

# ADDICTIVE DESERT DESIGNS

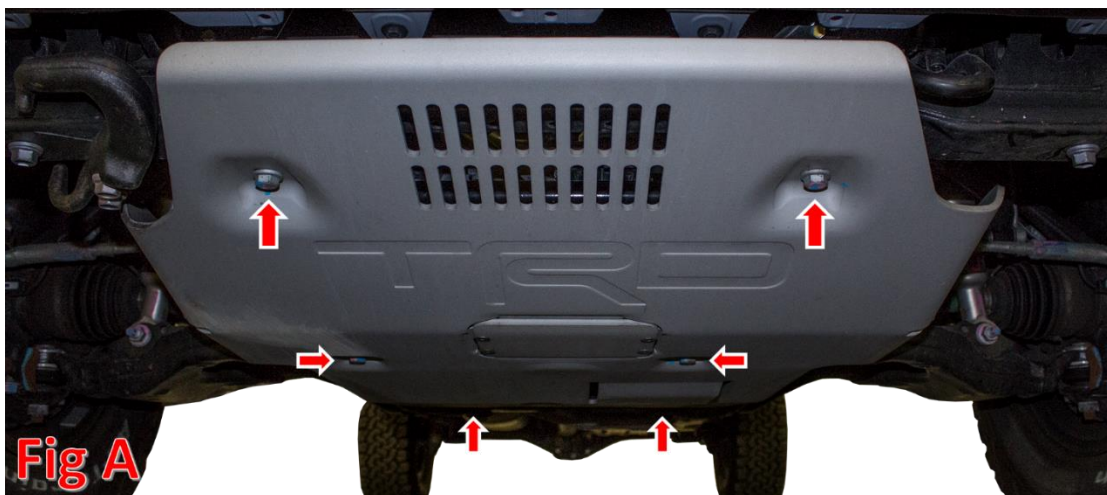
## 2016 – Current Toyota Tacoma HoneyBadger Front Bumper Installation Instructions

### PREPARATION

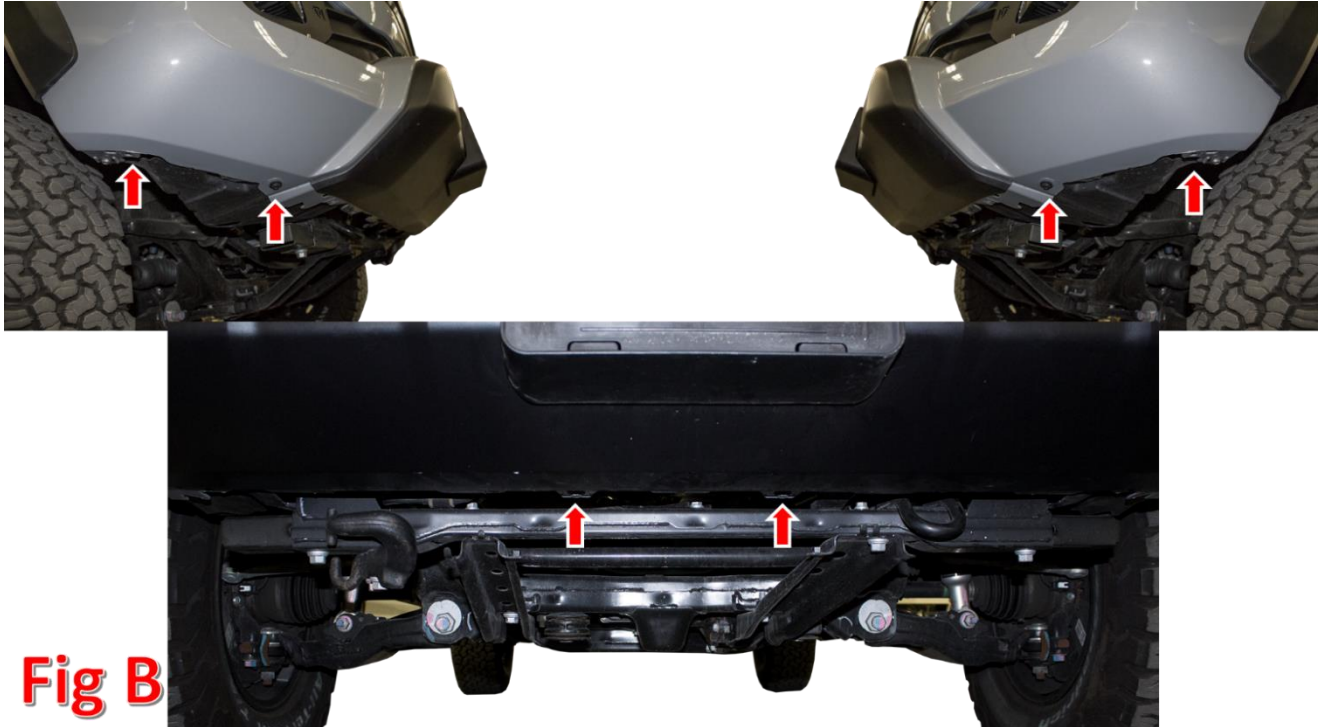
1. Disconnect the negative terminal on the battery. Park the vehicle on level ground and set the emergency brake.
  2. We recommend reading through the installation instructions in whole before performing the work.
  3. Estimated Installation Time: **3 Hours**
  4. You will need the following tools:
    - a. Ratchet
    - b. 10mm Socket
    - c. 12mm Socket
    - d. 14mm Socket
    - e. 17mm Socket
    - f. 3/16" Allen Wrench
    - g. 1/2" Wrench
    - h. Cutoff Wheel
    - i. Measuring Tape
- Note: this installation requires 2 people for best results*
5. Included in Kit:
    - 1 – A/C Line Bracket
    - 1 – Button Head Bolt – 3/8"-16 x 1"
    - 1 – Washer – 3/8"-16
    - 1 – Nylon Lock Nut – 3/8"-16

