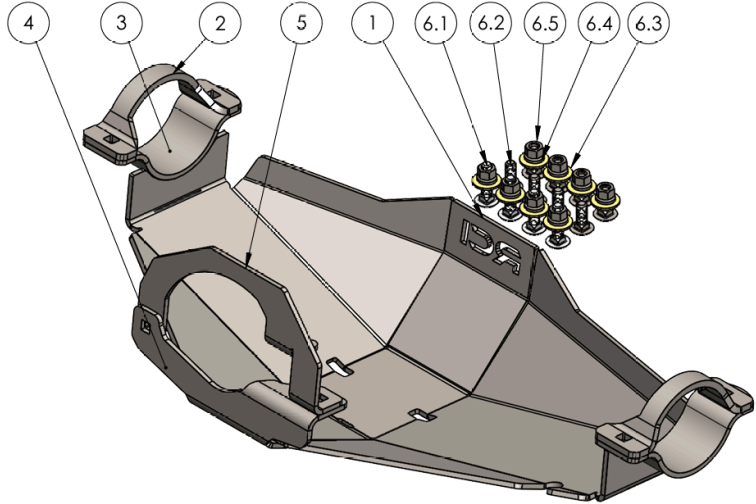


## RCI FORD 24+ RANGER - REAR DIFFERENTIAL SKID PLATE INSTALLATION GUIDE

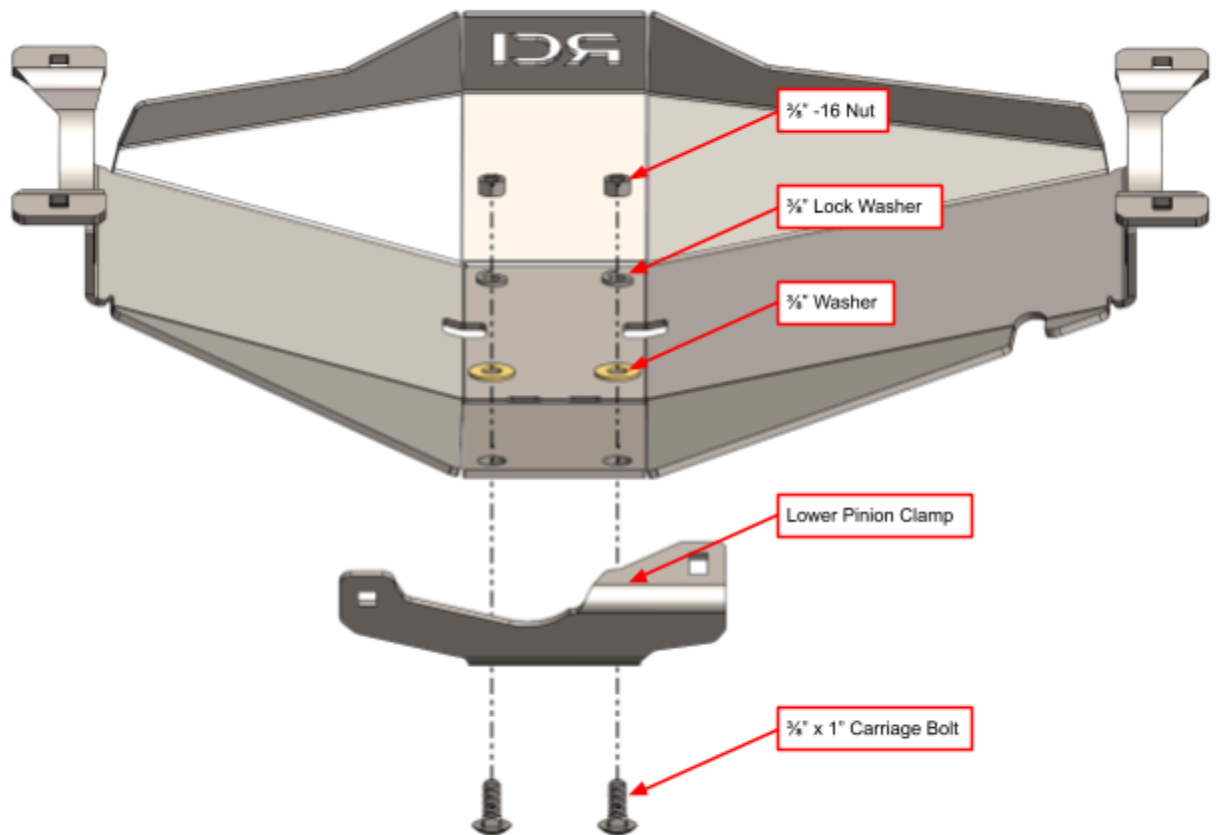
| ITEM NO. | DESCRIPTION                            | QTY. |
|----------|--|------|
| 1        | .188Ms Bronco Diff Skid R10            | 1    |
| 2        | M. Universal Axel Upper                | 2    |
| 3        | M. Universal Lower Clamp               | 2    |
| 4        | 21 Bronco 24 Ranger Lower Pinion Clamp | 1    |
| 5        | 21 Bronco 24 Ranger Upper Pinion Clamp | 1    |
| 6        | KIT: DIFFERENTIAL HARDWARE KIT         | 1    |
| 6.1      | 3/8-16 X 1-1/2 CARRIAGE BOLT           | 4    |
| 6.2      | 3/8-16 X 1 CARRIAGE BOLT GR-5          | 8    |
| 6.3      | 3/8 USS FLAT WASHER THRU HARD          | 8    |
| 6.4      | 3/8 SPLIT LOCK WASHER ZINC             | 8    |
| 6.5      | 3/8-16 FIN HEX NUT GR-5 ZINC           | 8    |



