

Chevy Bolt EV EUV Fast Charging Port Light 2017-2023

Installation Instructions

TrickitOut.Etsy.com

TOOLS YOU WILL NEED:

2 to 3 ft fishing wire
10mm wrench
13mm deep socket ratchet
box cutter
flat head screwdriver
needle-nose pliers
electrician's tape

Check contents and test with 9-volt battery



Hang light ring assembly on charge door.



Separate wires from black wire loom



Hang loom from charge door.

Separate the gasket at the top to make an opening, using a flathead screwdriver.



Then open your car's hood.

Use a 14-gauge copper wire or similar, about 3 feet long, to fish through toward the engine compartment.



Bend wire as needed. Have a buddy catch with needle nose pliers.

Tape wire ends to 3 ft copper wire (not supplied)



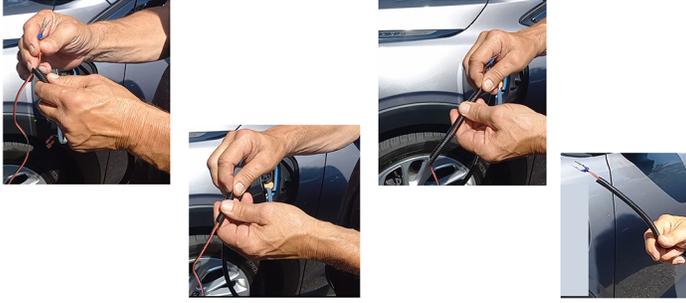
Be careful, make it as thin as possible.

Gently push wire as your buddy pulls from the engine, being careful not to damage the taped area.



Once the taped area is through, carefully remove the tape.

Feed the wire from the engine back through the loom, leaving the connects just sticking out of the charge port area.



Attach the quick connects to those in the light ring (pos/neg), by pushing and rocking the connects until they are seated. Then install light ring loosely from the bottom, stopping halfway up, with the connectors at the top.



Finish by pushing the disconnects behind the gasket. Then test the light at the opposite end, to see if it lights up.

Prepare to remove the battery, including all of the bolts and brackets holding it in place.



You'll need a 10mm wrench and a 13mm deep socket with a 12" extension.

Start by removing the top brace, and lay aside.



Remove the battery's positive connection, and cover the terminal with plastic or electrician's tape.



Then remove the negative connector.

Remove the bolts holding the battery, then remove the battery and set it aside.



Remove the CPU. Press the back clip with flat-head screwdriver to release, then pull straight up until free of cradle. It will still be connected. Leaving those connections in place, lay it to the side, just out of the way.



Remove the battery platform. First, feel around the outside, clockwise from the front and unsnap the pop-in connectors that are attached to it. Then use your 13mm socket and extension to remove the four bolts, being careful not to lose them! They are expensive to replace.

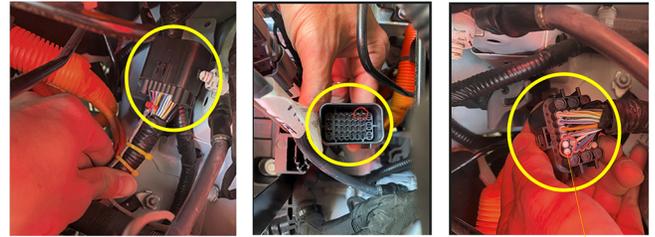
Bolt



Locate the 36 pin connector to the rear and below the battery.
Pop the cover off with your hand or flat-head screwdriver.



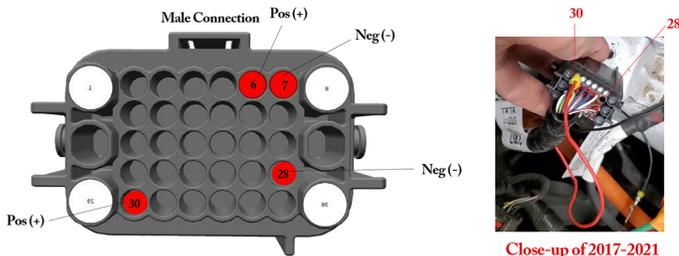
36 Pin Connector, Located To Rear and Below Battery



Views in the 2022 and 2023 Bolts, outside and inside.

6&7

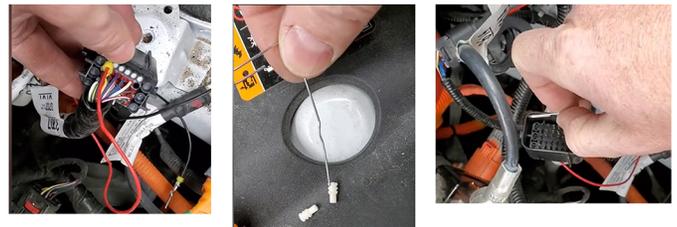
36 Pin Connector, Located To Rear and Below Battery



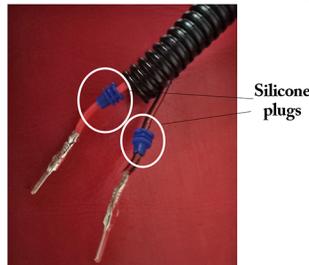
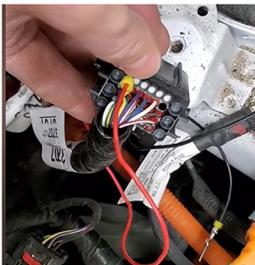
Close-up of 2017-2021 connector, showing 28 & 30.

Negative: Insert the BLACK terminal into cavity 7 for 2022-2023 models, 28 for 2017-2021 models
Positive: Insert the RED terminal into cavity 6 for 2022-2023 models, 30 for 2017-2021 models

To insert a wire, you will need to pop out the white channel plug in that spot. To do this, use a small paperclip or wire. Push from the opposite end.



Insert the positive and negative pins in the slots as shown in the diagram. If necessary, insert a toothpick to push the pin until even with other pins. Then push the silicone plug down to plug the opening, to keep the pin in place. Make sure the pin is in securely.



Silicone plugs

Wrap the entire bundle of wires once around with tape, then close the cap. Next, tape the small wire loom to the larger wire loom, butting up to the cap.



Insert the battery platform loosely, then feel around outside the platform, and reattach the pop-in connectors you popped out earlier. Then replace the bolts that hold down the battery platform.



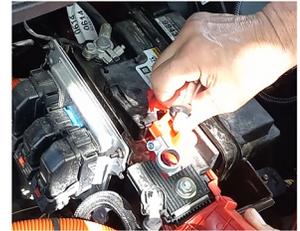
Insert the CPU in the slot.



Reinsert the battery.



**Remove the plastic/tape off the positive terminal.
Reattach the positive, then negative terminals.**



You should hear the battery come alive.

**Open the driver's door and close it,
then open the charge door to test the light.**



**Remove the negative, then the positive terminal on the battery.
Place the tape or plastic back on the positive terminal.
Then reattach the battery brace.**



**Reattach the negative connector, remove the tape or
plastic from the positive terminal, then reattach
the positive connector.**



**Secure the loom to other structures below and above the battery
compartment with zip ties and tuck behind the fuse center.**



**Get in the car and turn on the engine.
Follow the prompts on the display behind the steering wheel.
You can choose to have your light blink in unison
with the charge indicator light under the windshield
by choosing chirp or report. If you turn it off,
your light will turn off after a few seconds.**