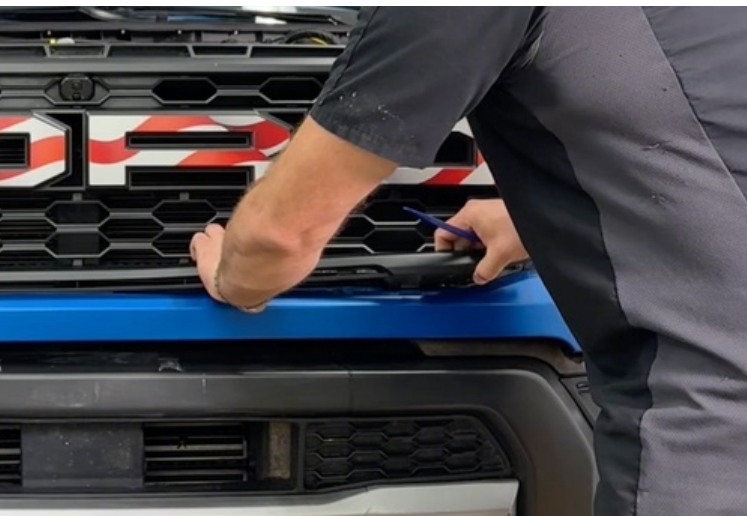




Remove the thirteen push clips using trim tool or equivalent. Remove the plastic radiator cover and set aside for reuse. Using a trim tool carefully separate the lower grill trim. It may require a little force to remove.



Remove the three bolts at the bottom of the grill under the panel removed in the previous step.



Remove the two bolts at the top of the grill. Pull the grill forward to release the clips holding it in place.



Remove the clips and disconnect the front camera washer hose. Disconnect the camera harness and remove the grill.





Remove the five bolts from the bottom of the lower grill.



Using a trim tool remove the five plastic push clips holding the bottom of the lower grill.

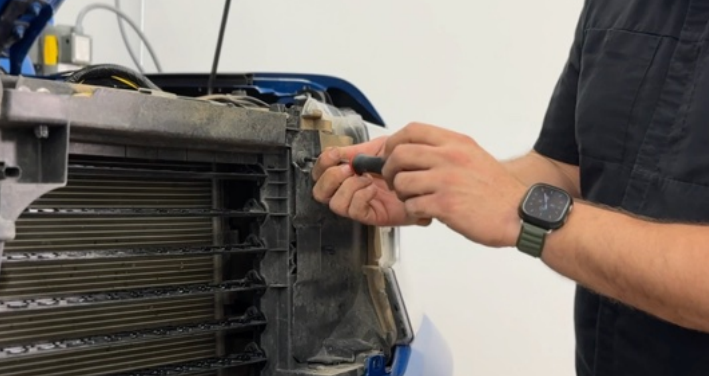


Apply pressure and remove the lower portion of the grill being careful not to over extend the proximity sensors wires.



Disconnect the proximity sensors by releasing the safety and unclipping.

Remove the hardware securing the driver side plastic cover. Remove and set aside for reuse.



Disconnect the main bumper harness connector and remove the three clips securing the harness for removal.



Once disconnected, pull the harness out of the bottom of the bumper and let it hang.

Remove the six bolts securing the bumper.



With assistance of a friend carefully remove the bumper and set aside.



Loosen but do not remove the two rear bolts for the radiator skid plate. Remove the two bolts in the front holding the skid plate in place. Remove the skid plate and set aside for reuse later.

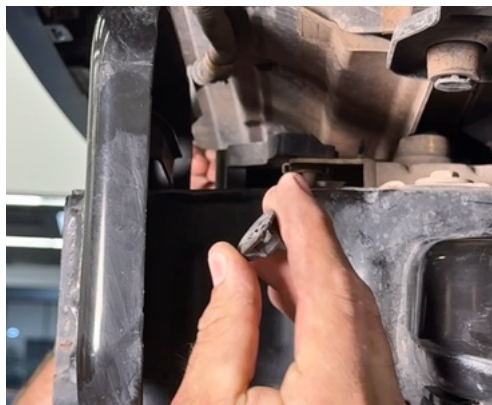


Using a screwdriver or equivalent release the clips holding the top of the intercooler shroud in place and remove.

