

# **2002-2005 Dodge Ram 1500 Front Bumper Installation Instructions**

## **Tools Needed:**

Ratchet with  $\frac{3}{4}$ " socket /  $\frac{3}{4}$ " Ratcheting Wrench

$\frac{3}{4}$ " wrench (stubby wrenches preferred but not required)

$\frac{5}{16}$ " Hex-key or Hex socket

10mm wrench or ratchet with 10mm socket

Floor jack or another tool to assist with lifting into place

## **Step 1:**

Install bullbar onto center section using the provided button-head bolts,  $\frac{7}{16}$ " washers, and  $\frac{1}{2}$ " nylon lock-nuts and tighten fully. If you do not wish to install your bullbar, insert the supplied black plastic caps into the bullbar mounting points.

## **Step 2:**

If purchased with the light wing option, install fog lamps using the factory supplied bracket and mounting hardware into the wings. The fog lamp bracket is installed inside of the mounts welded to the inside of each wing.

## **Step 3:**

Install the wings onto their respective side of the center section using the supplied  $\frac{1}{2}$ " bolts,  $\frac{7}{16}$ " washers, and  $\frac{1}{2}$ " lock-nuts. Align the corners of the wings with the corners on the center section and tighten the bolts until they are snug but with room to adjust later.

#### Step 4:

If you purchased the winch version, set the winch onto the winch plate. Winches with a top mounted control box should have the control box removed and relocated elsewhere on the vehicle if fitment issues occur.

#### Step 5:

Using a tool to assist in lifting the bumper, align the mounting holes on the back-side of the bumper to the factory frame holes in the front vehicle frame. Once the holes have been aligned, insert the factory bolt strip from the inside of the frame and through both mounting points on the bumper. Install the factory flange nuts onto the factory bolt strip and tighten until snug but with some room for adjustment.

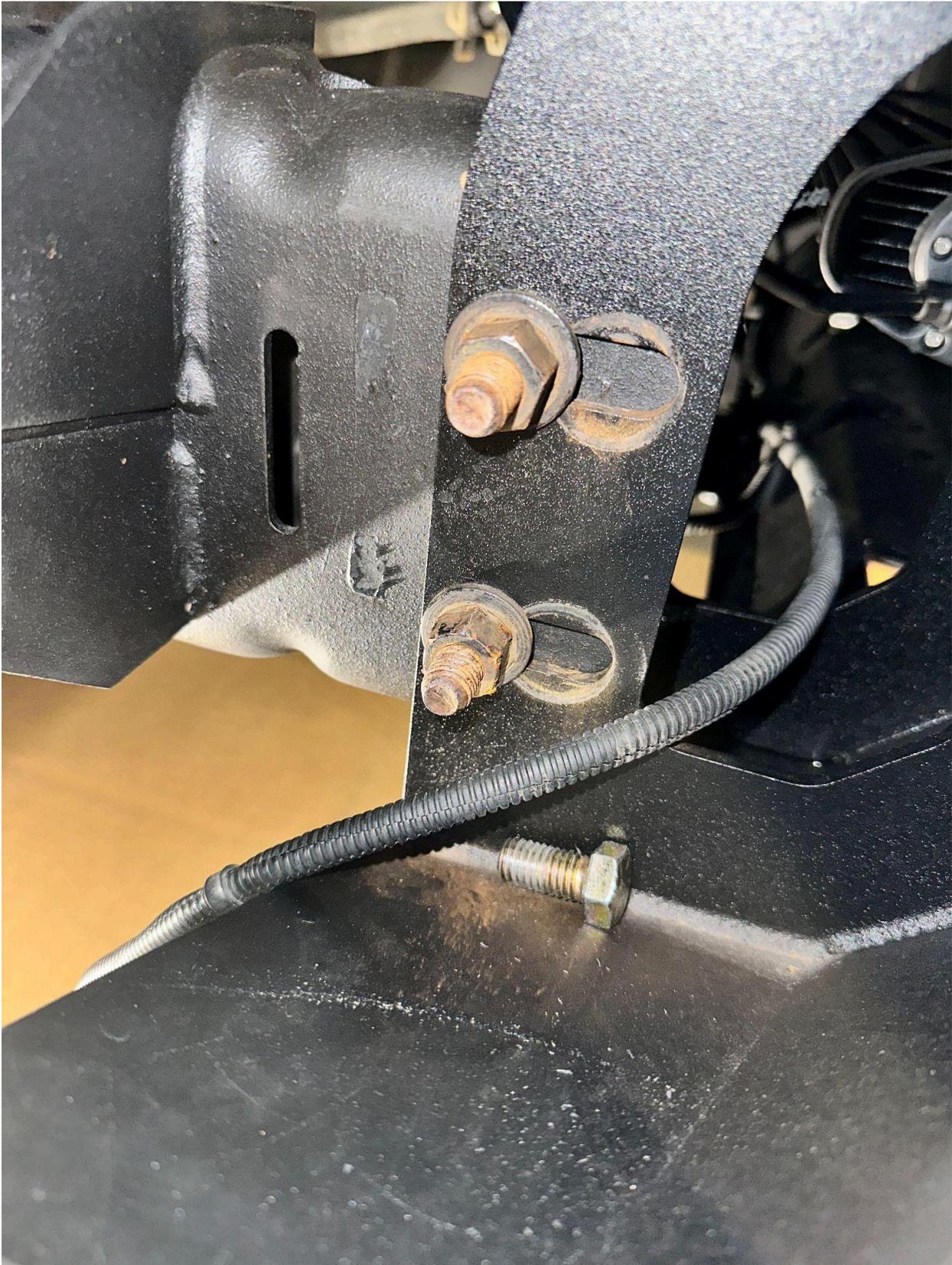
#### Step 6:

