FRONT BUMPER INSTALLATION INSTRUCTIONS
03-09 Dodge Ram Truck

Please read before beginning

- *Save all of the stock bumper's fasteners—you will be using them to install your new Aluminess bumper*
- *This installation requires two people*

Supplied Hardware

- Angle brackets with 1/2 -13 welded nuts.
- 8 1/2 - 13 hex bolts.
- 4 1/2 -13 hex nuts.
- 400511 - Winch, Fairlead Cover   1
  - o   70008- 1/4-20 Nylock Nuts SS   2
  - o   70039- 1/4 x 7/8 Fender Washer SS   4
  - o   70060- 1/4-20 x 1" Button Head Bolt SS   2
- 400503.4 - Keys, Tool Box Lock Set   1

Installation instructions

- Unplug the fog light wire and disconnect the wire from the clip attached to the bumper
- The stock bumper is held in place by two bolt plates (see *Figure 1* below)—remove the nuts from these.

Figure 1: Bumper bolt plate

- Have someone hold the bumper while you remove these bolt plates—***CAUTION!—Once you pull out the bolt plates, the bumper will be free to fall. Do not lay under the bumper when removing these bolt plates.***

Figure 2: Vehicle front view with bumper removed

- Have someone hold the Aluminess bumper on the frame, line up the bolt holes and insert the bolt plates with the adjustment angle plates on the outside of the frame.
- Leave the bolt plates out so that the studs just show through the other side of the frame, and thread on the top nut on the stud first
- Push the bracket in all the way and thread on the bottom nut—do this for both sides, but do not fully tighten the nuts yet
- Check the bumper with a bubble level to make sure it is even, then examine the gap between the bumper and body on all sides to make sure it is not too close—it should be around ¾"
- If the bumper needs adjustments, it is sometimes helpful to support the bumper on blocks of wood and use a floor jack to lift and tilt the bumper until it is in the correct orientation. Adjustment of tilt is accomplished with the angle bracket bolts.
- Once the bumper is aligned properly, tighten down the bolts to a maximum of 80 ft-lbs

Figure 3: Correct body gap with new bumper installed

Accept no compromises, choose only quality off-road bumpers.