

Cage Panel Connections Reduction

Instruction No.: SP85_CI02

Product: SP85

Operation: Rewire CH1, CH2, CA1 & CA2 on the cage console PCB

Health & Safety Considerations:



Standard Practices Only

Tools Required: Pozi-screwdriver (PH-2), Terminal Screwdriver, Flush Cutters, Wire Strippers, Crimp Tool

Consumables Required: Red Butt Splice Crimps, 4.6x200mm Cable Ties

Parts Required: None

Notes/Other References:

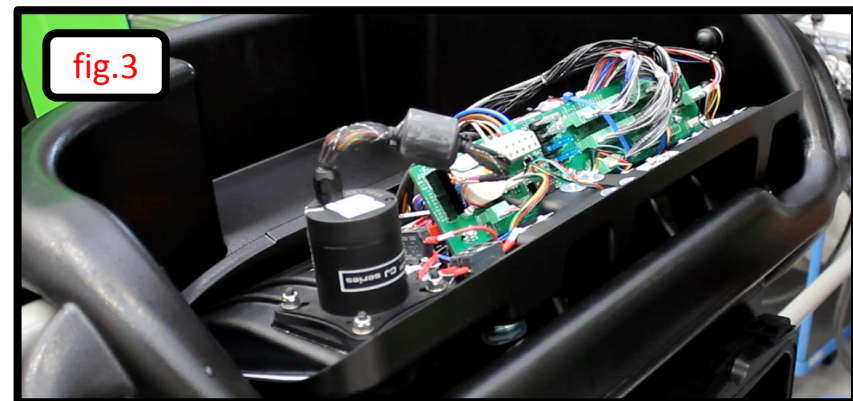
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All update activities should be carried out by a competent MEWP service technician adhering to standard health and safety practices.

Whilst every effort has been made to include all information and details required to facilitate the mentioned updates should you have any queries contact the Niftylift Service department via service@niftylift.com.

