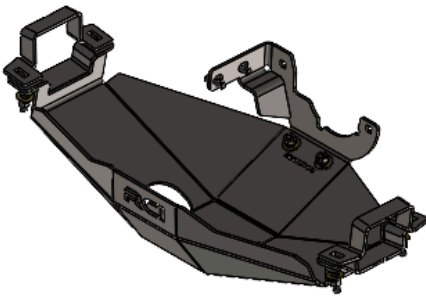




RCI 24+ TOYOTA TACOMA HYBRID REAR DIFFERENTIAL SKID PLATE INSTALLATION GUIDE

****This install guide is applicable to our 24+ Toyota Tacoma Rear Differential Skid
Plate ONLY****

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	SM-00792	.188MS 24+ Tacoma Rear Diff Skid	1
3	SM-00794	.188MS 24+ Tacoma Diff Top Axle Clamp	2
4	SM-00938	24 Tacoma Hybrid Diff Pinion	1
5	HK-00025	KIT: 22+ TUNDRA DIFF SKID KIT	1
5.1	HW-00052	3/8-16 X 1 CARRIAGE BOLT GR-5	2
5.2	HW-00026	3/8 USS FLAT WASHER THRU HARD	8
5.3	HW-00029	3/8 SPLIT LOCK WASHER ZINC	6
5.4	HW-00030	3/8-16 FIN HEX NUT GR-5 ZINC	6
5.5	HW-00091	M10-1.25 X 20MM HEX FLANGE	2
5.6	HW-00035	3/8-16 X 1-1/2 CARRIAGE BOLT	4
6	BX-00001	28x14x6 UNI DIFF (TOYOTA DIFF SKID)	1



UNLESS OTHERWISE SPECIFIED:	PROPRIETARY AND CONFIDENTIAL	DRAWN	NAME	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ± 0.010 ANGULAR: BEND ± 0.5 TWO PLACE DECIMAL: ± 0.015 THREE PLACE DECIMAL: ± 0.010	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RCI Offroad. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RCI Offroad IS PROHIBITED.	SS		5/23/2024
Export Date 12/24/2024				
RCI OFFROAD				
TITLE: TACO-24-DIFF-NONHYB				
Item Number FG-00552				REV 1
DO NOT SCALE DRAWING		SCALE: 1:5	WEIGHT:	SHEET 1 OF 11

INSTALLATION STEPS:

****Use hand tools, impact wrenches may cause damage if over torqued.**

1. Loosely install the Lower Pinion Clamp Bracket to the Rear Differential Skid Plate, using two (2) of each of the included 3/8"x1" Carriage Bolts, 3/8" Split Washers, 3/8" Flat Washer, and 3/8" Nut.
 - a. Install the Bottom Pinion Bracket on the outer face of the Rear Differential Skid Plate as shown:

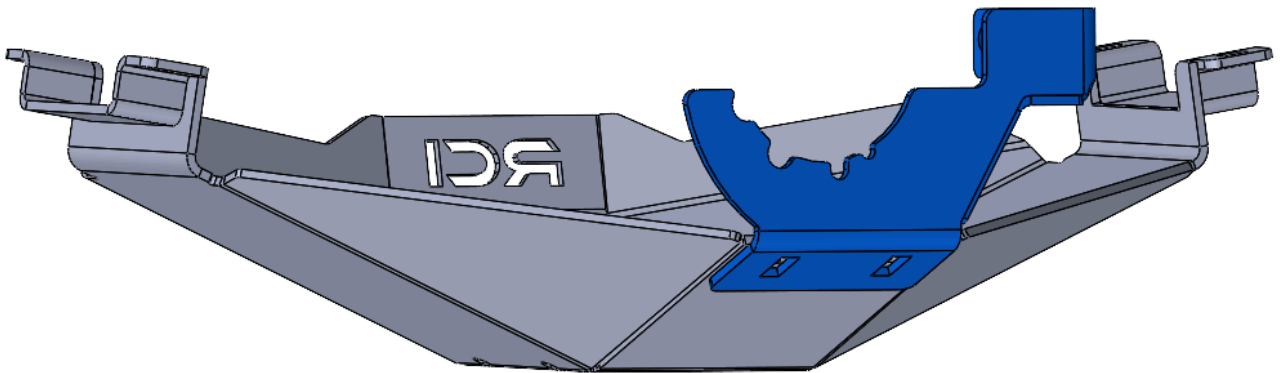


Figure 1 Correct Bottom Pinion Bracket Orientation

- b. Loosely install the hardware in the order and orientation shown:

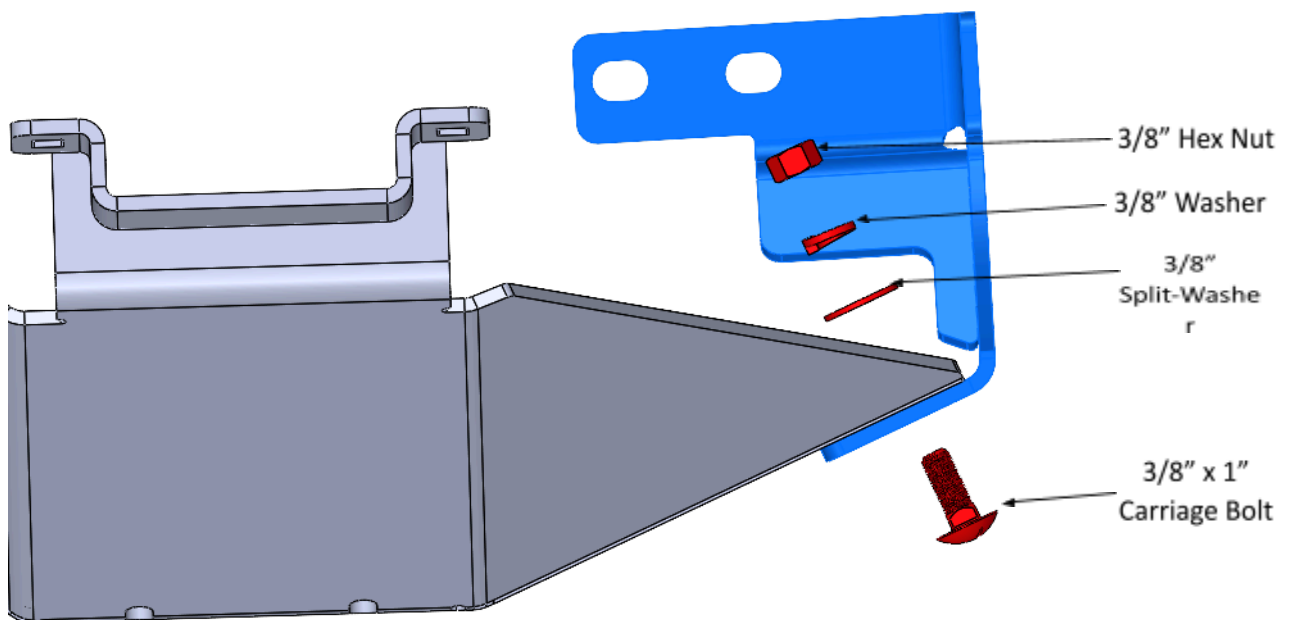


Figure 2 Pinion Bracket Hardware Orientation

2. Collect the two (2) Top Axle Clamps and install them on top of the axle in the orientation shown in Figure 4.
 - a. NOTE: the brake line may need to be loosened for the brackets to fit through flush to the axle. A 12mm wrench will be needed for this.
 - b. Once the Top Axle Clamps are in place re-install the brake link bolts.



Figure 3 Brake Line Bolts to Loosen



Figure 4 Rear View Top Axle Clamp Orientation

3. Loosely Install the Differential Skid to the top axle clamps with the use of four (4) of each of the included 3/8"x1.5" Carriage Bolts, 3/8" Split Washers, 3/8" Flat Washer, and 3/8" Nut.
 - a. The axle clamps should be installed with the threads facing the ground in the orientation depicted in Figure 5.

