



# **INSTALL INSTRUCTIONS**

## **SPARTAN Front Bumper**

**Product : 7162XF0B**

**Application : 2016-2019 Nissan Titan XD**

## 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

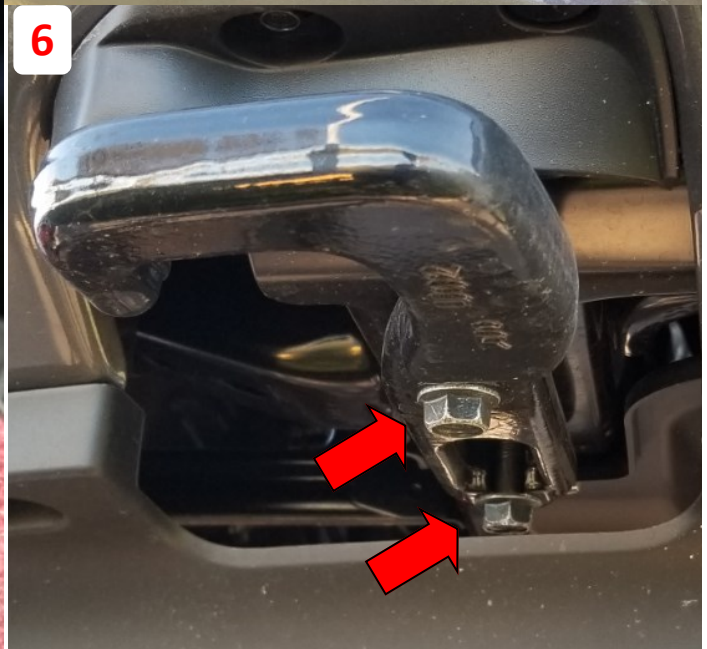
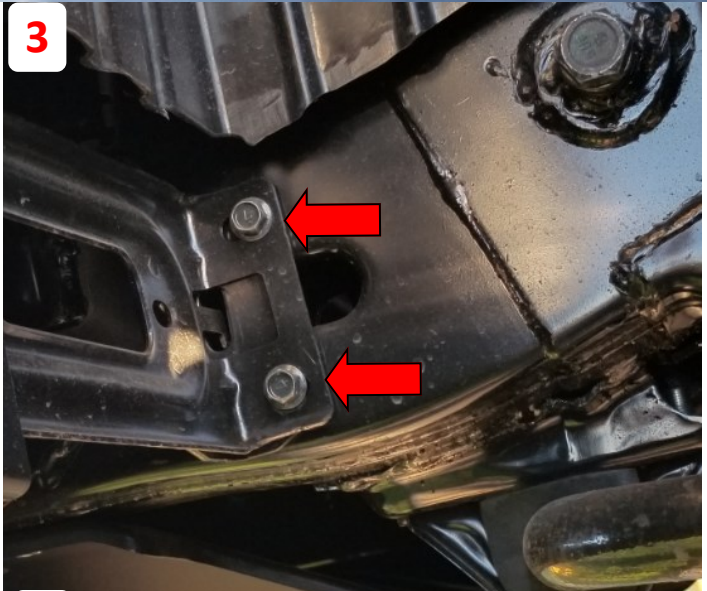
Metric/ SAE Socket set and wrenches

Bumper dolly or 2 or more persons

## INCLUDED HARDWARE

4	M12-1.5 x 35mm DIN 961 Class 8.8 Zinc Finish Hex Cap Screw	6	1/2"-13 Yellow Zinc Finish Grade 8 Finished Hex Nut
4	M12 x 24mm OD DIN 125 Low Carbon Plain Finish Steel Type A General Purpose Flat Washer	2	1/4"-20 x 3/4" ASTM A307 Grade A Zinc Finish Hex Bolt
4	1 inch plug	4	1/4" Flat Washer
6	1.5" Single Bolt Tab (ZINC)	2	1/4" Zinc Finish Medium Split Lock Washer
6	1/2" Yellow Zinc Finish High Alloy Medium Split Lock Washer	2	1/4"-20 Zinc Finish Grade A Finished Hex Nut
6	1/2" Flat Washer	6	1/2" Bolt 15/16" O.D. Zinc Push-nut Bolt Retainer

- 1 Unplug wiring harness that connects from the bumper to the truck. Make sure that the wiring harness is not connected in any way from the bumper to the truck.
- 2 **Note: Keep all factory hardware and remember the location of removal since some of the hardware will be reused.**
- 3 Unbolt the side brackets holding the OEM bumper to the frame.
- 4 Using a pry tool carefully remove the plastic sensor plates from the front of the bumper. (These are just clipped in)
- 5 Loosen the bolts behind the sensor plates. (When fully removed the bumper will not be attached to the truck so have the bumper supported before full removal.
- 6 Remove the two bolt per tow hook and remove the tow hook.
- 7 Remove parking sensors from OEM bumper. The clips on the sensor housing will need to be trimmed back roughly 0.19". Install into the Road Armor bumper and make sure they lock into place. Additional trimming may be needed to ensure the sensor housing locks into the bumper.