### REMOVAL

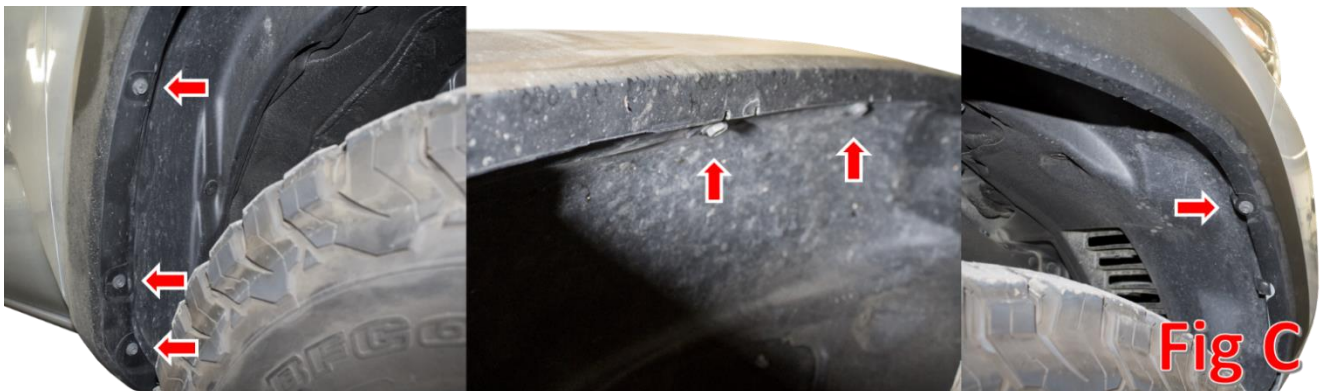
1. From underneath the truck, unplug the connector on the back side of your fog lights.
2. Using a 17mm and a 12mm Socket, remove your skid plate mounting bolts (x6), then remove the skid plate. (Fig A)



- Using a 10mm Socket, remove the lower Bumper Bolts (x6). (Fig B)



- If your vehicle has fender flares, use a 10mm Socket to remove the fender flare bolts along the inside of your wheel well (6 per side). (Fig C)