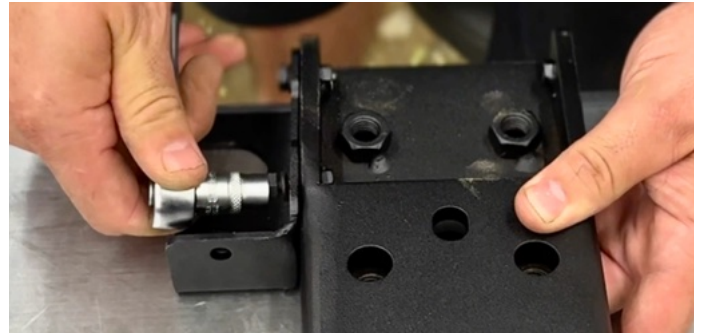
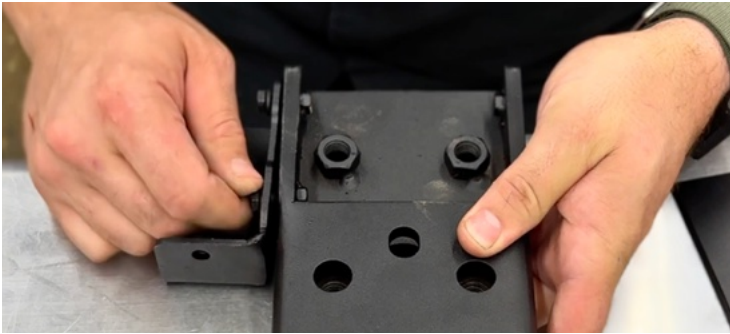
Remove the factory crash bar extensions by removing the four bolts as shown.



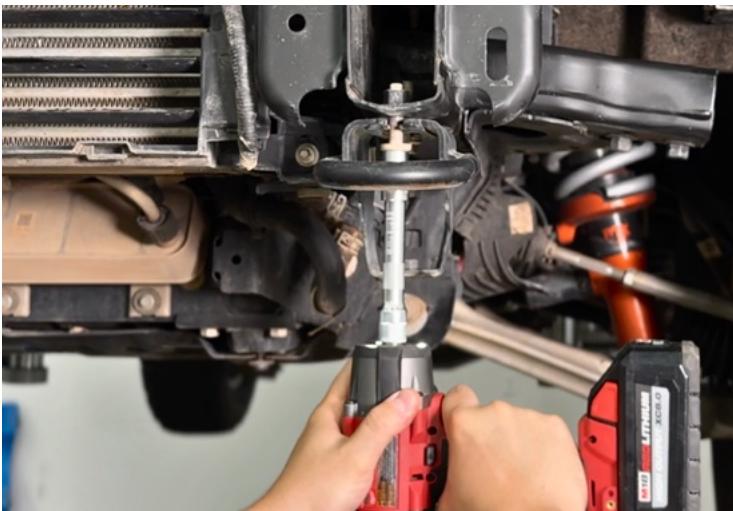
Remove the factory nut plate behind the frame by removing the two plastic nuts on each side. These are finger tight and should not require a tool to remove.



Using the supplied hardware **(D, Q)** attach the intercooler bracket to the supplied recovery point bracket as shown for the driver side. Replicate the assembly for the passenger side once complete. **Note:** round head bolts might be included instead of the hex bolts shown.



Doing one side at the time remove the factory hardware securing the factory recovery points. There are two bolts from underneath and a smaller bolt in the front securing the plastic shroud.