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

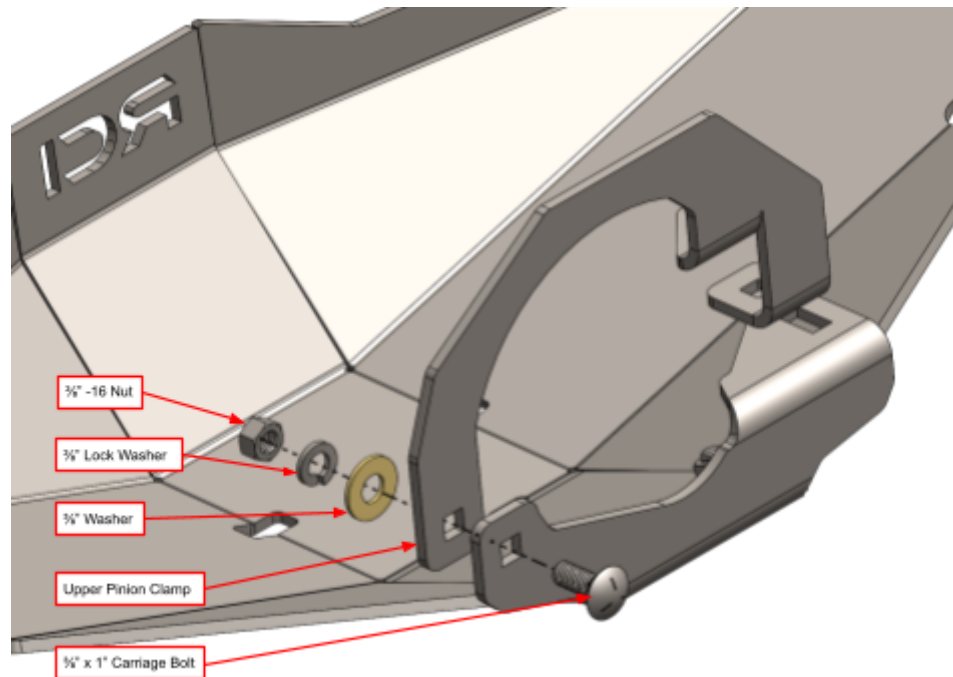
## **Installation**

- 1) Begin by unpacking and removing all components and hardware. Please verify that all hardware and mounting components are present. Reference your original order invoice and verify all items are accounted for.
- 2) 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 Lower Pinion Clamp Bracket on the outer face of the Rear Differential Skid Plate as shown:



*Figure 1: Lower Pinion Clamp Assembly*

- 3) Loosely install the Upper Pinion Clamp with the use of one (1) of the included 3/8"x1" Carriage Bolts, 3/8" Split Washers, 3/8" Flat Washer, and 3/8" Nut. Rotate out of the way once installed to prepare for vehicle install.