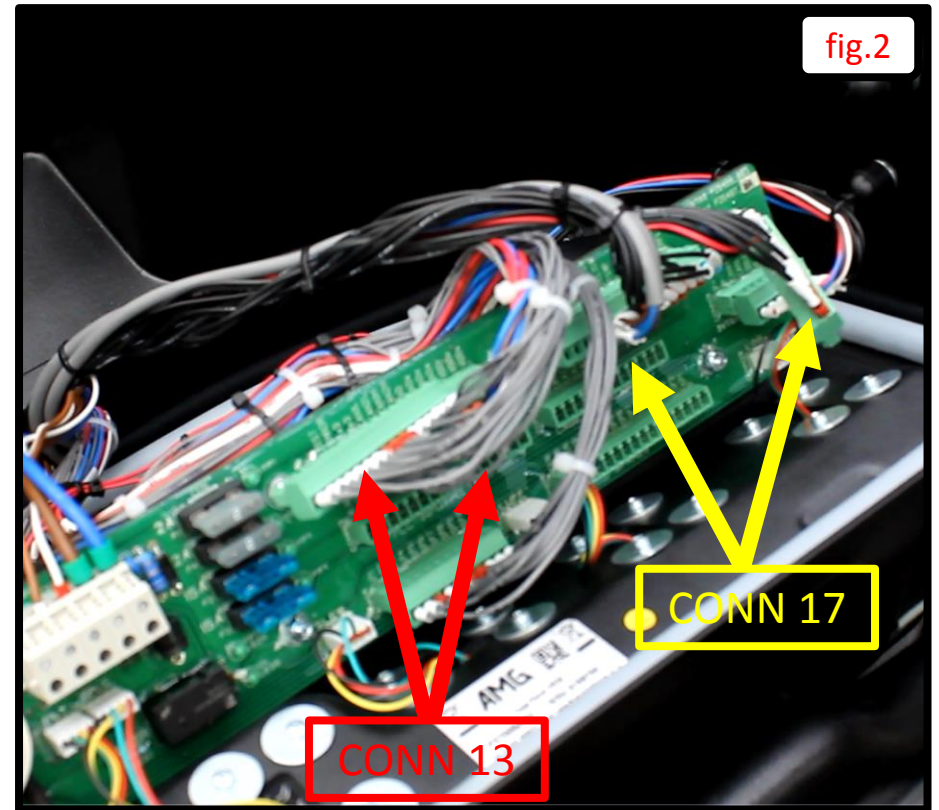
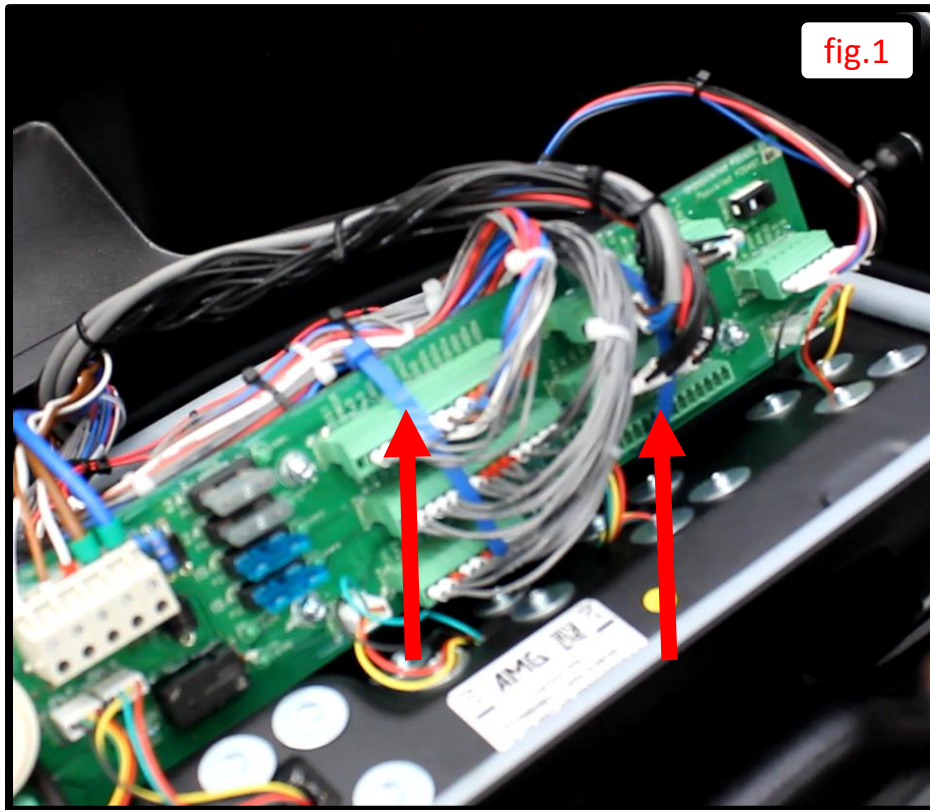
1. Gain access to the cage console PCB.

Using a PH-2 Pozi screwdriver remove the console lid by unscrewing the 6x fastening bolts (fig.1 & fig.2), and flip the console panel over to expose the PCB board (fig.3).



