

Rooftop Wiring Harness Installation

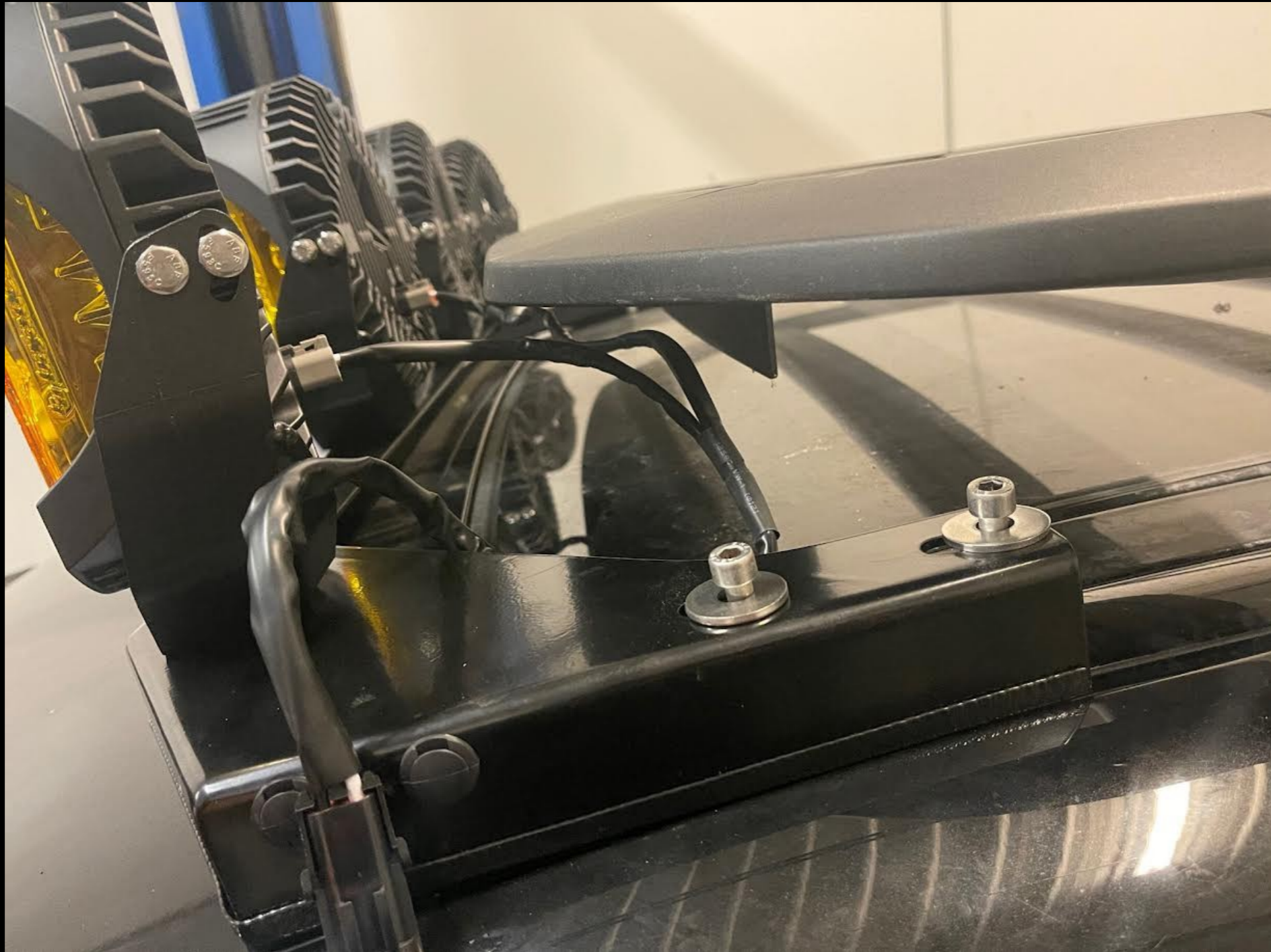


 **LUCKY8**
OFF ROAD EQUIPMENT

Locate two of these wiring harnesses.



Connect the two harness to the four lights leaving the feed wire connector exposed on each side as shown.

