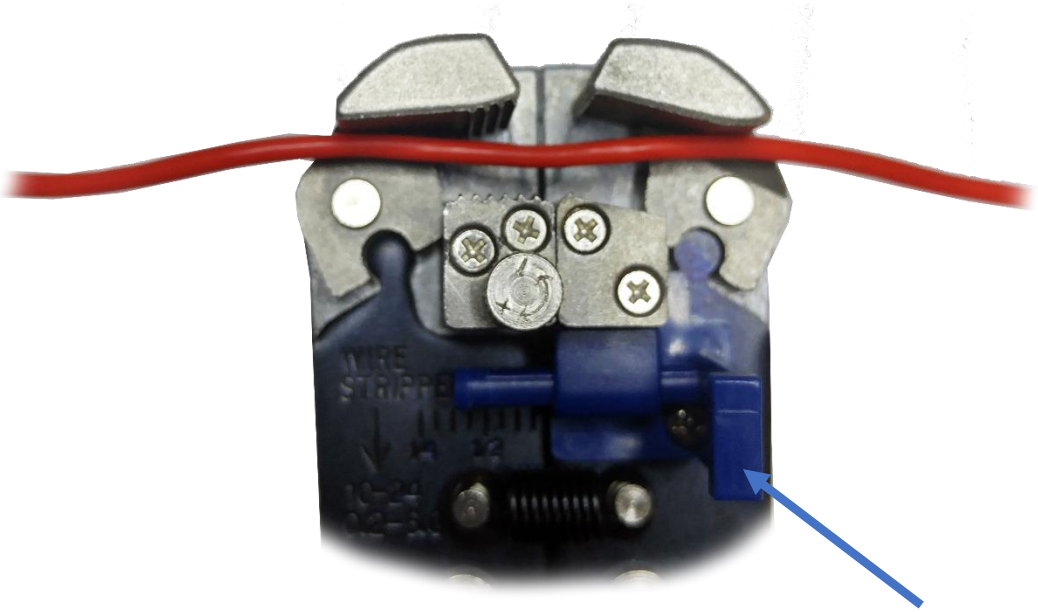
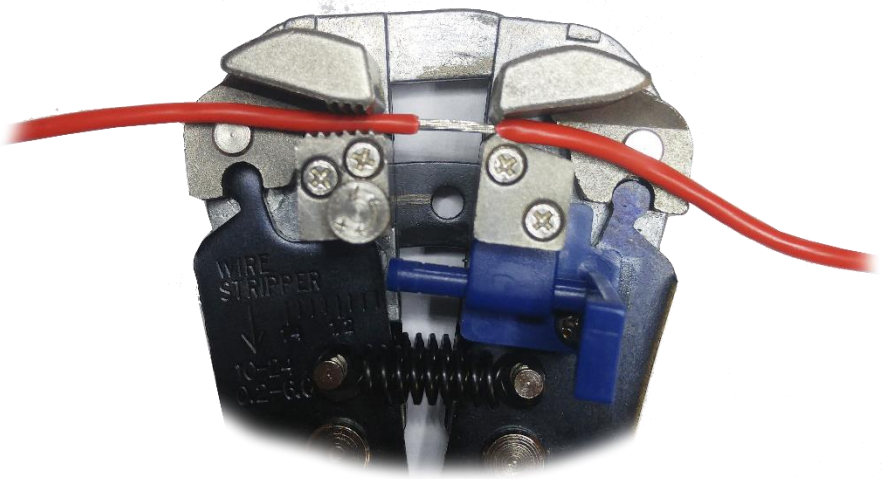
The Bus Wire Stripper, stripping bus wire and using tags

Stripping the insulation in the middle of a length of wire



Move the end-stop out of the way

DCT-BWS Bus Wire Stripper



Note: There is no severing then re-connection of the wire and this maintains conductivity (as opposed to cutting and joining).

