

# **NISSAN NV TRANSMISSION AND CAT SHIELD SKID PLATE INSTALL INSTRUCTIONS**

Install video [COMING SOON!](#)



## **JUGGERNAUT USA**

### **OFFROAD OUTFITTERS**

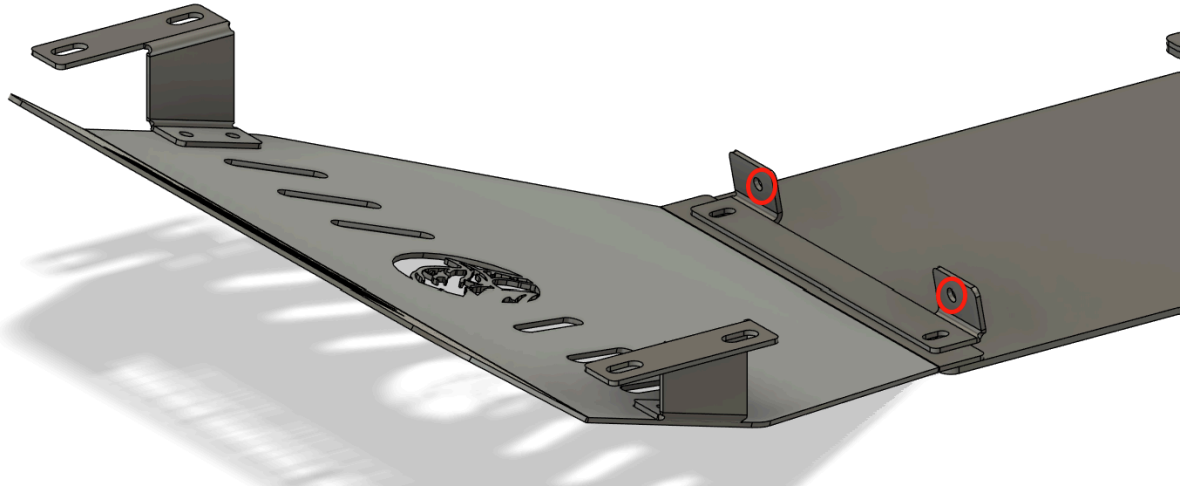
Thanks for purchasing our lithium battery skid plate! Please let us know if you have any issues or questions!

Feel free to call or text (970) 341-4221 or  
Email: [sales@juggernautusa.com](mailto:sales@juggernautusa.com)

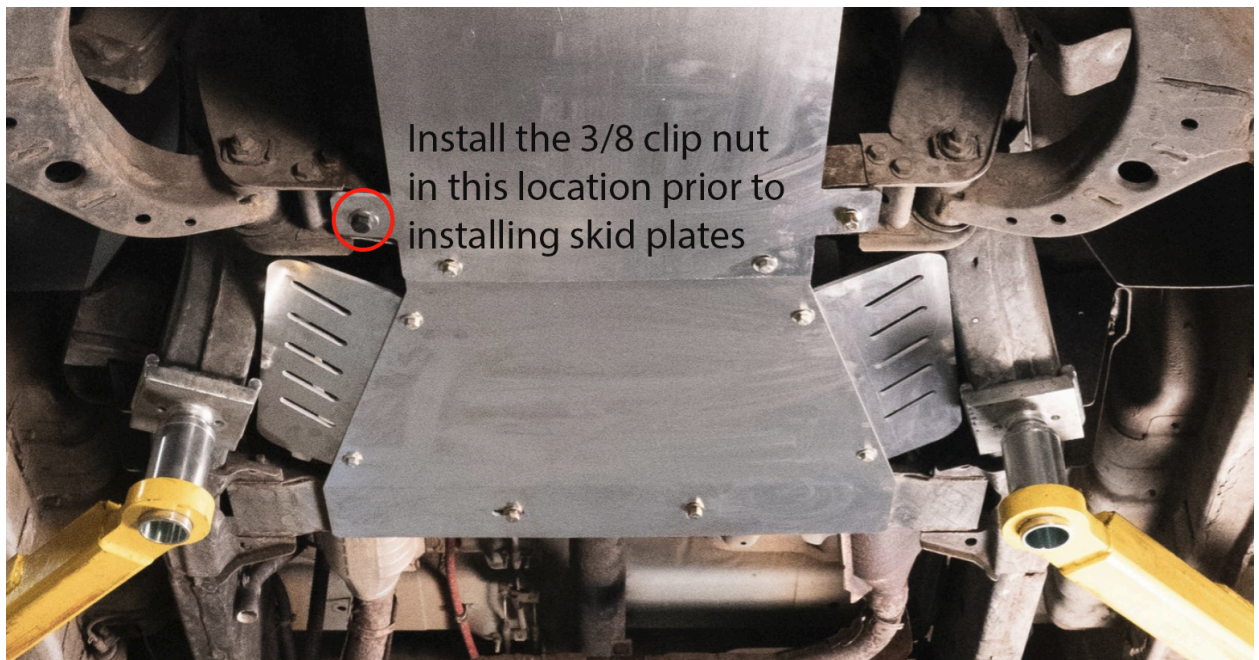
1. This skid plate can be installed with the van on the ground. If you do decide to jack up the vehicle to get more clearance to install the skid plate ALWAYS use jack stands!
2. The front mounting brackets will be the first item to install. On the frame rail You will install the right and left mounting brackets to the frame with the provided (4) M12-1.75x30mm bolts and washers as depicted below. Do not tighten all the way to allow some movement of the brackets for alignment with the skid plate. The brackets will be tightened at the end when all bolts are in place.



