

ADDICTIVE DESERT DESIGNS

2016 – Current Nissan Titan Venom R Front Bumper 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. 12mm Socket
 - c. 14mm Socket
 - d. 17mm Socket

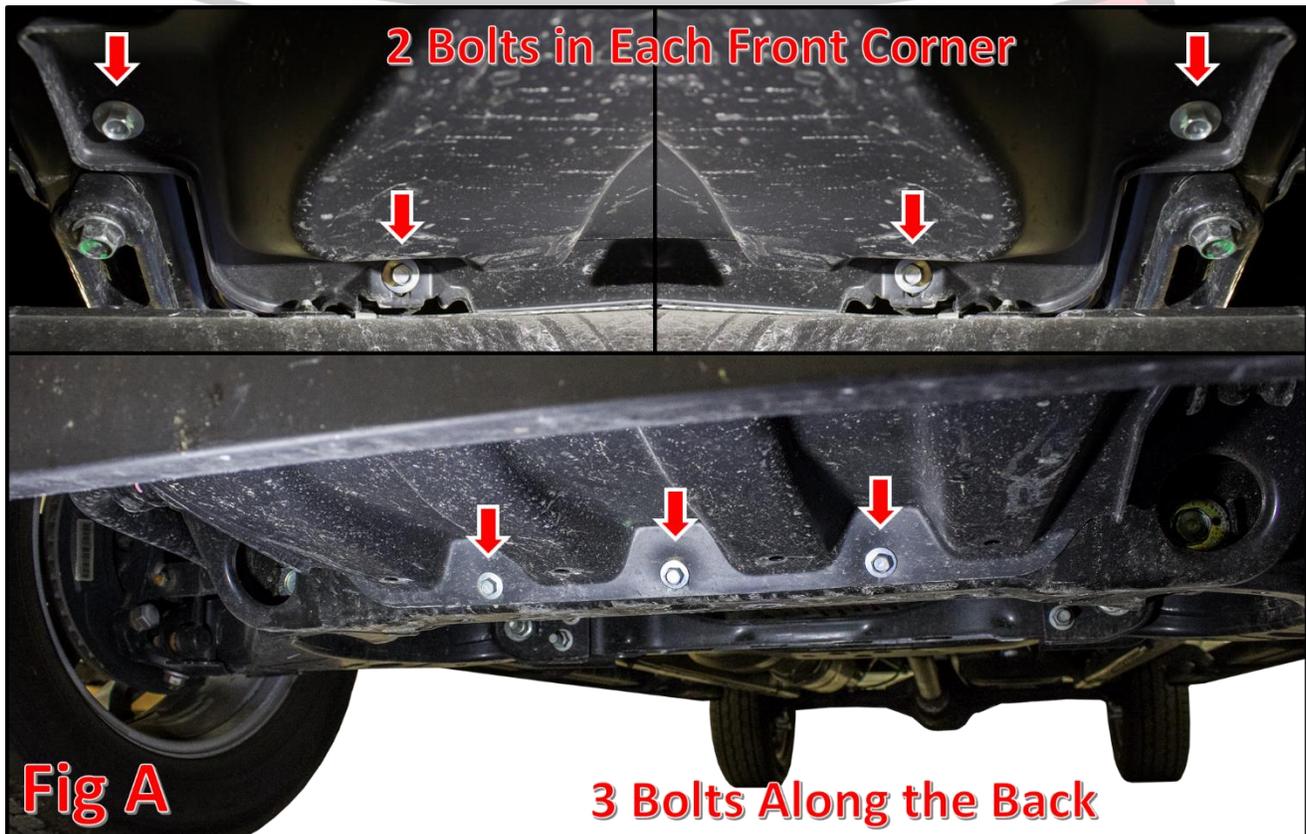
Note: this installation requires 2 people for best results

