

REAR BUMPER INSTALLATION INSTRUCTIONS 03-Present Dodge Ram Truck

Please read before beginning

- *Stainless steel hardware may bind together when tightening—it is recommended that you apply an anti-seize assembly lubricant to the threads of each bolt before assembly*
- *This installation requires two people*



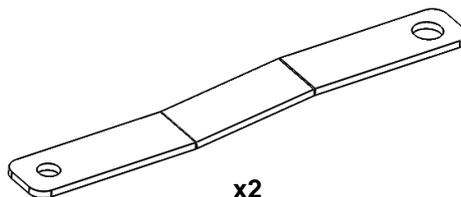
Required tools

- Standard wrench set
- Allen wrench set
- Leveling tool
- Drill motor
- 1/4-inch drill bit
- Countersink bit
- Wax lubricant
- Anti Seize compound

Included hardware

Quantity

- | | |
|--|---|
| • Mounting hardware | |
| ○ 70008 – Nut, Nylock, SS, 1/4-20 | 2 |
| ○ 70009 – Washer, Flat, SS, 1/4 ID | 4 |
| ○ 70013 – Bolt, Flat Head Soc Cap, SS, 1/4-20 x 1" | 2 |
| ○ 70029 - Bolt, Hex Head, SS, 3/8-16 x 1-1/4" | 2 |
| ○ 70024 - Nut, Nylock, SS, 3/8-16 | 2 |
| ○ 70028 - Washer, Flat, SS, 3/8 ID x 7/8 OD | 4 |
| ○ 70033 – 1/2"-13 Grade 8 nut with nylon insert | 4 |
| ○ 70035 – 1/2" ID Flat washer | 8 |
| ○ 70036 – 1/2"-13 x 1 1/2" Grade 8 hex head bolt | 4 |
| ○ Antiseize Packet, 2g | 1 |

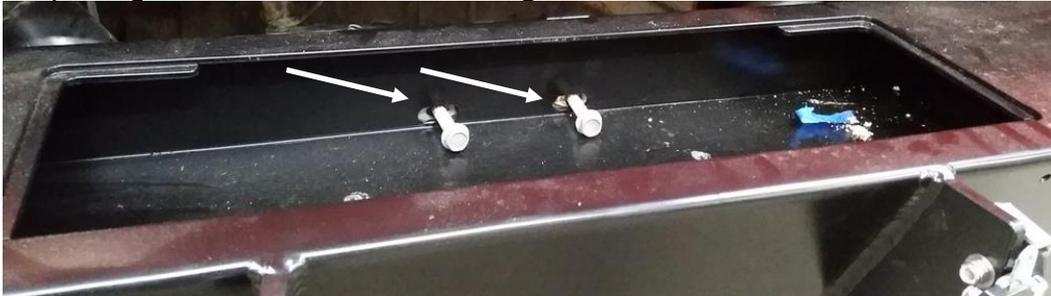


x2
 Dodge Rear Bumper
 Straps



Installation Instructions

1. Remove any electrical wiring connected to the stock bumper
2. Before removing the bumper, check to make sure all of the bolts are clean—If not, WD-40 or a drop of oil will help with removal
3. Remove the mounting hardware, leaving one bolt on each side to prevent the bumper unexpectedly falling off
4. With one person holding the bumper, remove the remaining fasteners and take off the bumper
5. Have one person hold the new Aluminess bumper up to the rear frame horns, while a second person aligns fastener holes and inserts bolts—it is best to insert the two top 1/2” bolts and thread on the nuts finger tight first to avoid the possibility of dropping the bumper
 - a. If you have a 2014+ dodge ram, you will use 2 bolts on the hitch that will line up with the 2 openings on the inside of the storage box.



- b. (Only the 2014+ dodge ram will utilize this feature)
6. Insert the rest of the hardware, using washers between the head of the bolt and the bumper, and thread on the nuts, but do not tighten down all the way
7. Check the bumper with a bubble level to make sure it is even, and open the tail gate to insure the placement is correctly centered—make any necessary adjustments and then tighten 1/2“ hardware.
8. If your bumper is equipped with swing arms, you will need to attach the stainless-steel support straps and replace the tail gate striker bolt. This must be done one side at a time.
 - a. Open tail gate
 - b. Remove tailgate striker bolt.
 - c. Install support strap behind tailgate striker latch bolt. (This is the bolt your tailgate latches against.)
 - d. Repeat steps **a** thru **d** on other side of tailgate.
 - e. Bolt the straps to the Truck Tailgate Striker Bolt. From there, line up the vertical blades on each side with the strap's outer edges parallel with the outer edges of the bumper brush guard vertical blades. Verify that the bumper brush guard uprights are not leaning out or in and adjust as necessary to achieve a clean fit. Drill one or two 3/8-inch holes thru each strap and the vertical brush guard upright. NOTE: Drilling stainless steel requires slow rpm. Drilling fast will heat up and ruin the drill bit. Use wax to lubricate drill and countersink and take your time.
 - f. Repeat step **f and g** on other side.
 - g. Carefully open tailgate and check gap between straps and tailgate on both sides. If necessary, you may need to loosen the bumper mounting bolts and adjust bumper to achieve even gaps on both sides.



9. When installing your tire to the tire rack swing arm (if applicable), be sure to place the tire so that it rests on the two support arms before tightening anything down (**see Figure 1**)



Figure 1. Rest tire on both support arms (before tightening the lugs or ubolts down).
NOTE Your bumper may look different than the one seen in the above picture.