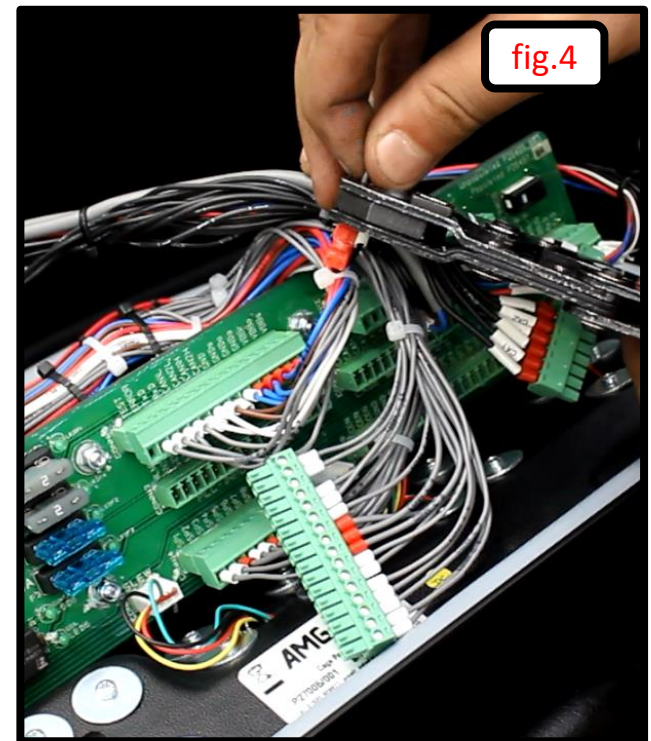
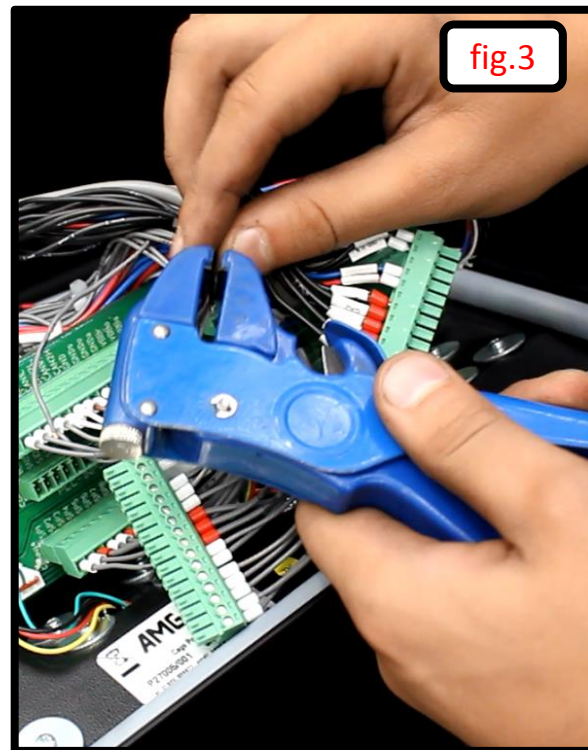
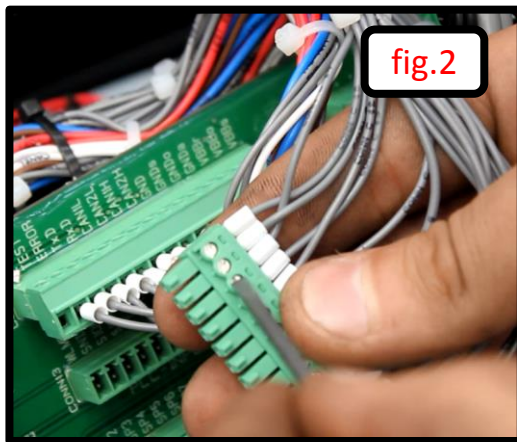
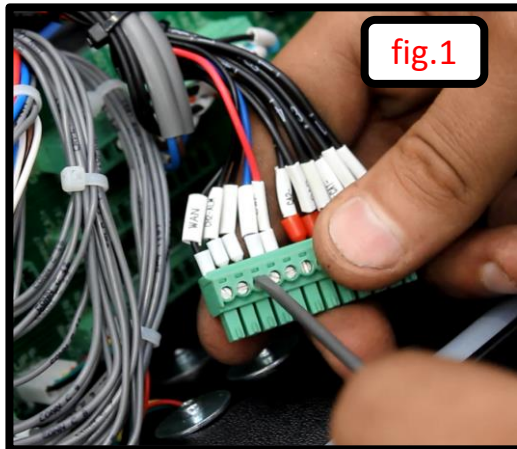
2. Remove CONN 17 & CONN 13.