5. Included in Kit:

Reuse Stock Hardware

REMOVAL

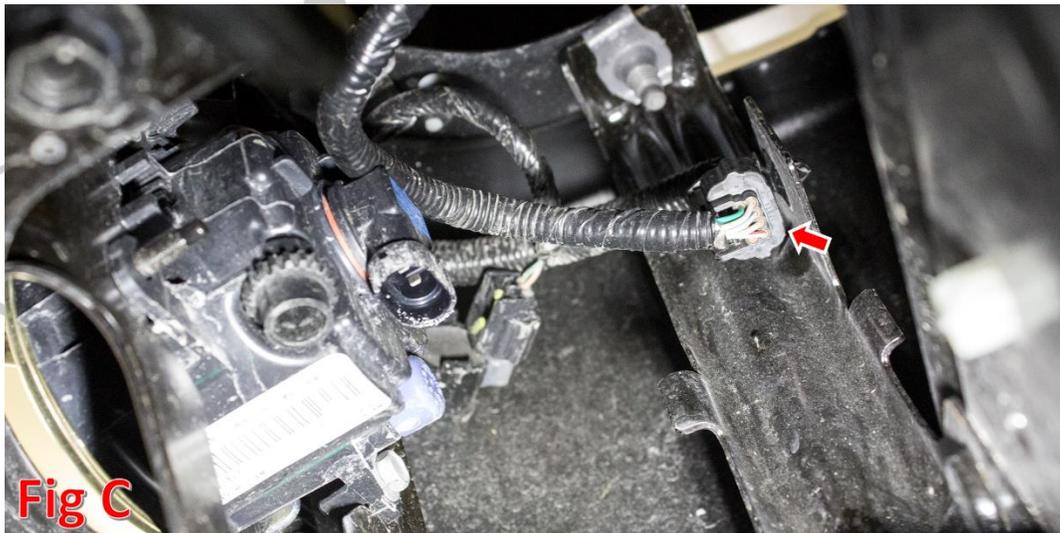
1. Use a 12mm Socket to remove the OEM Skid Plate mounting bolts (x7). Then, remove the Skid Plate. (Fig A) **Save two of these bolts for reuse.**



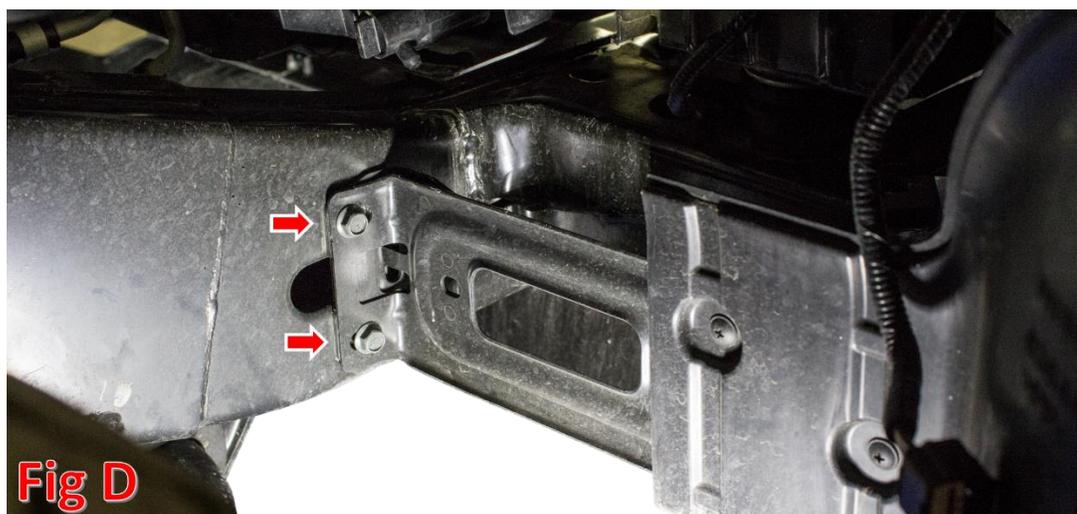
2. Remove the connectors from the back side of the fog lights. (Fig B)



3. Unplug the main harness connector for the front parking sensors. This connector is right by the passenger side fog light. (Fig C)



4. Use a 12mm Socket to remove the mounting bolts (2 per side) for the bumper side supports. This picture was taken looking in from the wheel well. (Fig D)



