

Tools you'll need:

10mm sockets and wrench

12mm socket

13mm socket

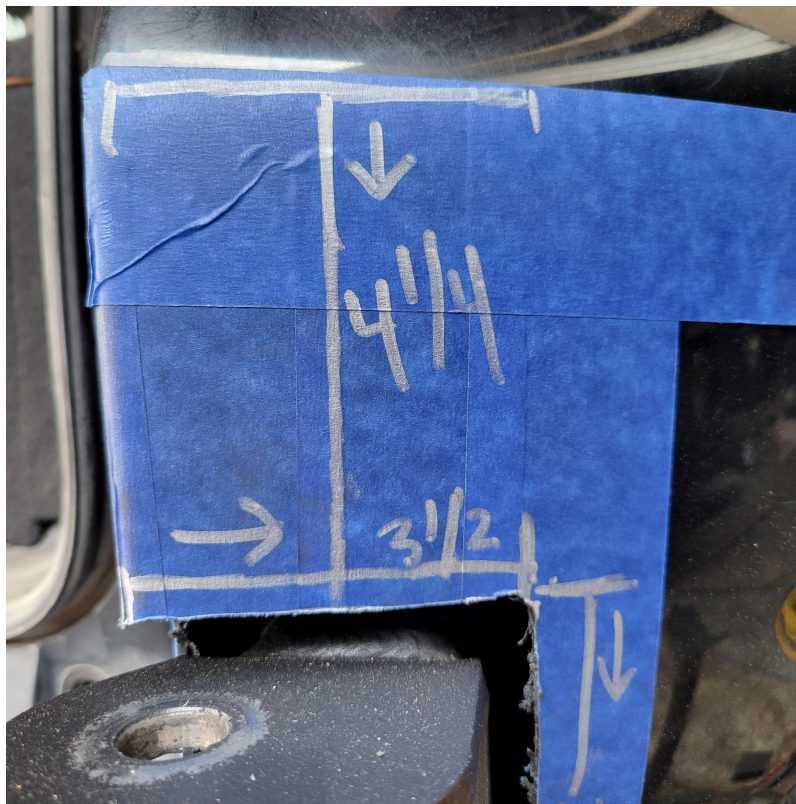
24mm socket and wrench/crescent wrench

Flathead screw driver or trim remover tool

Cutting tool like a Air Reciprocating Saw or Angle grinder

30mm socket or Wrench/crescent Wrench

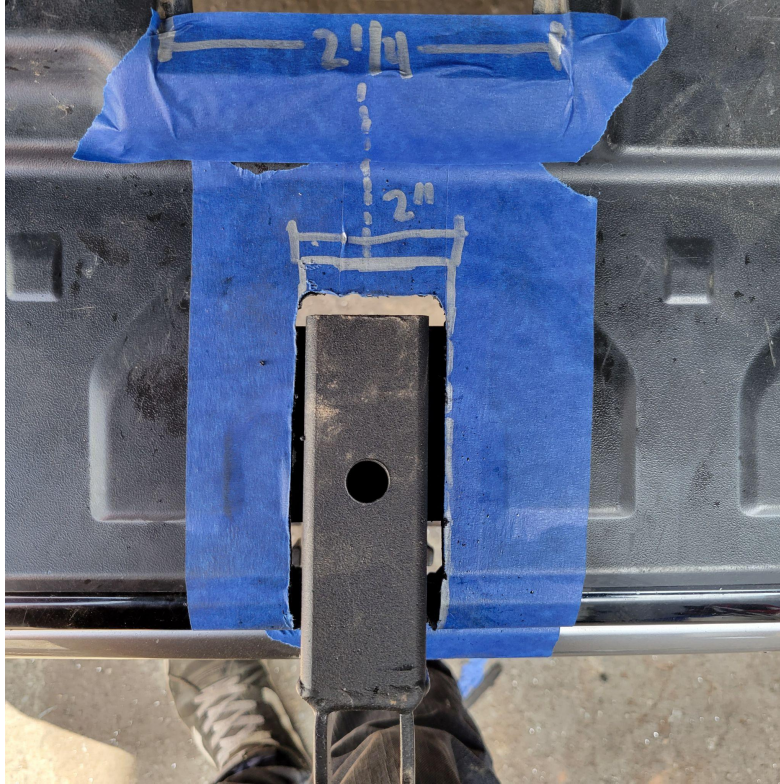
Start by marking the bumper for the hinge and latch cut outs. You definitely want to use some masking tape for this step. You can also leave the cutting portion last, but definitely mark out the cut out. Start by marking the 4 1/4 measurement, use the bumper line under the tail light as the starting point.











Once you've marked out the cut out with the measurements provided in the image above, use any tool you see fit for the job to do the cut.

We use an Air Reciprocating Saw that you can purchase at Harbor Freight if you have an air compressor, or you can use an angle grinder with a cut off wheel to do the job, just be very careful and use eye protection.

For the latch hook, it will be convenient to cut the foam underneath the bumper as well so you know what piece you're discarding at the end. We will come back to this towards the end.

Once you've made your cuts, now its time to remove your stock bumper.

You can look up videos on YouTube for this step, you will need a 10mm socket and a 10mm wrench, a flat head or trim remover tool for the clips and a T6 star tool for the mud flaps.

Once you've removed the bumper, you can remove the foam step.

Next you will remove the passenger side bracket that holds the bumper, it looks like this. Use a 12mm socket or wrench.





You will start with a soft install to line everything up.

Now you can install the Swing Out Hinge by sliding it in to place around the frame  
Install all 6 bolts provided to you, do not fasten them just yet.

Now install the latch hook by removing the 2 top bolts that are on your OEM hitch receiver bracket. The latch hook will go over the bracket like this. Do not fasten just yet



If you haven't installed the bearings and seals provided for the swing arm, now would be the time to do so. Make sure you pack the bearings with grease. You can look this up on youtube. If you haven't had the swing out painted or powder coated and you plan too, DO NOT INSTALL THE SEALS AND BEARINGS UNTIL AFTER YOU GET IT ALL PAINTED.

With the hinge and latch installed loosely, install the swing arm to the hinge, this you can fasten down TIGHTLY.

With everything in place, you can now fasten everything down MAKE SURE the 3 hinge plate bolts on the outside are flush against the frame in this step, and that the mounting plate is up against the frame like shown here.



Make sure everything lines up, the pin goes in the hole and the latch lines up to the hook.

At this point EVERYTHING should be tight.

Now that everything is tight, remove the swing arm so you can re-install your bumper with the cut outs. If you left the cut out step for last, now will be the time to cut.

Remember to trim the foam to fit in position, the driver side will be a big piece and the passenger side will be much smaller. For the passenger side, we typically make markings between the latch hook piece and the hinge mounting plate and use a piece of the foam to fill in the void between the 2.

To re-install the swing arm, leave the bumper loose but somewhat in position so that you can install the hinge bolt easily