Adjust the center section into your desired position on the vehicle and tighten the factory flange nuts onto the factory bolt strips. Once the center section is aligned to your liking, adjust the wings to your desired position and tighten the 1/2" bolts.

#### STEP 7:

If purchased with the light wing option, route the wiring harness for the fog lamps through the inside spaces of the bumper and connect the fog lamps.

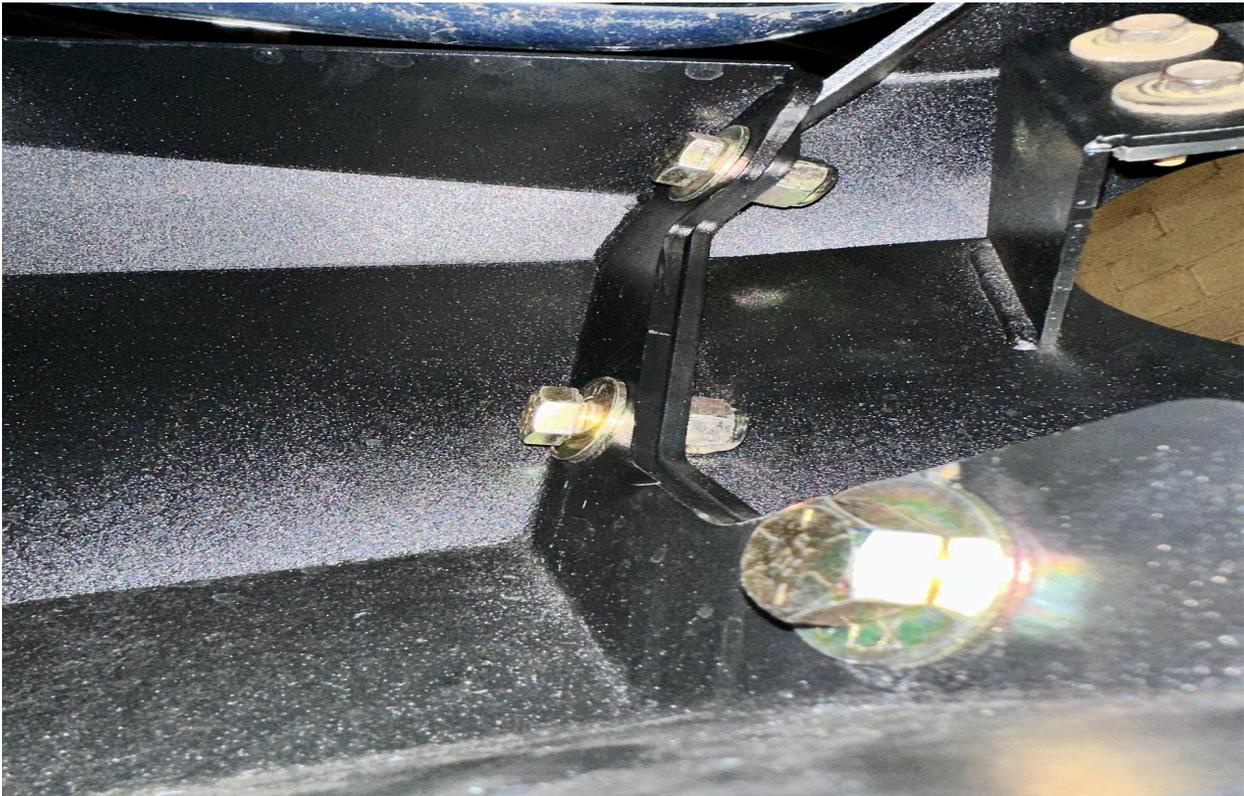
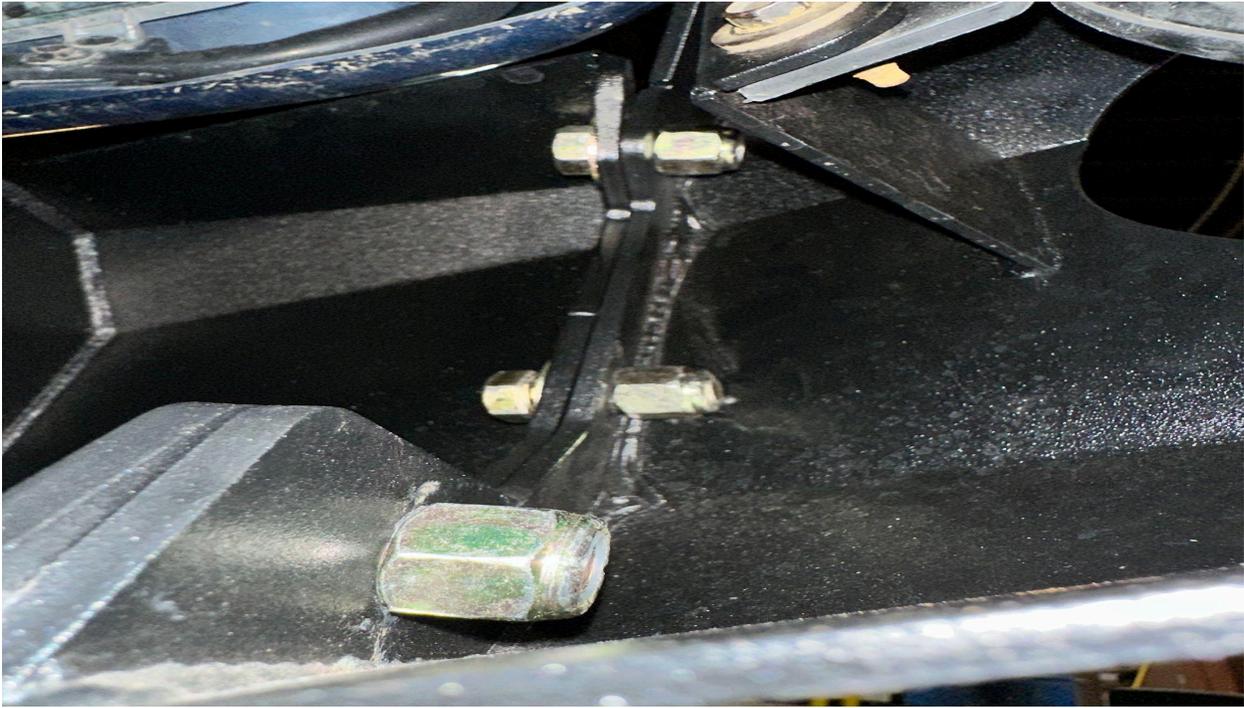
**FLANGE NUTS TIGHTENED ONTO FACTORY BOLT STRIP**



**FACTORY BOLT STRIP**



**WINGS BOLTED TO CENTER SECTION**



**WING BOLT LOCATIONS**

