

Nissan Frontier

FRONT BUMPER



Applications

installation instructions

These installation instructions apply to the following CBI Off Road products

– **Nissan Frontier** Covert Front Bumper | 2022-Present SKU: 800-000-000-184

IMPORTANT!

THANK YOU for purchasing this CBI product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. ***If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call CBI at (208) 528-0664 as soon as possible.***

IMPORTANT!

If your CBI product comes as unpainted, bare steel or aluminum. You will want to either powder coat or paint prior to final installation, however it is very important to PRE-INSTALL the unpainted product first, following these instructions, BEFORE painting or powder coating any of the components! This will ensure that all parts are correct and any incidental trimming or drilling will have been done prior to coating. Also, it will give you a practice run to familiarize yourself with the process, to lessen the likelihood of damaging the finish during final installation. CBI Off Road is NOT RESPONSIBLE for paint or powder coating costs, damage to paint or powder coating, or costs associated with inadvertently painting or powder coating components that are defective or were shipped or assembled in error. It is the customer's responsibility to pre-install and verify that all parts are correct prior to paint or powder coat

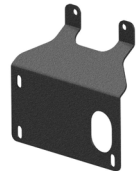
Hardware

1/2"-13 x 1" ASTM F879 Hex Drive 18-8 Stainless Steel Button Socket Cap Screw	QTY 6
1/4"-20 x 3/4" Steel Carriage Bolt Zinc	QTY 4
1/4"-20 x 2-1/4" Steel Tap Bolt Zinc	QTY 3
1/4"-20 Steel Hex Thin (Jam) Nylon Insert Lock Nut Zinc	QTY 7
1/4" x 5/8" Steel Flat Washer	QTY 10
M6-1.0 x 30 mm Steel Hex Cap Screw Zinc	QTY 2
1/2" x 1-3/8" Steel Flat Washer	QTY 2
3/8" Abrasion-Resistant Cushioning Neoprene Washer	QTY 6
M5.5-1.81 x16mm tapping screw black phosphorus	QTY 2

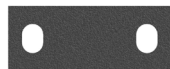
Brackets



Decal Plate (QTY 2)



Cruise Control Relocation Bracket (QTY 1)



Spacer (QTY 2)

Tools Required

- 3/4" Socket or wrench
- 7/16" Socket or wrench
- 10mm Socket or wrench
- 15mm Socket or wrench
- Phillips Head screwdriver
- Flat head screwdriver
- Plastic clip removal tool (optional)
- Cutting tools 5 inch cutoff wheel, small sawzall
- Sanding disc
- Pry Bar

Note for Dealers and Installers:

It is your responsibility to ensure instructions are given to the end user or client.

Removing the factory bumper

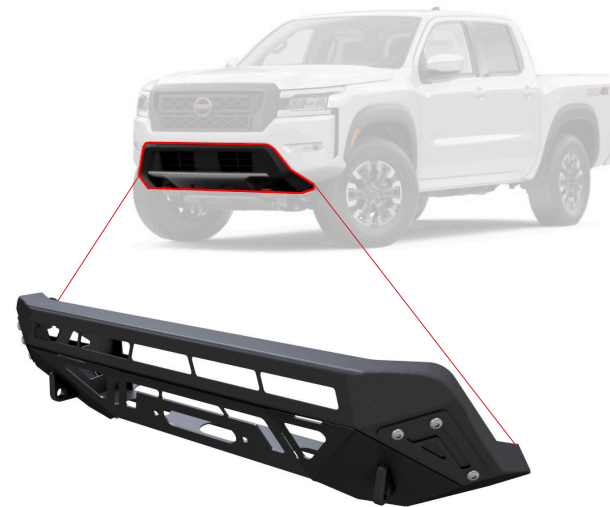
IMPORTANT!

SAVE ALL HARDWARE UNTIL INSTALLATION IS COMPLETE!!STAY ORGANIZED, USE BINS OR PLASTIC BAGS TO PLACE REMOVED HARDWARE INTO!

1. Pop the hood of the vehicle.
2. Remove the two Phillips head screws in the inner fender liner towards the front of the vehicle on both sides.
3. Remove the 6 plastic clips under the hood of the truck
4. Using a 15mm, remove the skid plate, and tow hooks
5. Remove the 10mm head bolts on the bottom of the plastic bumper
6. Reach down on the backside of the grill and begin to pop the tabs of the grill out, work all the way across the grill.
7. Unplug Front facing camera if applicable.
8. Remove Grill (*Place it somewhere it will not get damaged*)
9. Remove plastic clips that are located where the bottom of the grill sat.
10. You will now have access to unplug the fog lights.
11. Gently pull outwards on the front side of the fender flares exposing the plastic bumper edge.
12. Gently pull outwards on the plastic bumper edge, starting at one side and working all the way around until the plastic bumper is removed. (*Place somewhere it will not get damaged*).

1. Remove the center section of the plastic bumper (*this will be the shape of the covert bumper you will be installing*). This can be achieved by cutting or prying out the plastic retaining clips.
2. Throw the removed plastic center section you just removed as far as you can!! It will be replaced with a steel American Made CBI Covert bumper!
3. Sand down or lightly cut up to the retaining clip housings. Be careful not to damage the outer two threaded holes towards the bottom of the plastic bumper (*we will need these later*).

Cut Detail



Cut/Sand the Bumper

Note:

Cutting the plastic is best done using a cutoff wheel on a 4.5" grinder.

Remove Factory Hardware/Install CBI Bumper

1. Un bolt, and unplug cruise control sensor and set it aside.
2. Disconnect the retaining clip on the top of the factory crash bar.
3. Using a 15mm wrench or socket remove the bolts holding on the factory crash bar, and remove the factory crash bar.
4. Trim the bottom of the two plastic shrouds to allow the CBI bumper to sit in the proper position.
5. Get a buddy to help you lift the bumper into place and start the previously removed crash bar hardware. Only loosely install for now. It's a good idea to use anti-seize on bolts that thread into captive nuts.
6. Now insert the spacers between the bumper and the frame (where the tow hooks were previously installed).
7. Now start the factory tow hook bolts through the CBI bumper. Ensure the bumper is centered and tightened down.
8. You can now install a winch if desired **Most winch solenoids will not be required to be relocated.** Whoo Hoo!
9. Also a single row 30" light bar can be installed at this time.

1. Peel back the wire loom (carefully not to damage the wiring) to the cruise control to allow the wire to be lengthened.
2. Plug the cruise control connector into the provided cruise control relocation bracket.
3. Now unbolt the factory camera to allow the cruise control relocation bracket to share the mounting holes.
4. Bolt the cruise control relocation bracket and the camera back down with the provided short self tapping screws.
5. Mount the plastic back up and re-stall the grill
6. Plug in fog lights
7. Using the provided metric hardware (the smaller bolts 10mm head) bolt the bottom of the plastic to the bumper, place the desired amount of rubber washers between the bumper and plastic.
8. Double check all bolts are tight and all electrical connections are plugged in and wired are appropriately secured.
- 9.

Take Pictures!!!

Reassemble the plastic and grill assembly



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