



ADDICTIVE DESERT DESIGNS

2007-2014 Tahoe/Suburban/Avalanche Stealth Front Bumper with Grille Installation Instructions

PREPARATION

1. Disconnect the negative terminal on the battery. Park the vehicle on level ground and set the emergency brake.
2. We recommend reading through the installation instructions in whole before performing the work.
3. Estimated Installation Time: **2 Hours**
4. You will need the following tools:
 - a. Ratchet
 - b. 7mm Socket
 - c. 10mm Socket
 - d. 18mm Socket
 - e. 13/16" Socket
 - f. 3/4" Socket & Wrench
 - g. Cutting Wheel
 - h. Grinding Wheel
 - i. Utility Knife

Note: this installation requires 2 people for best results
5. Included in Kit:
 - 2 – Grade 8 Bolts – 1/2"-20 x 5 1/2"
 - 2 – Grade 8 Bolts – 1/2"-20 x 5"
 - 8 – Washers – 1/2"
 - 4 – Metal Lock Nut – 1/2"-20

REMOVAL

1. From underneath the vehicle, unplug both fog light connectors.
2. Remove the 10mm bolts (x6) on the top side of the grille. (Fig A)



3. Remove the front/lower 7mm bolts (x2) and plastic clips (x3) in each wheel well. (Fig B)

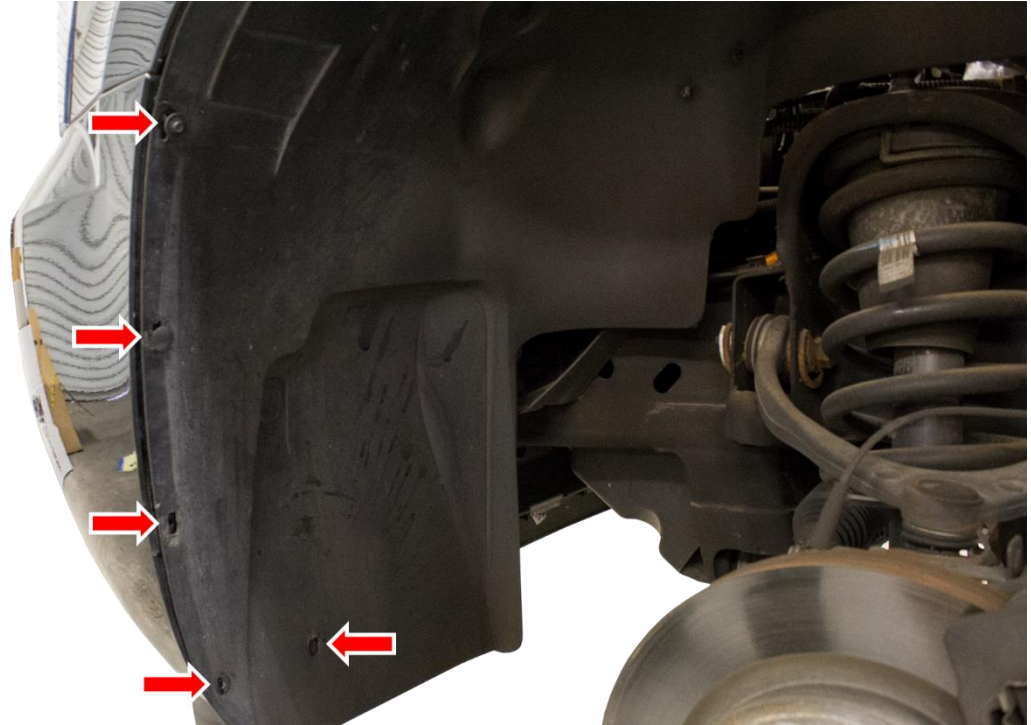


Fig B

4. Underneath the vehicle, right next to the frame rails, there is a 10mm bolt (per side) that needs to be removed. (Fig C)