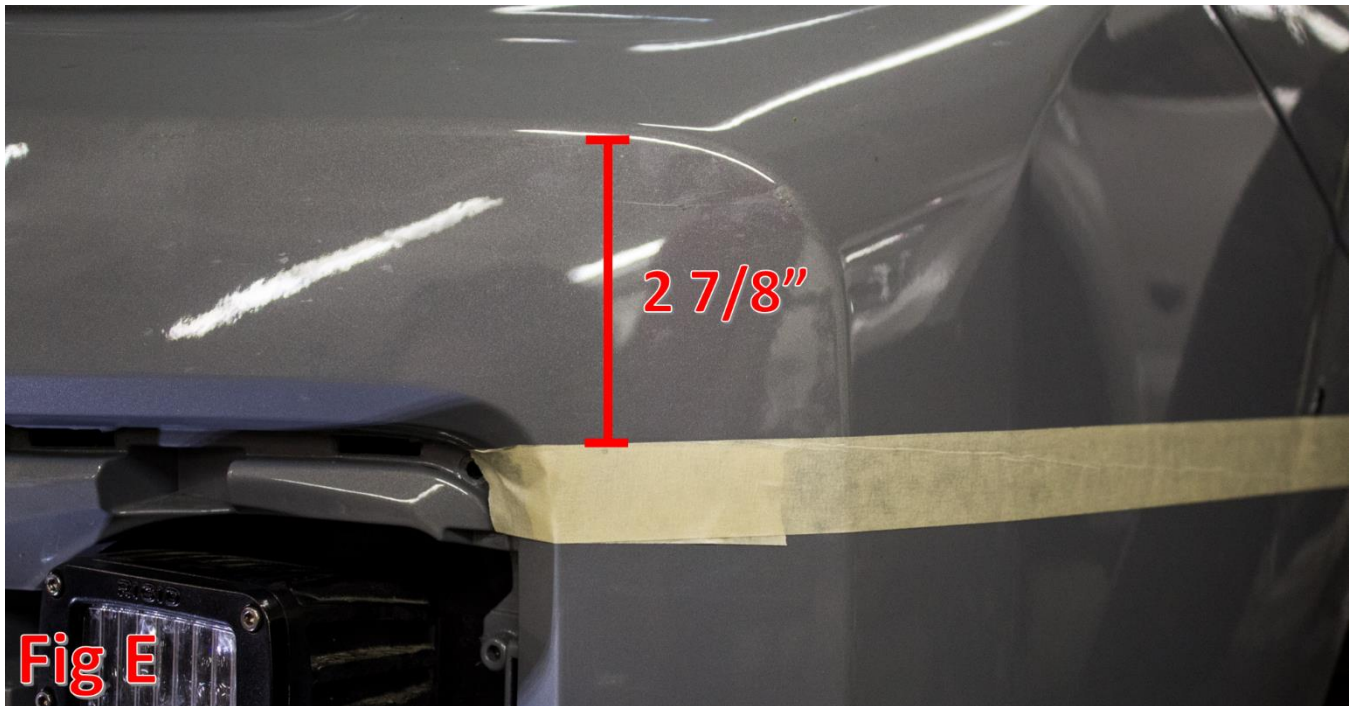


- Release enough of the plastic clips holding your fender flare on to be able to pull it back and out of your way. You may remove this flare completely if you desire, but it is not necessary. (Fig D)



6. Measure and cut your OEM bumper.

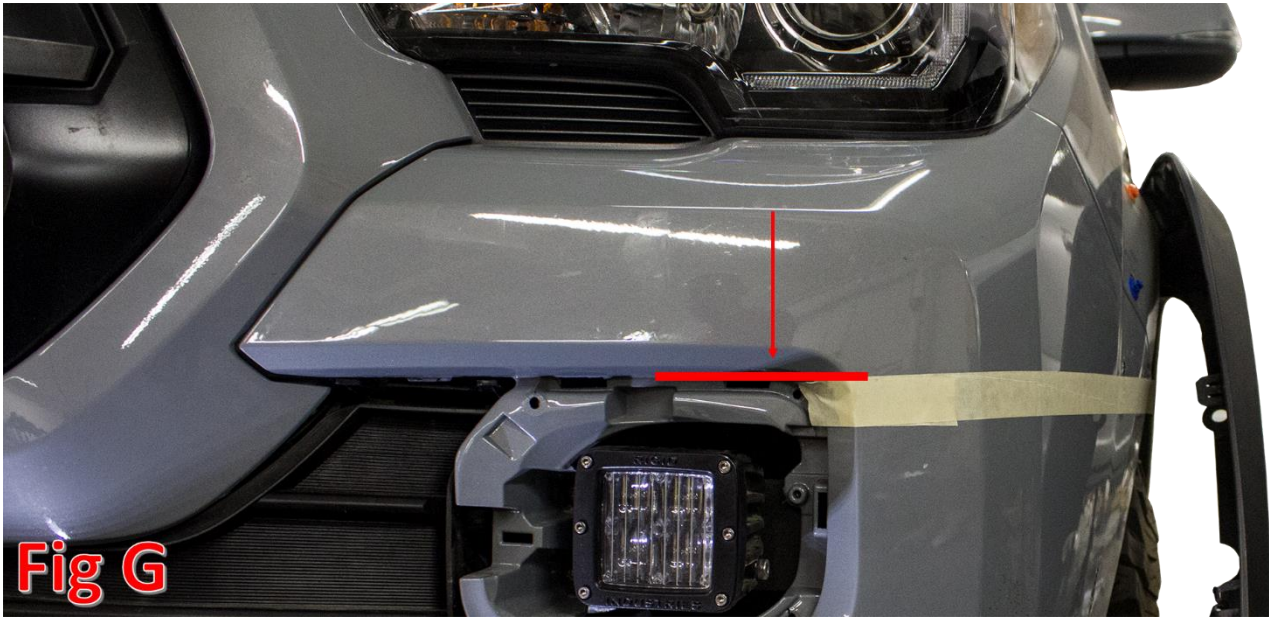
- a. Follow the bodyline just above your fog light. Measure from the bottom of the radius of this body line downwards  $2\frac{7}{8}$ ". (Fig E)



