



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 | - 21mm Socket | - 3/4" Socket & Wrench |
| - 10mm Wrench | - Wire Crimpers | - Butt Connectors (x4) |

Included in Kit:

- | | |
|---------------------------------------|---------------------------------|
| 4 - Hex Head Bolts (1/2"-13 x 1 1/2") | 8 - Flat Washers (1/2") |
| 4 - Nylon Lock Nuts (1/2"-13) | 1 - LED License Plate Light Kit |
| 2 - Bumper Mounting Brackets | |

Removal:

1. From underneath the truck on the driver side, unplug the bumper harness connector that runs along the rear frame rail. Then, remove the plastic clip to free the bumper side of the harness from the vehicle's frame rail. (Fig A)

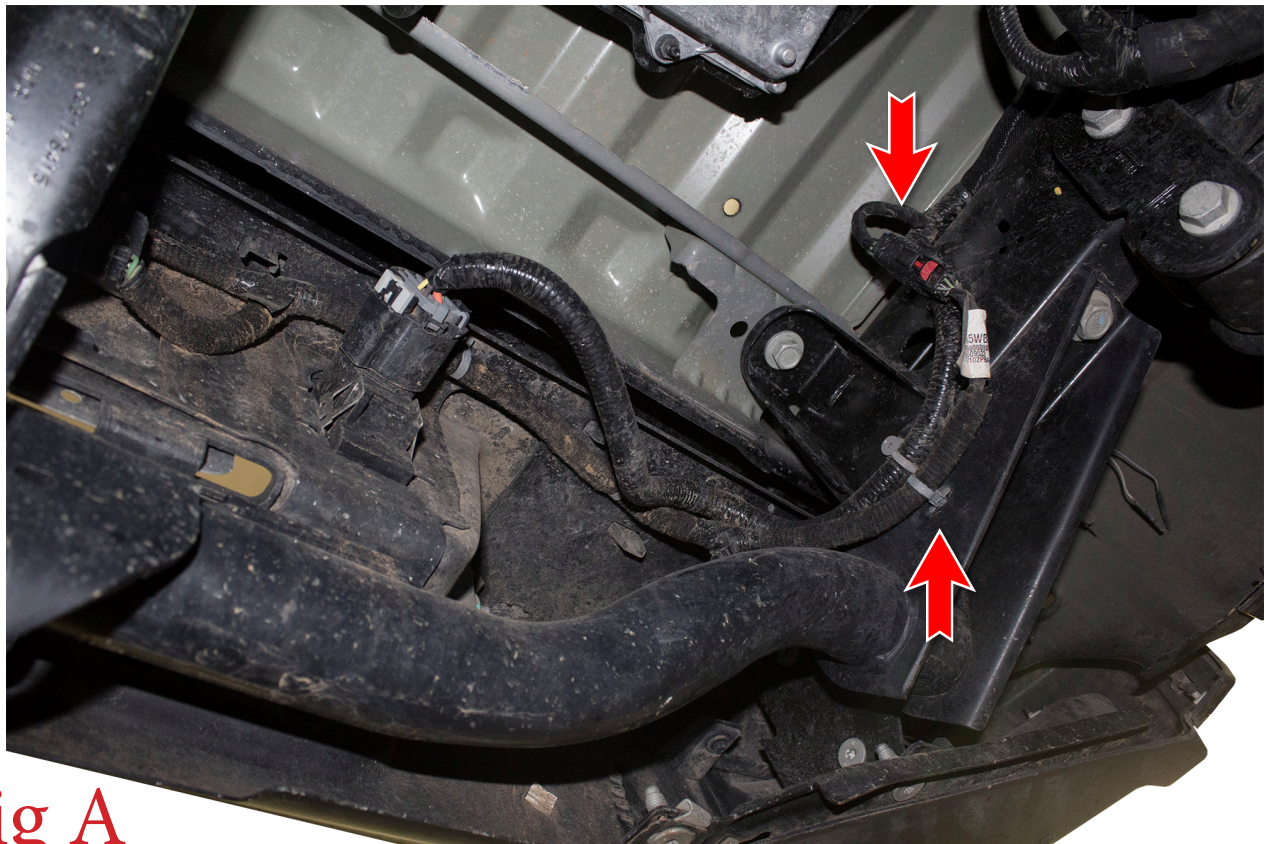


Fig A



2. From underneath the truck, unplug the trailer plug connector. Then, remove the trailer plug from the OEM bumper by pressing in the two metal tabs on the back side and pushing it out the front of the bumper. (Fig B)



Fig B

3. From underneath the truck, unplug the connector that sits in the center of the truck just behind the OEM bumper. (Fig C) shows the location of this connector.