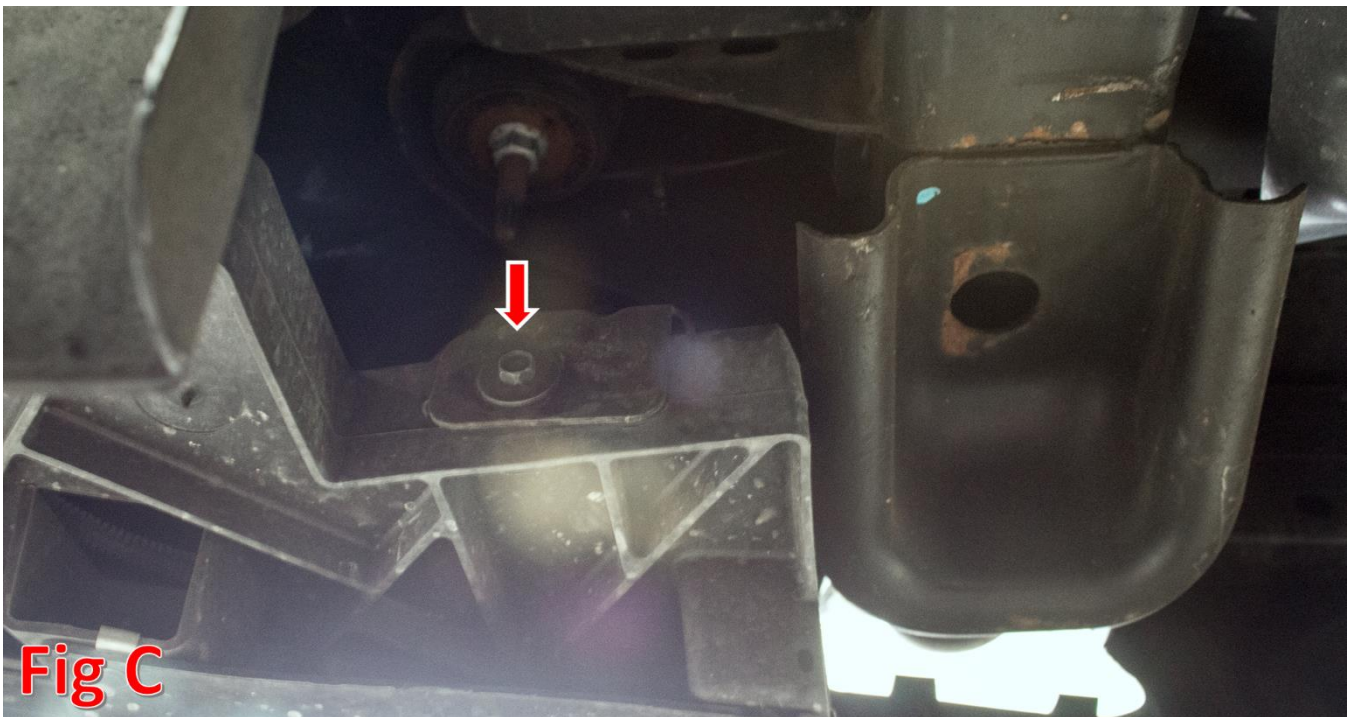


Fig C

5. In the front part of each wheel well, pull the liner back and remove the two 10mm bolts (per side) just inside of the that liner. (Fig D)

6. Carefully pull the plastic fascia off of the vehicle. (Fig E) Your vehicle should still have the headlights in place despite what is shown in Fig E.



7. Remove the 13/16" bolts (x2) that hold on the bumper. Then, remove the bumper. (Fig F)



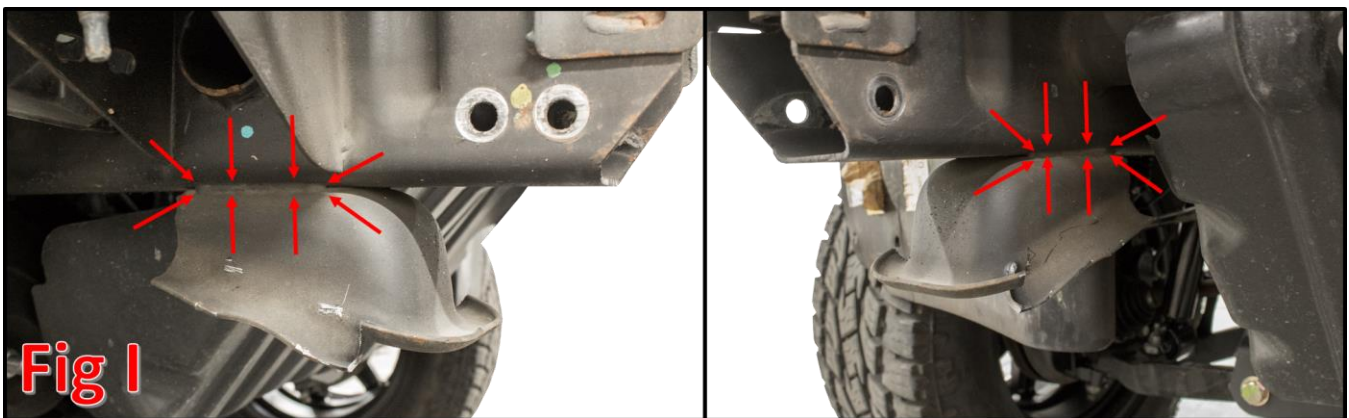
8. Remove the 18mm bolts (x2) that hold on each tow hook. Then, remove the tow hooks. (Fig G)



