

# **INSTALL INSTRUCTIONS**

## **Front Spartan Bumper**

**Product : 6151XF**

**Application : 2015–17 Ford F-150**

## I WARNING

Read the instructions completely before beginning installation. Before tightening bolts, drilling or cutting where required, check to make sure there are no obstructions such as brake, fuel or electrical lines which may be damaged. Also keep in mind this is an after-market product and MAY require minor shimming and/or trimming, reaming, etc. for proper fit. Road Armor is not responsible for any damages to vehicle.

## ⓘ IMPORTANT NOTICE

- Be sure to inspect and test fit your product to ensure proper fitment before having it coated, painted, bed lined, etc.
- Road Armor will not be responsible for the cost of coating your unit if any problems with fit or finish are not noted and addressed beforehand.

## SAFETY FIRST!

- FOLLOW ALL INSTRUCTIONS, YOUR SAFETY AND THE SAFETY OF OTHERS IS MOST IMPORTANT.
- WEAR APPROPRIATE EYE PROTECTION AND EXERCISE CAUTION WHEN DRILLING / CUTTING

## REQUIRED TOOLS

Metric and SAE Socket Sets and Wrenches

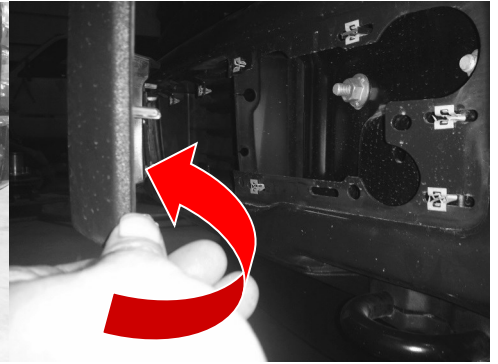
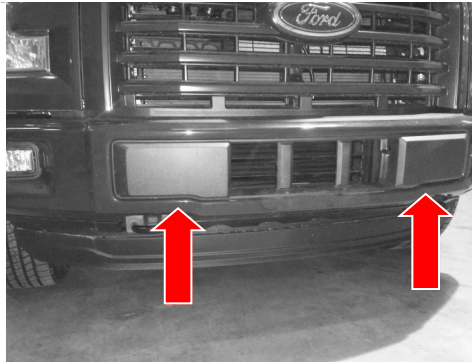
Small Pry Bar or Large Flathead Screwdriver

Cutting tool

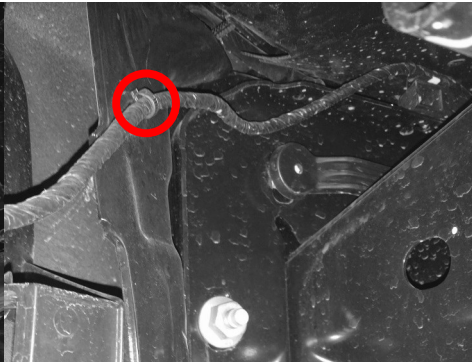
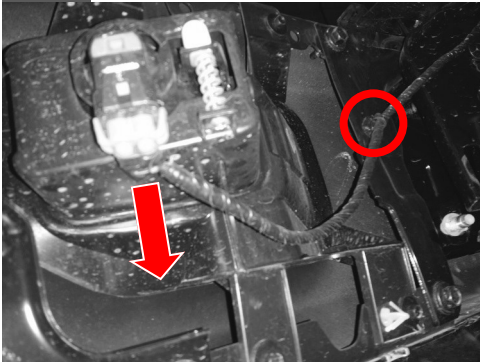
## INCLUDED HARDWARE

16	1.5" Bolt Tabs
16	1/2" Grade 8 Washers
16	1/2" Grade 8 Lock Washers
16	1/2" Grade 8 Nuts
4	3/8" Polycarbonate Push Plug
2	1/4"-20 x 3/4" ASTM A307 Grade A Zinc Finish Hex Bolt
4	1/4" x 0.625" OD Low Carbon Zinc Finish Steel SAE General Purpose Flat Washer
2	1/4" Zinc Finish Medium Split Lock Washer
2	1/4"-20 Zinc Finish Grade A Finished Hex Nut
6	1/2" Retainer Nuts

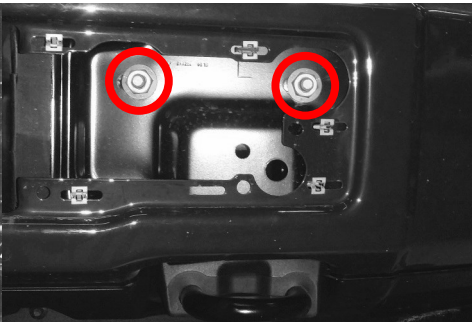
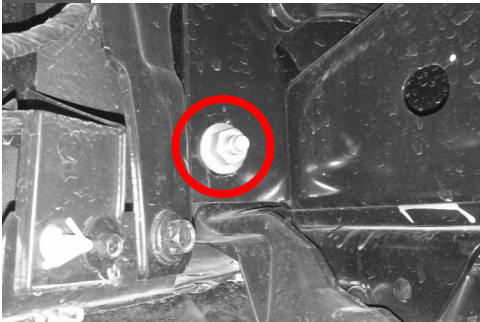
- 1** Remove the plastic cover from front of factory bumper to gain access to mounting bolts behind.