Originally drawn for Paul H

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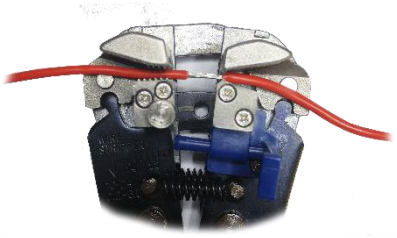
The Bus Wire Stripper, stripping bus wire and using tags

Stripping bus wire and using tags

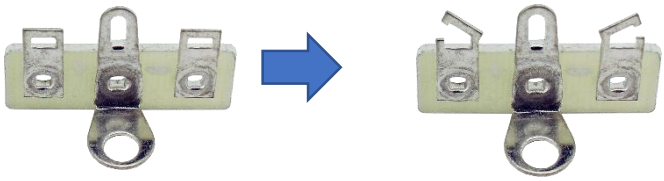
DCW-TW50-1.5 (or 2.5 or 3.5)
Twisted Bus Wire

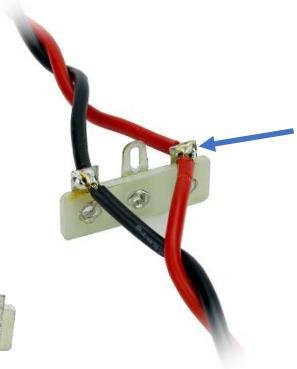


1. 'Part' the insulation as shown.
(So definitely no need to use 'chocolate block' connectors !!)

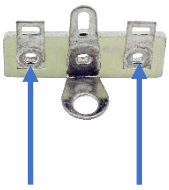
DCC-Tag25 or DCC-Tag50

2. Nibble a slot in the tags like this.





DCC-Tag25



3. The wires then slide into the tags and are soldered.
We recommend DCCconcepts DCS-SFNC Sapphire No-Clean Flux and DCS-S179 Sapphire 179 Solder (Super Versatile).

4. Dropper wires either *<u>from</u>* the track (or *<u>to</u>* a Cobalt iP Digital, Cobalt-SS or a Cobalt accessory decoder) are inserted into these (pre-tinned) holes and soldered. Dropper wires come in nine colours (e.g. DCW-DSRED50). This is very useful for colour coding to help make any troubleshooting easier. The BWS can also strip dropper wires.

5. Secure the tag to the baseboard (a #4 Wood Screw is ideal).

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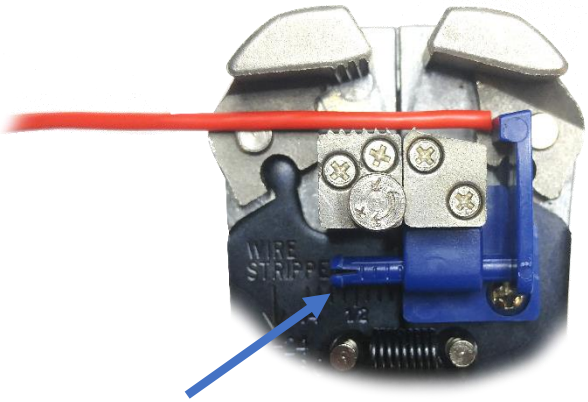
The Bus Wire Stripper, stripping bus wire and using tags

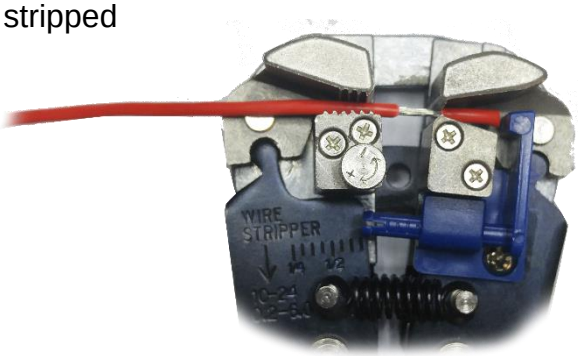
Stripping insulation off the end of wire

Wire cutter

Crimps for connectors



Set the blue end-stop position to determine length of insulation to be stripped



Tip 1: Twist the insulation as you slide it off.

