



Hybrid Front Bumper Installation Instructions

Disclaimer: Your bumper will arrive bare steel. I find it is best to test fit the bumper before painting/powder coating. What you decide is up to you.

1. Remove factory bumper and all mounting brackets. If you have a '99 or newer, the end of your frame rails will look like the ones pictures with a large flat pad with 3 nuts welded to the backside. Cut these pads down to the size of the frame rail (on the backside). If you have a '96 to '98 you do not have these pads. You may need to grind the bottom of the frame rails to smooth them out.

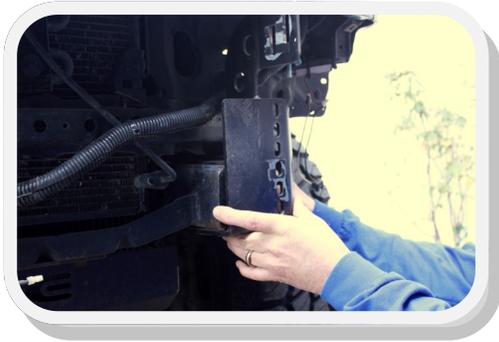


When you are done, the ends of the frame rails should look like this:



3. If desired, mask off the body and paint your frame rails and the area behind the bumper to hide the "ugly."

4. Bolt on the frame brackets with supplied hardware. Use two 12 mm bolts with washers into the bottom of the frame where your factory tow hook was mounted. Use two 10 mm bolts with washers into the side of the frame. Note: Do not tighten bolts at this time, you want the bracket to be able to move slightly.



5. Bolt the bumper to the brackets on the vehicle with supplied 10 mm bolts. If you are using a 1 in. body lift, simply move the bumper up one set of holes. You should have five bolts per side (three in the bottom, two in the top) attaching your bumper to the bracket that you previously installed. Before you tighten the bolts, adjust the bumper left & right, up & down and forward & backward. (The pictures below are to show you what the bracket looks like on the bumper. It is easiest to bolt the bracket to the frame then the bumper to the bracket).



6. Once you are satisfied with your bumper's position, tighten all the bolts.

7. Trim the plastic fender liner as desired to match the line of the bumper.