Cut both of the connector tie down cable ties (fig.1) .Remove CONN17 & CONN 13 from the PCB (fig.2).



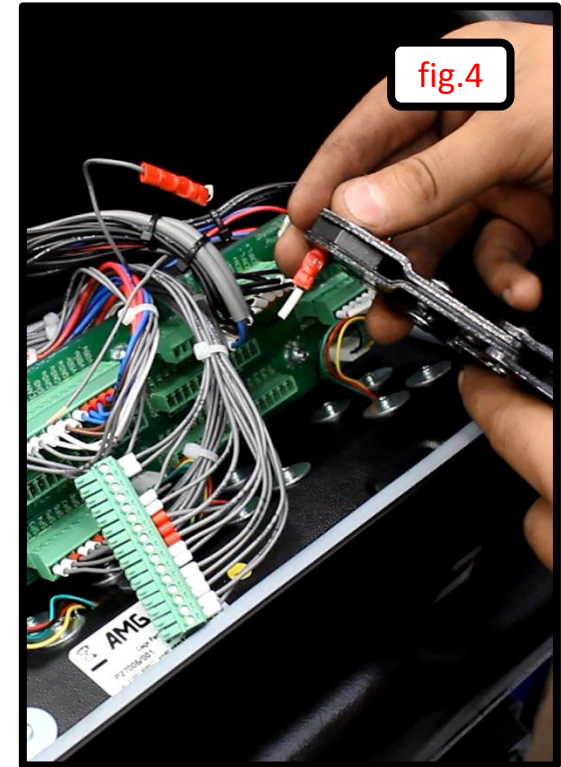
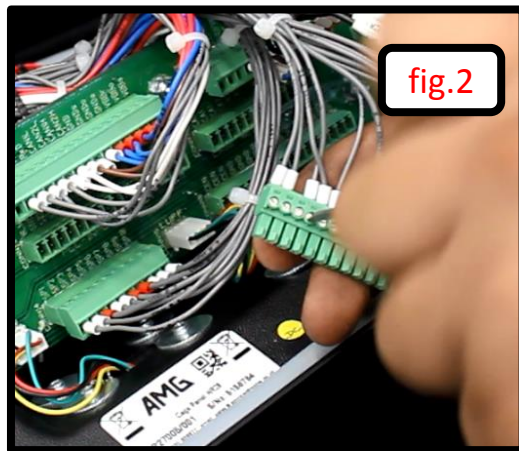
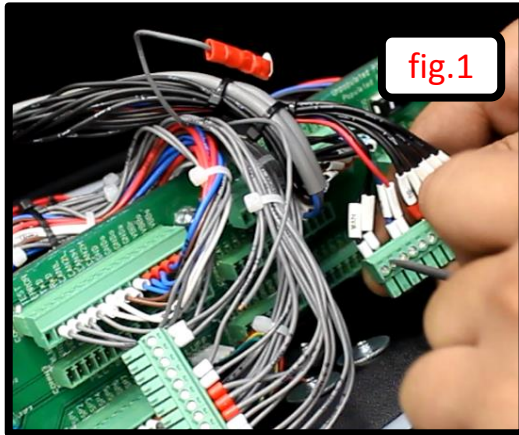
3. Join CH1 from CONN 17 & CONN 13 together.

Remove CH1-EN from CONN 17 (3rd in from the left) (fig.1) & CH1 CONN 13 (3rd in from the left) (fig.2) . Cut off the ferrules on each and strip the cable ends (fig.3) then butt crimp together (fig.4).