3. The next step is to attach the rear bracket for the front skid plate. Using the provided (2) M8-1.25x25mm bolts and washers attach the bracket to the subframe crossmember in the locations shown below. There will be threaded holes in the subframe that will line up with the bracket.

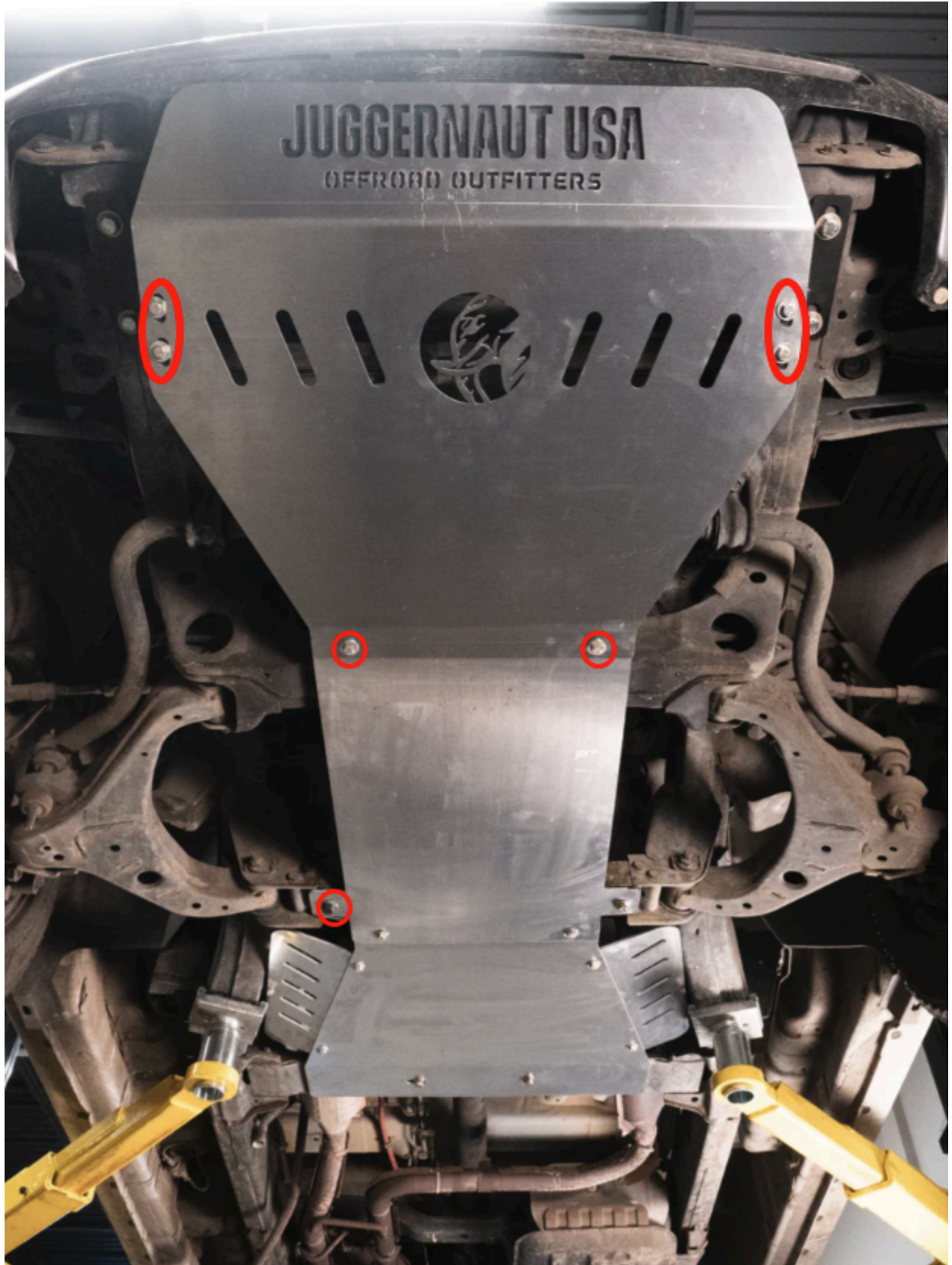


4. Next install the provided  $\frac{3}{8}$ " clip nut on the passenger side of the crossmember in the location shown below. The clip nut can be installed from the outside of the crossmember and slid until the threads align with the pre-existing hole in the crossmember.