9. Remove the skid plate mounting bolts (x4). Then, remove the skid plate. (Fig H)



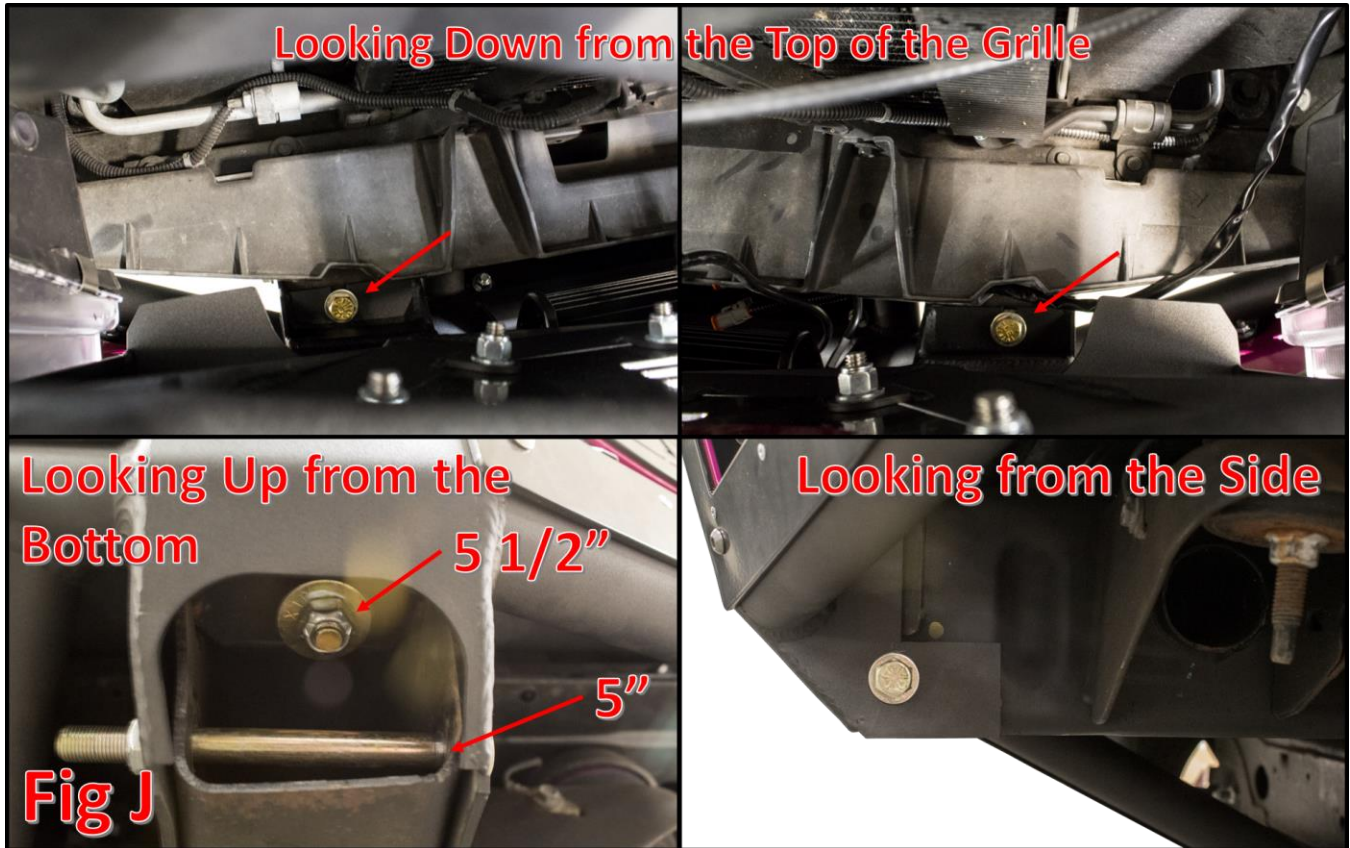
10. Cut the bells off of your frame rails. There is a weld running down the side of each one. Use a cutting wheel and cut the weld on both sides of each bell. Once the bells are cut off, grind the area smooth and make sure to paint any exposed metal. (Fig I)



11. Prepare to install your new ADD Stealth Front Bumper.

INSTALLATION

1. If you purchased any lights with your bumper, now is a good time to install those. Follow the light manufacturer's instructions for mounting and lighting information.
2. Line the mounting holes on the bumper up with the mounting holes on the vehicle's frame horns. We use one vertical through bolt and one horizontal through bolt (per side). The longer of the supplied bolts (5 1/2" long) must get used as the vertical bolts. The remaining 5" long bolts get used as the horizontal through bolts. Leave these bolts finger tight for now. (Fig J)



3. Once all bolts are in place, line the bumper up so that it is straight in relation to the headlights/fender. Then, tighten the mounting bolts to 70 foot pounds.
4. Trim the inner fender liners to preference. We recommend following a line similar to what is shown in Fig K.



5. Stand back and enjoy your new ADD Stealth Front Bumper.
6. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



Looking for dependable off-road bumpers? Rely on Addictive Desert Designs for quality and long-lasting products.