RCI 05+ TOYOTA TACOMA TRANSFER CASE SKID PLATE INSTALLATION GUIDE

**This install guide is applicable to our 05+ Tacoma Transfer Case Skid Plate

(Stock Exhaust & Exhaust Re-Route)**

TOOLS REQUIRED:

Description
3/8" or 1/2" Socket Wrench and Socket Set
Box-End Wrenches

INCLUDED HARDWARE:

Item	Description	QTY
H1.	M8 x 1.25 x 30MM	2 ea.
H2.	5/16" Washer	3 ea.
H3.	M8 x 1.25 Nylon Lock Nut	1 ea.
H4.	7/16 x 1" Carriage Bolt	3 ea.
H5.	3/8" Washer	3 ea.
H6.	7/16" Split-Washer	3 ea.
H7.	7/16" Hex Nut	3 ea.

INCLUDED COMPONENTS:

Item	Description	QTY
C1.	Tacoma Transfer Case Skid Plate	1 ea.
C2.	Tacoma T-Case Crossmember	1 ea.

INSTALLATION STEPS:

1) Begin by unpacking and removing all components and hardware. Please verify that all hardware, components, and mounting components are present. Please reference your original order invoice and verify all items are accounted for.

2) If you are installing this in conjunction with the RCI Tacoma Transmission Skid Plate, loosen the two carriage bolts at the rear of the transmission skid plate. Only loosen these by about 1/2".

3) Begin installation by first loosening the OEM bolt securing the brake line on the interior of the vehicle drivers side frame. This bolt can be discarded, it will be replaced by the included hardware.
   a. **PLEASE NOTE**: On 16+ Tacoma trucks, there is a plastic dust cover installed by Toyota in the open end of the boxed frame. These dust covers will need to be permanently removed to allow proper clearance/mounting of the Tacoma T-Case Crossmember(C2).

4) On the Tacoma T-case Crossmember(C2), there are three 7/16" mounting points. On the flat surface of the crossmember, there is a "half-moon" shaped cutout. This cutout will need to be closest to the rear of the vehicle. Lift the crossmember into place and align the mounting hole behind the brake line bracket removed in step 3(Figure 1).

5) Insert the M8 bolt(H1) thought the brake line bracket, then through the crossmember and hand thread into the mounting point on the vehicle frame (Figure 1). DO NOT TIGHTEN. Insert an M8 bolt(H1) and 5/16" Washer(H2) through the crossmember and into the passenger side mounting location on the vehicle frame. Inside the boxed portion of the vehicle frame, add an additional 5/16" Washer(H2) and the M8 Nylon Lock-Nut(H3). DO NOT TIGHTEN.

FIGURE 1

6) Align the two slotted mounting points on the Tacoma Transfer Case Skid Plate(C1) with the two carriage bolts loosened in step 2. Insert the transfer case skid plate between the vehicle frame and the transmission skid plate. The mounting order should be as follows: Ground>Transmission Skid Plate>Transfer Case Skid Plate>Vehicle frame.

7) Pivot the rear portion of the Tacoma Transfer Case Skid Plate(C1) upwards until the three mounting holes are in line with the Tacoma T-case crossmember(C2). Insert one 7/16" Carriage bolt(H4) through the rear slotted mounting point of the transfer case skid plate. Install one 3/8" Washer(H5), 7/16" Split-Washer(H6), and 7/16" Hex nut(H7) onto the carriage bolt in the above stated order. Do NOT tighten.

8) Repeat step 7 with the second and third slotted mounting locations on the transfer case skid plate. Do **NOT** tighten.

9) Verify that the Tacoma Transfer Case Skid Plate(C1) is pushed as far forward as possible. Tighten the two carriage bolts for the RCI Transmission Skid Plate to hand tool tight. Tighten the M8 bolt(H1), installed with the Tacoma T-Case Crossmember(C2) on the passenger side, to hand tool tight. Tighten the M8 bolt(H1), installed with the Tacoma T-Case Crossmember(C2) on the driver side, to **30ft/lbs**. Last, tighten the three 7/16" Carriage Bolt(H4) assemblies securing the transfer case skid plate to the t-case crossmember.

10) Installation of your new RCI 05+ Toyota Tacoma Transfer Case Skid Plate is now complete!

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