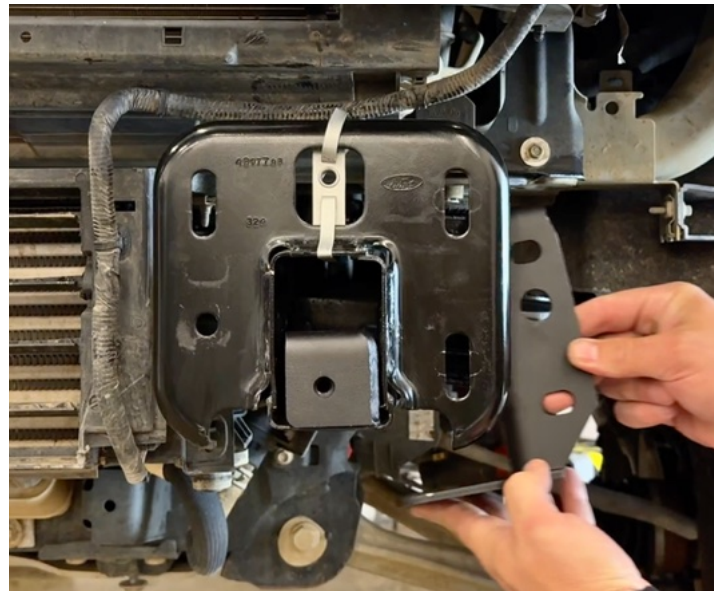
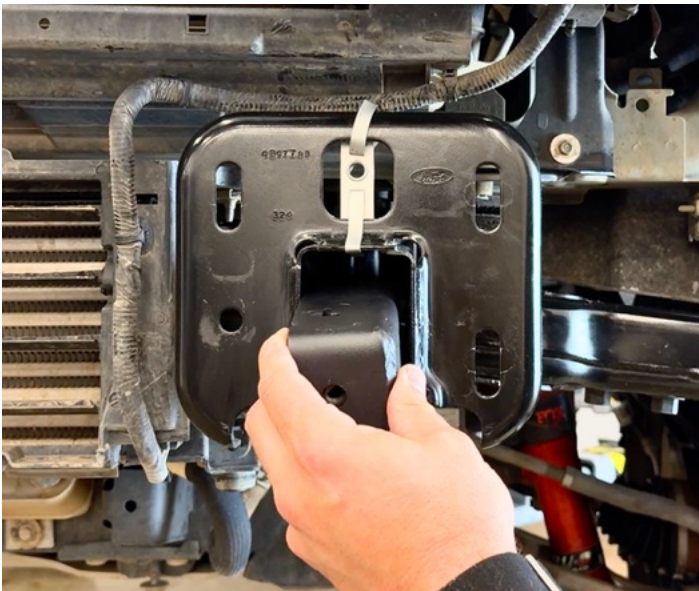
Make sure the rubber grommets on intercooler remain in place. If they come out with the bracket, remove and re-install on the intercooler.



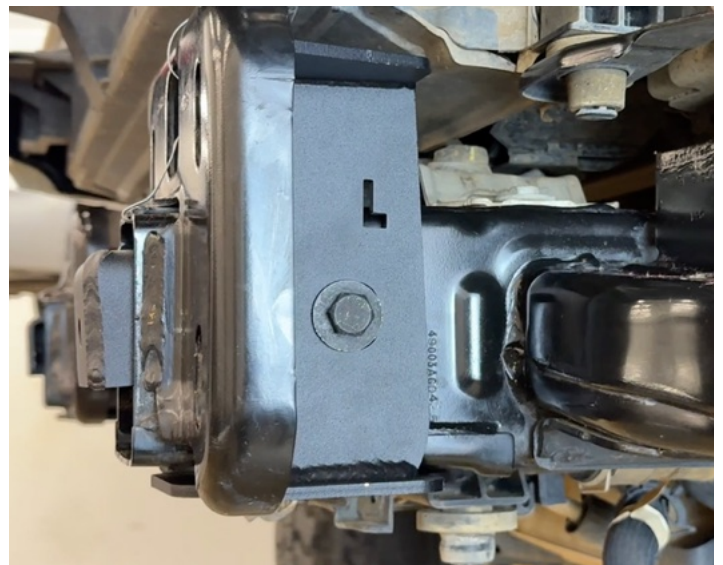


Install the supplied insert nuts **(S)** into the upper hole on the frame bracket.

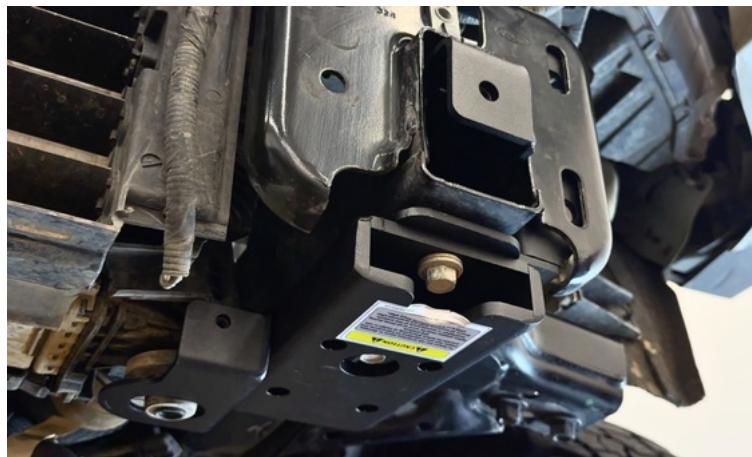
Place the supplied frame reinforcement bracket on the outside of the frame and insert supplied inner frame bracket into the frame paying special attention to the marking showing which is left and right.