Tip 2: Several wires can be stripped simultaneously!

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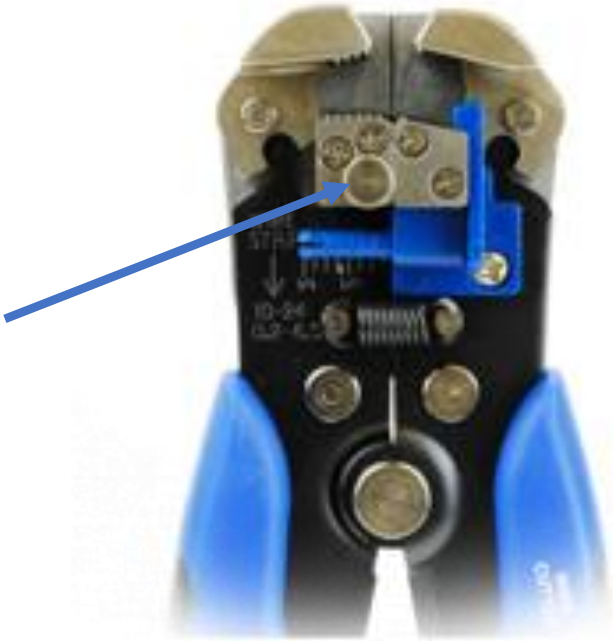
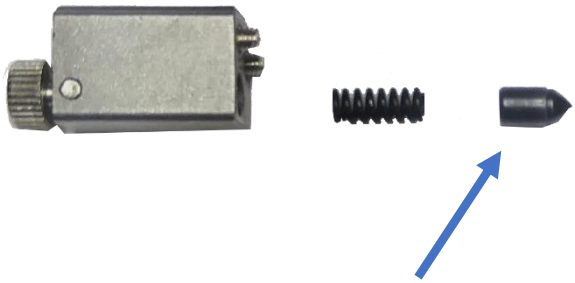
20190524

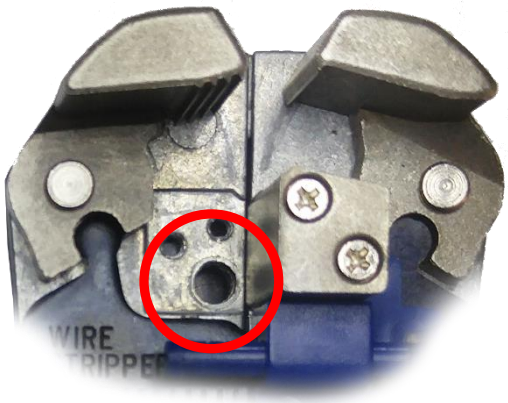
The Bus Wire Stripper, stripping bus wire and using tags

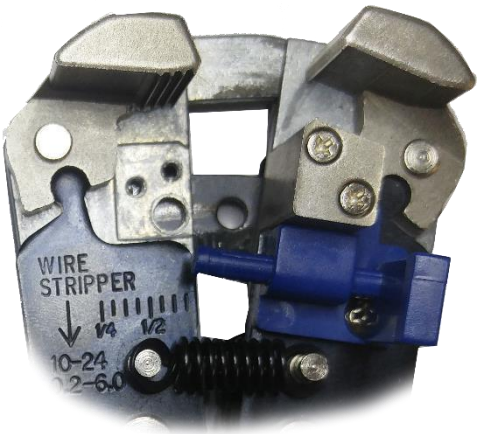
Stripping fine wire



This dial adjusts spring pressure on a detent pin that engages within a recess when the BWS is in the closed position







The pin holds the jaws in the closed position. Adjusting the dial anti-clockwise reduces the pressure of this detent pin and so reduces any “snatch” when the jaws are opened, This could move very thin wire off the end-stop and so create inaccuracies when severing the insulation from the end of a wire.

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