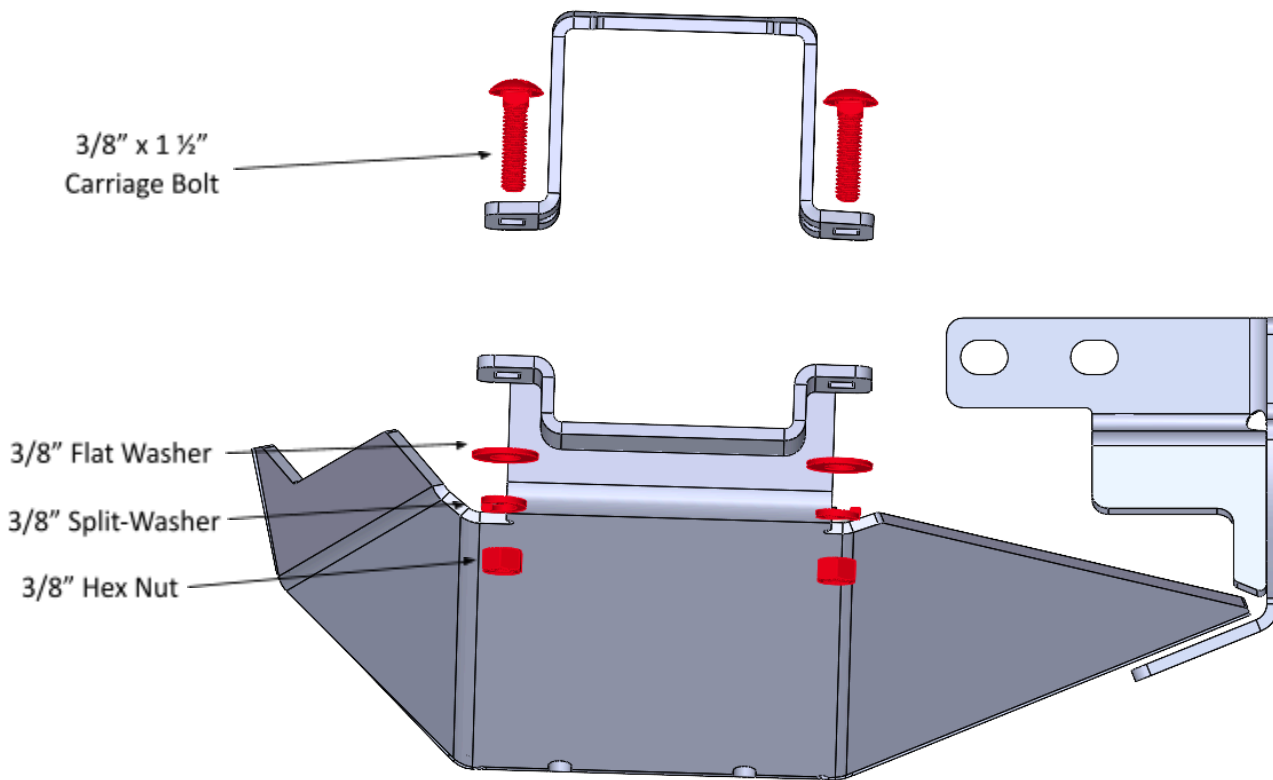


Figure 5 Axle Clamp Hardware Correct Orientation

4. Once all components are loosely fastened, collect two (2) of each of the included M10 x 20mm Hex Bolt and 3/8" Flat Washer.

5. Thread the M10 Hex Bolts with 3/8" Flat Washers through the Bottom Pinion Mount into the threaded holes on the driver side of the differential as depicted in Figure 6.