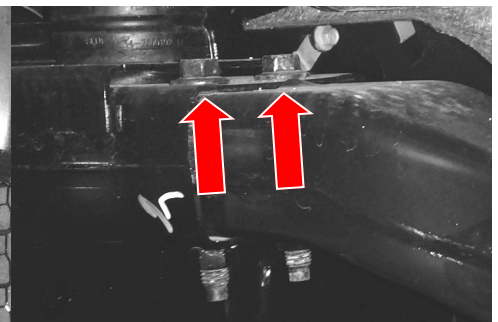
- 2** Disconnect Lights and Remove Wiring from Bumper.



- 3** Remove nut on backside of factory bumper on both sides.
- 4** Remove two (2) nuts per side where you removed the plastic cover.
- 5** Lower bumper and remove plastic push retainers from rubber piece.



- 6** Remove factory tow hooks and discard.
- 7** Loosen frame extension bolts, two on each side.

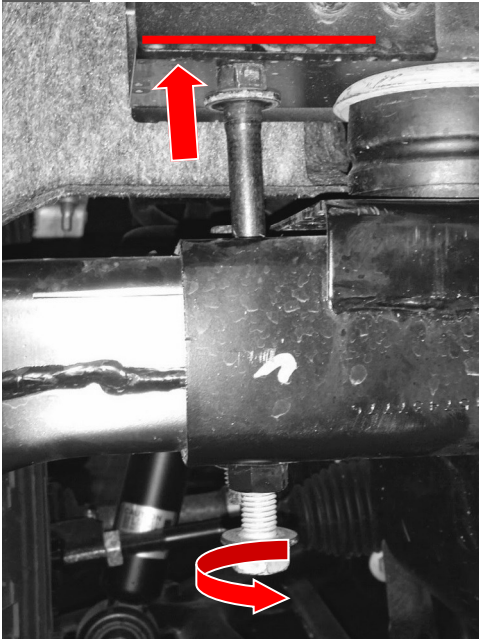




**8** One at a time, thread the included silver flanged head bolt through the nut at the bottom to press the long frame extension bolt up against body to keep it from moving or spinning.

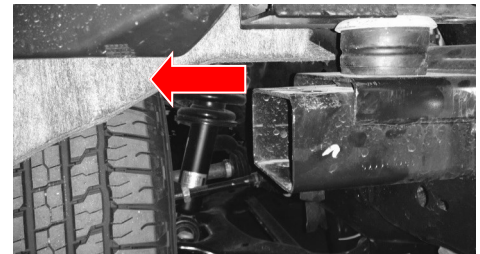
**9** Now, using a sawzall, hacksaw or cut off wheel, CAREFULLY cut the top bolt ALMOST all the way through.

**10** Bend and remove bolt.



**11** Remove frame extension, it will be tight to get passed inner plastic part, don't get discourage, just use more force.

**12** Trim rubber from plastic are dam using razor blade or knife as shown and discard.



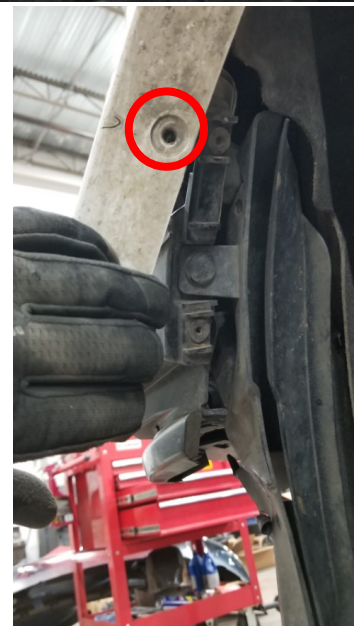
- 13** Remove top pin and pull back slowly from top. When the shell is only attached to the fender flare rotate the piece to



**14**



- 14** Remove bolts holding air deflector.