Secure the frame bracket with the bolt and washer **(A, N)** through the hole to the installed internal frame bracket. Repeat on the opposite side.



Install the driver side recovery point assembly using the factory hardware making sure the hole for the intercooler bracket lines up with the rubber grommet. Repeat on the passenger side.

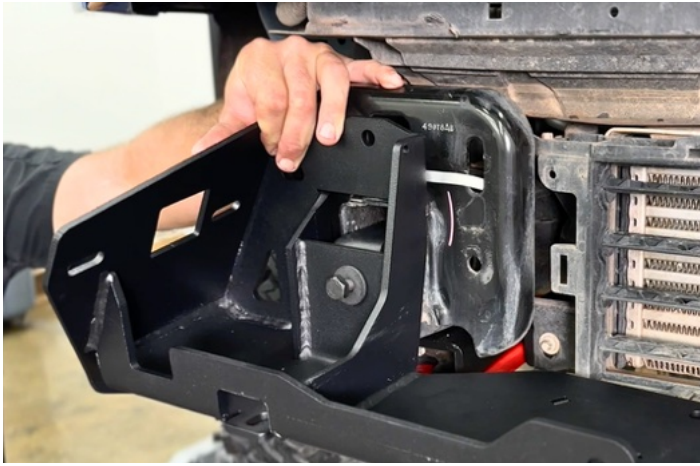


Install the radiator skid plate brackets to the previously installed recovery points with supplied hardware. Make sure to install in the orientation shown





With help from a friend, lift the winch plate into place and align with the previously installed bracketry and frame holes.



Install the four supplied bolts **(A)** into the previously installed insert nut and frame bracket. Install the four supplied bolts **(A)**, nuts **(G)** and washers **(N)** through the factory holes in the frame. Once all hardware is lined up check winch plate alignment and tighten all ten bolts securing the winch plate to the frame.



If installing a winch, do so at this point using the manual included with the winch.



Remove the two plastic push clips holding the wire harness for the radar. Remove the two plastic push pins on the side of the radar.



