

FS Performance Engineering

Nissan Titan Gen 2 Refresh (2020+) Catalytic Converter Guard

Professional Installation Recommended as Always - A car LIFT is HIGHLY Recommended

Tools Needed:

- Ratchet Wrench(es)
- ¼" Socket (to hold Security Bits)
- 7/16" Wrench
- 17/32" Drill Bit (for the 5/16" Rivnut)
- Drill
- Rivnut Installation Tool (a heavy duty one is necessary) w/ a 5/16"-18 mandrel
- Helper

What's Supplied:

Parts:

- (1) Nissan Titan Cat Guard
- (1) Rearward Shield (2WD models)

Hardware:

Bag 1:

- (2) 5/16"-18 Rivnuts (1 is extra)
- (2) 5/16"-18 x 1" SECURITY Bolts
- (2) 5/16" ID Small Washers
- (1) 5/16"-18 Nyloc nut
- (1) 5/16 ID, 1.25" OD Washer
- (1) Security Bit (3/16")

Bag 3:

- (7) ¼"-20 x 1" SECURITY Bolts
- (1) Security Bit (5/32")

Bag 2:

- (2) M8-1.25 x 60mm SECURITY bolts w/ torx head
- (1) Torx Security Bit (T40)
- (2) 5/16 ID, 1.25" OD Washers
- (2) 40mm Spacers

Bag 4:

