



WINCH



NON-WINCH



INSTALL INSTRUCTIONS

Stealth Front Bumper

Product : 6191FXB

Application : 2019+ FORD RANGER

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

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

SAE & METRIC Socket set and wrenches

Screw drivers, pry tool, pick tool, pliers

Cutoff Wheel (3")

RECOMMENDED TOOLS

Adjustable Table Cart / Table/Pallet Lift or Hoist

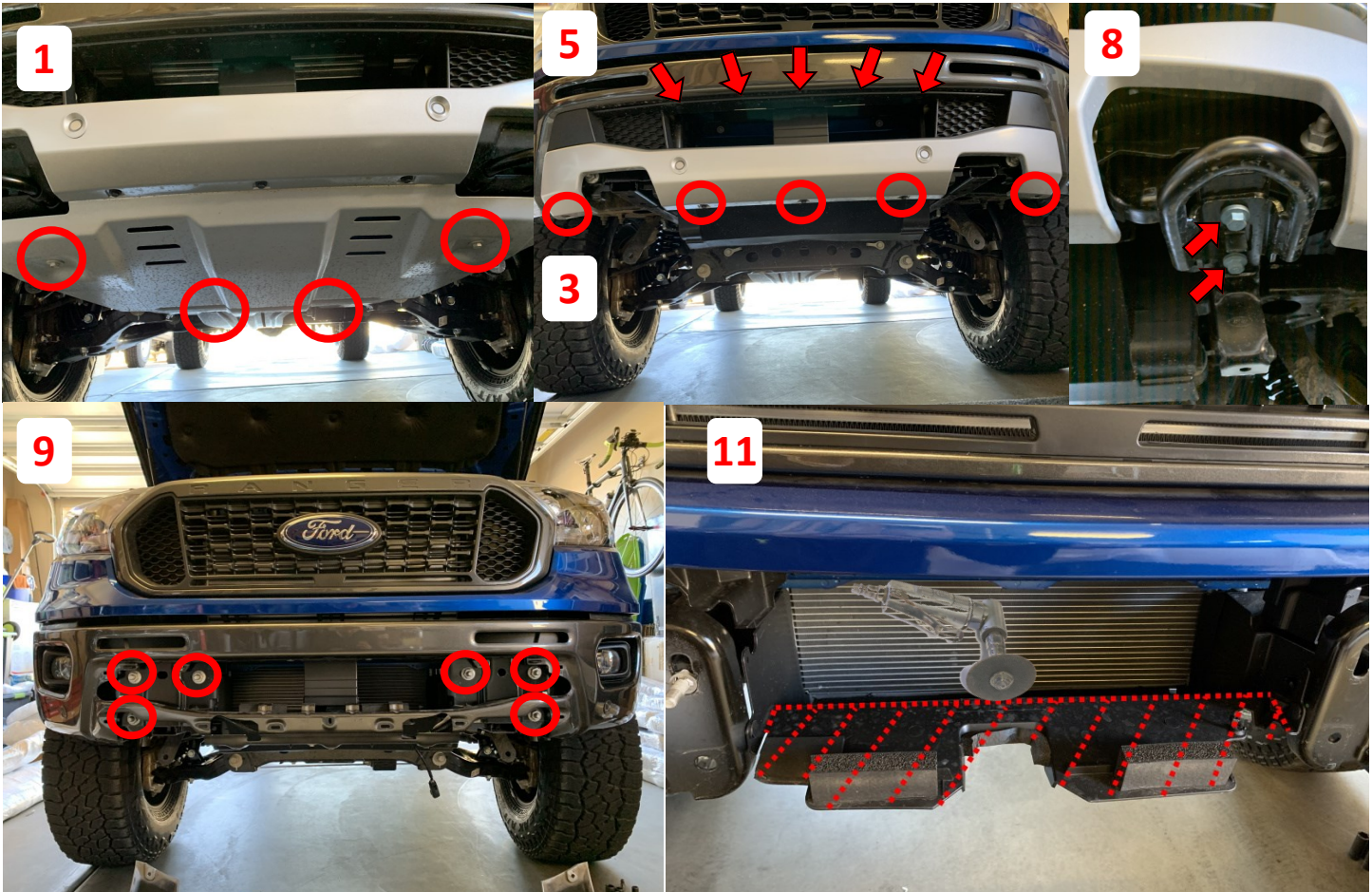
Impact driver



INCLUDED HARDWARE

- | | |
|-----------------------------------|----------------------|
| 6 Retainer Washers | 5 3/8"x 1" Bolts |
| 8 2" Single Bolt Plates | 10 3/8" Flat Washers |
| 8 1/2" Flat Washers | 5 3/8" Nuts |
| 8 1/2" Split Lock Washers | |
| 8 1/2" Hex Nuts | |
| 4 1" Caps | |
| 4 1 1/8" Caps | |
| 4 #10 Stainless Bolts and Nuts | |
| 2 Skid Brackets | |
| 1 Stainless Steel Road Armor Logo | |

- 1 Using a 15mm socket wrench, remove the four bolts attaching the skid plate to the vehicle
- 2 Using an 8mm socket wrench, remove the screw attaching the plastic valance under the bumper to the bracket on the frame.
- 3 Using a 10mm Socket wrench, remove the five screws from the bottom of the center plastic trim piece.
- 4 Using a 10mm socket wrench, remove the two screws that attach the tag bracket to the bumper.
- 5 Using a plastic body panel pry tool, remove the five plastic body panel rivets by prying up on the center pin and then pulling the rivet out.
- 6 Using a plastic body panel pry tool, pry the plastic bumper cover away from the metal frame. There are ten clips that hold the cover to the frame.
- 7 Unplug the sensor harness from the main on inside of DVR Frame.
- 8 Remove the rubber tow hook covers; followed by using a 15mm socket wrench, remove the two tow hooks by removing the four bolts holding them to the frame.
- 9 Using a 21mm socket wrench to remove the six nuts that attach the bumper the frame horn.
- 10 Once the bumper is lowered from the vehicle, the main wiring harness is accessible on the driver side. Disconnect harness and remove bumper completely.
- 11 ***WINCH INSTALLATION ONLY*** Mark and cut intercooler shield for winch clearance.



- NOTE** **If Ranger is equipped with adaptive cruise control; 619ACM relocation bracket must be purchased.**
- 12** Remove all sensors and reinstall them into Stealth bumper as were in factory bumper. ****Trim sensor housing tabs off sensor housing for proper fit. ****
- NOTE** *MUST* Install RA Logo, Winch / Fairlead and ALL lighting prior to installing bumper onto truck.
- 13** Install 6 - 1/2" bolt tabs in each hole of Stealth bumper using retainer washers to secure them.
- 14** Install Frame Horn Bracing Bracket and drill out 1/2" hole on each outside frame rail for 1/2" bolt tab to be installed. Loosely install 1/2" bolt tab and hardware.
- 15** Install bumper to frame brackets aligning the retained 1/2" bolts with bracket slots; secure using supplied 1/2" washers, lock washers and nuts. ****3/8" gap between bumper and fascia recommended**** Once centered and satisfied with fitment tighten all hardware.
- 16** Install factory skid plate using supplied skid plate brackets along with both OEM tow hook bolts and supplied 3/8" hardware to secure it to frame. ***(*Skid plate must be installed to protect radiator*)***
- NOTE** Stealth Skid Plate Available for purchase: 6191FSPB