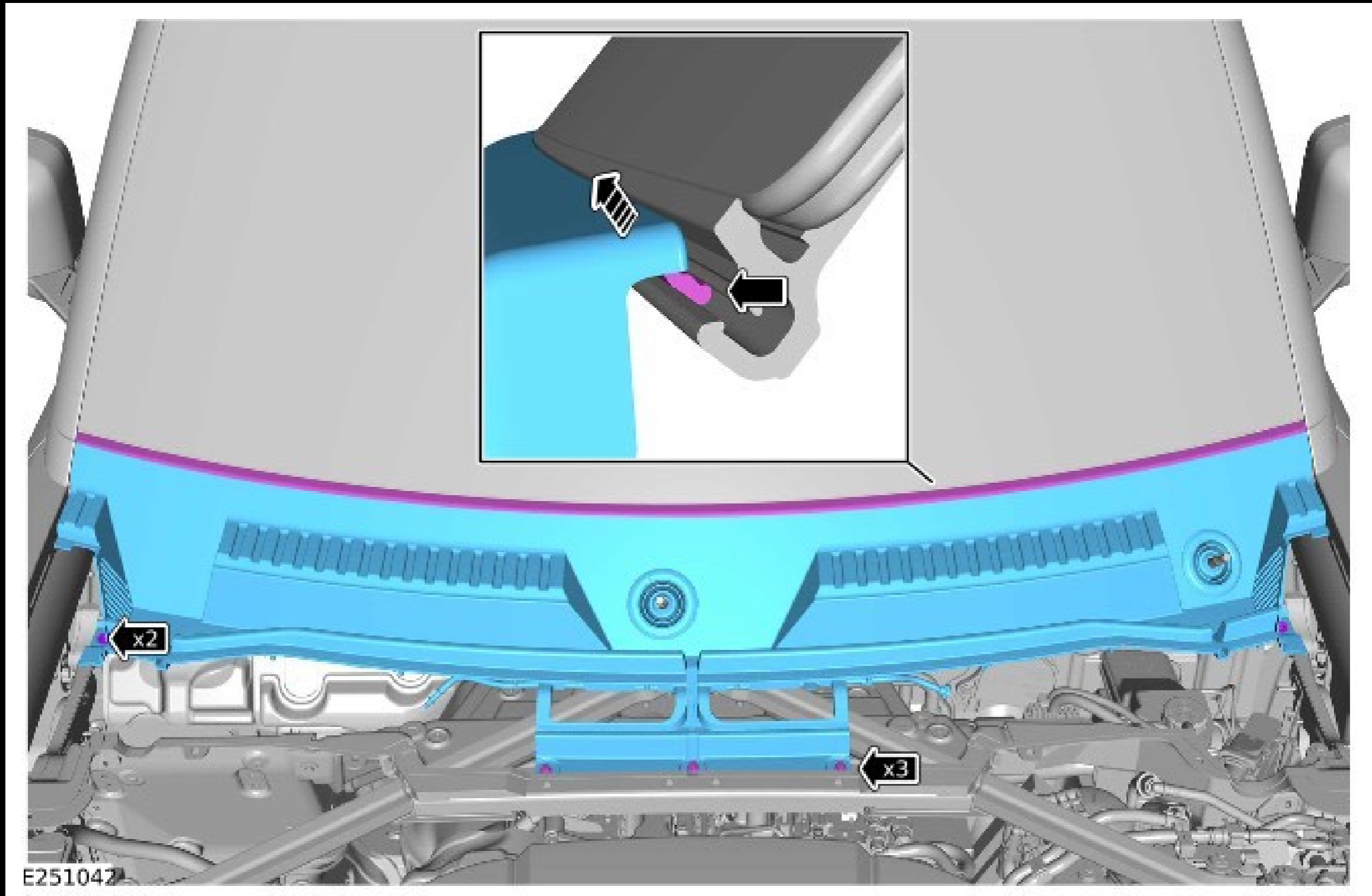


Remove wiper arms.



Remove cowl.

The cowl is held on with three bolts and two pop fittings.



Gently pull the cowling away from the windshield.



Locate the upper roof wiring harness.



Leave about 10" at the top of the roof
where the light bar mounts.



Tuck wire in the body seam as shown.



Tuck the wires behind the pillar trim.



From the base of the trim, route the wires into the engine bay as shown.



Locate the main wiring harness.



Run the harness side-to-side tucking under the wiper cowl as shown.



The fuse side connects on the right side and the switch side runs to the left side.



The fuse main feed and ground need to run through this grommet. If you have a coil sprung truck this grommet may not be there and you will need to make hole.



Locate this bolt on the cowl support.



Attach the relay to that location as shown.



Remove the wires from the switch, note the location, so they can be re-installed in the same orientation.



Locate the steering shaft rubber boot in the engine bay.
You will need to find this rubber boot
on the inside of the Defender



To find the boot remove the lower kick panel,
it is held on with three bolts.



Pull forward to remove and then disconnect the light.



Locate the seam in the rubber padding above the steering arm.



Pull back the padding to expose the steering shaft rubber boot.