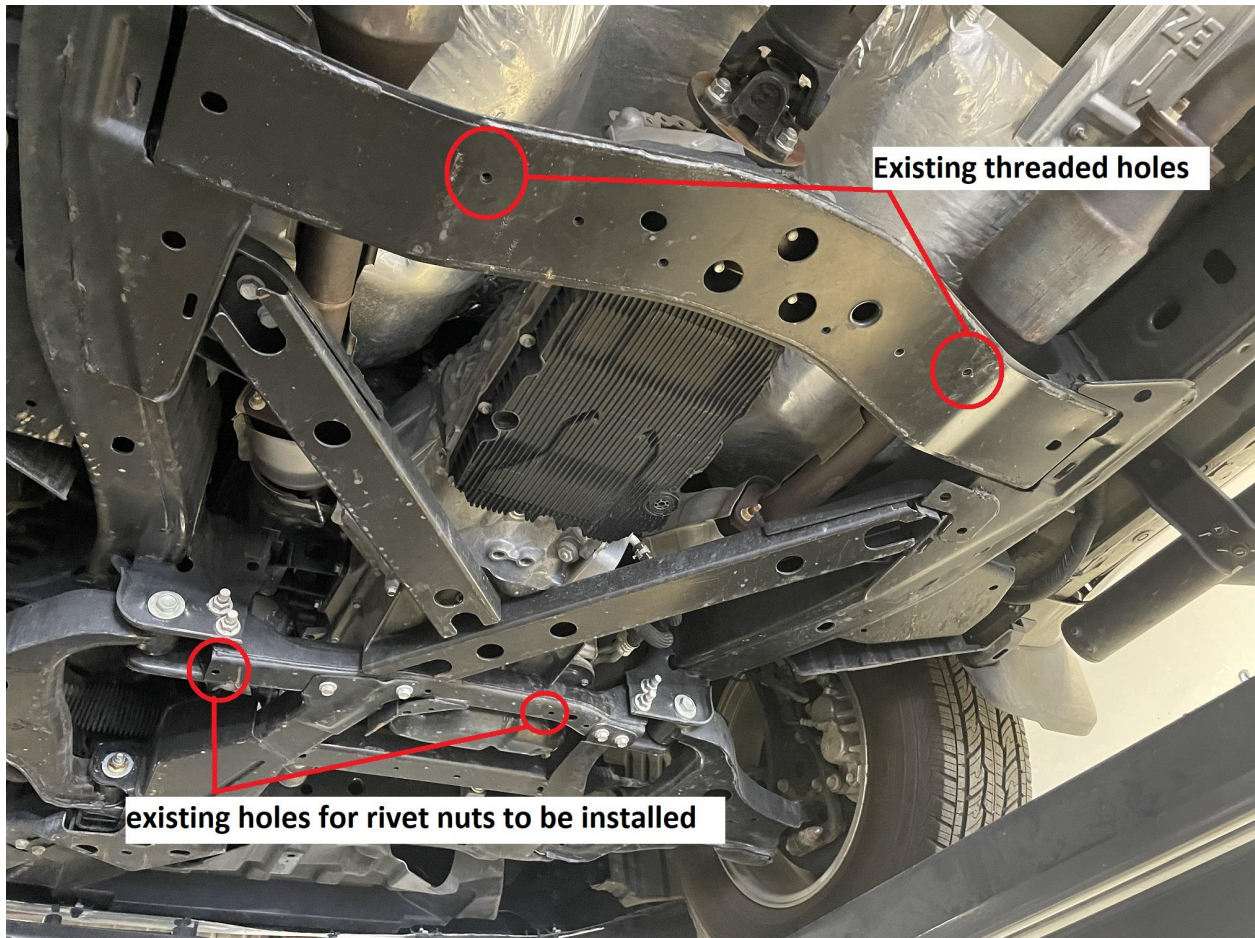
- (1) Blue Threadlocker



← Threaded Rivet Nut (Rivnut) Help

Steps:

- 1.) Begin by raising your Nissan. Place it securely on jack stands. Or alternatively use a vehicle lift. The vehicle must be high enough for you to use your rivnut installation tool.
- 2.) Identify your 4 mounting points. The front right hole will need to be drilled out to a 17/32" hole with a 5/16" rivnut installed. We will show this next. The other 3 holes are either open or threaded.



3.) Drill out the front right hole shown with a 17/32" drill bit. If this is not an option for you, drill it out with a 1/2" drill bit then bore it out to the exact size of the rivnut with a dremel tool.



4.) Install your 5/16" rivnut into the hole just drilled. If you need assistance with a rivnut tool please refer to the QR code on the first page.





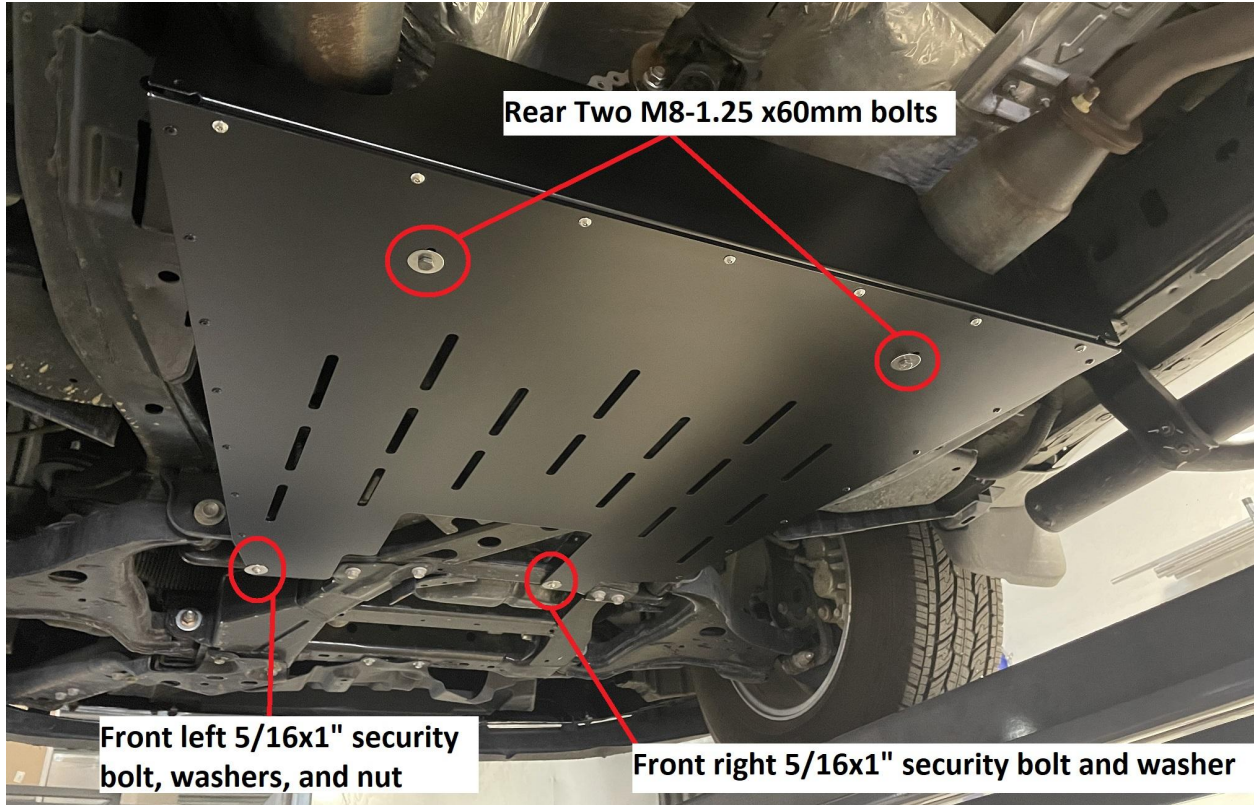
5.) Now that your rivnut is installed, you are ready to install the catalytic converter guard.