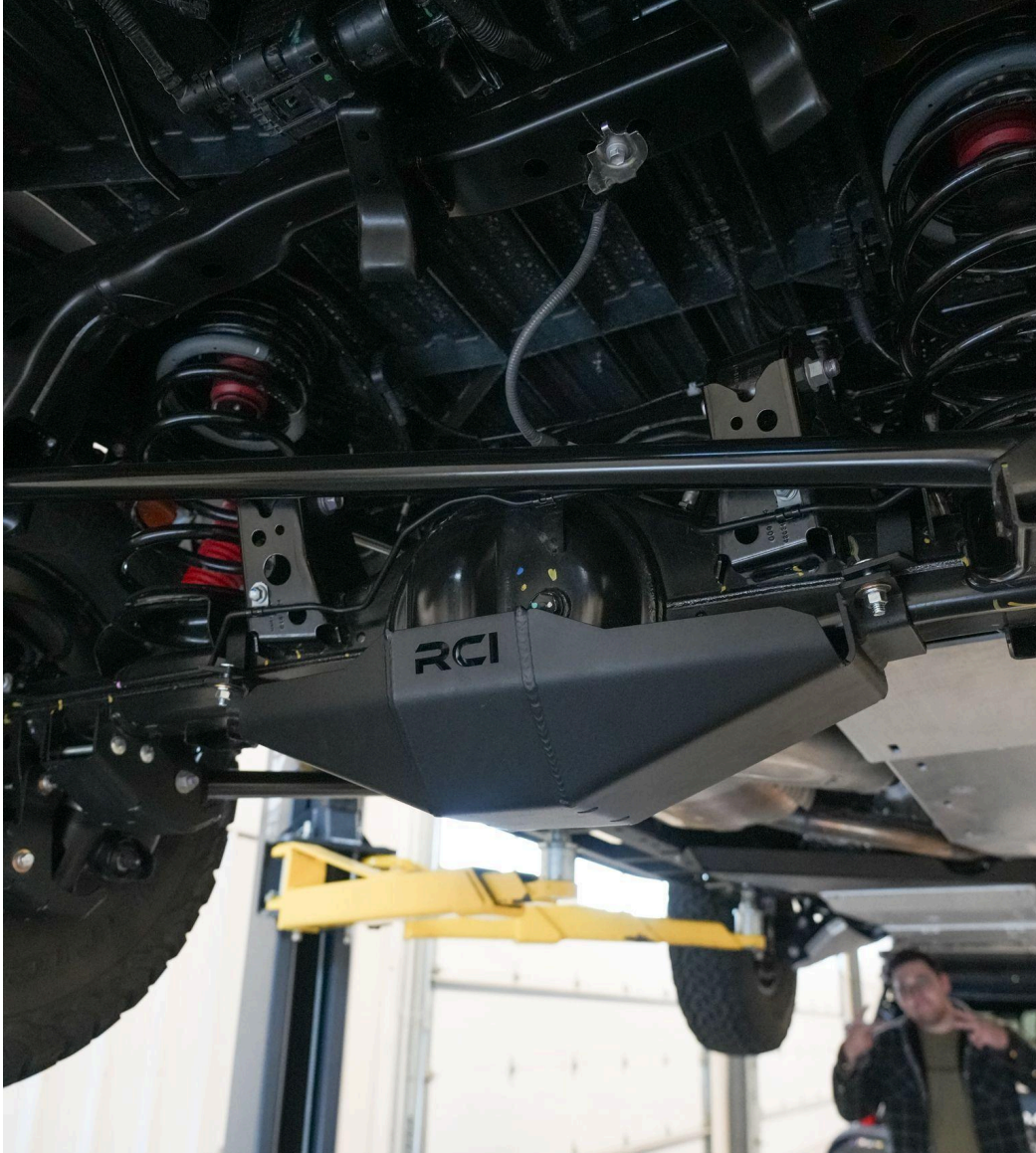


Figure 6 M10 Hex Bolt Correct Installation

6. Tighten all hardware in the following order; First tighten the M10 Hex Bolts, next tighten 3/8" x 1" Carriage Bolts on the Bottom Pinion Bracket, and lastly tighten the 3/8" x 1.5" Carriage Bolts on the axle clamps (Tighten these four (4) carriage bolts evenly in a star pattern).



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