- b. Find the union between the fender and the bumper. (Fig F)



- c. Follow the body line at the top of the fog light pocket. (Fig G)



d. Join these three points together to form a line. (Fig H)



e. When you cut this line, leave about 1/8"-1/4" of material to ensure you do not cut off too much material. (Fig I)



7. Repeat Step 6 on the other side of the vehicle. Then, pull the OEM bumper off the vehicle. Release the series of plastic clips holding the black plastic inset onto the grille as you pull the bumper off so that it will come off with the bumper. (Fig J)



**Fig J**

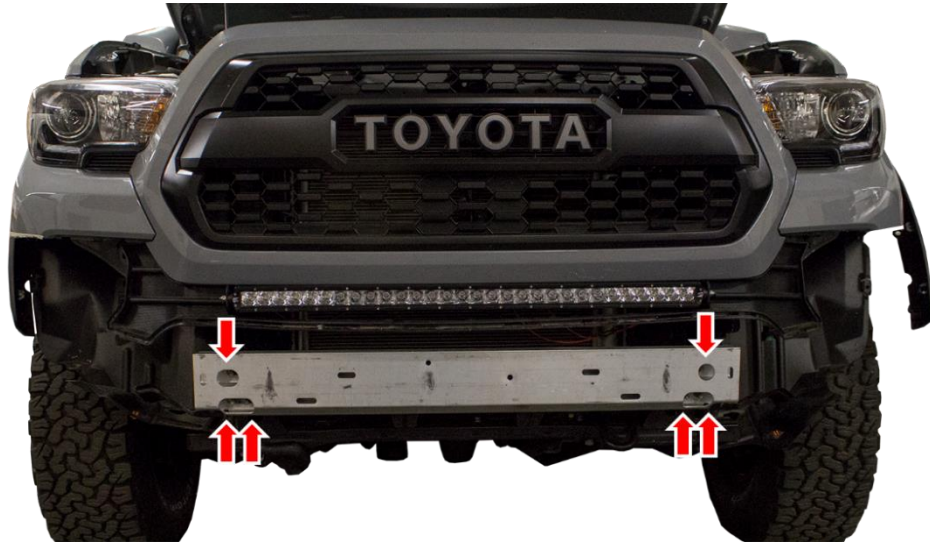
8. Remove the black plastic impact damper by releasing its plastic clips and pulling it off the vehicle. (Fig K)