WARNING

Make sure there is nothing in that area that could be damaged as you will need to poke a hole in the rubber boot in the next step.



Gently poke a small hole in the rubber steering shaft boot under the letter "A" in then Land Rover Logo.



Locate the hole on the inside.



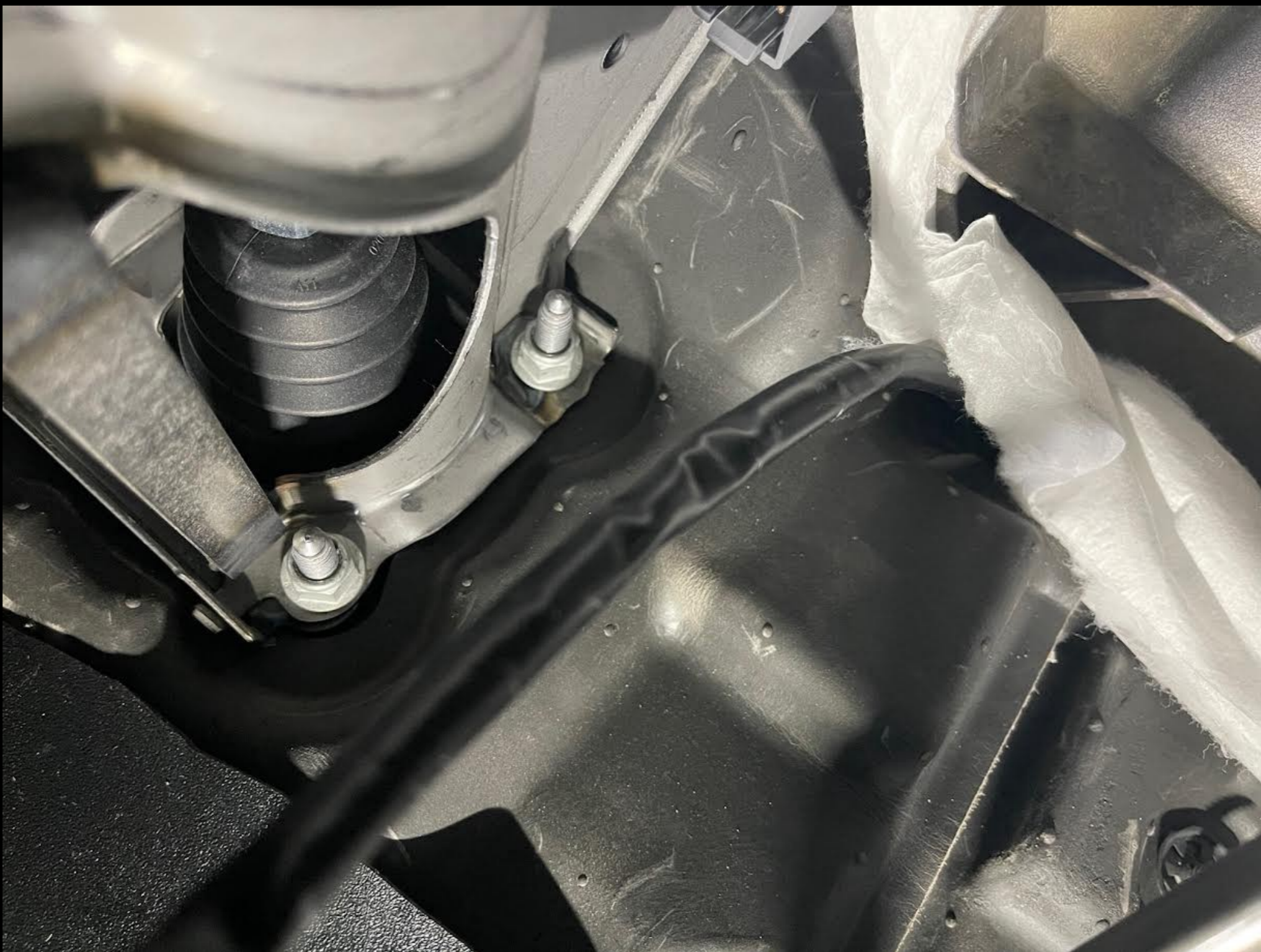
Enlarge the hole to accommodate the wiring harness,
we recommend using a smaller wire to help fish
the switch harness through the hole.



Tape your switch wire to the fish wire and pull into the cabin.



Pull enough wire inside to reach the upper left side of the instrument bezel and fold the rubber padding back into place.



Run the wiring harness out of the way of any moving parts and sharp metal.



Gently pull back the dash trim piece. The trim is held in by two clips and a bolt. You cannot access the bolt with out removing the outer portion of the dash.



