

Preparation:

- Disconnect the negative battery terminal. Park the vehicle on level ground and set the emergency brake.
- We recommend reading through the installation instructions in whole before performing the work.
- Estimated Installation Time: **2 Hours**
This installation requires 2 people for best results

You will need the following tools:

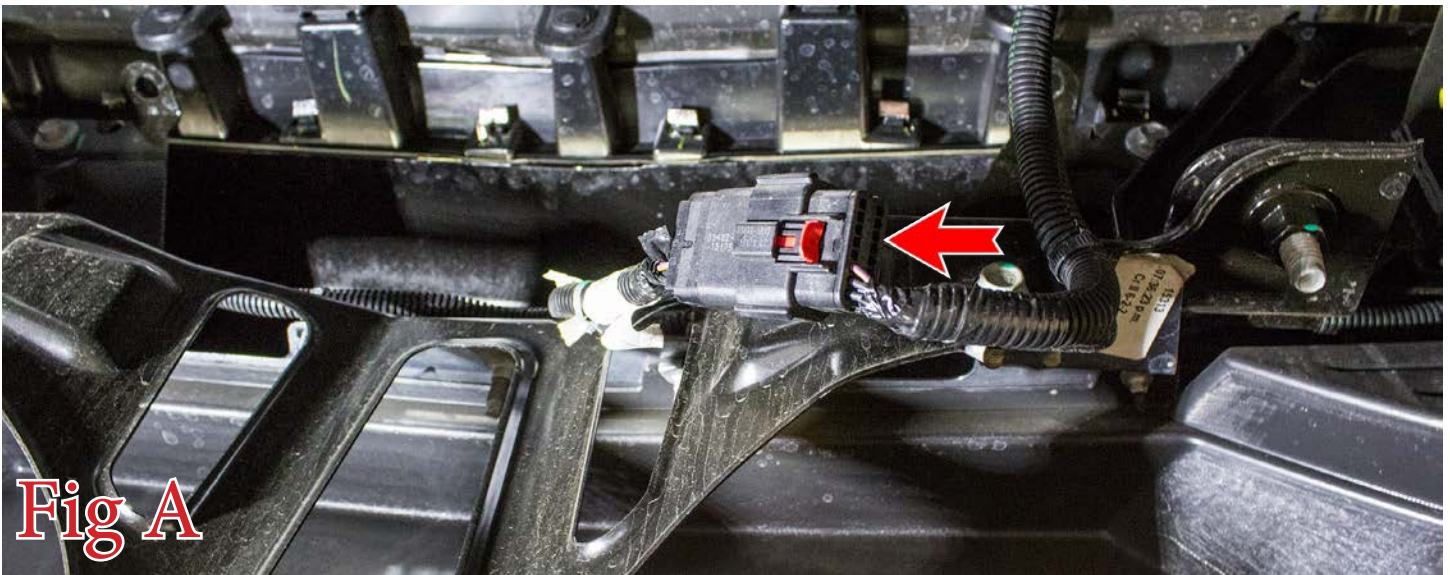
- | | | |
|---------------|-----------------|------------------|
| - Ratchet | - 10mm Socket | - 15mm Socket |
| - 18mm Socket | - Cutoff Wheel | - Grinding Wheel |
| - Black Paint | - Utility Knife | |

Included in Kit:

Reuse Stock Hardware

Removal:

1. Underneath the vehicle, unplug the main fog light harness connector. (Fig A)



2. Under the hood of your truck, remove the plastic clips (x12) that hold on the radiator cover. Once the clips are gone, remove the radiator cover. Save the plastic clips you remove in this step. (Fig B)



3. Underneath the radiator cover there are four 10mm bolts that need to be removed. Once these bolts are removed, carefully pull the grille off the vehicle. Save the bolts you remove in this step. (Fig C)



4. Underneath the vehicle, towards the wheel well, you will find a bumper side support bar. Remove the two 15mm bolts holding this bar to the frame. Repeat this step on the other side of the vehicle. (Fig D)

