

# **INSTALL INSTRUCTIONS**

**Rear Spartan Bumper**

**Product : 6151XR**

**Application : 2015-19 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

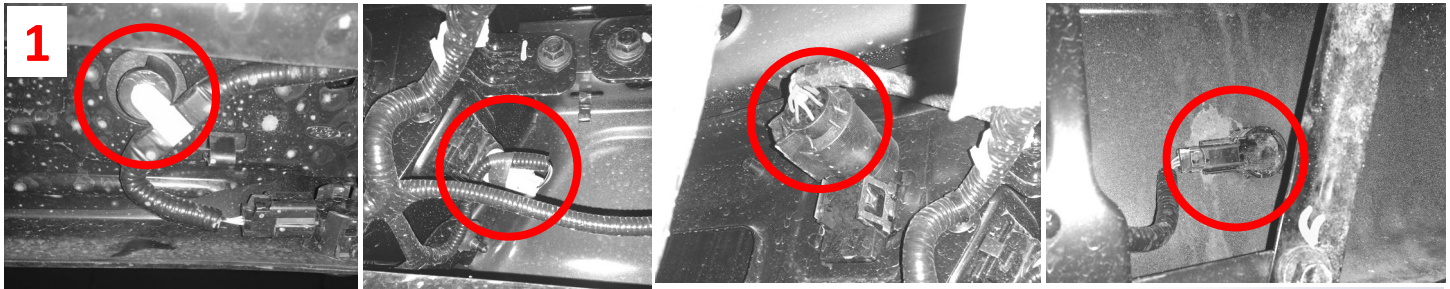
## REQUIRED TOOLS

Metric and SAE Socket Sets and Wrenches

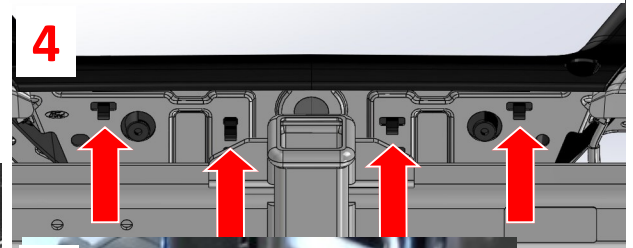
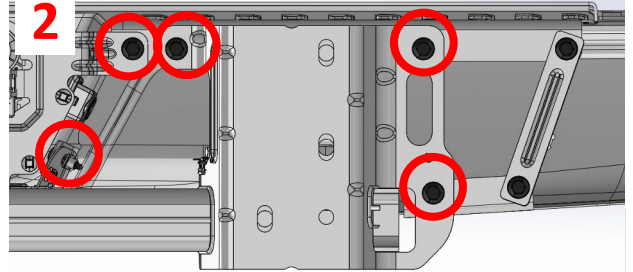
Cutting tool (cutting wheel, band saw, jigsaw, etc..)

## INCLUDED HARDWARE

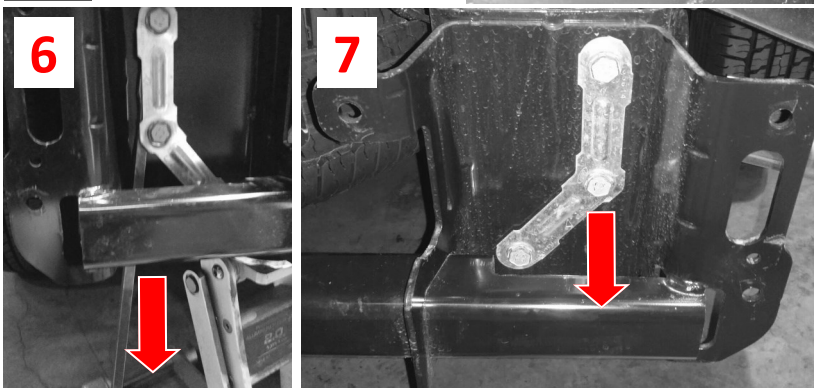
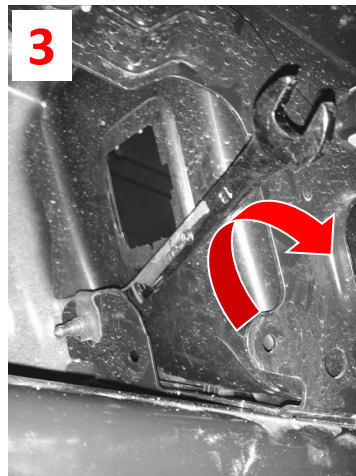
- |   |                                |
|---|--------------------------------|
| (6) 1/2" x 1.5" Grade 8 Bolt Tabs                   | (4) #10-24 K-Lock Nuts         |
| (6) 1/2" Washers                                    | (4) 1 1/8" Dome Plugs          |
| (6) 1/2" Lock Washers                               | (1) License Plate Hardware kit |
| (6) 1/2" Grade 8 Nut                                | (1) Trailer Plug Adapter Plate |
| (8) 1/4" Stainless Button Head Hex Drive Bolts      | (2) License Plate Lights       |
| (8) 1/4" K-Lock Nuts                                |                                |
| (4) #8-32 Stainless Flat Head Socket Drive Bolts    |                                |
| (4) #8-32 K-Lock Nuts                               |                                |
| (4) #10-24 Stainless Button Head Socket Drive Bolts |                                |



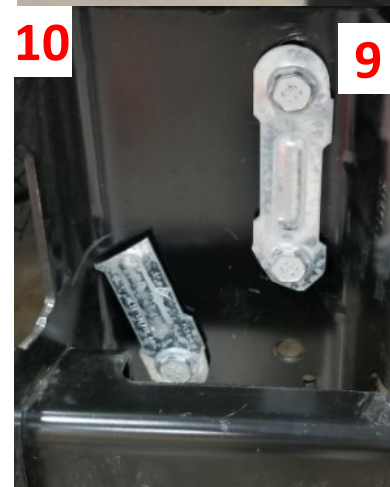
- 1** Remove wiring and sensors from factory bumper
- 2** Remove 5 bolts per side as shown
- 3** Using a ratcheting wrench ideally, remove bolts next to license plate lights
- 4** There are 4 tabs that need to be pushed through bracket to remove the bumper
- 5** Bend down the bracket above the receiver hitch or cut where the dotted line is located.



- 6** Use a jack to support receiver hitch.
- 7** Retainer washers are holding the three bolt tabs and must be hammered out
- 8** Remove OEM Triple Nut Plate one side at a time.
- 9** Cut OEM Triple Nut Plate as shown.



- 10** Install bottom OEM bolt and secure.



**Repeat steps 7 through 10 to the opposite side.**

- 11** Install hardware connecting frame bracket to bumper as shown. Make sure the top bolt tab is facing outward.
- 12** Install sensors, trailer light plug (Install plug where the cylinder on the back is on the bottom), and lighting options onto the bumper.
- 13** Insert OEM hardware into the bracket facing away from bumper.
- 14** Install bumper checking bumper alignment and tighten down.
- 15** After the bumper is installed pull wires for license plate light through holes and splice in supplied aftermarket lights. Plug in wires that have been disconnected.