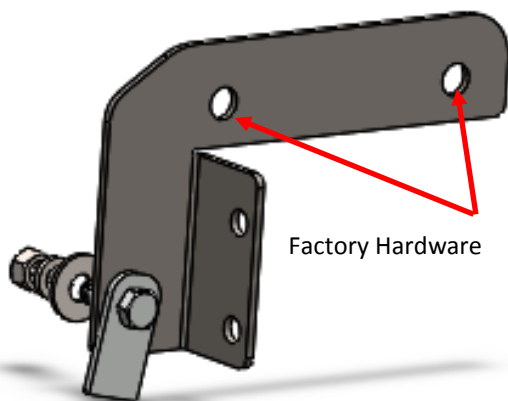
- 15** Remove clips holding air deflector and remove air deflector.



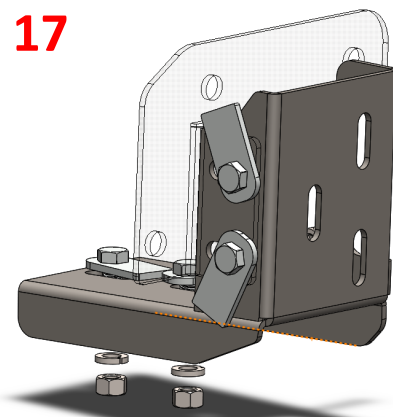
- 16** Bolt on the first piece of the brackets using the factory hardware for the top 2 holes and a 1/2" bolt tab for the lower. These will need to be loose enough to allow movement.

- 17** Attach secondary bracket using 1/2" bolt tabs (2 lower and 2 sides facing inward). Tighten the first bracket to the frame when aligned with second bracket.

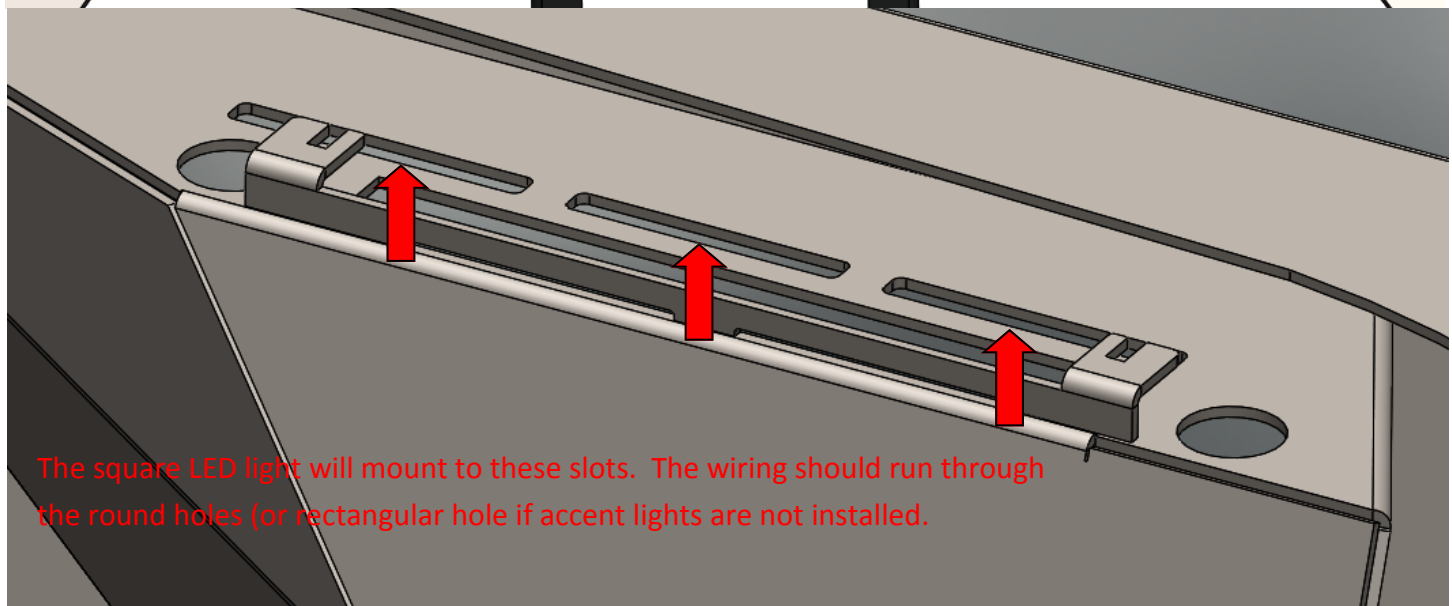
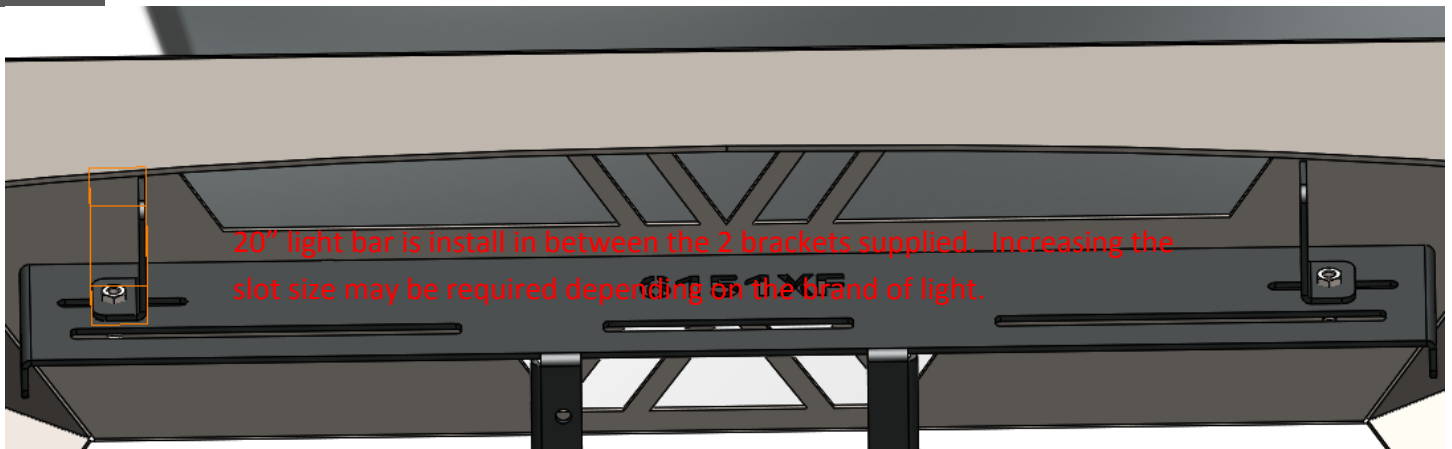
**16**