Fig C



4. Using a 21mm Socket, remove the bumper mounting bolts (2 per side). These bolts are located on the outer face of the frame rails. Then, remove the OEM bumper from the vehicle. Save these bolts for reuse. (Fig D)

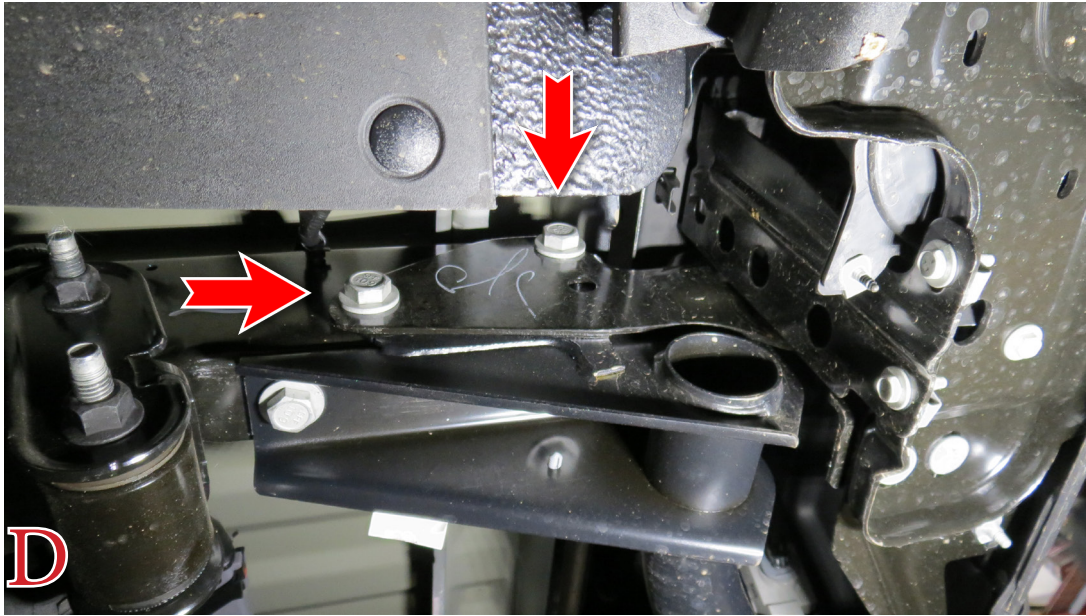


Fig D

5. Remove the license plate light harness from the OEM bumper by releasing the series of plastic clips that holds it in place. (Fig E)



Fig E

6. Prepare to install your new ADD Stealth Fighter™ Rear Bumper.

Installation:

7. If you have lights to install on your bumper, now is a good time to do so. ****After you install your cube lights, cut the remainder of the threads off the end of the bolt so its sits flush with the nut.****



8. Set your Bumper Mounting Plates in place. Then, secure them with the bolts you removed in Step 4. Leave these bolts loose for now. (Fig F)



Fig F

9. Install the License Plate Light Harness on the vehicle. Simply plug it in and lay it in place to be used once your new bumper goes on.

10. Hold the bumper in place on the vehicle. Then, secure the bumper to the Bumper Mounting Brackets using the supplied 1/2" Bolts (x4), 1/2" Washers (x8), and 1/2" Lock Nuts (x4). Leave these bolts loose for now. (Fig G)



Fig G



11. Align the bumper's height so that it sits straight in relation to the tailgate. Then, torque the bolts you installed in Step 7 to the manufacturer's torque specification.
12. Center the bumper left to right. Then, torque the bolts you installed in Step 10 to 70 foot pounds.
13. Install your license plate using the supplied LED License Plate Light Kit as the mounting bolts. Make sure the LEDs are facing down towards the license plate. (Fig H)



Fig H

14. Cut your license plate lights off the license plate light harness. Butt connect the red wires from the LED Light Kit to the green wires from your vehicle's harness. Butt connect the black wires from your LED Light Kit to the black wires from your vehicle's harness. (Fig I)

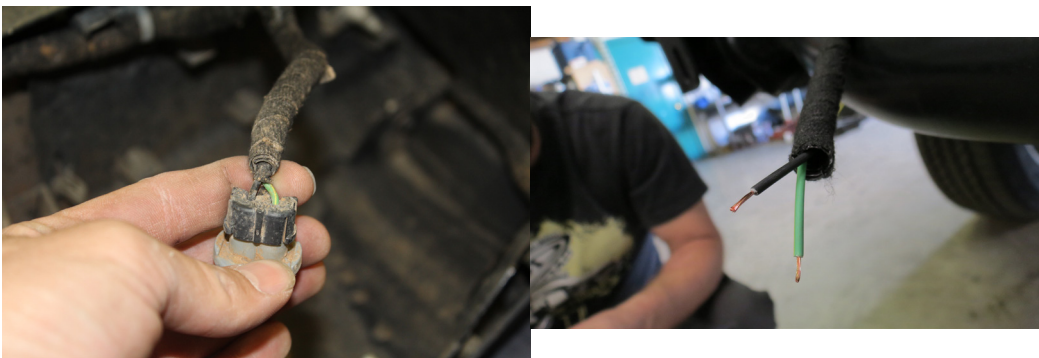


Fig I

15. Push the trailer plug into its precut hole in your bumper. Then, reconnect the connector on the back side of the trailer plug.



16. Stand back and enjoy your new ADD Stealth Fighter™ Rear Bumper.
17. Check and retighten, if needed, all mounting bolts after 100 miles and periodically thereafter.



For Additional Support or Technical Questions
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