



Step 1 Remove Factory Rear Bumper



Remove the factory rear bumper from the vehicle. It is held on by 2 mounting brackets, each with 4 bolts to the back of the frame (circled in red). Keep the factory bolts - they can be reused to mount the new bumper.

Step 2 Trim Plastic Side Skirts (1997+)



If you're installing on a 97' and up, and are not installing our lower quarter panel armor, you have the option of cutting the plastic side skirts on the lower quarter panels and leaving much of it behind. Draw a straight line down from where the tail lights attach to the body and trim the factory plastic with a utility knife



Step 3 Prep Frame for Bumper



If not using nutstrips, the uniframe tie-in brackets will need to be loosely installed before the bumper. By utilizing the lock washer inside the frame, the tie-ins will later be able to be tightened down without needing a wrench on the nut. Just remember to keep them somewhat moveable for alignment purposes at this time.

Step 4 Lay Out Bumper & Hardware



Place the bumper face-down on a padded table so you are looking at it from behind/inside. Sort and count the hardware: 2 D-rings, the Left and Right mounting brackets (marked L and R), gold D-ring bolts with washers and nylock nuts, button-head socket screws with flange nuts, and hex bolts with large washers and flange nuts.

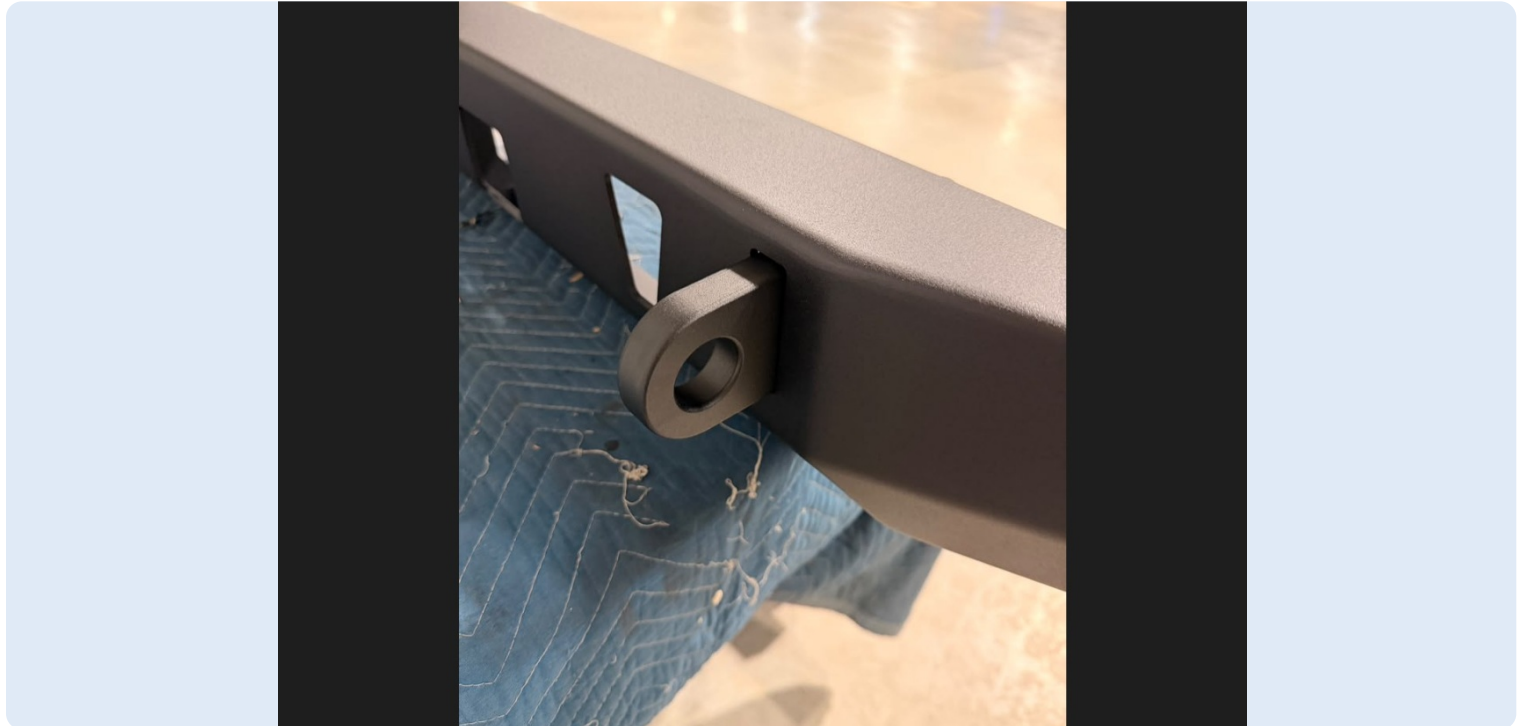


Step 5 Identify Left & Right Mounting Brackets



Each mounting bracket is etched with an L or R and an arrow. **IMPORTANT:** When looking at the bumper from behind/inside, the **RIGHT** bracket (marked R) goes on the **LEFT** side and the **LEFT** bracket (marked L) goes on the **RIGHT** side. L and R refer to the vehicle's sides, not your view while assembling. The etched arrow points up toward the top of the bumper.