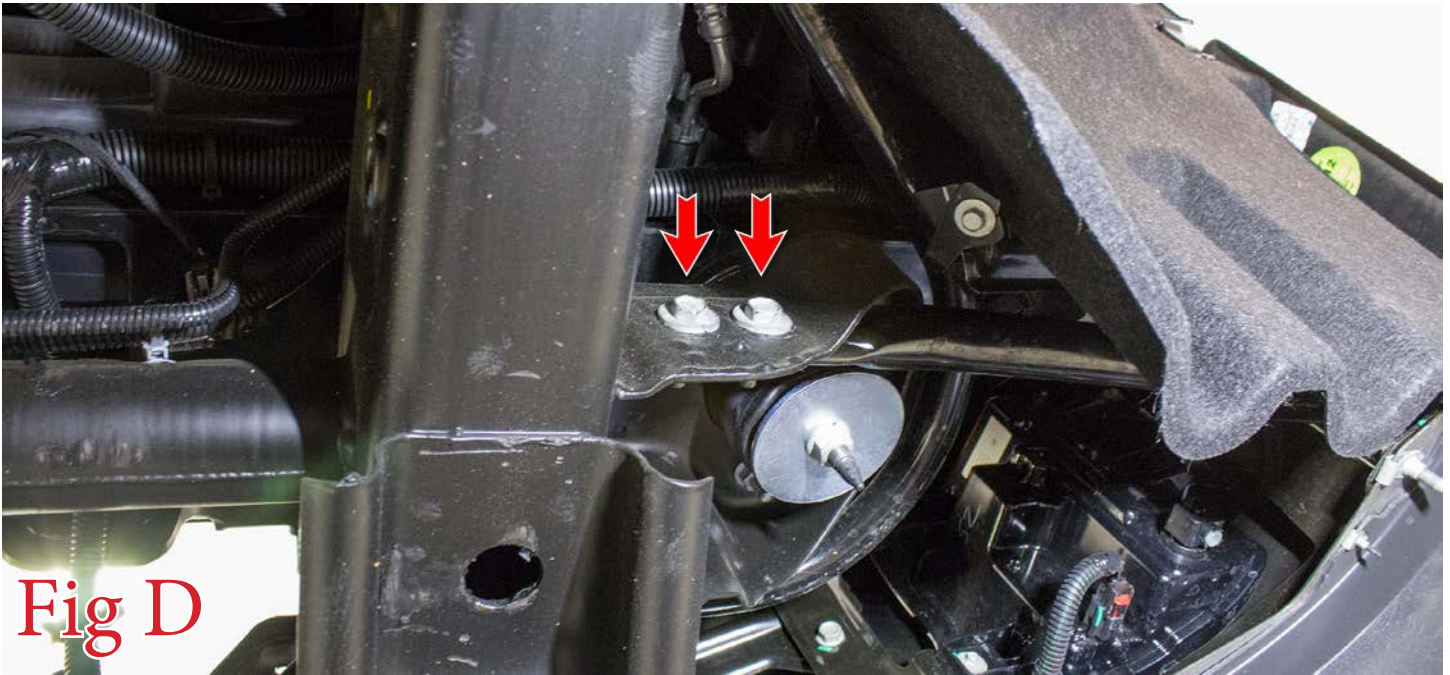


Fig D

5. There are two 18 bolts per side that hold the bumper to its mounting bracket. Remove these bolts (x4), then remove the bumper from the vehicle. (Fig E)

