

# RCI 05+ TOYOTA TACOMA ROCK SLIDER

## INSTALLATION GUIDE

**\*\*This install guide is applicable to both 05-15(2<sup>ND</sup> GEN) and 16+(3<sup>RD</sup> GEN) vehicle years\*\***

**\*\* This install guide is applicable to Double Cab Short Bed (DCSB), Access Cab Long Bed (ACLB), and Double Cab Long Bed (DCLB) vehicle configurations\*\***



### TOOLS REQUIRED:

Description
3/8" or 1/2" Socket Wrench and Socket Set
Metric Box-End Wrenches
Flat Head Screwdriver / O-ring pick (not usually needed)

### INCLUDED HARDWARE:

Item	Description	QTY
H1.	M10 x 1.25 x 30mm Bolt	2 ea.
H2.	M8 x 1.25 x 30mm Bolt	3 ea.
H3.	5/16" Washer	3 ea.
H4.	7/16" x 1.5" Bolt	10 ea. 14 ea.(DCLB)
H5.	7/16" x 2" Bolt	4 ea.
H6.	Over-sized Backing Washer	12 ea. 16 ea.(DCLB)

### INCLUDED HARDWARE (cont.):

Item	Description	QTY
H7.	3/8" Washer (For use with M10 and 7/16" bolts)	<u>16 ea.</u> 20 ea.(DCLB)
H8.	7/16" Split Washer	<u>12 ea.</u> 16 ea.(DCLB)
H9.	7/16" Hex Nut	<u>12 ea.</u> 16 ea.(DCLB)

### INCLUDED COMPONENTS:

Item	Description	QTY
C1.	Driver Side Rock Slider	1 ea.
C2.	Passenger Side Rock Slider	1 ea.
C3.	Driver Side Support Bracket	1 ea.
C4.	Passenger Side Support Bracket	1 ea.
C5.	Support Bracket Frame Insert	2 ea.
C6.	Frame Plate Spacers (05-15 Tacoma ONLY)	2 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.
  - a. **PLEASE NOTE:** The frame plate of our 05+ Tacoma Rock Slider is designed to fit every trim level and package on the Tacoma from 2005 to Present. There may be holes on your specific vehicle frame that do not align with a pass-through hole in the rock slider frame plate. RCI provides enough hardware for eight locations on the driver and passenger side, however you may only have 4-8 locations possible. This is sufficient and there may be some variance between the driver and passenger sides.
  - b. Sliders purchased with an RCI Black Powder Coat should be inspected thoroughly for any possible damage during shipment. Once the sliders have been mounted to the vehicle, RCI will no longer be able to assist with powder coat damage that may have occurred in transit.
  - c. Sliders purchased in Bare Metal should be cleaned with Acetone and covered in a rust preventative (powder coat, paint, bed liner) before mounting to the vehicle.
  
- 2) Beginning with the Driver Side Rock Slider(C1), remove the factory black sticker/black plastic plugs placed over the forward holes in vehicle frame. These are OEM from Toyota and located above the forward transmission crossmember. Temporarily unbolt the small bracket on outside face of the vehicle frame, as well as any other brackets present.

The amount and location of these brackets can vary between vehicle models and years. These will be fastened over top of rock slider frame plate once install has been complete. There will be a couple of mounted electrical boxes present between the driver and passenger side. These junctions have a plastic cover that can be removed to expose the hardware securing the junction to the vehicle frame. These junctions will be attached upon completion of the installation.

- a. **PLEASE NOTE:** For 2016+ Tacoma's, there is a plastic debris guard on the inside of the frame, behind the brake line, and brake line bracket. This will be covering a forward opening in the vehicle frame and will need to be removed for access to the inside of the vehicle frame.
- 3) Remove the bottom bolt on either side of the drive shaft carrier bearing cross-member. The bolt is located on the bottom of the vehicle frame. This bolt will be replaced with the longer bolt supplied with hardware kit.
  - 4) Lift the Driver Side Rock Slider(**C1**) into position with the “key shaped” mounting hole towards the rear of the vehicle and the bend in the rock slider frame plate pointing to the front of the vehicle. The use of a floor jack, stool, cooler, or a helping hand is recommended until fasteners are installed.
    - a. For **DCSB** and **ACLB** configured vehicles, center the suspended slider between the wheels and ensure that the rock slider frame plate and vehicle frame are in contact. This alignment will allow you to properly seat the slider by utilizing the four indicator cutouts in the rock slider frame plate.
    - b. For **DCLB** configured vehicles, center the suspended rock slider between the cab doors and ensure that the rock slider frame plate and vehicle frame are in contact. This alignment will allow you to properly seat the slider by utilizing the four indicator cutouts in the rock slider frame plate.
  - 5) Install one RCI provided M10 x 1.25 bolt(**H1**) with one 3/8” washer(**H7**), replacing the OEM bolt removed in step three. Tighten bolt making sure slider is firmly pressed against the frame.
  - 6) Locate the “key shaped” mounting hole to the rear of the rock slider frame plate and install one 7/16” bolt(**H4**), 7/16” split washer(**H8**), and 3/8” washer(**H7**) through the slider frame plate and vehicle frame plate. On the inside of the vehicle frame, install one Over-sized Backing Washer(**H6**) and one 7/16” Hex Nut(**H9**) to the fastener inserted previously. Tighten to hand tool tight.
  - 7) Repeat step 6 on all applicable mounting hole locations (quantity/location will vary based on year and model), but do **NOT** install for the forwardmost two mounting holes.
    - a. At this time, you can begin to remove any items previously used to suspend the slider in place. Verify that the slider is mounted sturdily with the installed fasteners **BEFORE** removing any supporting items.