Remove the rubber trim piece.



Run a fish down the hole on the right and pull up the switch harness.



Drill a small hole in the driver side piece
of the rubber trim as shown.



Pull the wires through the hole and reconnect the trim piece.



Connect the wires to the switch, clean off the instrument cluster bezel, remove the backing for the double-sided tape, and stick the pod to the bezel.

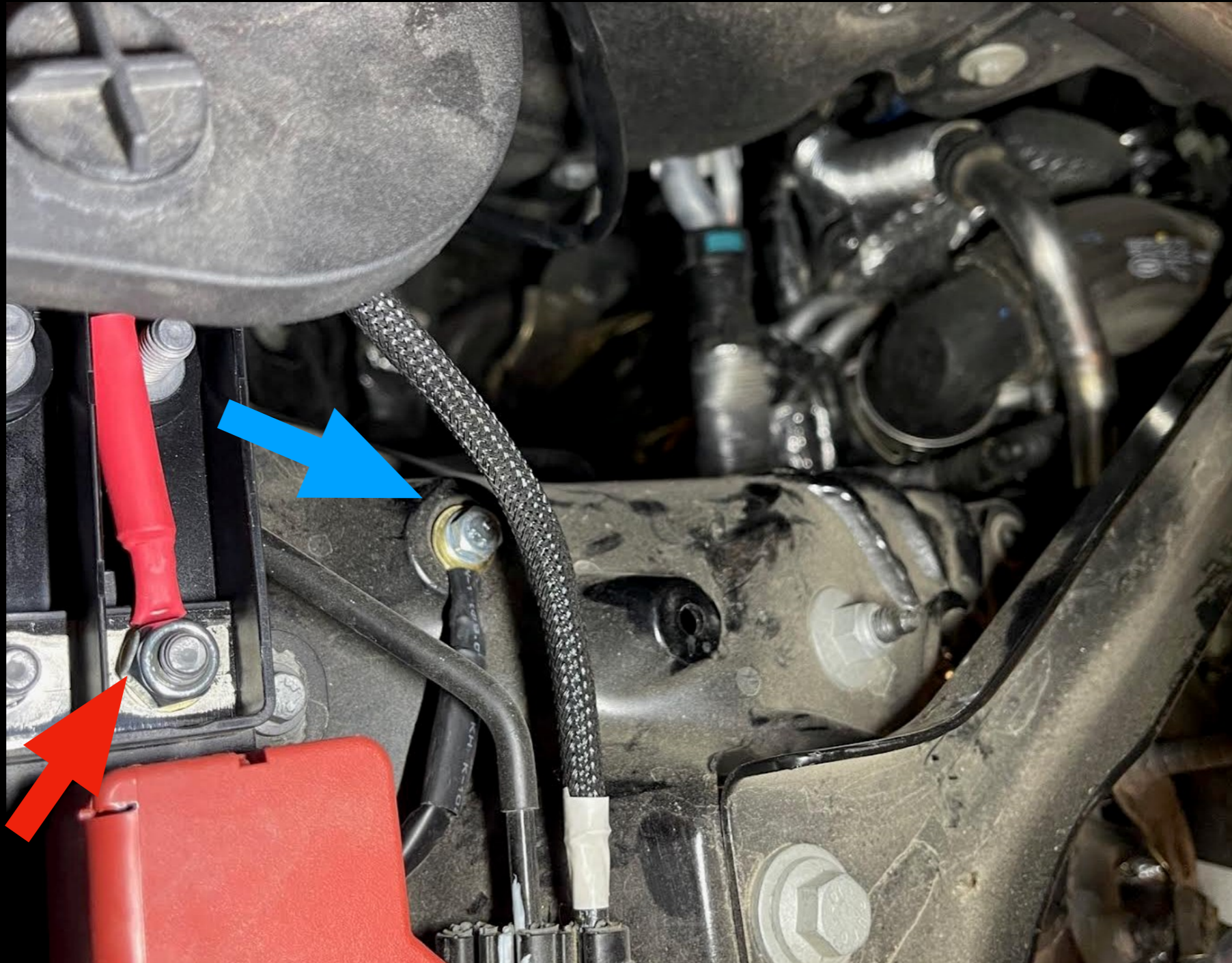


WARNING

Make sure the wires are zip tied out of the way of moving parts and sharp edges. Note that the hood support arms will come in contact with the pillar harness if not routed out of the way as shown.



Attach the fused power feed to the auxiliary power port location “Red Arrow” and the ground to the top of the strut as shown “Blue Arrow”.



Reinstall all of the trim and covers this job is done!