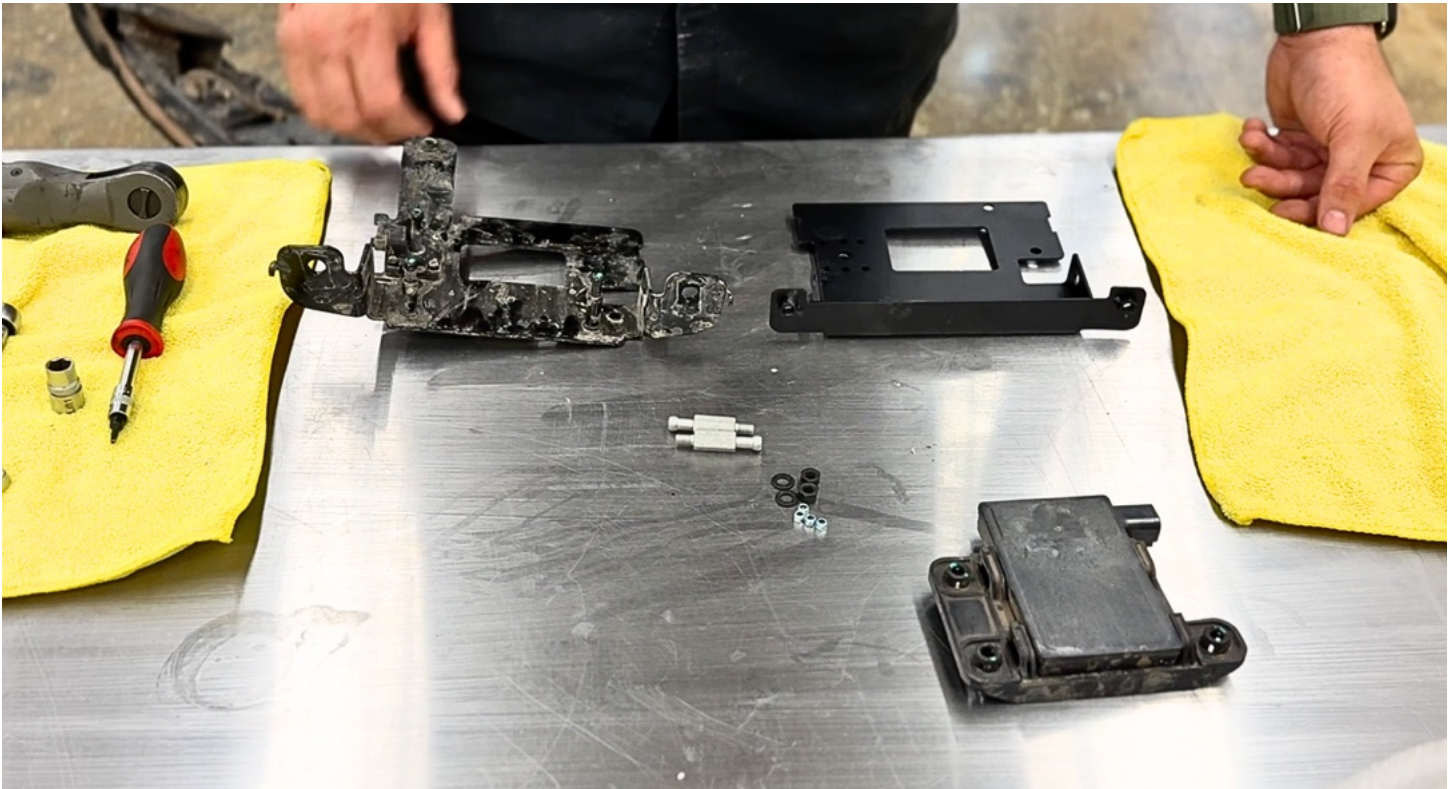
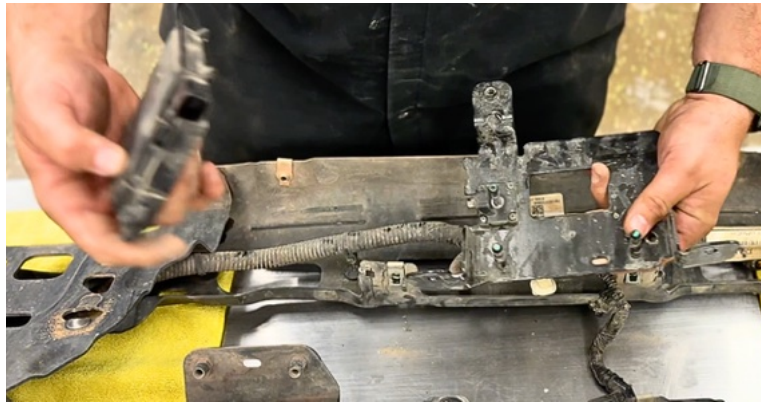
Remove the three bolts holding the radar to the bumper and lift up.



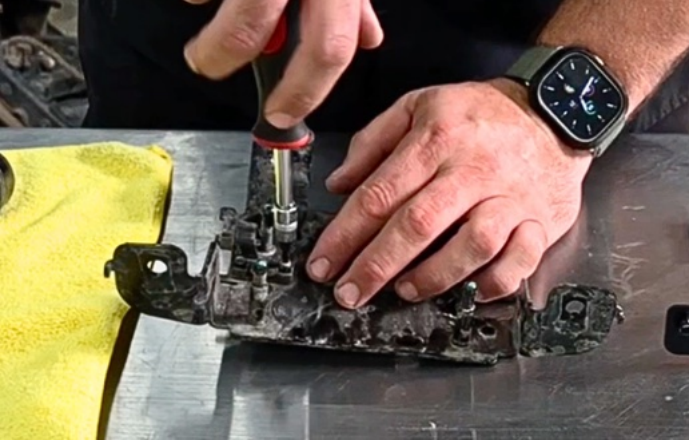
Release the two plastic tabs holding the radar cover in place and set aside. Disconnect the harness from the radar.



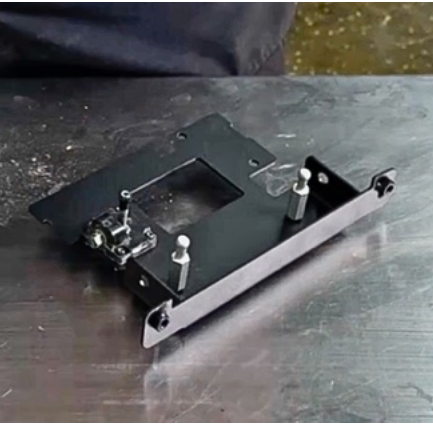
Using some force pull the radar off the factory mounting studs and set aside.



