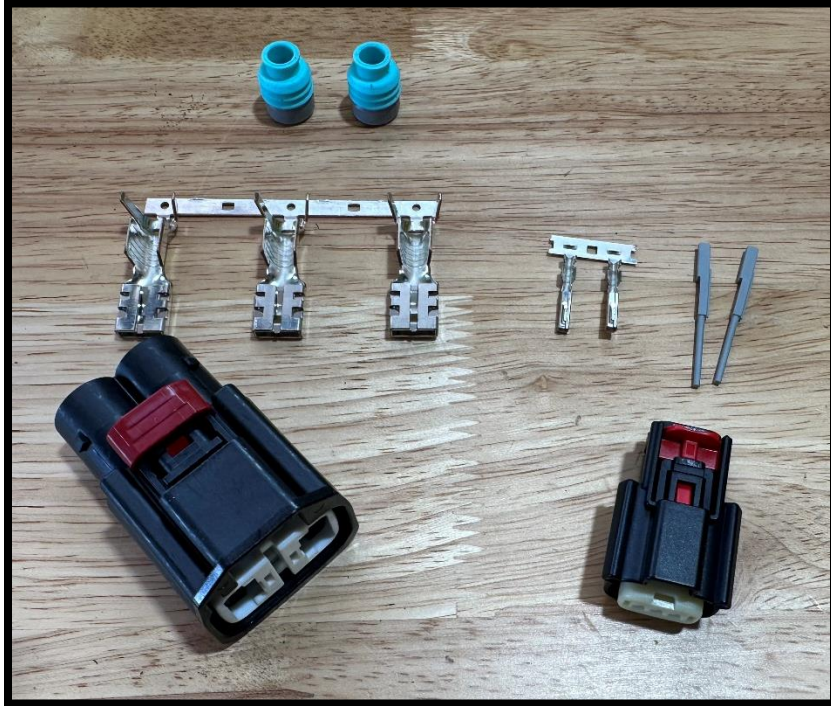


EPAS CONNECTOR INSTRUCTIONS

Begin by unpacking all components and making sure no parts are missing. If any parts are missing, please contact sales@range-industries.com and we will remedy the situation ASAP. See picture of all parts below:



The Basics:

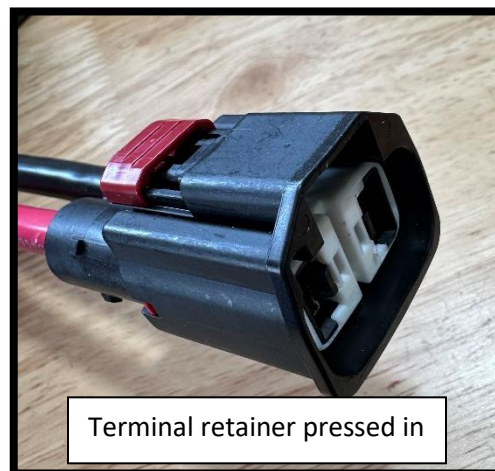
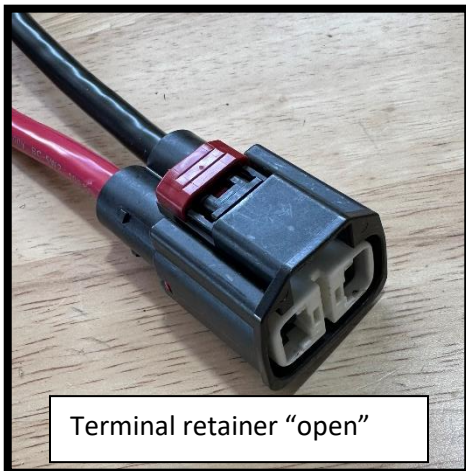
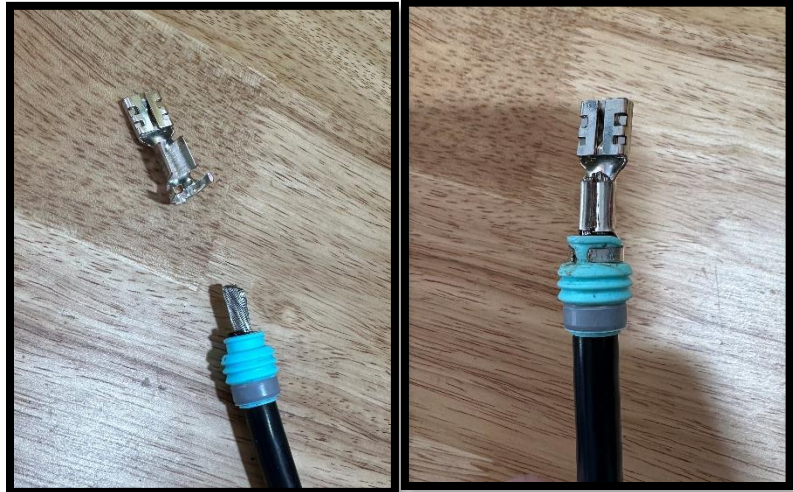
- Connect ground and power from the big connector through a fuse (OEM is 125 amps). Pin 1 ground, Pin 2 positive. Use 6 ga wire.
- Connect an ignition wire to pin 1 on the small connector with a 5 amp fuse. Use 16ga or 18ga wire
- Install blank pins (gray plastic) at 2 other positions to ensure connector is weather-tight.

Tools:

- The terminals are designed to be crimped. They are “open barrel”
- For the large terminals we use the IWISS IWS-5100A (amazon ~\$40) crimper
- For the small terminals we use IWISS IWS-1424A (amazon ~\$18) crimper
- You will also need wire cutters, strippers (or a razor blade), and needle nose pliers
- Alternatively, you could crimp with needle nose and solder the connections, but it might get messy.

Big Connector:

1. Cut and strip wire
2. Slide wire seal onto wire
3. Crimp terminal
4. Crimp wire
5. Crimp seal with needle nose
6. Make sure terminal retainer (white) on the connector body is not pressed in
7. Push terminals into connector body until bottomed and a slight click is heard.
8. Push in white retainer approx. 1/8" to lock the assembly in place
9. Done.



Small Connector

1. Cut and strip wire
2. Crimp wire
3. Crimp insulation
4. Make sure terminal retainer (white) on the connector body is not pressed in
5. Push plastic blank terminals and terminal with wire into connector until click (one at a time)
6. Push in white retainer approx. 1/8" to lock the assembly in place
7. Done.

