

INSTALLATION GUIDE

16+ Tacoma Skids



EXPEDITION ONE
OFF-ROAD RESEARCH & EQUIPMENT

CONTENTS

Front Skid Hardware



Rear Skid Hardware



Front Skid Hardware List

- (8) 5/16" Clip Nuts
- (8) 5/16"-18 x 1" Hex Cap
- (2) 5/16" Yellow Zinc Washers
- (4) M8 - 1.25" x 30mm Hex Cap
- (4) M12 - 1.25" x 30mm Hex Cap
- (4) 1/2" washers
- (2) Steel Access Panel Covers

Rear Skid Hardware List

- (2) 1/2" Nut Retainers
- (2) 1/2" Yellow Zinc Washers
- (2) 1/2" x 1" Hex Cap bolts
- (4) 5/16" Clip Nuts
- (6) 5/16" x 1" Hex Cap bolt
- (2) 5/16" Nylon Locking Nuts
- (12) 5/16" Yellow Zinc Washers
- (4) M8 - 1.25" x 30mm Zinc Finish Hex Cap
- (4) 3/8" x 1" Button Heads bolt
- (4) 3/8" x 1" Hex Cap Bolt
- (8) 3/8" Nylon Locking Nuts
- (16) 3/8" washers
- (1) Steel Access Panel Cover
- (2) (1 left, 1 Right) Rear Skid Mounting Brackets-

1 Skid Plate System Install



Place the included clip nuts into each corner of the skid access panels

2

Place each access panel into their respective access openings.



3



We recommend putting a small amount of blue lock tite around the threads of each access panel bolt to help keep them on securely.

4



Place each access panel bolt into position by hand

5

Tighten each bolt with socket wrench



6



Now that the prep work is out of the way, we'll need to remove both the stock front and mid section skid plates that come installed on vehicle.

These are removed with a few bolts that hold it into place.

7



Mid section stock skid plate being removed.

8

You will also need to remove the two small cross members shown right that are also held on by a few bolts.



9



The curved bars shown left will also need to be removed with two bolts holding each one.

10



Take the two included angled nut retainers and insert them into the 2nd hole on each side so that the threaded nut appears on the outer holes.

11

Your nut retainers should appear as shown in photo to right.



12



you will need to remove the bolt on the retainer piece that is holding the brake lines in place on the driver's side, as well as the 2nd bolt that is pointed at in photo to left.

*See photo on next page for additional reference

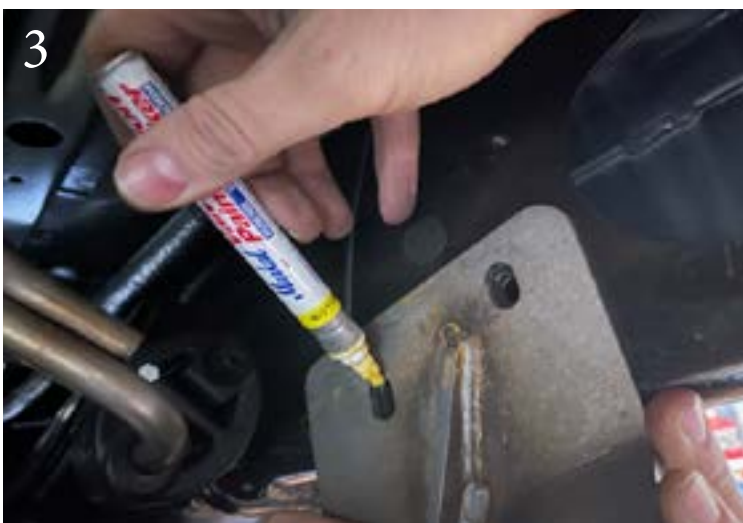
NOTE

Some models may require the removal of a trim piece and drilling at the passenger side frame mounting location for the rear skid plate bracket.

Remove the trim at the frame by removing the OEM hardware. (1st photo with trim piece removed)

With the trim piece removed a second hole will need to be drilled to mount the rear skid plate bracket. To find the hole location it is recommend that the rear skid plate be loosely mount in place and test fitted with the bracket. Line up both the skid plate bracket hole locations and the single frame hole using the bracket. Once located mark the location for drilling. (photos 2-4 and instructions 15-17)

With the location marked, drill the hole into the frame and seal with paint to prevent rust. Mount in steps 13-14 using OEM or provided hardware.



13



place the included rear skid reinforcement bracket into position and reuse the two bolts to secure it into place.

14

Mount the passenger side bracket.

*Reminder to keep all bolts fairly loose until the entire skid plate system is securely in place with all bolt locations.



15



We are now ready to place the rear skid which may require the help of a friend. Align the skid with the rear skid reinforcement brackets you just installed and hand tighten with two washers and bolts shown left. Keep these fairly loose so that the rest of the hardware can easily secure the rest of the skid plate.

16



Place two provided allen head bolts with included washers and tighten the mid section skid plate to the reinforcement brackets.

*Again, keep these fairly loose to give your skid plate some 'play' to get the rest of the skid bolts inserted.

17

Working your way towards the front, insert the remaining skid plate bolts.

Go ahead and tighten all rear skid plate bolts at this point if everything is aligned.



18



We can now place the front skid plate by hand tightening two included bolts and washers to hold the front in place.



Towards the rear of the front skid plate, you can place the additional bolts with washers into the openings.

There are also two more bolt locations towards the front of skid that will need to be secured with provided washers.



If all bolts are securely in place, you can tighten everything down, double checking all bolts that hold both skid plates in place. *NOTE - After a few off-road trips or around 500 miles, re-check all bolts are secure.

