed with a pair of side cutters



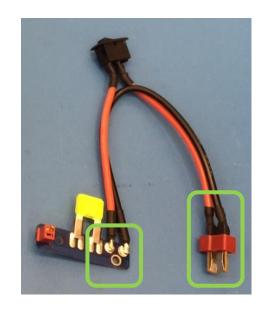


Note 4. The micro deans connector must be in the correct orientation and the pin must be straight (not bent)





Note 5. The Red and Black silicone wire is **16AWG** not 20AWG







Note 6. Note the Red and Black wire positions on the PCB and at the Deans connector

IMPORTANT Correct polarity is very important!