**Fig K**

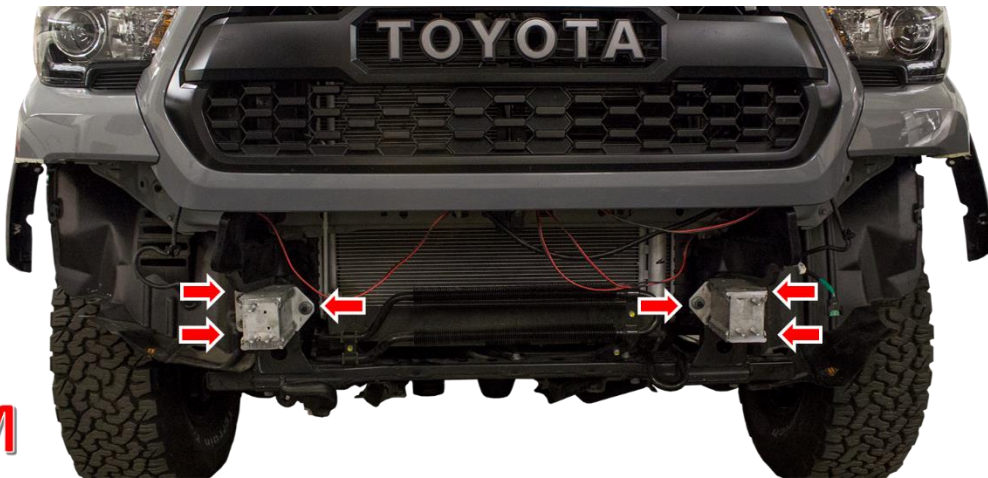
9. Using a 14mm Socket, remove the Aluminum Bumper mounting bolts (x6), then remove the Aluminum Bumper. (Fig L)

**Fig L**

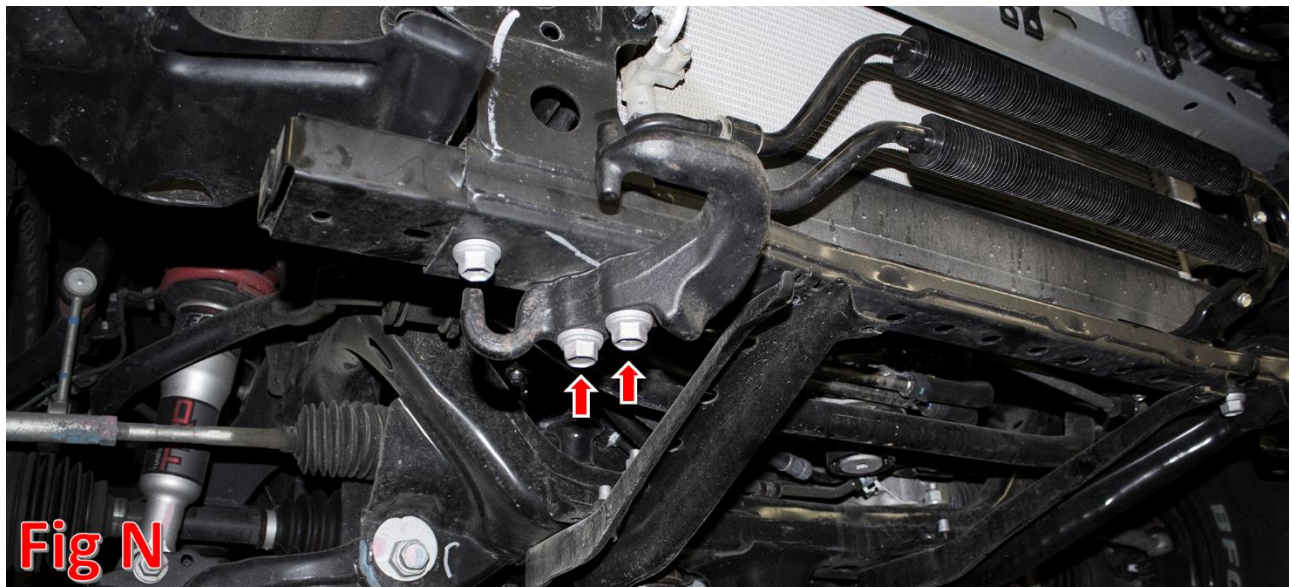


10. Using a 14mm Socket, remove the Bumper Mount nuts (x6). Then, remove both the Bumper Mounts. (Fig M) \*\*SAVE THESE NUTS FOR REUSE

**Fig M**



11. Using a 17mm Socket, remove the passenger side tow hook mounting bolts (x2). Then, remove the tow hook. (Fig N)



**Fig N**

12. Using a cutoff wheel, cut the driver side tow hook off flush with front cross member. Be sure to paint over any raw metal. (Fig O)



