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## 05+ TACOMA APEX BOLT-ON ROCK SLIDER INSTRUCTIONS

### Important notices:

*These instructions are intended only as a general guide for installing All-Pro products. For some items, specialized mechanical skills, metal fabrication and/or welding skills may be needed for proper installation. If you have any doubts or questions about installing these or other parts please call us at the shop 951-658-7077 or contact a competent mechanic, fabricator, welder or other appropriate professional.*

*Aftermarket accessories are intended to modify and/or prepare a vehicle for uses that exceed conditions anticipated by the vehicle manufacturer. These uses may include high performance demands and negotiation of rough terrain. These conditions have extreme variance and cannot be controlled by the vehicle manufacturer or aftermarket accessory manufacturer. Therefore, the safe control of your vehicle is entirely your responsibility. Do not purchase parts from All-Pro Off Road unless you are willing to accept this responsibility. Do not install any All-Pro part that you do not feel competent at installing without causing present or future injury to yourself or others; consult a professional installer .*

*All parts sold by All-Pro Off Road are for off road racing use only and are not intended for use on the street. Modification of your vehicle to enhance performance with the parts sold by All-Pro Off Road can result in dangerous situations that may result in bodily harm. The buyer hereby assumes all risks associated with any such modifications. All-Pro Off Road will not accept responsibility for personal injury or property damage arising from the failure of any parts manufactured or sold by All-Pro Off Road.*

*In an effort to provide both durability and safety, All Pro Off Road recommends you carefully read the entire installation procedure before beginning, then rigidly follow these instructions during installation. Also, it is extremely important that you abide by proper safety procedures including the use of jack stands, setting the parking brake, wearing eye protection, etc.*

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### **05+ Tacoma Rock Slider Hardware: (All Zinc Plated Grade 8 Hardware)**

8	Nut Plates	8	3/8 x 1" Counter Sunk Bolt
8	3/8" Lock Washers (for use w/ nut plates)	33	3/8 Flat Washer
16	3/8 x 1" Hex Head Bolt	17	3/8 Lock Nuts

*(Please note that some hardware may be left over)*

### **Installation Procedures (2005-2015 Tacoma):**

Rock Sliders provide maximum strength and protection to your vehicle. The APEX Series Rock Sliders are a bolt-on application that requires some minimal drilling of the frame to mount properly. The Rock Sliders are made just a few inches shorter than the body line between the wheels.

First, prep the sliders by cleaning them thoroughly with paint thinner and sand off any surface rust. Apply a coat of primer, followed by a rust-inhibitive paint, like Rust-oleum. We also recommend cleaning the frame and re-painting if necessary to help prevent any rust under the mounting plates.

Next, you will need to insert a nut plate into the crossmember. This is easier to do prior to putting the slider on. You will need to twist the nut plate into the square hole with the flat part resting against the frame. Then, you can use the smaller hole to position it later when inserting the bolt once the sliders are in place (pictured below).



Now you can place the rock sliders on jack stands and align them with the holes from the L-Bracket Frame mount. There are CNC cut holes to make space for existing bolts and plugs on the frame from the factory.

When mounting Rock Sliders, there should be at least a  $\frac{1}{4}$ " gap between the leg and body. This prevents noise and vibration from being transmitted from the frame through to the body. Occasionally, due to inconsistencies between trucks, it may be necessary to use a grinder to remove a small amount of material on the pinch weld (pictured right) of the body directly above the legs if there is less than  $\frac{1}{4}$ " gap.



Next, drill a  $\frac{3}{8}$ " hole in the rear and insert a hex head bolt with flat washers and locknut. You will need to use a  $\frac{9}{16}$ " wrench/socket to tighten all the  $\frac{3}{8}$ " hex head bolts to 44 ft/lbs (pictured left).

You will use the remainder of the hex head bolts to hold the mounting plate of the slider to the frame in existing holes in the frame (pictured lower left). You can re-attach the cable bracket on the driver's side with the bolt just in front of the send leg back (pictured lower center). For the passenger's side, we've welded a stud for you to re-attach the bracket using a  $\frac{3}{8}$ " flat washer and locknut. For those frame holes that are too large for a standard washer, you will need to use one of the nut plates on the back side with a lock washer and two flat washers (pictured lower right).