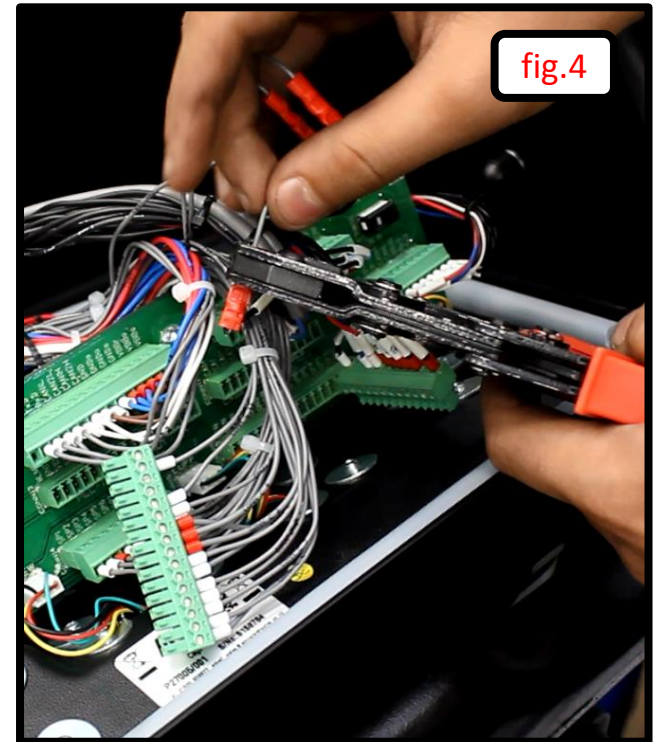
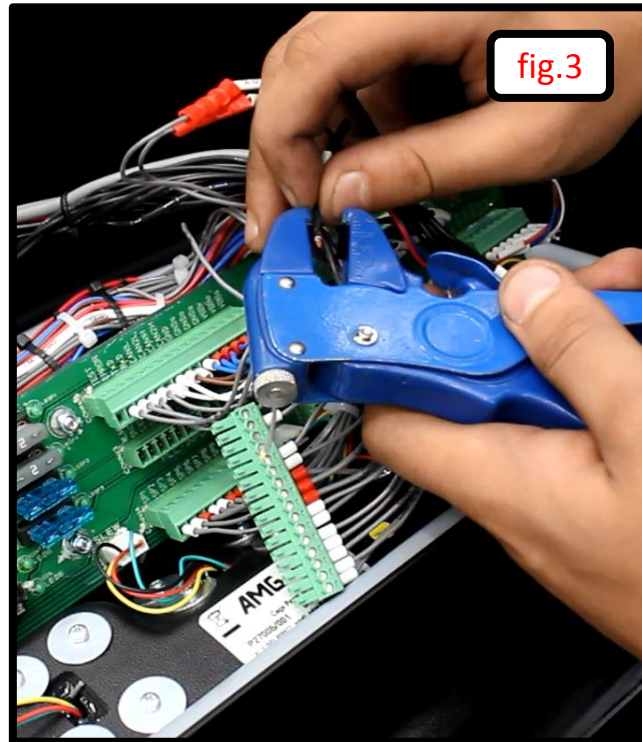
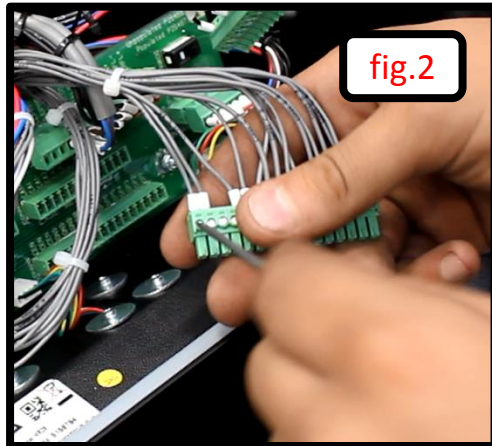
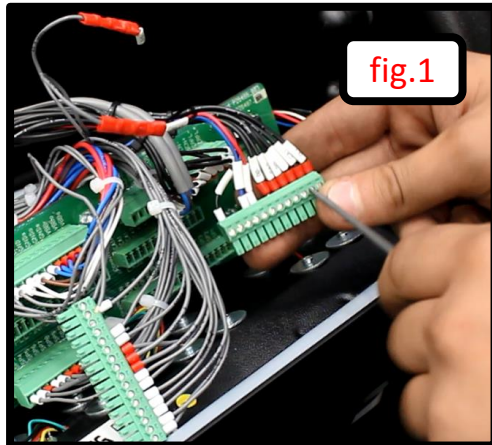
4. Join CH2 from CONN 17 & CONN 13 together.