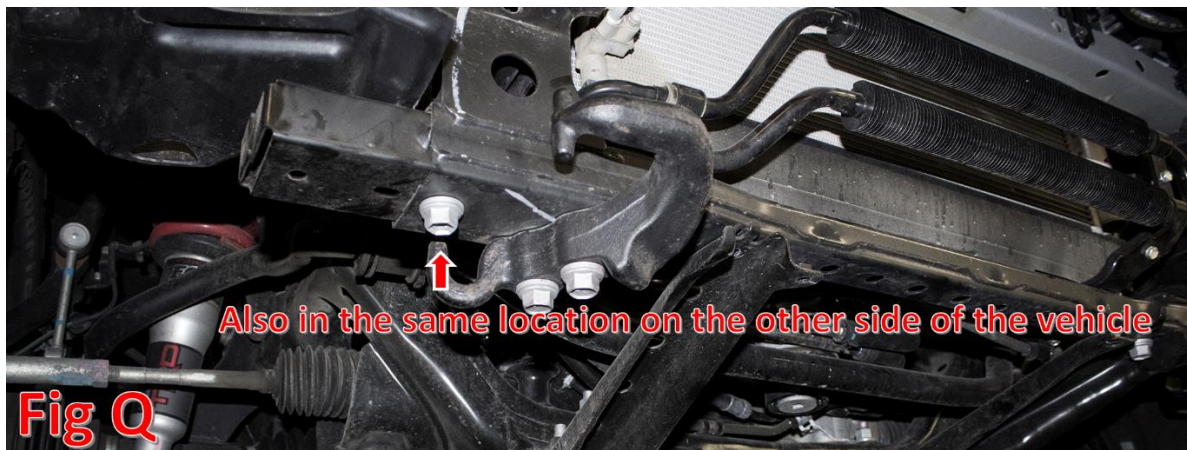
**Fig O**

13. Using a 17mm Socket, remove the lower cross member mounting bolts (x4). Then, remove these crossmembers. (Fig P) \*\*SAVE TWO OF THESE BOLTS FOR REUSE



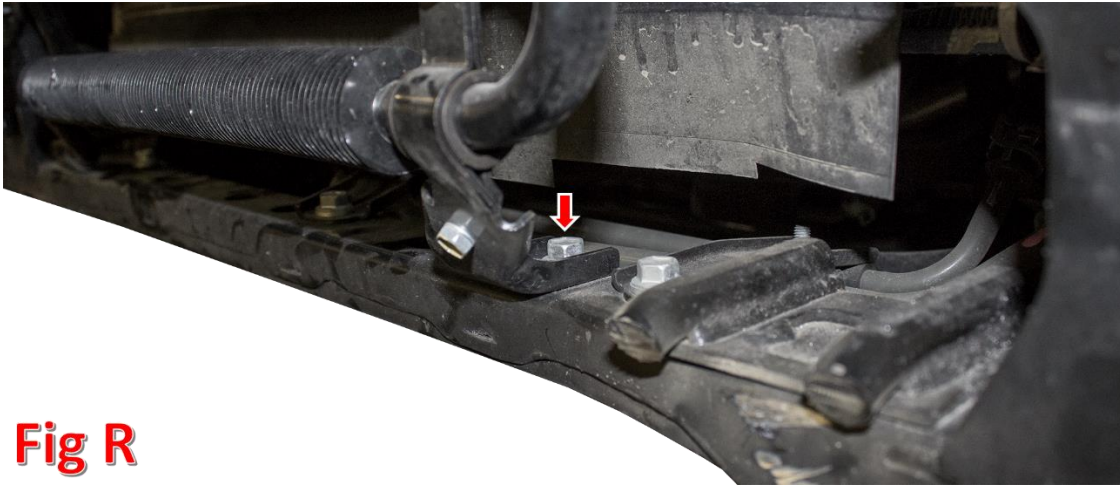
**Fig P**

14. Using a 17mm Socket, remove the frame extension mounting bolts (1 per side). Then, remove the frame extensions. (Fig Q)