Remove the factory radar adjustment mechanism by removing the four small bolts and the adjustment stud.



Install the radar adjustment mechanism onto the new bracket using the factory bolts and supplied nuts **(J)**. Install the supplied studs **(U)** into the new bracket using nuts **(I)** and washers **(O)**.



Snap the radar onto the installed studs and adjustment mechanism. Adjust the radar so that it is parallel with the bracket.



Install the bumper end caps using the supplied bolt plates, washers **(N)** and nuts **(G)**.



Using a punch, knock out the precut proximity sensors provisions. **IMPORTANT: please check the location and number of proximity sensors on your vehicle. only punch out the holes that correspond to your specific sensor layout.**

Install the supplied proximity sensor adaptors **(W)** into the holes noting that they are indexed and will only go in one direction.



Using the supplied plastic nuts **(W1)** secure the proximity sensor adaptors from the back of the bumper.

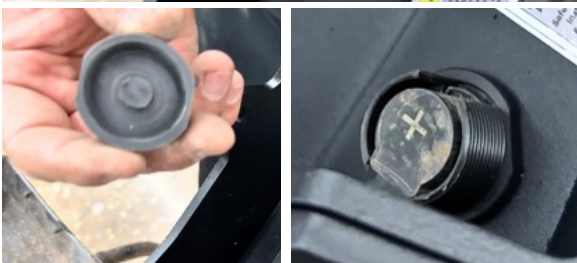
Disassemble the factory bumper to expose all the proximity sensors and the wiring harness.



Release the safety clips on all the proximity sensors and disconnect the harness. Lightly spread apart the factory plastic proximity sensor holders and remove proximity sensors.



Remove the rubber grommet from the sensors and place the sensors into the same location on the RIVAL bumper. Please note that the sensors will only fit in one direction.



Install the supplied caps **(W2)** to secure the proximity sensors in place.

On the previously removed lower grill remove the two factory proximity sensors and transfer them to the RIVAL bumper in the same fashion. Transfer the wiring harness to the RIVAL bumper in the same orientation as it was removed from the factory bumper.

Plug in the factory radar and snap the factory plastic cover back in place and install the push clips on the side. Install the supplied proximity sensor extension to the passenger side middle proximity sensor.



Place the radar into the RIVAL bumper and secure with the supplied hardware (**E, Q**).



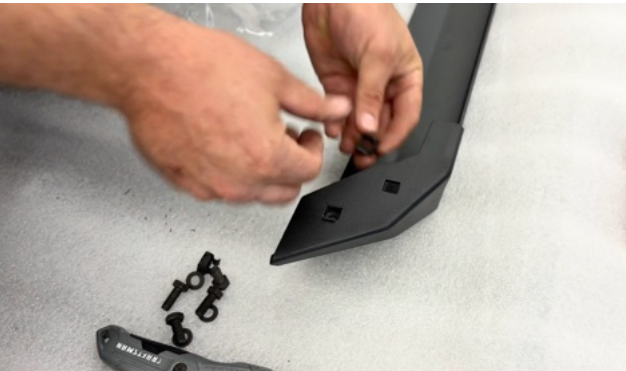
Use zip ties to organize the wiring harness behind the bumper keeping in mind there are moving components if you plan to install a winch.



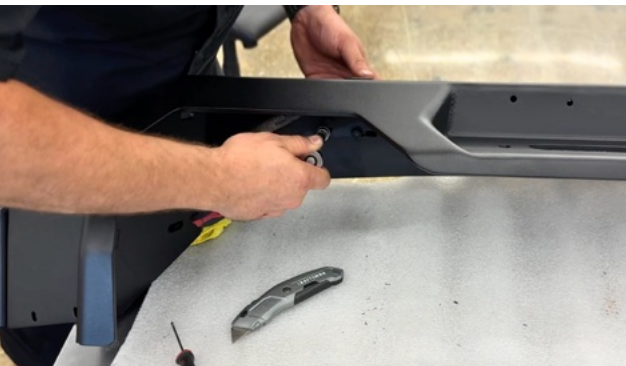
If you decide to install a lightbar on top of the bumper, knock out the precut provisions for the lightbar mount and lightbar housing. Mount the supplied light bar brackets to your light and then secure it to the bumper **(C, H, O)**.



