HAMMERHEAD ARMOR®

MADE IN THE USA

HammerheadArmor Hammerheadarmor HammerheadOff-RoadArmor

2022-20XX NISSAN FRONTIER FRONT BUMPER

INSTALLATION INSTRUCTIONS

600-56-1069

SAFETY

Know safety, no injury. Know injury, no safety. ~Author Unknown

If there are any questions, call 1-855-HHTOUGH

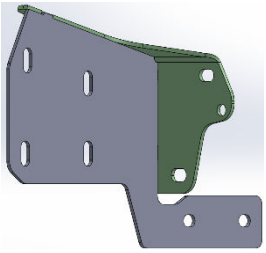
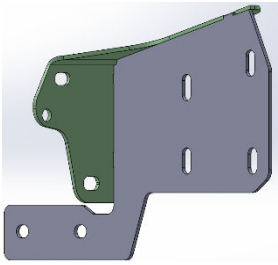
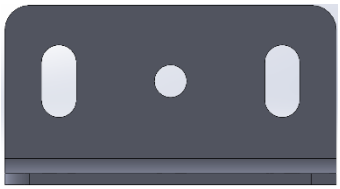
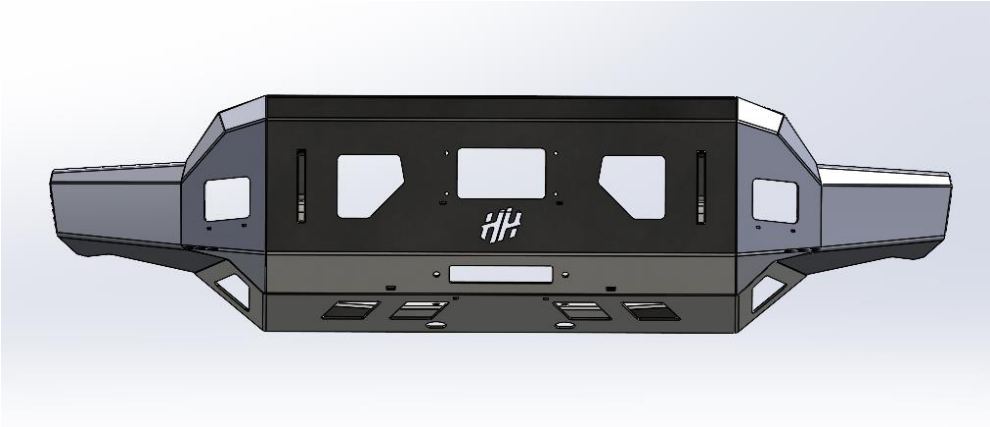
READ ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION

- FOLLOW ALL INSTRUCTIONS FOR PROPER ASSEMBLY
- WEAR APPROPRIATE EYE PROTECTION
- EXERCISE CARE WHEN LIFTING COMPONENTS
- USE APPROPRIATE TORQUE FOR BOLTS
- RE-TORQUE HARDWARE AT EVERY OIL CHANGE.

Suggested Torque Values For Steel Grade 5 Standard Bolts		
BOLT DIAMETER (INCH)	THREADS PER INCH	TORQUE (POUND - FEET)
1/4	20	7
5/16	18	14
3/8	16	25
7/16	14	40
1/2	13	60
9/16	12	88
5/8	11	120
3/4	10	200
7/8	9	302
1	8	466

Suggested Torque Values For Steel Grade 8.8 Metric Bolts		
BOLT DIAMETER (mm)	THREAD PITCH (mm)	TORQUE (POUND-FEET)
6	1.0	7
8	1.25	16
10	1.5	32
12	1.75	55
14	2.0	88
16	2.0	140
18	2.5	195
20	2.5	275
22	2.5	375
24	3.0	475

I. PARTS LIST

ITEM 1	*RIGHT LOWER MOUNT*	*QTY. 1*	ITEM 2	*LEFT LOWER MOUNT*	*QTY. 1*
					
ITEM 3	*BOTTOM FRAME MOUNT*	*QTY. 2*	**ITEM 4**	*ACCENT PLATE*	*QTY. 1*
					
ITEM 6	*HAMMERHEAD OFFROAD FRONT BUMPER*				*QTY. 1*
					

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT.
If there are any questions, call 1-855 HHTOUGH or email HHORDERS@hammerheadarmor.com