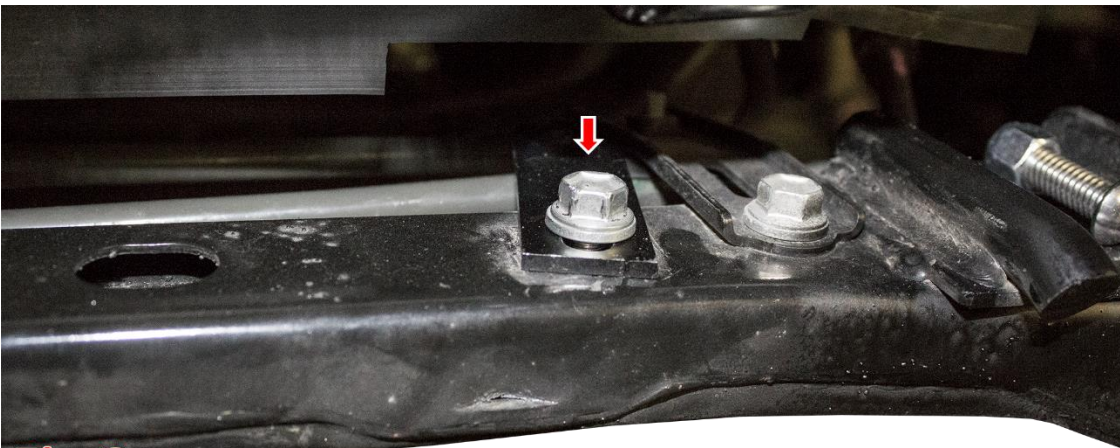
**Fig Q**

15. If you do not have a winch bumper, move on to Step 17. Using a 14mm Socket, remove the driver side bolt for the power steering cooler. (Fig R)

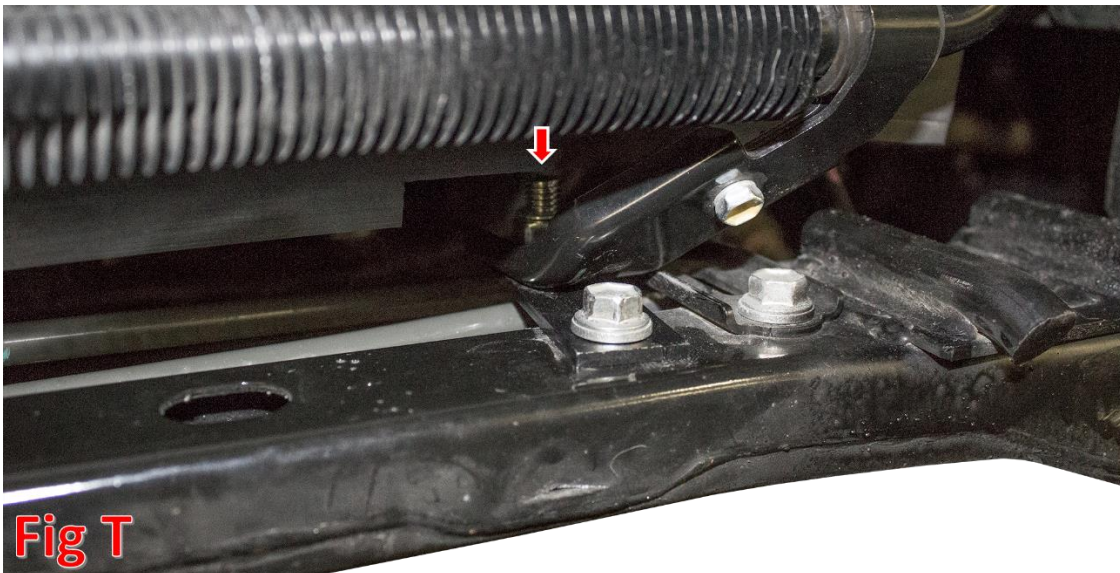


**Fig R**

16. Install the supplied power steering cooler bracket.
- a. Bolt the bracket to the stock cooler location using the OEM bolt. (Fig S)
  - b. Bolt the cooler to the supplied bracket using the supplied 3/8" Bolt, Washer, and Nut. (Fig T)



