



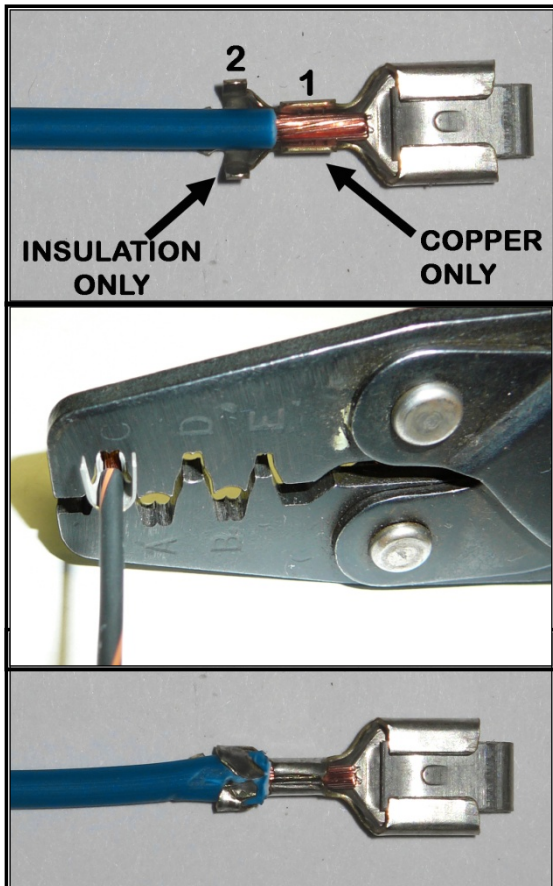
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# 30730

## UNIVERSAL CONVERTIBLE HARNESS INSTALLATION INSTRUCTIONS

- 1) Mount the circuit breaker in a convenient location as close to the battery source as possible.
- 2) Using a small ring terminal and heat shrink, connect the orange wire to one side of the circuit breaker. Take the other end of the orange wire and neatly route it to the battery source.
- 3) Using an appropriate ring terminal, cut to length and connect the orange wire to your designated battery source.
- 4) Using a supplied small ring terminal and heat shrink, connect the remaining length of orange wire to the circuit breaker.
- 5) Neatly route the other end of the orange wire to your convertible top switch and cut it to length.
- 6) Using either a ring terminal and heat shrink or female spade terminal, connect the orange wire to your convertible top switch.
- 7) Locate the red wire along with the yellow wire, connect them to their respective terminals on the convertible top switch.
- 8) Following the factory routing or a suitable substitute, route the red and yellow wires to your convertible top motor.
- 9) Use either your factory connector, included butt splices, or the supplied 2 way connector to make the connection at the electric motor. (Follow the instructions on the next page if you are using the supplied connector.)

## **INSTALLING 2 PIN CONNECTOR**



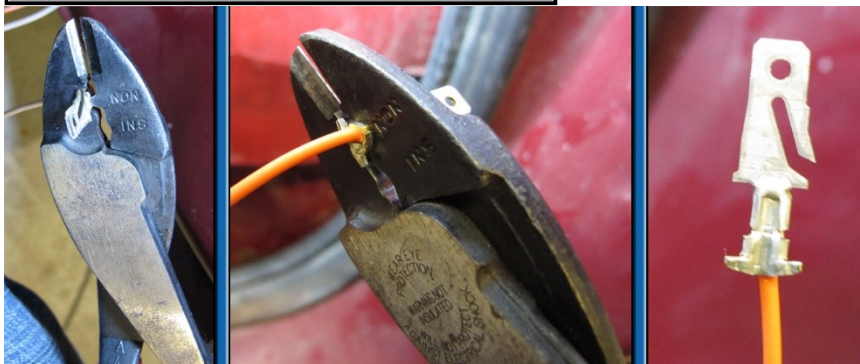
In the parts bag, you will see different uninsulated male and female terminals. These terminals are for replacing the factory connector and require rollover crimpers.