To mount your lightbar to the bumper, you can use the RIVAL brackets or the ones supplied with your light.



Install the four supplied clip nuts **(L)** into the lightbar housing. Mount the lightbar housing to the bumper using the supplied hardware **(C, O)**.

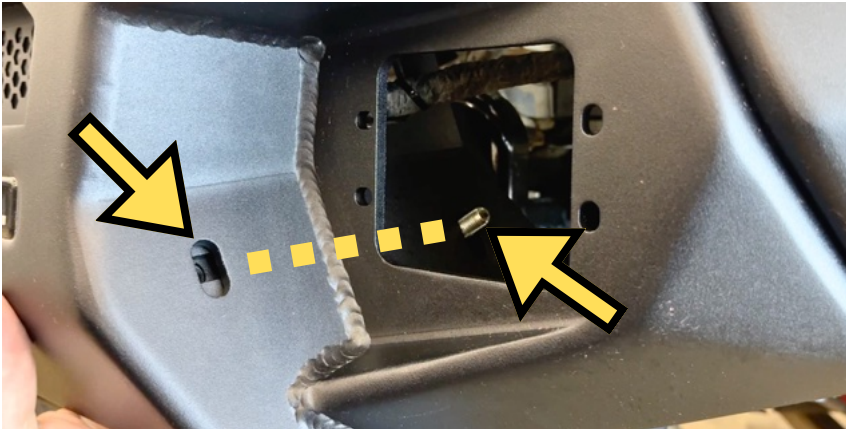


If you decide to install a front license plate, do so with the included bracket and hardware **(E, Q)**.





With the help of a friend mount the bumper shell to the winch plate. It is best to pull the harness up into the factory location while doing so. This will prevent damage to the harness and make it easier going forward.



While one person holds the bumper in place, install the supplied bracket into the bumper aligning the rear stud with the holes in the winch plate and bumper shell.



Once in place, install supplied hardware **(F, T)** into the front hole.



Install a washer and nut on the previously placed stud, then repeat on the opposite side.

Do not fully tighten at this point as it will prevent alignment once all hardware is installed.

Secure the lower portion of the bumper shell to the winch plate using the supplied hardware. Do not fully tighten.



If equipped, install the RIVAL plug and play fog lights from the back side of the bumper using supplied hardware **(D, Q)**. Plug the factory harness into the RIVAL fog lights and tighten the hardware. While the RIVAL fog lights are plug and play, other option may not be. Be sure that you have the adapters needed prior to installation. The accessory wires are optional, please refer to the light documentation and the factory wiring schematics if you plan to use them.



If installing with a fairlead, use the hardware included with that fairlead. If not, use the supplied hardware.

With the help of a friend, check the bumper alignment and tighten all hardware securing the bumper skin to the winch plate.



Install the supplied insert nuts **(S)** into the lower portion of the winch plate.



Place the two included nut plates into the winch plate. Install the skid plate using the provided hardware **(F, T)**. Use light pressure when installing the bolts into the nut plates so they do not shift out of place.



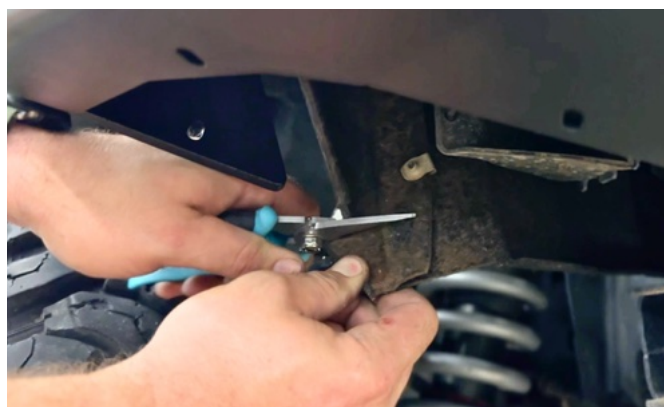
Install the supplied clip nuts (**K**) into the close out panels.



Install the close out panels onto the rival bumper using the supplied hardware (**D**, **Q**). The rearmost hole for the felt liner is optional. If you decide to use it, drill or cut a small hole where the liner lines up with the clip nut and install hardware.



Following the bumper lines, trim the factory felt liners with scissors or a knife.



Install the factory skid plate, grill and wiring harness in reverse order of removal.