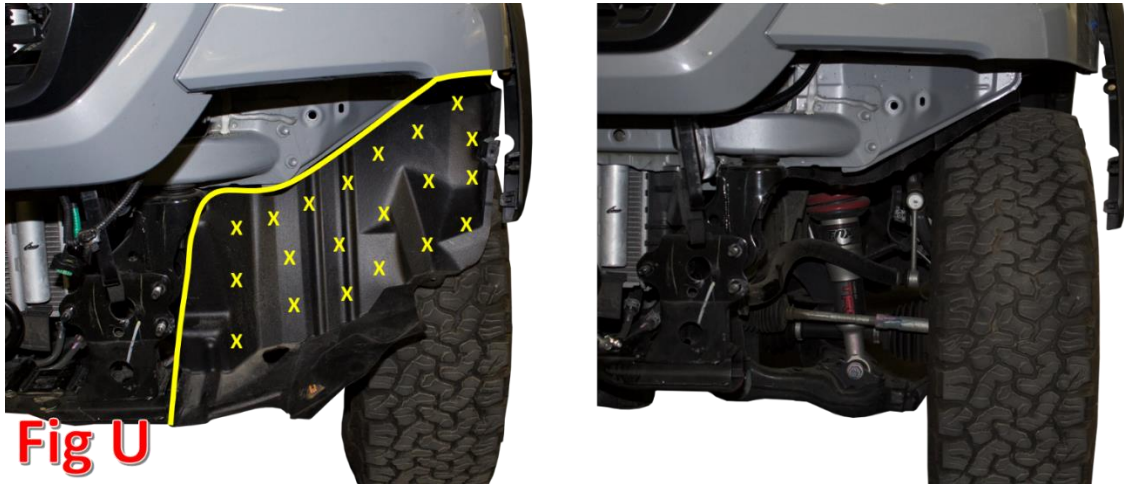
**Fig S**



**Fig T**



17. Using a utility knife or a cutoff wheel, cut your inner fender liner as shown in Fig U.



**Fig U**

18. Prepare to install your new ADD HoneyBadger Bumper.

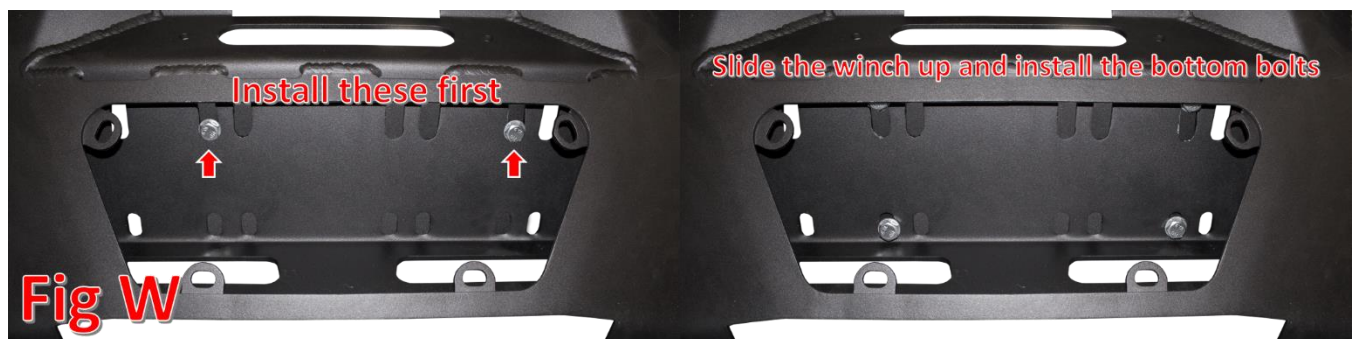
## INSTALLATION

1. If you have a winch or lights to install in this bumper, now is a good time to do so. For light mounting/wiring information, refer to the light manufacturer's installation guide.
2. If you are mounting a winch in your bumper, follow this step.
  - a. Using a 3/16" Allen Socket and a 1/2" Wrench, remove the bumper's skid plate. (Fig V)



**Fig V**

- b. Start the front two winch bolts all the way down in the slots until they are finger tight. Then, slide the winch up and start the remaining two mounting bolts. (Fig W) For wiring/operation information refer to the winch manufacturer's installation guide. Once the winch is installed, reinstall your skid plate.



**Fig W**

3. Set the bumper in place on your truck to measure and cut any final cuts you may have to make to your OEM bumper to get it to line up evenly with your new bumper (this is why we had you leave an extra 1/8"-1/4" material when you made your cut). Also, cut the fender flare (if applicable) flush with the bumper cut you just made. (Fig X)



4. Set the bumper in place and secure it using the nuts you removed in Removal Step 10. Leave these nuts loose for now. (Fig Y)



5. Loosely install the two bolts you saved in Removal Step 13 into the lower bumper mounting holes. (Fig Z)



6. Line the bumper up so that it is centered side to side and sits straight in relation to the vehicle's grille. Then, tighten all the bumper mounting bolts to OEM torque specification.
7. Stand back and enjoy your new ADD HoneyBadger Front Bumper.
8. Check and re-tighten if needed, all mounting bolts after 100 miles and periodically thereafter.

