



INSTALL INSTRUCTIONS

RAM 1500 Front Stealth Bumper

Product : 4191FXX

Application : 2019-2020 Ram 1500

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

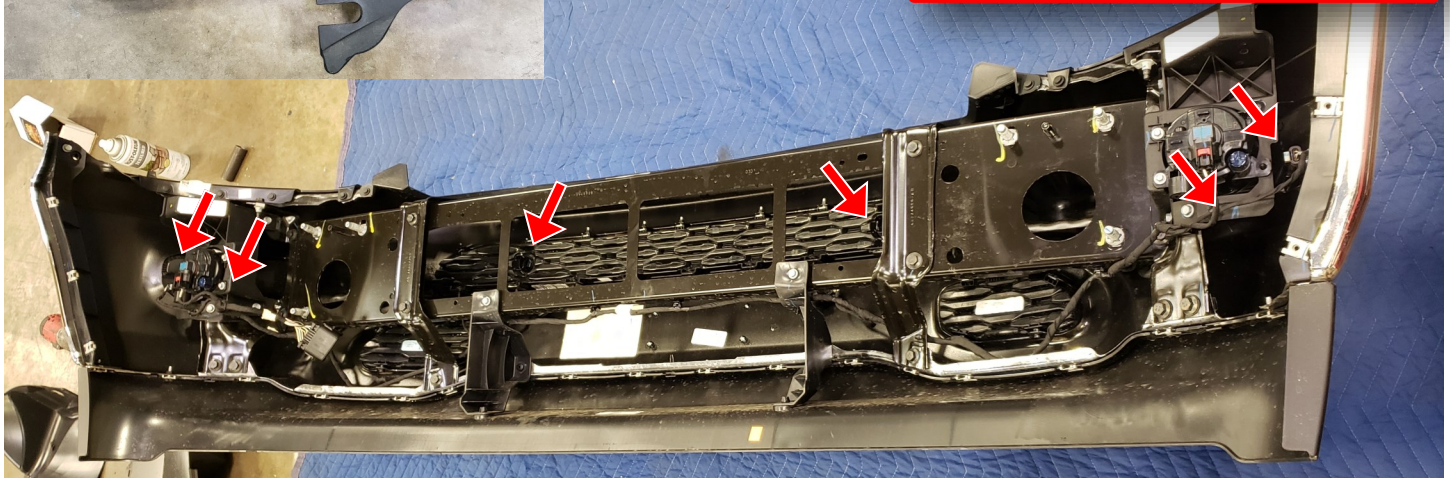
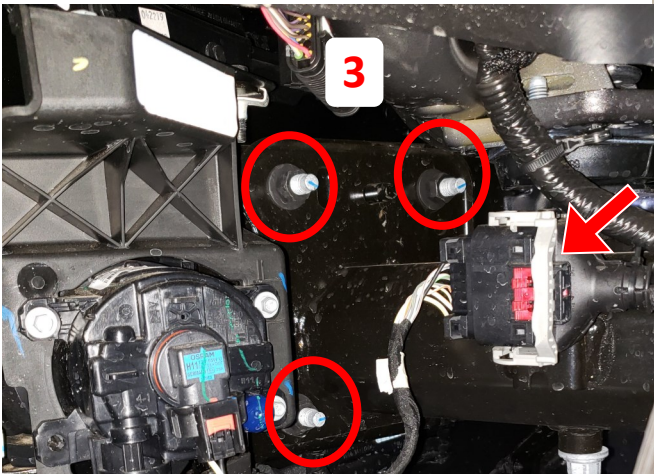
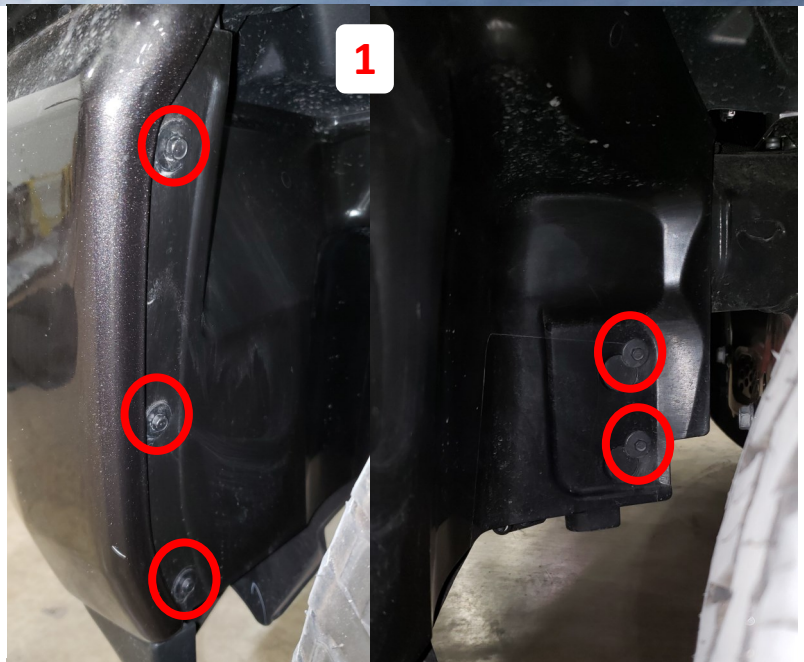
INCLUDED HARDWARE / BRACKETS