Remove CH2-ALM from CONN 17 (2nd in from the left) (fig.1) & CONN 13 (4th in from the left) (fig.2) . Cut off the ferrules on each and strip the cable ends (fig.3) then butt crimp together (fig.4).



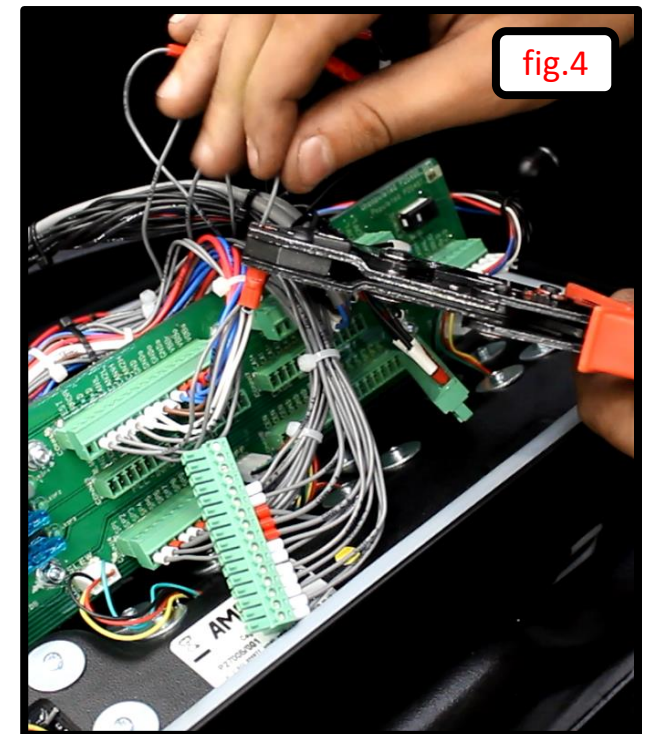
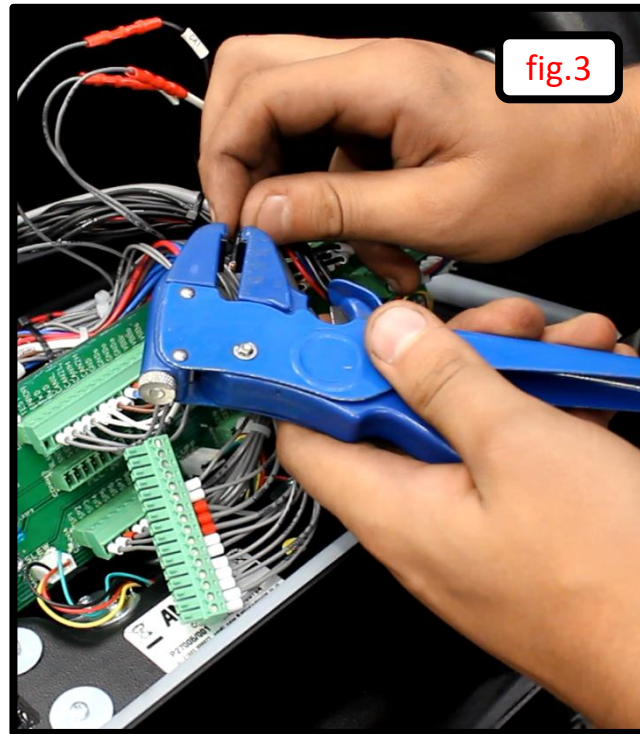
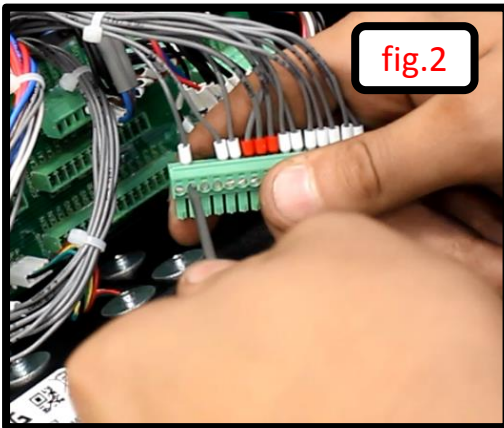
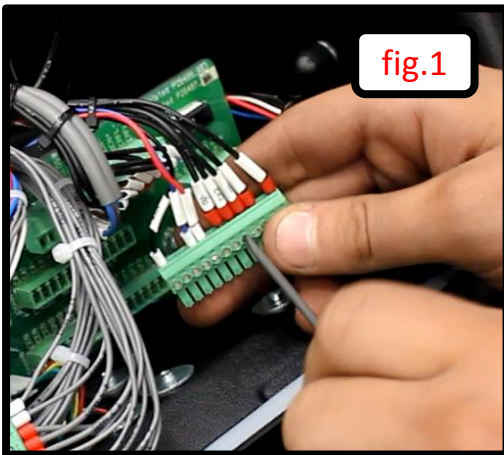
5. Join CA1 from CONN 17 & CONN 13 together.