Now you need to drill the 3/8" holes on the bottom of the frame that get 4 Counter Sunk Bolts with one flat washer and locknut (pictured right). Once all the bolts are in place, tighten down using a 5mm allen wrench.

You can remove the jack stands safely at this point and you are finished with one side of the slider installation. Simply follow the same steps for the other side of the vehicle and you're done!

Finished installation shown below:





## INSTALLATION PROCEDURES (2016+ TACOMA):

### MOUNTING TO FRAME USING NUT PLATES:

In order to mount the slider to the frame, existing through holes in the frame are utilized. Nut plates are used to attach the front two bolts to the side of the frame. To position nut plate, stick arm inside frame cutout and hold nut plate in place while threading the bolt through the slider mounting plate.

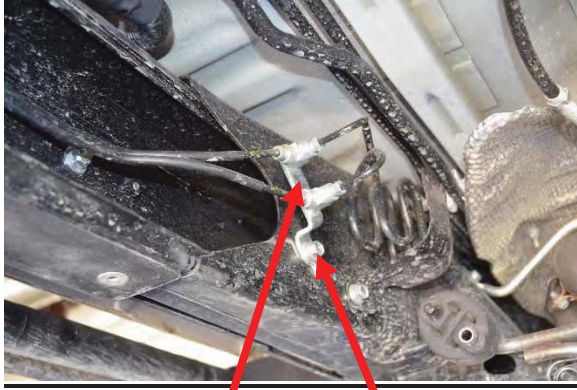


Frame Cutout

Front most bolt threaded through nut plate by holding plate in position via the frame cutout



For driver side, brake line bracket must be unbolted, and brake lines must be moved to the side in order to get an arm inside the frame cutout. After the two nut plates are in place and bolts tightened down, re-install brake line bracket to its original hole and position.



Brake Line Bracket Bolt to remove



Bracket and lines moved in order to allow installers arm to fit into frame cutout

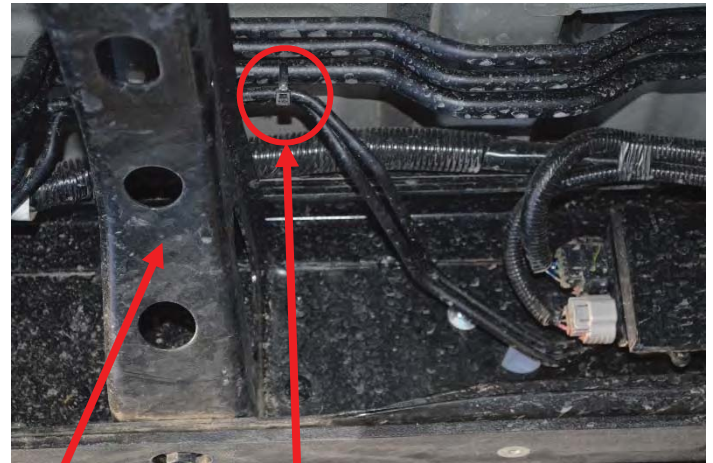
### **DRIVER SIDE BRAKE LINE MANAGEMENT:**

Some holes originally used to attach clips to the frame which hold the brake lines will now be used to mount sliders to the frame. Although brake lines will most likely not shift position due to their rigidity, it is recommended to zip tie them to other lines in front and behind the frame cross member to guarantee they will not shift.



← BED

Zip tie placement to the rear of the cross member.



