

# Thumper

## DC Battery Charger Wiring Loom

Includes:

- 2 x Positive cables with pre-crimped 6mm lugs for Midi Fuse & pre-crimped 8mm joiners for DC connection
- 2 x Midi Fuse Holders
- 2 x Midi Fuses
- 3 x Additional 8mm joiners
- 4 x Red Heatshrink sleeves
- 1 x Earth Block
- 2 x CL10-6 Copper Lugs
- 2 x CL10-8 Copper Lugs
- 4 x Black Heatshrink sleeve

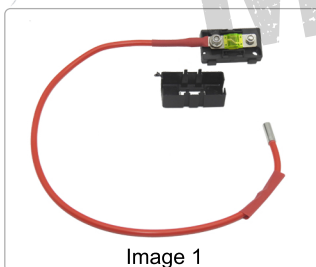


Image 1

### Connecting the RED ALTERNATOR cable from DC Charger:

Using one of the positive pre-made cables (Image 1), connect the pre-crimped 8mm terminal the Redarc DC charger's RED alternator input cable (Image 2).

Simply strip back the RED insulation on the DC charger cable and insert its copper strands into the provided 8mm lug and crimp, or solder, the connection. Once completed, slide the heatshrink over the 8mm lug to cover the connection and heat to shrink and protect the line.

The remaining side of the Midi Fuse holder (Image 4), will continue though to the positive connection of the vehicle starter battery. Simply crimp or solder the provided CL10-6 Copper lug (and heatshrink), and connect this lug to the remaining bolt on the first Midi Fuse Holder; this line will feed through to the positive terminal of the main start battery.

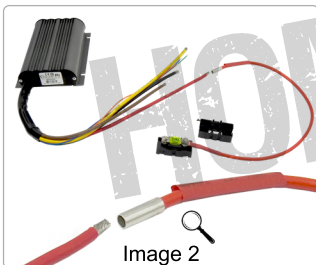


Image 2

*Note: The length of cable to feed to the MAIN battery is not provided in this wiring loom and is available as an optional extra for purchase. Recommended cable gauge is 8mm / 8B&S for the 25A DC Charger / or 13.5mm / 6B&S for the 40Amp DC Charger*

### Connecting the AUX Brown cable from DC Charger:

Using the second positive pre-made cable (Image 1), connect the pre-crimped 8mm terminal to the Redarc DC charger's BROWN wire (Image 3).

Simply strip back the BROWN insulation on the DC charger cable and insert its copper strands into the 8mm lug and crimp, or solder, the connection. Once completed, slide the heatshrink over the 8mm lug to cover the connection and heat to shrink and protect the line.

The remaining side of the Midi Fuse holder (Image 4), will continue though to the positive connection of the AUX battery. Simply crimp or solder the provided CL10-6 Copper lug (and heatshrink), and connect this lug to the remaining bolt on the second Midi Fuse Holder; this line will feed through to the positive terminal of the AUX battery.

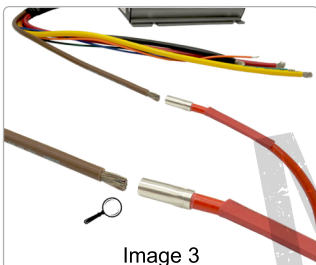


Image 3

*Note: The length of cable to feed to the AUX battery is not provided in this wiring loom and is available as an optional extra for purchase. Recommended cable gauge is 8mm / 8B&S for the 25A DC Charger / or 13.5mm / 6B&S for the 40Amp DC Charger*



Image 4

### Connecting the Earth terminal for the COMMON EARTH

Slide the Black heatshrink along the earth cable of the DC charger and crimp / solder the provided CL10-8 Copper Lug. Heat shrink the black shrink wrap. Connect this newly fitted 8mm eyelet to the Earth block provided. This connection is now a common earth to allow you to run a negative to the main battery / AUX battery and solar.



Image 5

*Note: No further cables are provided for the earth connection but are available for purchase as an optional extra Recommended cable gauge is 8mm / 8B&S for the 25A DC Charger / or 13.5mm / 6B&S for the 40Amp DC Charger*