II. TOOL LIST

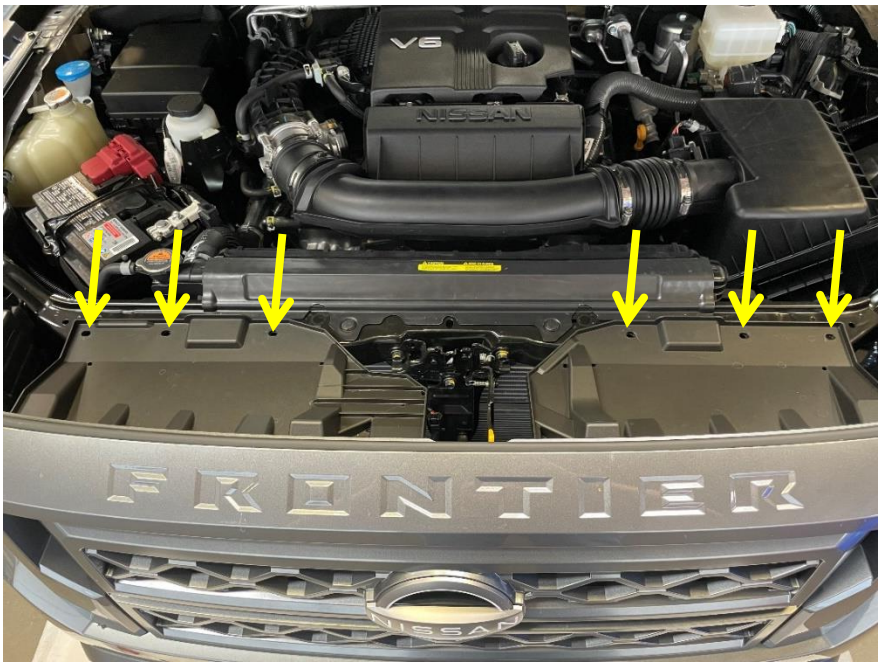
- ✓ A helper or crane
- ✓ Basic tool set
- ✓ Blue masking tape
- ✓ Trim tool
- ✓ 10mm socket
- ✓ 17mm socket
- ✓ 19mm socket
- ✓ $^{3}/_{4}$ Socket
- ✓ Ratchet extension
- ✓ Cutting tool

III. VEHICLE PREPARATION

1. Park vehicle on level surface.
2. Engage parking brake and disconnect battery.
3. Using blue masking tape, mask along the profile of your truck above the bumper. This will help protect your truck from any accidental scratches.