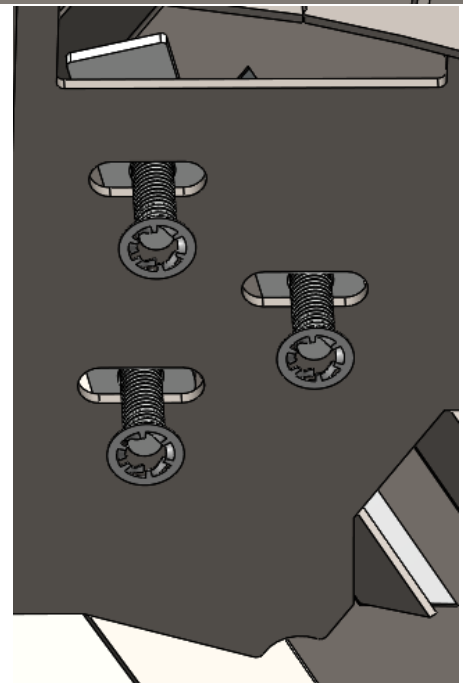
**17**



**18** Install all lighting components, ACM box, and sensors.



**19** Install the push nuts onto the bolt tabs in the bumper.



**20**

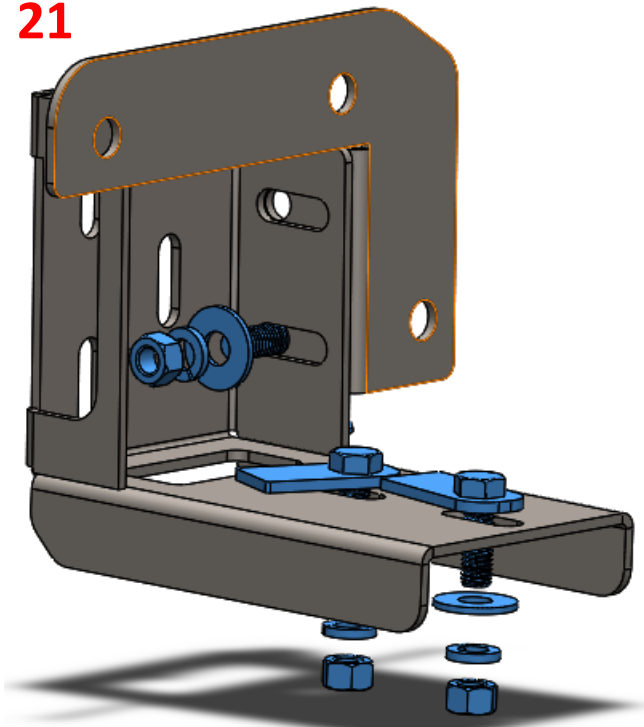
Install bumper onto the truck and secure with flat washer, locking washer, and nut.

**21**

With bumper all the way lowered adjust the in/out tighten bolts on the bottom of the frame and the lower bolt connecting the 2 frame brackets together.

**22**

Adjust the bumper up/down and left/right and fully tighten remaining hardware.

**21****23**

Enjoy your bumper.