Remove CA1 from CONN 17 (2nd in from the right) (fig.1) & CONN 13 (1st in from the left) (fig.2) . Cut off the ferrules on each and strip the cable ends (fig.3) then butt crimp together (fig.4).



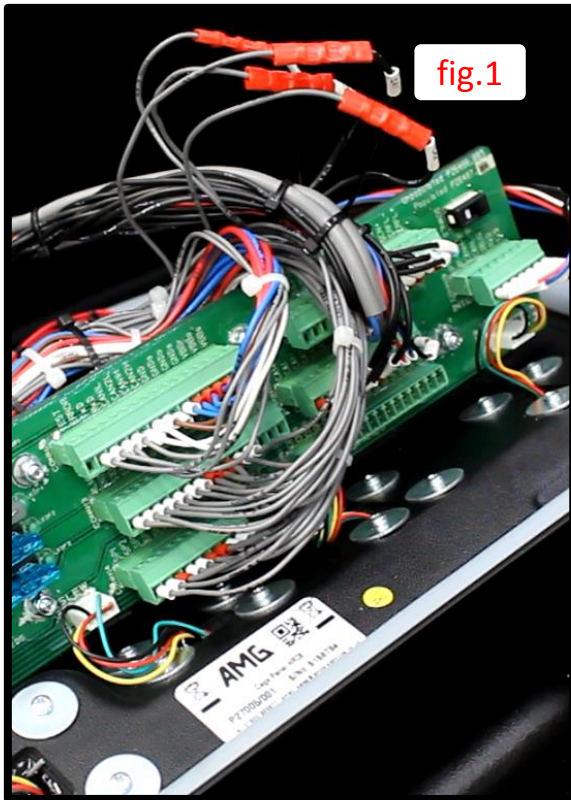
6. Join CA2 from CONN 17 & CONN 13 together.

Remove CA2 from CONN 17 (4th in from the right) (fig.1) & CONN 13 (2nd in from the left) (fig.2) . Cut off the ferrules on each (fig.3) and butt crimp together (fig.4).



7. Reconnect the cage console PCB.

Plug CONN 17 & CONN 13 back into the PCB (fig.1) . Secure the 4 new connections together with cable ties (fig.2) and replace the 2 cable ties that secured CONN17 & CONN 13 in place (fig.3).



8. Reassemble the cage console.

Flip the console panel back over to into position (fig.1). Line up the 6x fastening bolts (fig.2) and using a PH-2 Pozi screwdriver secure the console lid back onto the cage console (fig.3),