- 16 1/2"-13 x 1-1/2" Bolt Tab
- 8 1/2" Retainer Washers
- 6 1 1/8" Dome plug
- 4 #10-24 x 3/4" Button Socket Cap Screw
- 4 #10-24 Lock washer K-Lock Nut
- 4 7/16"-14 x 1-1/4" Socket Cap Screw
- 4 3/8"-16 x 1-1/4" Socket Cap Screw
- 22 1/2" Medium Split Lock Washer
- 6 1/2"-13 x 1-1/2" Grade 8 Bolt
- 28 1/2" x 1.250" General Purpose Flat Washer
- 22 1/2"-13Hex Nut

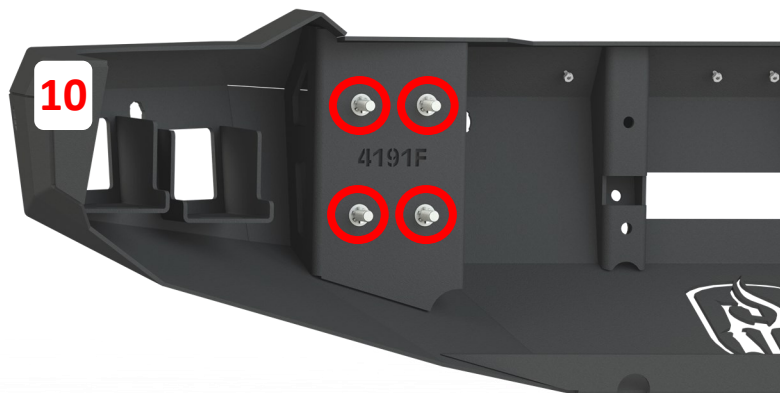
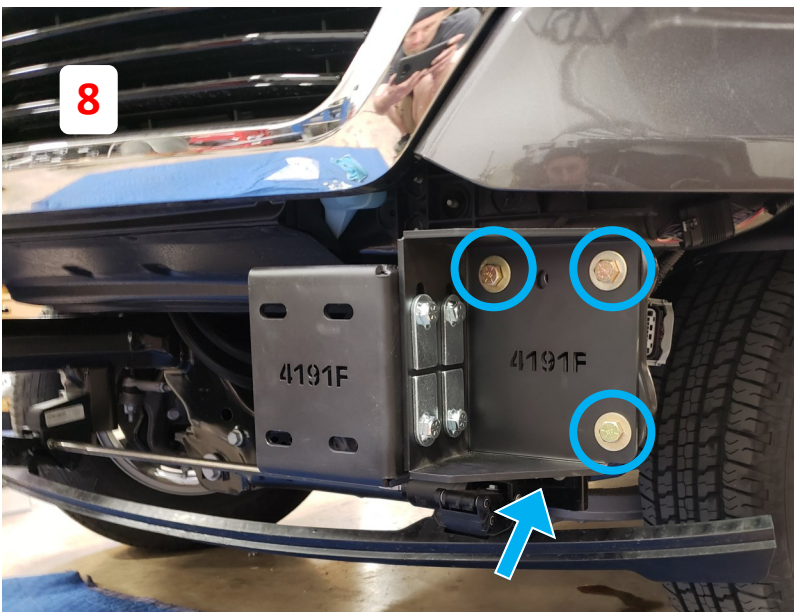
Trim 1/16" off sensor housing for proper fit onto bumper. Zip tie can be used on backside to secure each sensor assembly to bumper for additional security.



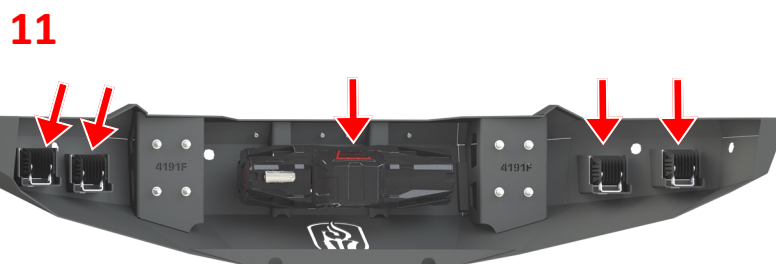
- 1 Remove 5 - bolts from inner fender liner / bumper in each fender well.
- 2 Remove & unplug wiring harness from driver side frame rail.
- 3 Remove three nuts from each frame horn.
- 4 Remove factory bumper from frame horn.
- 5 Remove four nuts and electronic spoiler.
- 6 Remove two bolts from each tow hook.
- 7 Remove all factory sensors and harness from bumper. *Track location for install*



- 8 Install each frame horn bracket using 3 - 1/2 x 1 1/2" bolts, washers, lock washers, nuts and 1 - factory tow hook bolt on each bottom side of frame & bracket. (BLUE)
- 9 Loosely install bumper brackets onto frame horn bracket using 4 - 1/2 x 1 1/2" bolts tabs, washers, lock washers & nuts. (RED)
- 10 Install 4 - 1/2 x 1 1/2" bolts tabs, retainer washers into each bumper "weld-in" bracket.
- 11 Install all factory sensors & any accessories (Winch & Lighting) prior to installing bumper onto truck. (Trim sensor housing for proper fit onto bumper.)
- 12 Install bumper onto frame brackets using supplied 1/2" washers, lock washers & nuts.



- Install the winch to the bumper using the supplied Allen Bolts and Washers.



Note - Install the Flairlead bolts before you mount the winch.



13

Mate up bumper and fully tighten hardware once you have received the desired reveal.

14

Check torque after 500mi.



FINISHED