- Strip about 1/4" of insulation off the wire.
- Insert the wire into the terminal. There are

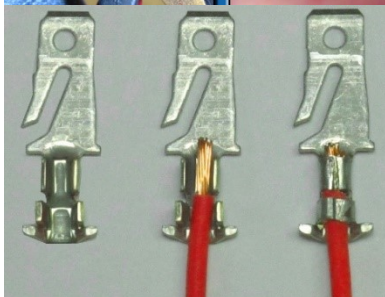
two terminal straps on the terminal. For instructional purposes, we will label them 1 and 2. Strap 1 crimps the exposed copper strands of the wire, while strap 2 crimps the wire insulation. make your strip length long enough to ensure only copper strands are crimped by strap 1 but short enough that only insulation is crimped by strap 2. The photo to the left best demonstrates this.

- Using the appropriate jaw on the crimpers, crimp strap 1. The appropriate jaw depends on the wire gauge as well as the terminal stiffness. If you are unsure which jaw to use,

you can always start with the biggest and work your way down until you get a tight crimp.

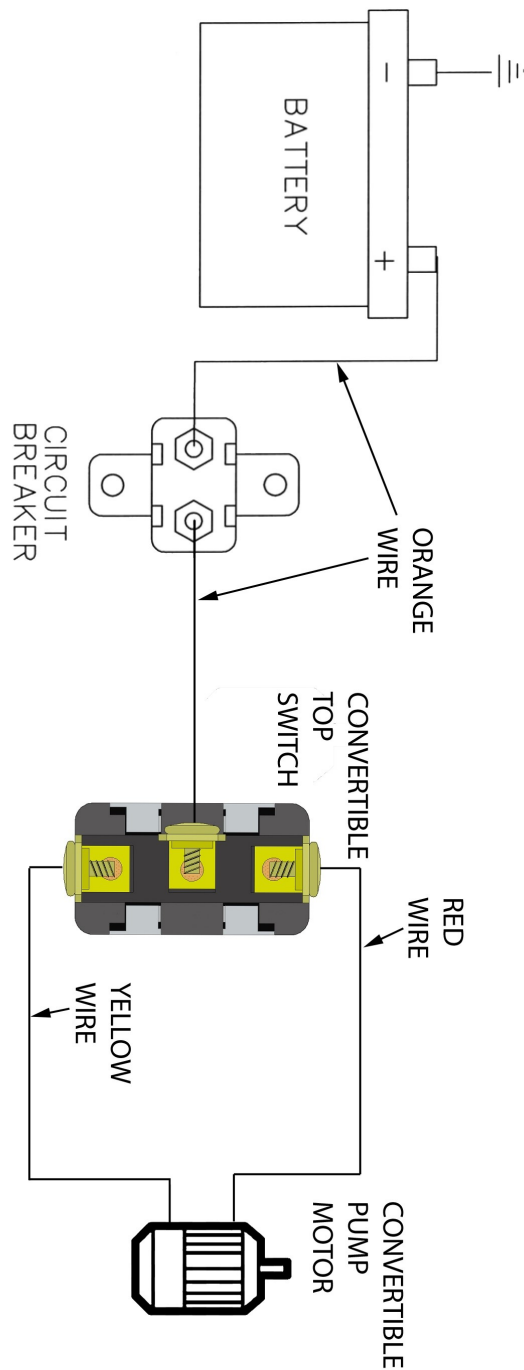


- With strap 1 crimped, move onto crimping the insulation strap, strap 2. Place strap 2 into the appropriate jaw of the crimpers. this jaw will be larger than the one used to crimp the first strap. crimp down on strap 2. Make sure the strap folds down into the wire and does not overlap itself. Refer to the drawing to the left. Overlapping could cause problems with the terminal fitting into the connector.



With all the terminals crimped insert the terminals in the connectors. Male terminal into female connector and female terminal into male connector.

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## Painless Performance Limited Warranty and Return Policy

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