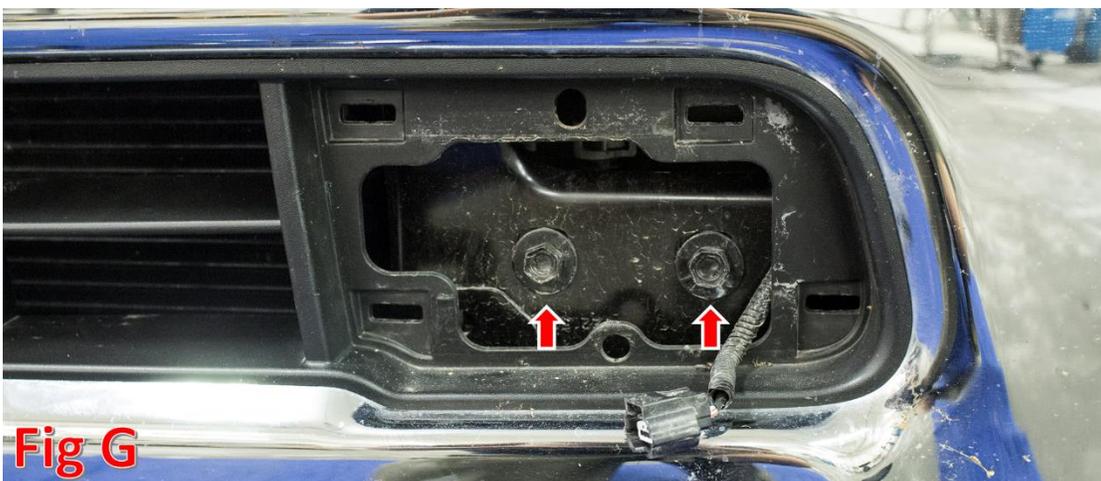
5. Use a 17mm Socket to remove the Tow Hook mounting bolts (2 per hook). Then, remove the Tow Hooks. (Fig E)



6. Pull off the two Front Plastic Covers that hide the bumper mounting bolts. There are no tools required for this step, they simply pull off by hand. (Fig F)



7. Use a 14mm Socket to remove the upper Bumper Mounting Bolts (2 per side). (Fig G)



- Underneath the truck, there are two more Bumper Mounting Bolts (1 per side). Near the front of the truck there are extensions that come off the frame on either side. The bolts are on these extensions. Refer to Fig H.

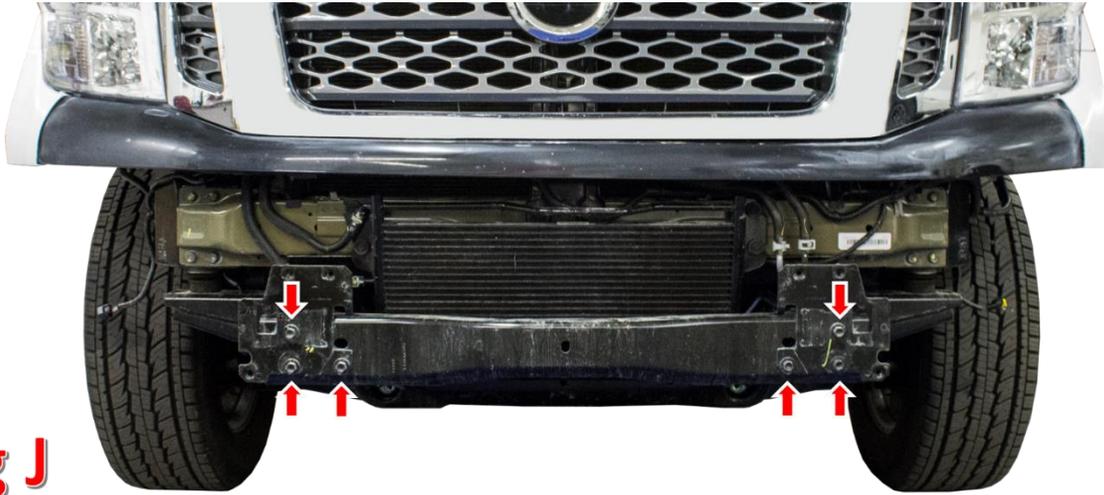


- Pull the Front Bumper off of the truck. There is a small hook where each bumper side support meets the frame. Make sure this is released as you take the bumper off. This step is better performed with two people. (Fig I)



- Use a 14mm Socket to remove the mounting bolts for the front Bumper Mounting Plates (3 per side), then remove these plates. **Save these bolts for reuse.** (Fig J)

Fig J



11. Prepare to install your new ADD Venom R Front Bumper.

INSTALLATION

1. If you have any lights to install on your new bumper, now is a good time to do so. Please follow the light manufacturer's installation guide for wiring/mounting information.
2. Line up the mounting holes on the back of your new bumper with the mounting holes on your vehicle's frame. Then, secure the bumper by loosely installing the bolts you removed in Removal Step 10. (Fig K)



Fig K

3. Use two of the bolts you removed in Removal Step 1 to secure the skid plate portion of your new bumper. (Fig L)



4. Align the bumper so that it sits straight in relation to the truck's valance. Then, tighten all the mounting bolts to the OEM torque specifications.
5. Stand back and enjoy your new ADD Venom R Front Bumper.
6. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.



**For Additional Support or Technical Questions,
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