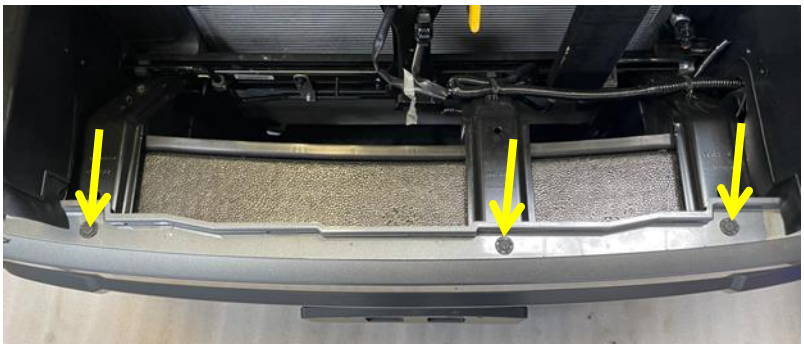
IV. REMOVAL OF OE BUMPER

1. Using a trim tool, remove the six plastic rivets from the top of the grille. Set them asides as it will be reused.

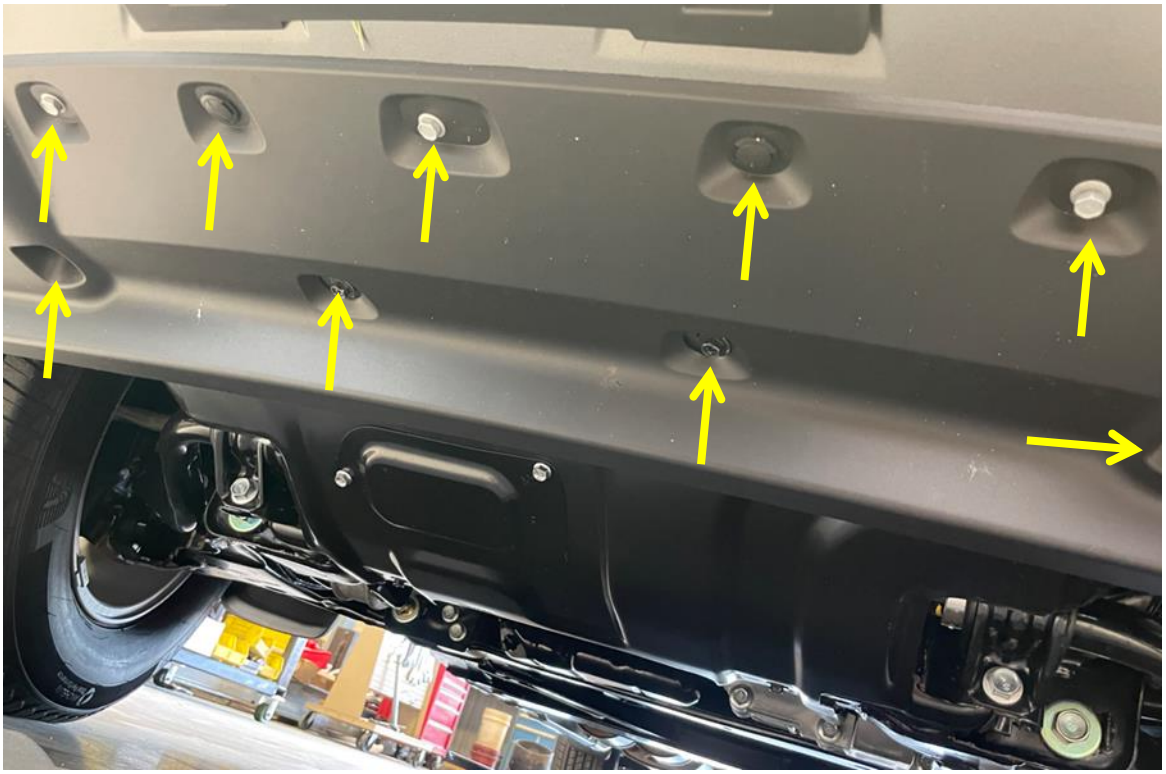


2. Once removed, gently pull on grille to release the clips. There will be four clips along the bottom of the grille and one in the top left and top right corner of the grille. Remove the grille from the vehicle and set aside as it will be reused.

3. After the grille is removed, disengage the 3 plastic rivets from the top of the fascia. Set them aside as they will be reused.



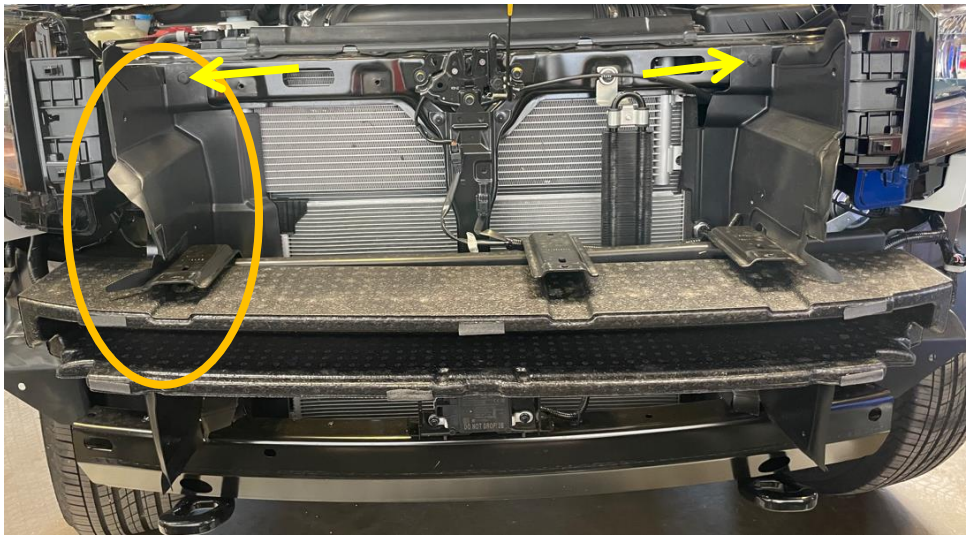
4. Using a 10mm socket, remove the 7 bolts from the bottom of the bumper attaching the skid plate to the mounting brackets. Remove the 4 push pins from the bumper afterwards. (2 not shown)



5. Using a 10mm socket, remove the bolt from the inner fender and the two screws from both sides. At the bottom of the wheel well will be one plastic rivet to remove as well. Set all hardware aside as it will be reused.