Step 6 Slide D-Ring Into Bumper



From the front of the bumper, slide the D-ring tab through the slot in the bumper face until its base sits flat against the inner plate. The D-ring hole should face out and the base must be fully seated before installing any bolts.

**Step 7** Insert D-Ring Bolts

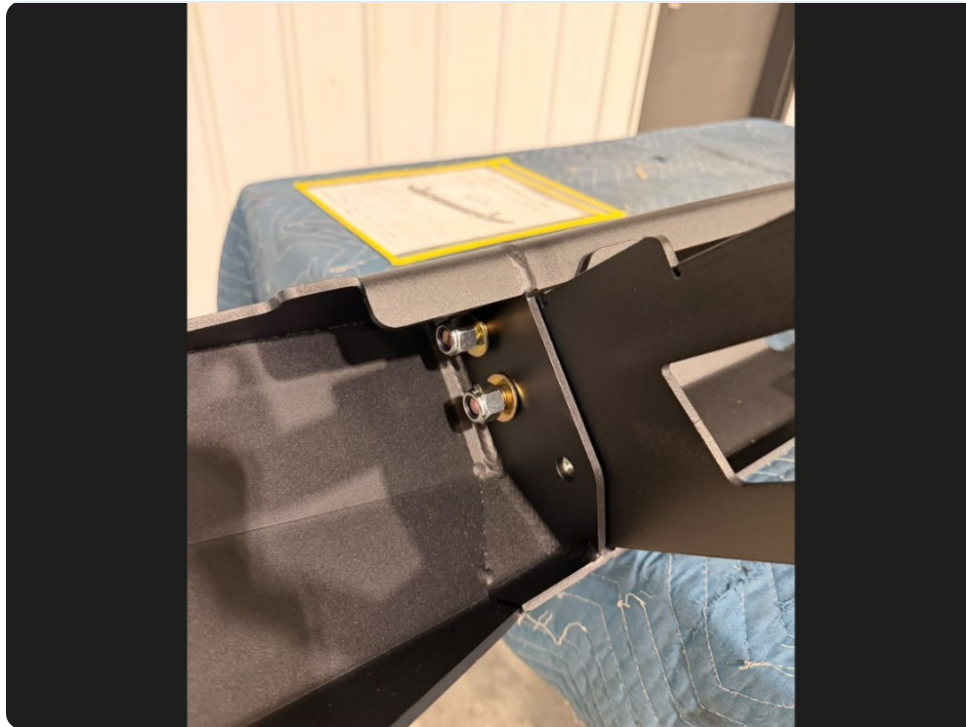
Push the 2 gold bolts through the D-ring base and the bumper's inner plate. The threads should stick out toward the inside of the bumper, where the mounting bracket will go. Do NOT install nuts yet - the mounting bracket slides onto these bolts in the next step.

Step 8 Slide Mounting Bracket Onto D-Ring Bolts

Using the correct bracket for this side (see Step 5), slide the mounting bracket onto the threads of the 2 gold D-ring bolts so it sits between the D-ring/inner plate and its mounting spot on the bumper. Line up the bracket's top tab with the hole in the bumper's top flange and the bottom tab with the hole in the bottom flange. The etched arrow must point up.