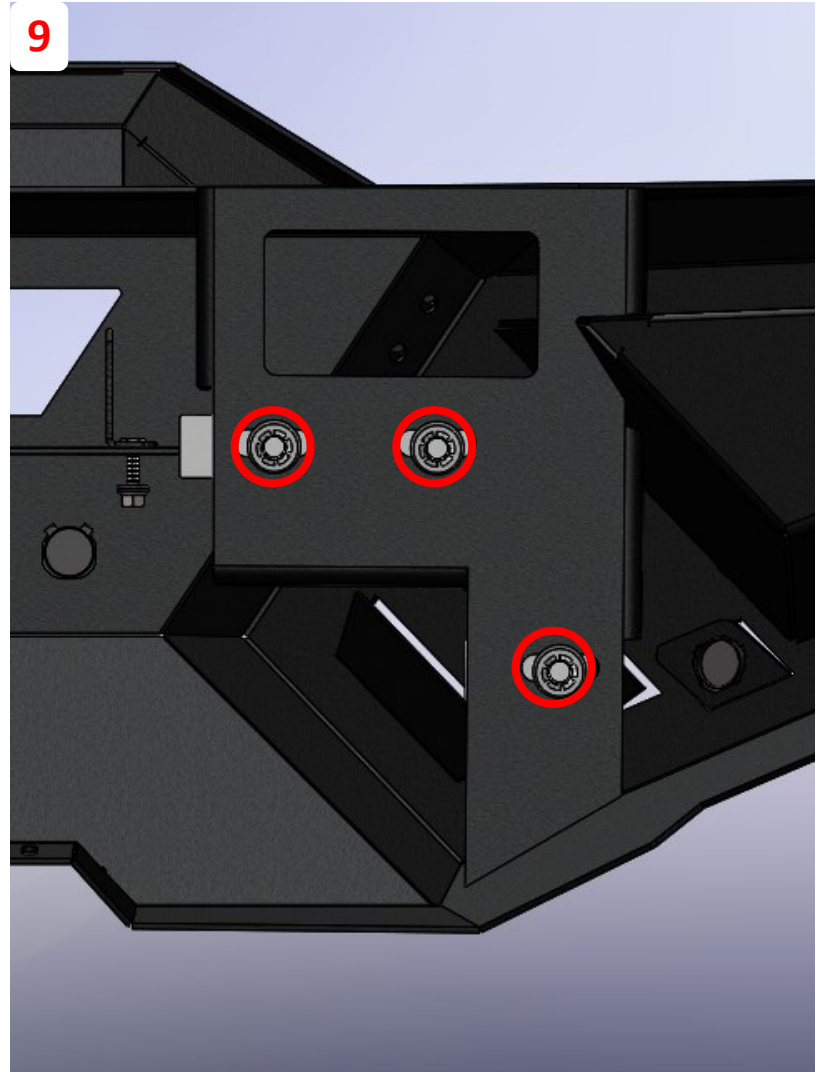




- 8** Install the Road Armor supplied brackets onto the frame using factory hardware on the front 3 bolts and the top bolt. Use the M12 bolts found in the bolt kit for the lower 2 bolts. Fully tighten the bracket to the truck frame.

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- 9** Insert 1/2" bolt tabs into bumper and secure with push nut retainers. Use a 3/4" deep socket to push the retainer on the bolt
- 10** Install aftermarket lighting, pre-runner bar, and/or factory sensors if equipped before installing bumper onto truck.
- 11** With the help of 2 or more people or a bumper jack place the bumper onto the truck and secure using the 1/2" hardware (These should be finger tight)
- 12** Adjust the bumper left/right and up/down until proper alignment is achieved and fully tighten the 1/2" hardware.
- 13** Re-connect the factory wiring harness if applicable





# FINISHED