CAB →

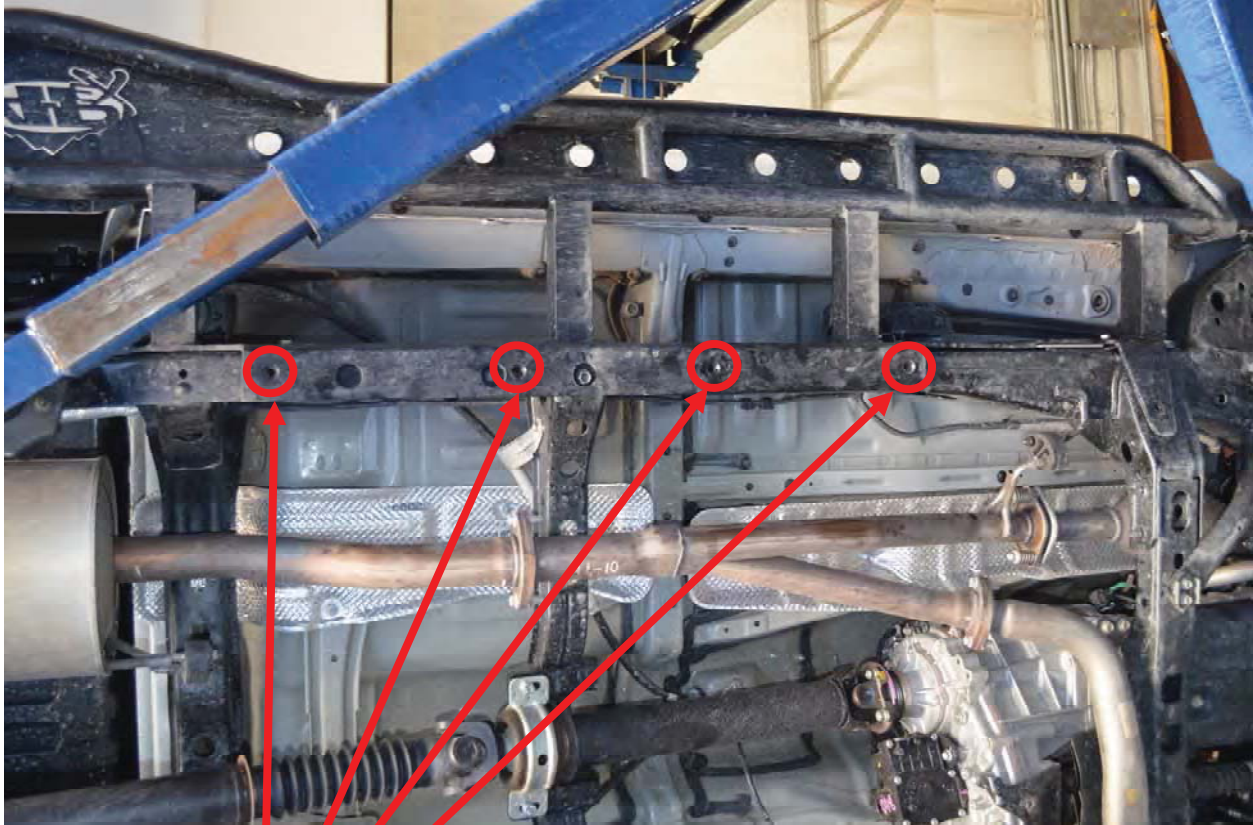
Frame Cross Member

Zip tie placement to the front of the cross member.