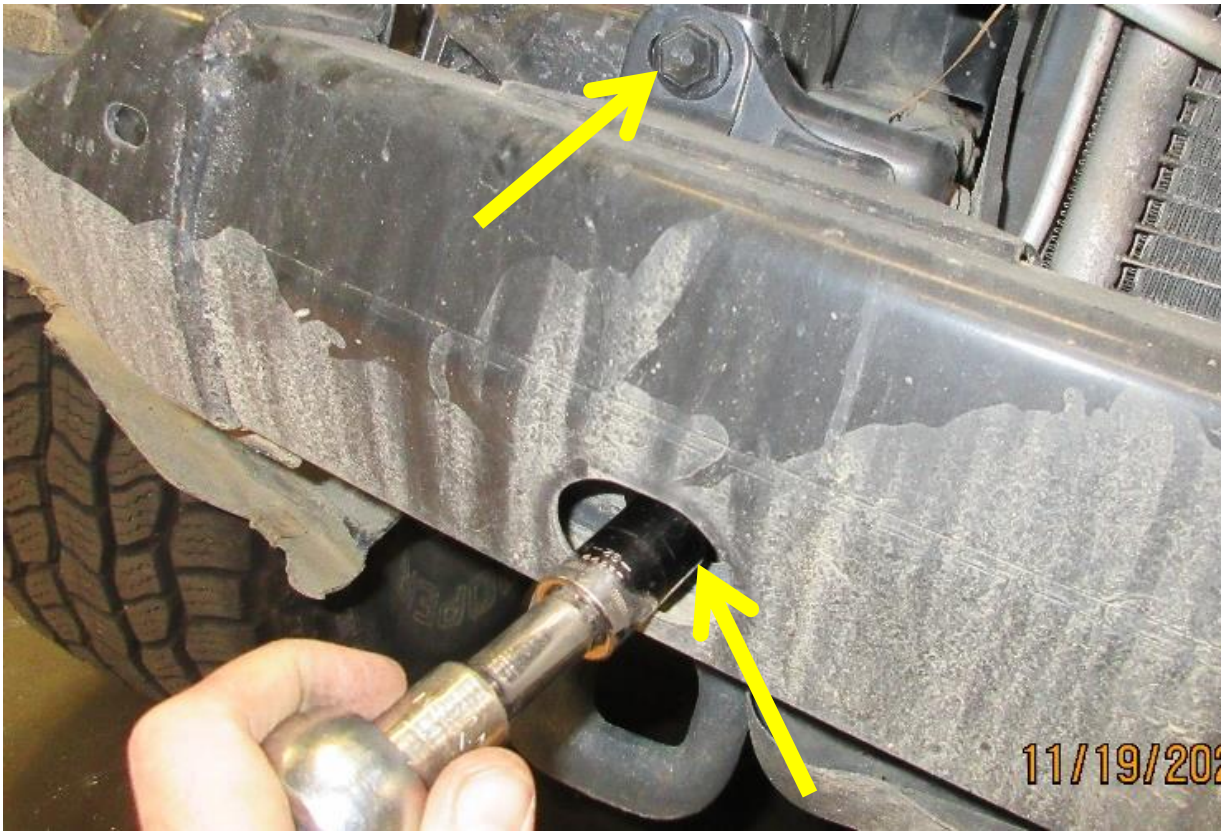
6. Gently remove the fascia and lower bumper from the vehicle by pulling at the corners of the fascia below the headlights.Unplug the fog lights from both sides. Remove the bumper from the vehicle.

7. Remove the foam and plastic valences from the vehicle (orange circle). There are two plastic rivets securing the plastic valences to the vehicle (yellow arrows)



8. Unplug and remove radar unit from the top of the crash bar. Carefully set radar unit and all hardware aside to be reused.