Step 9 Install D-Ring Washers & Nylock Nuts

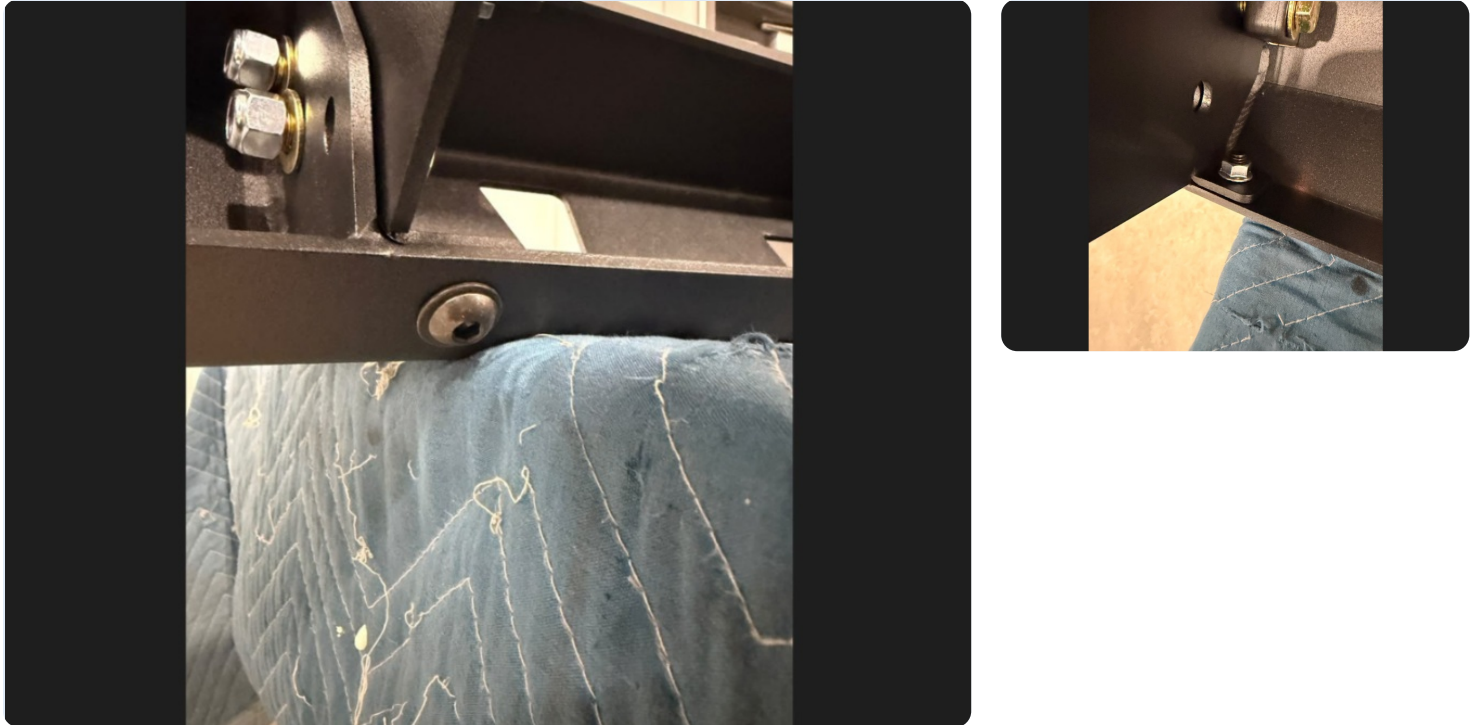


Install a washer and nylock nut on each of the 2 gold D-ring bolts. These bolts clamp the D-ring, the bumper's inner plate, and the mounting bracket together. Snug only - do not fully tighten until all bracket hardware is installed.

Step 10 Install Top Bracket Screw



Install a button-head socket screw down through the hole in the bumper's top flange and the bracket's top tab. Secure it with a flange nut from underneath. Snug only.

**Step 11** Install Bottom Bracket Screw

Install a button-head socket screw up through the hole in the bumper's bottom flange and the bracket's bottom tab. Secure it with a flange nut on the inside of the bumper. Snug only.

Step 12 Install Lower Hex Bolt

Install the hex bolt with a large washer through the lower hole below the 2 D-ring bolts. Secure it with a flange nut on the mounting bracket side (it sits just below the 2 nylock nuts). Snug only.



Step 13 Repeat on Opposite Side



Repeat Steps 6 through 12 on the other side of the bumper using the opposite bracket. Double-check before tightening: looking from behind/inside the bumper, the R bracket must be on the LEFT and the L bracket must be on the RIGHT, with both etched arrows pointing up.

Step 14 Tighten All Bumper-Side Hardware



With both brackets installed, fully tighten all D-ring nylock nuts, top and bottom bracket screws, and lower hex bolts on both sides. Verify both brackets are square to the bumper and the frame mounting plates are even side to side.

**Step 15** Lift Bumper Into Place

With a helper or a jack, lift the pre-assembled bumper into position and line up the mounting bracket frame plates with the frame rails. Keep the bumper reasonably level while lifting.

Step 16 Bolt Mounting Brackets to Frame

Loosely install the frame hardware (factory bolts or the supplied 1/2"-13 x 1-1/2" bolts, washers, and locknuts) through the bracket frame-plate slots into the frame. The outside width of the brackets should be about 39-3/4". Use the slots to adjust left/right, height, and pitch. Open the tailgate and check clearance - if the gate hits the bumper, lower the bumper.



**Step 17** Final Tighten & Inspect

Once the bumper is aligned, tighten all frame hardware (an extension helps reach the nuts). If using nutstrips, install any skids and unibody tie-ins. If installing integrated lower quarter panels, follow their separate instructions and drill mounting holes only after the bumper is aligned. Re-check every fastener on both sides, including the D-ring nuts. Installation complete.