**DRILLING MOUNTING HOLES:**

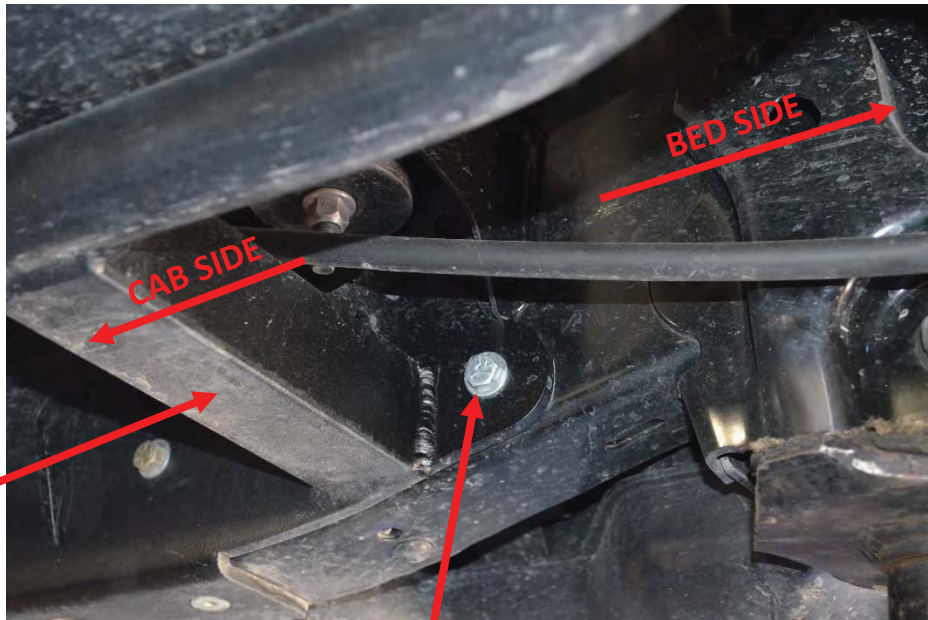
In order to install the sliders, five through holes need to be drilled on passenger and driver side of the frame to securely attach sliders to frame. To do this, attach sliders to the frame using side mounting holes. Make sure sliders are tightened and in the proper position before marking holes to be drilled into the bottom of the frame. After marking and center punching each hole location, use a 7/16" drill bit to drill out the clearance holes.



Use 7/16" drill bit at these four locations on the bottom of the frame on both driver and passenger side.



One more hole needs to be drilled in the side of the frame on both passenger and driver side in order to install sliders. This hole is for the most rear bolt holding the slider to the side of the frame. Use the same 7/16" drill bit in order to drill out the clearance hole for this bolt.

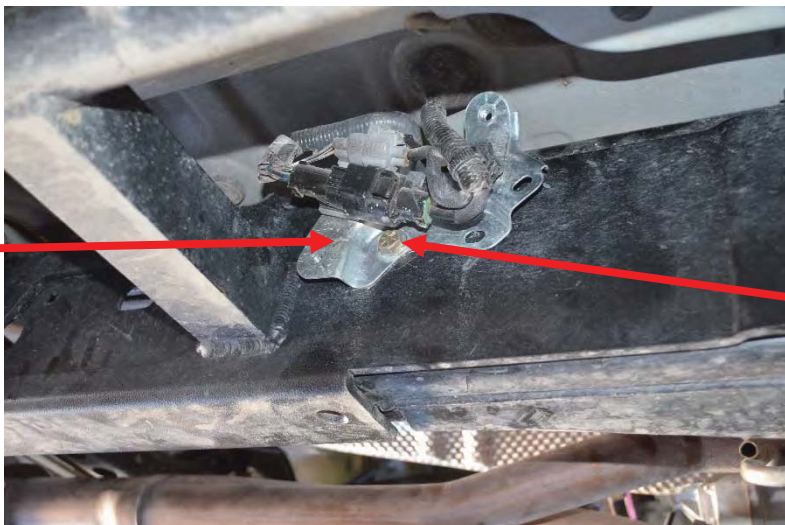


Rear most leg of slider

Bolt inserted in to hole drilled using  
7/16" bit.

### **Passenger Side Wire Connection Box:**

For the slider to fit properly, the wire connection box on the passenger side of the frame must be trimmed and clearanced, as well as moved over to avoid the slider leg. First, remove plastic cover from bracket holding the wire connectors. The bracket is connected to the frame using two bolts. In order for this bracket to fit with the new All-Pro sliders, the bracket must be slid over so the left bolt hole in the bracket aligns with the right hole in the frame; only one bolt will be used now.



Wire connector  
bracket, note here  
how left most bolt  
hole is used with right  
most hole in frame,  
only the left most  
hole in the bracket is  
used now with one  
bolt.

Bolt used to mount  
bracket to slider  
and frame.



Once the bracket is shifted toward the cab side of the vehicle, clearancing the plastic cover which bolts on top of bracket is required. This plastic cover must be clearanced in two places in order to fit properly. A grinder, box cutter, or small handsaw can be used to cut the plastic cover



Bottom left corner is trimmed away in order to fit around leg of slider.



Cut out on top of plastic cover must be trimmed opened more on right side.