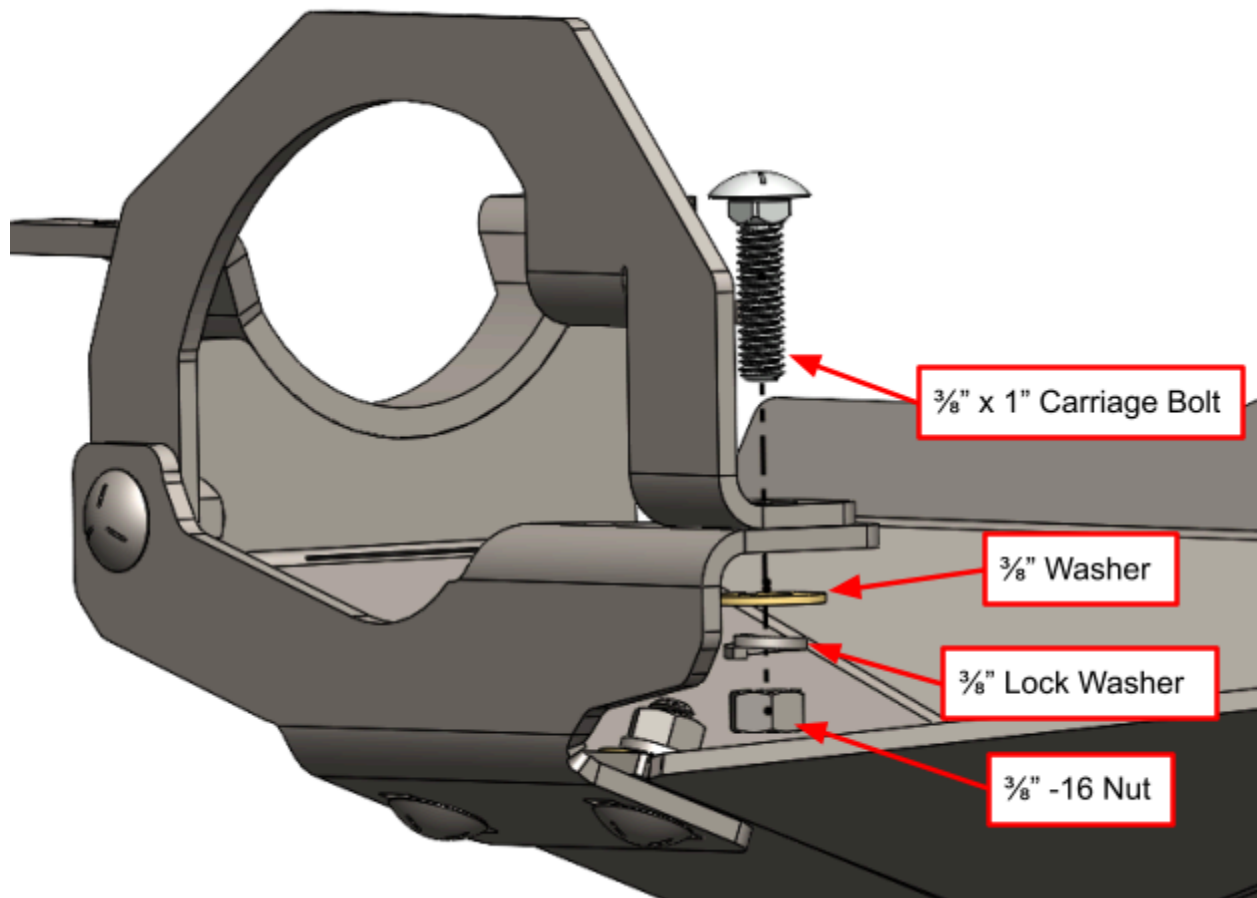
*Figure 2: Upper Pinion Clamp Assembly*

- 4) Lift the Rear Differential Skid assembly up to the rear axle of the vehicle as shown