Front right: The threaded rivnut from the previous step uses a 5/16"x1" security bolt and 5/16"-1.25" washer. Use blue threadlocker on the threads of the bolt; a 3/16" security bit is required (your 1/4" socket fits over the security bits).

Front left: Use a 5/16"x1" security bolt, small washers under the guard and on the inside of the frame, and nyloc nut on top. A 7/16" wrench can be used to hold the nut, and a 3/16" security bit for the bolt.

Rear 2: Use M8-1.25 x 60mm bolts with 5/16-1.25 washers under the heads. The T40 security bit is required here, and 40mm spacers sit between the cat guard and frame. Use blue threadlocker. Tighten securely.

(pic on next page)



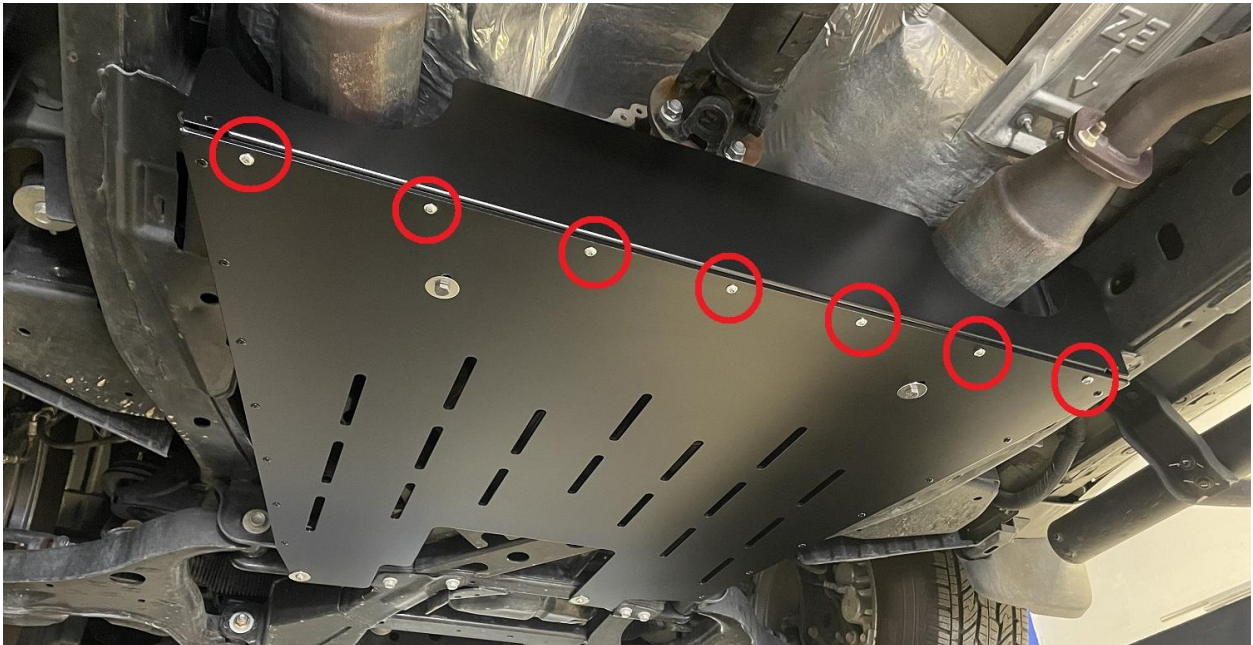
REAR TWO:



FRONT LEFT:



6.) Finally, if applicable, install your rear shield onto the guard using the 1/4"x1" security bolts with a 5/32 security bit and blue thread locker.



9.) Double check all bolts are secure and you are done! Enjoy your new cat guard ! Feel free to tag us online using #FSPerformanceEngineering. If you have any questions don't hesitate to contact us.

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THANK YOU :)