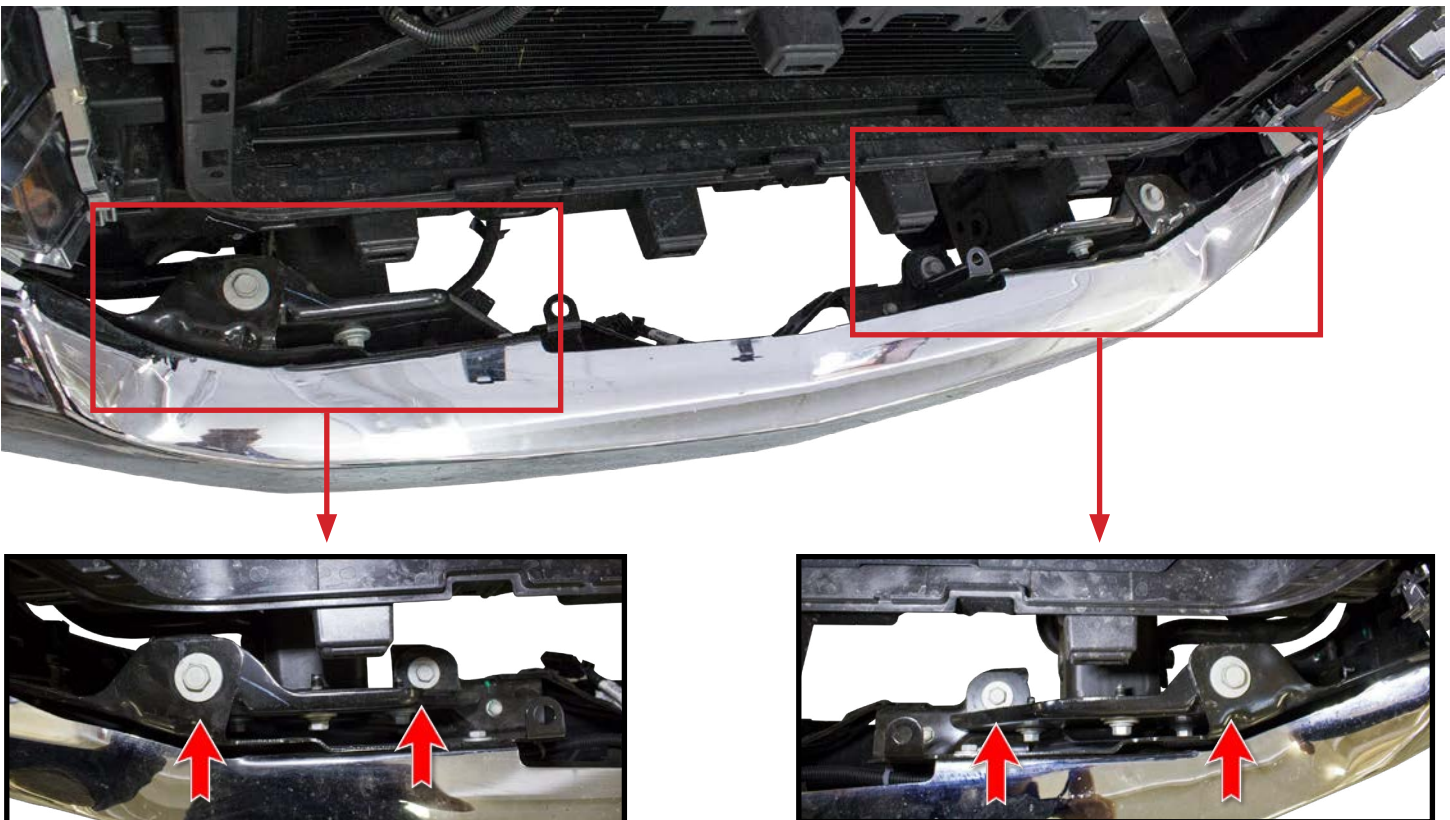


Fig E

6. Remove the 15mm bolts (x3) that hold each bumper bracket to the frame horns. Save these bolts for reuse. With the bolts removed, take off each bracket. (Fig F)

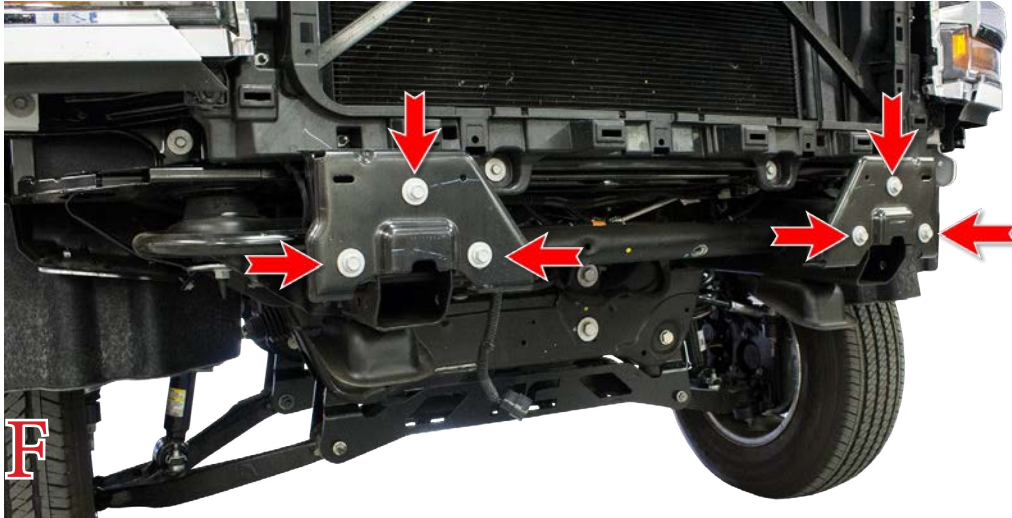


Fig F

7. Using a 15mm Socket, remove the skid plate mounting bolts (x4). Then, remove the skid plate. (Fig G)



Fig G

8. Carefully press your grille back onto the vehicle until you hear it click into place.
9. Reinstall the bolts you removed in Step 3.
10. Place the radiator cover back in place, then reinstall the plastic clips you removed in Step 2. Your vehicle should now look like the truck in (Fig H).