- 8) With the slider supported by its own mounting locations, begin by locating the “pill-shaped” cutout in the forward transmission crossmember. This crossmember should be directly below the two forwardmost mounting holes, in the slider frame plate, that were not used in step 7. This “pill” cutout will be present on the near 45-degree angle of the crossmember.
- a. **PLEASE NOTE:** For installation on 05-15 model Tacoma, place the Frame Plate Spacers(C6) between the rock slider frame plate and the vehicle frame. The guide arrows on the Frame Plate Spacers(C6). Should have on arrow pointing to the front of the vehicle and one arrow pointing to the roof of the vehicle. This plate should press fit between the rock slider frame plate and the vehicle frame.
- 9) Installation of the Driver Side Support Bracket(C3) is the next and final stage. Locate the Support Bracket Frame Insert(C5), one 7/16” bolt(H4), 7/16” split-washer(H8), and a 3/8” washer(H7). Determining the Driver Side Support Bracket(C3) from the Passenger Side Support Bracket(C4) is easy. The Driver Side Support Bracket(C3) will mount on the outside of the rock slider frame plate with two legs reaching the empty mounting holes. The third mounting location on the Driver Side Support Bracket(C3) should drop below to the “pill shaped” cut out in the forward transmission crossmember. These Support Brackets will only fit on one side.
- 10) Utilizing the bolt assembly from step 9 and the Support Bracket Frame Insert(C5), insert the bolt through the third mounting location on the Driver Side Support Bracket(C3) and loosely thread the Support Bracket Frame Insert(C5) onto the bolt with the welded nut facing away from the entire assembly.
- 11) Insert the Support Bracket Frame Insert(C5) into the “pill” cutout in the transmission crossmember. You will need to enter sideways with the insert, rotate the insert, and pull outwards to properly seat it. Align the remainder Driver Side Support Bracket(C3) with the two forwardmost rock slider frame plate mounting holes and begin to hand tighten the fastener into the insert.
- 12) The Driver Side Support Bracket(C3) should now be seated in the correct location and snug to the outside of the rock slider frame plate. Locate one 7/16” x 2” bolt(H5), 7/16” split-washer(H8), and a 3/8” washer(H7). Insert the bolt assembly, at the furthest forward mounting hole, through the support bracket, rock slider frame plate, spacer plate (05-15 ONLY) and the vehicle frame.
- 13) Find the boxed portion of the vehicle frame where the debris guard was removed in step 2a (16+ ONLY). Gather one Over-sized Backing Washer(H6) and one 7/16” Hex Nut(H9) and reach into the boxed end of the frame. Locate the threads of the fastener that was inserted in step 12. Attach the backing washer and nut to the end.
- 14) Using a box end wrench to hold the hex nut inside the boxed portion of the vehicle frame, begin to tighten the bolt to hand tool tight.

15) Repeat steps 13-14 for the second mounting location in the Driver Side Support Bracket(C3). Fully check all fasteners are hand tool tight and verify secure mounting by standing on the slider. Locate the brackets and electrical junctions that were removed in step 2 and secure these back to the vehicle frame/rock slider frame plate in their original locations. RCI does provide three extended length M8 bolts(H2) for use with securing these junctions and brackets.

16) The Driver Side Rock Slider is now mounted! Repeat steps 2-15 for the Passenger Side Rock Slider. The passenger side installation is usually much easier than the driver side installation.

17) This concludes the installation of the 05+ Toyota Tacoma Rock sliders!



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