9. Remove 4 bolts using a 17mm socket from the front bumper support bar.



10. Remove 2 bolts with a 17mm socket from tow hook and remove tow hooks. Set hardware aside as it will be reused.

V. INSTALLATION OF HAMMERHEAD BUMPER

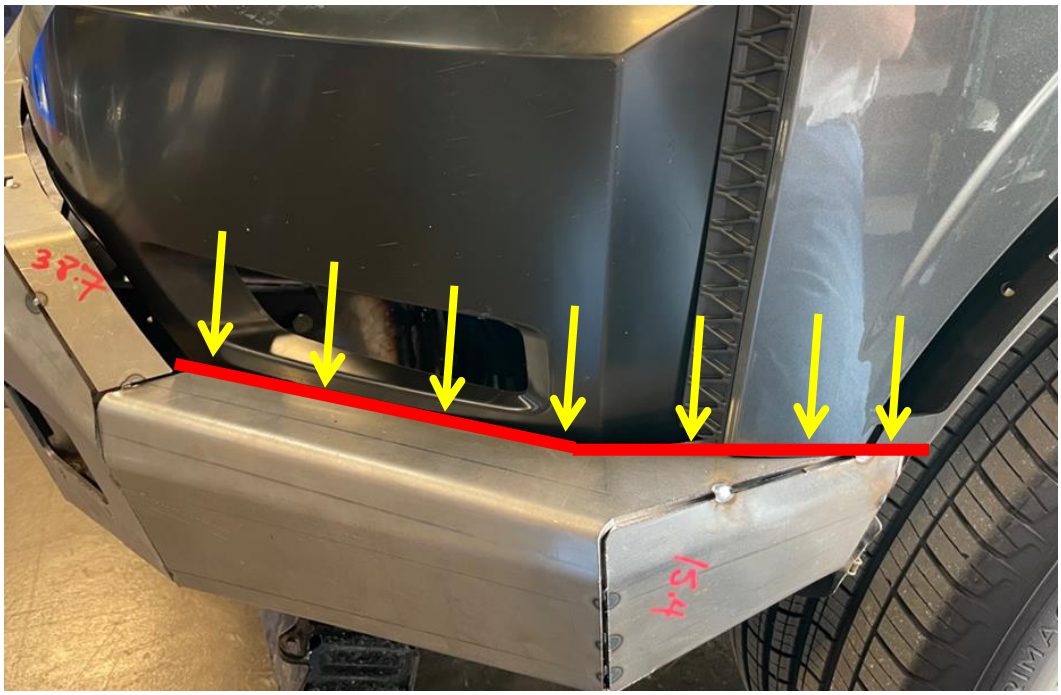
1. Lay hammerhead bumper on a carpeted surface. Install any lights and other accessories into the bumper at this time.

2. Using OE hardware, reinstall radar unit into Hammerhead bumper. Center the radar unit within the cutout of the bumper and tighten hardware. Using hardware kit #219, install the radar cover in front of the radar unit on the back face of the bumper.

3. Lay out the frame mounts, lower frame mounts, OE hardware from the tow hook and bumper support, and supplied hardware as shown.

4. Attach lower frame mounts to frame mounts with the head of the bolt to the inside of the truck before installing the frame mount to the frame horns. Leave all hardware hand tight.

5. Attach the bumper to the frame mounts and level it to the truck. Use this to scribe where the fender and fascia will need to be trimmed. With the cutting tool of your choice, trim the fender and fascia to match the profile of the bumper. It is recommended to disassemble the fender from the fascia to trim. The fascia and fender should sit on top of the Hammerhead bumper after trimming is completed.
NOTE: CUTTING IS ONLY REQUIRED ALONG THE RED LINE SHOWN BELOW.



Recommended cut line on fenders (Check fitment with bumper before final cut. Ensure to match cut line of fender with fascia.)

6. Reattach the fender to the fascia using the OE hardware. Reassemble the fender, fascia, and grille to the vehicle.
   NOTE: THERE IS A HOLE LOCATED ON THE ENDS OF THE BUMPER TO TIE THE FENDER BACK INTO THE BUMPER AND SECURE IT WHILE DRIVING.

7. Adjust the bumper so it is level. Leave a minimum of 3/8 of clearance between the truck body and Hammerhead bumper. When the truck flexes off road, this will ensure the bumper does not contact the truck body. Once the body is level and clearance is obtained fully tighten all bolts on frame mounts and bumper mounts with a ¾ socket and wrench.

Congratulations! Your product installation is now complete.
Thank you for your purchase!