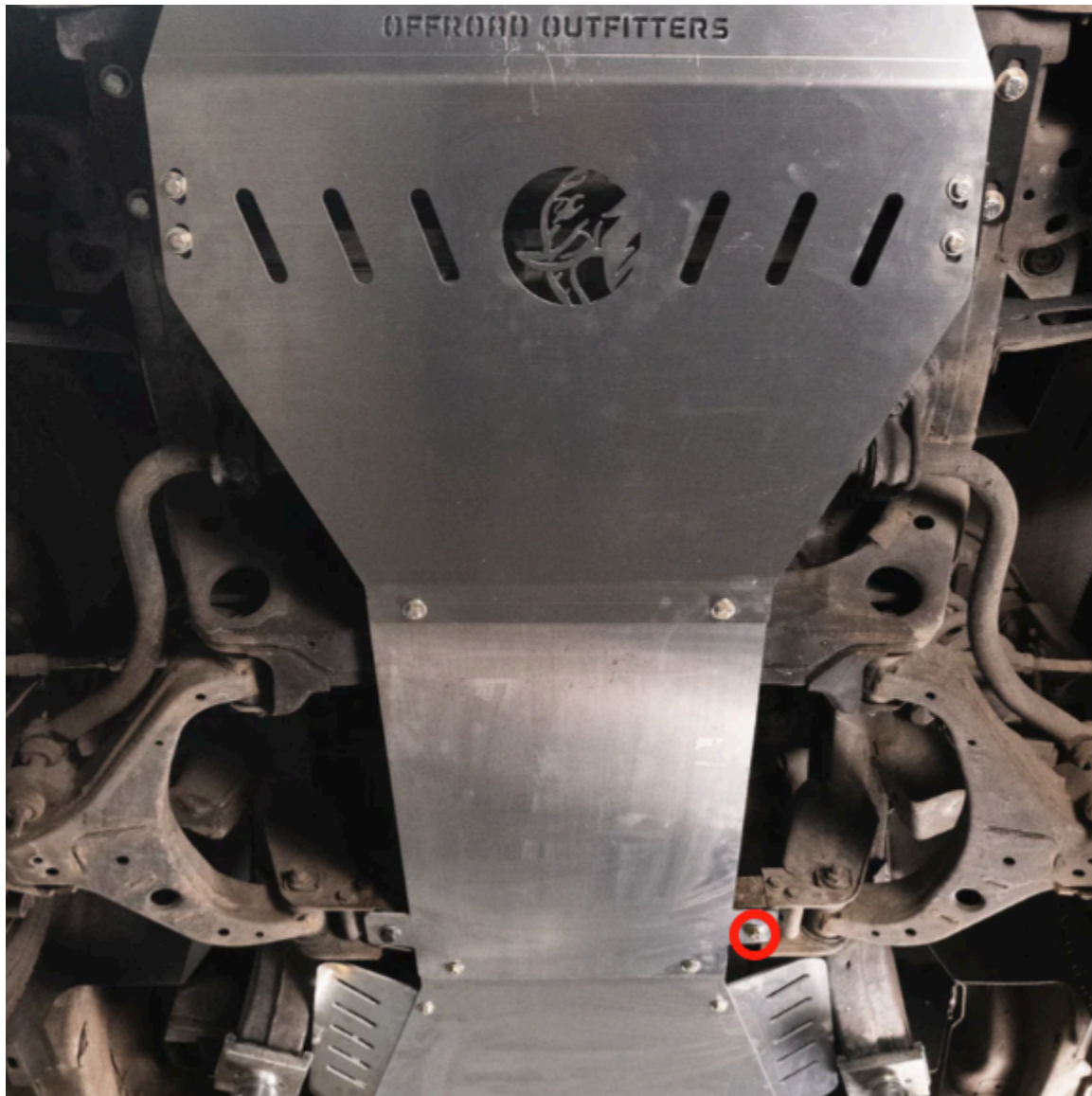


5. With the brackets and clip nut installed you can now mount the front and middle skid plates. Use the provided  $\frac{3}{8}$  grade bolts, washer and nylock nuts to install the skid plates in the locations shown below.

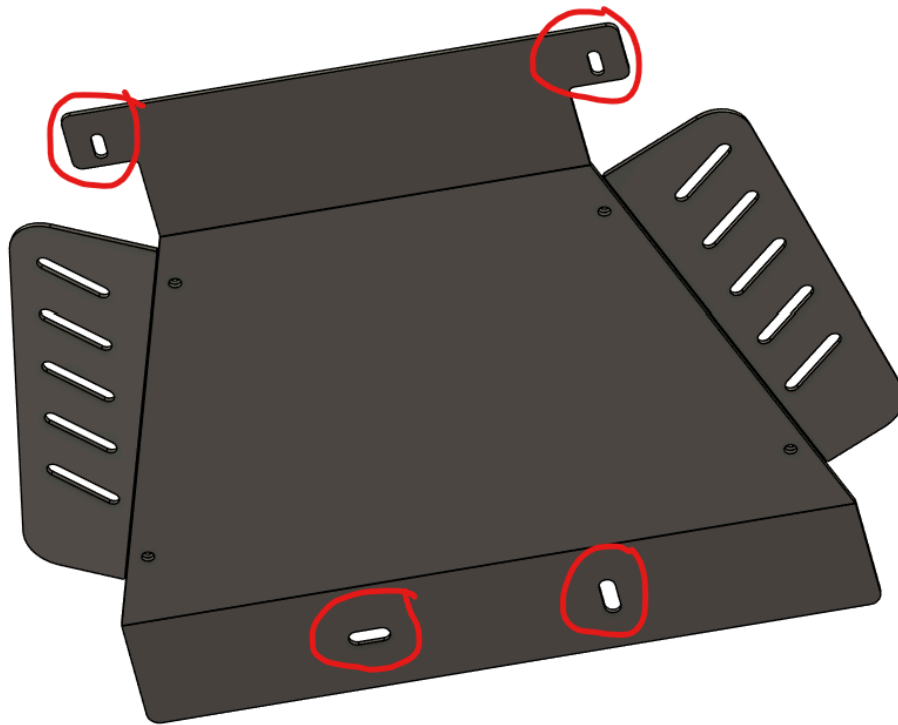




6. Next use the provided M12-1.75x80mm flange bolt and nut to secure the drivers side of the skid plate through the existing hole in the crossmember in the location shown below.



7. Prior to installing the rear skid plate install the left and right cat shield extensions with the (4) provided  $\frac{3}{8}$ " bolts, washers, and Nylock nuts.
8. For the transmission skid plate install on the front front of the skid plate the passenger side will use a  $\frac{3}{8}$ " bolt and washer to secure the plate to the clip nut installed in the previous step and the driver's side will use the provided M12 through bolt with the M12 nut on top of the crossmember.
9. The rear two holes will use the M12 through bolts through the rear crossmember with M12 nuts on top of the crossmember. See image below for bolt locations:



10. Run through all the bolts and tighten and installation is complete