*Figure 3: Assembled Diff Skid Install*

- 5) Loosely install the other Upper Pinion Clamp bolt with an included  $\frac{3}{8}$ "x1.5" Carriage Bolts,  $\frac{3}{8}$ " Split Washers,  $\frac{3}{8}$ " Flat Washer, and  $\frac{3}{8}$ " Nut.
  - a) The Upper Pinion Clamp should be installed over top of the front of the differential housing as shown:



*Figure 4: Clamping of pinion clamps*

- 6) Place the upper axle clamps onto the rear axle housing. Ensure no cables or lines are between the clamp and the housing.

- 7) Loosely install the Upper Axle Clamps over top of the rear axle with the use of two (2)  $\frac{3}{8}$ "x1" Carriage Bolts, two (2)  $\frac{3}{8}$ "x1.5" Carriage Bolts,  $\frac{3}{8}$ " Split Washers,  $\frac{3}{8}$ " Flat Washers, and  $\frac{3}{8}$ " Nuts.
- a) Install the  $\frac{3}{8}$ "x1" Carriage bolt on the vehicle front of the clamps and then install the  $\frac{3}{8}$ "x1" carriage bolts on the rear.

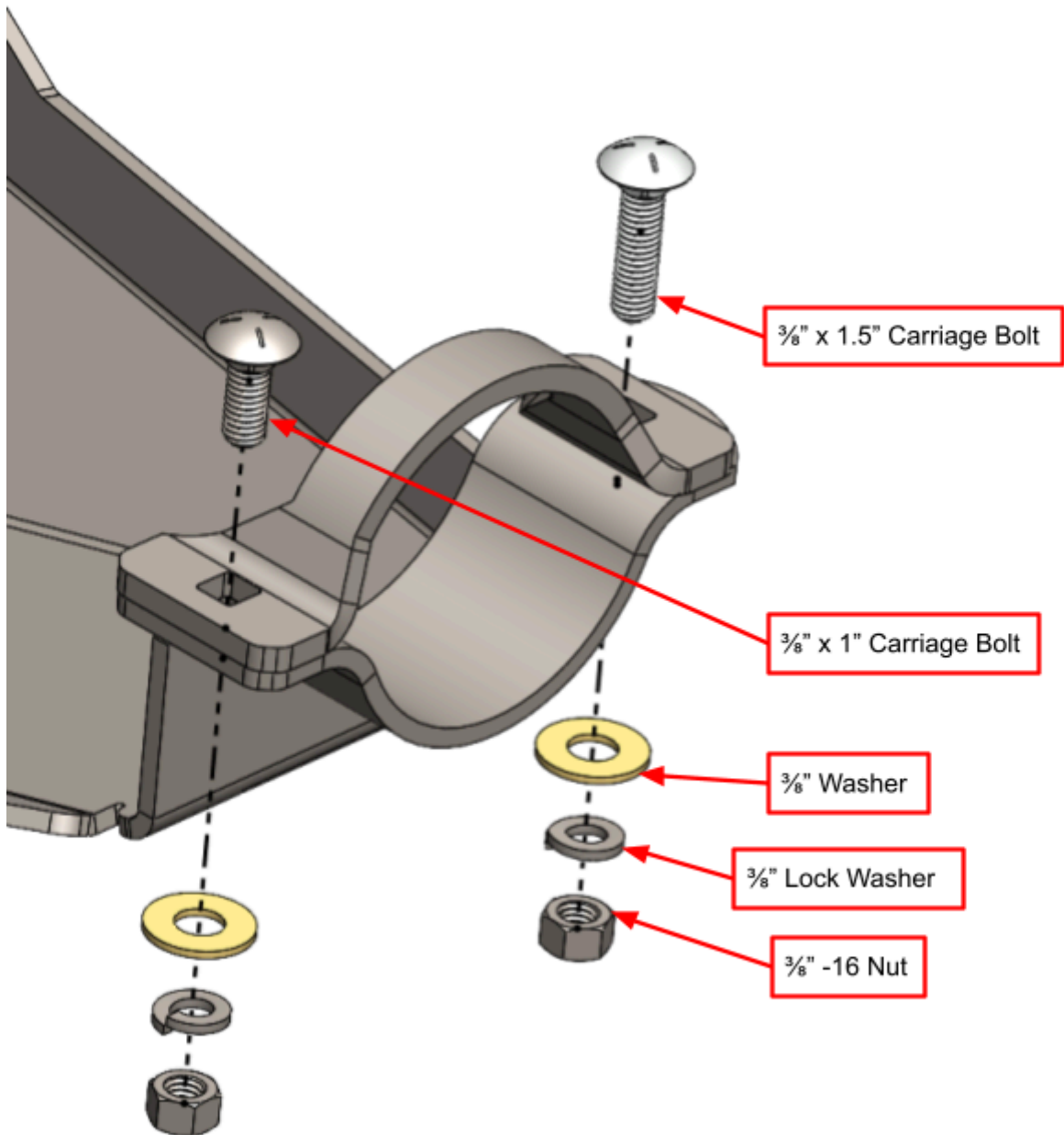
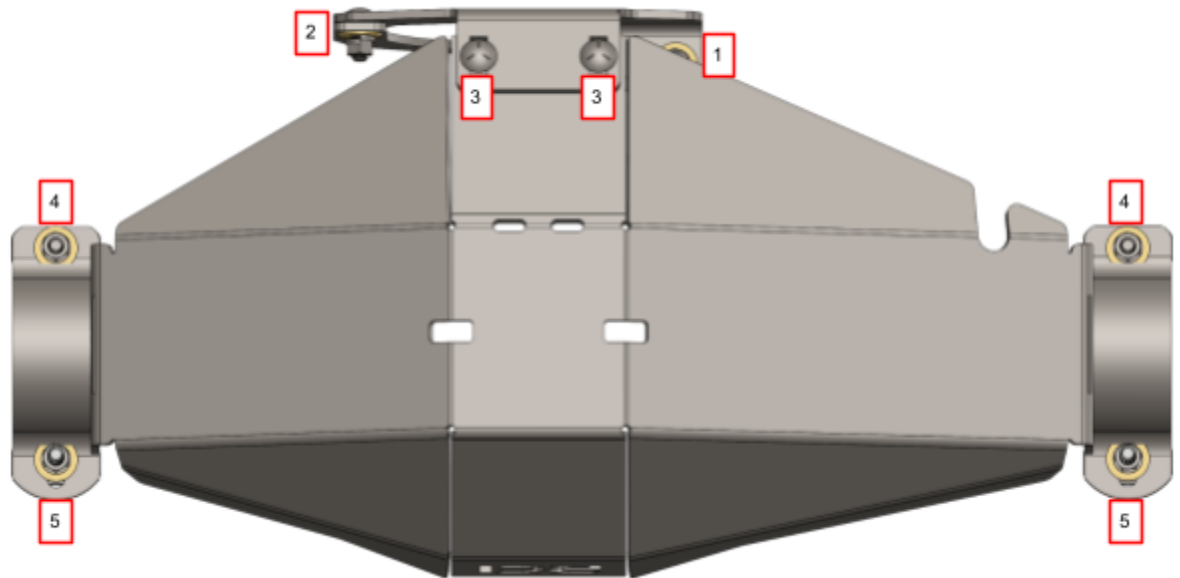


Figure 5: Axle Clamp Hardware Assembly

8) Tighten all hardware in the following order.



*Figure 6: Final Hardware Tightening Order*

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