Fig H

11. Cut off the two bells on your frame, just behind the bumper mounting horns. There are two welds (one along each side) holding on each bell. With a cutoff wheel, cut through those welds. Once you cut through both welds, the bells will come off. Make sure to grind your frame smooth and paint over any exposed metal. (Fig I)

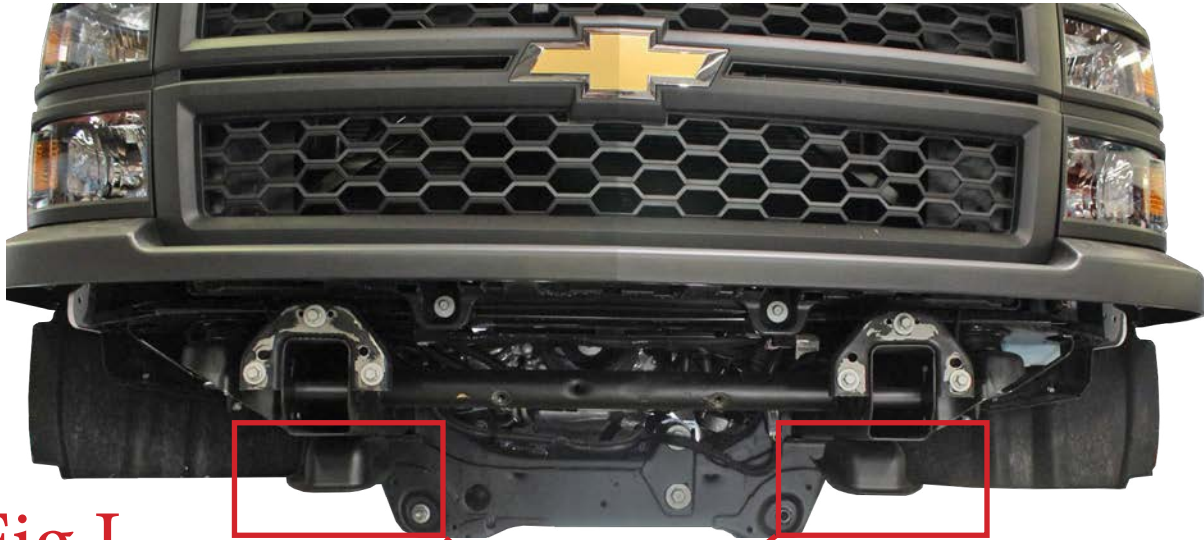
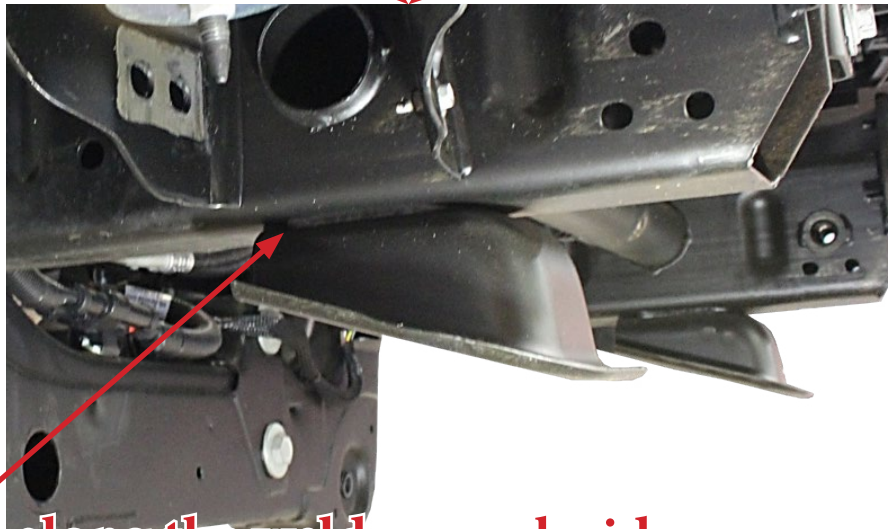


Fig I



Cut along the weld on each side

Installation:

12. If you have any lights to install on your bumper, now is a good time to do so. Please follow the light manufacturer's guide for wiring/mounting information.
13. Align the mounting holes on your bumper with the mounting holes on your vehicle's frame horns. Then, secure the bumper by loosely installing the bolts (x6) that were removed in Step 6. (Fig J)



Fig J

14. Align your bumper so that it sits straight in relation to your grille/headlights. Then, tighten the mounting bolts (x6) to OEM torque spec.
15. Using a utility knife, or something similar, trim your inner fender liner to preference.
16. Stand back and enjoy your new ADD Lite™ Front Bumper.
17. Check and re-tighten, if necessary, all mounting bolts after 100 miles and periodically thereafter.

