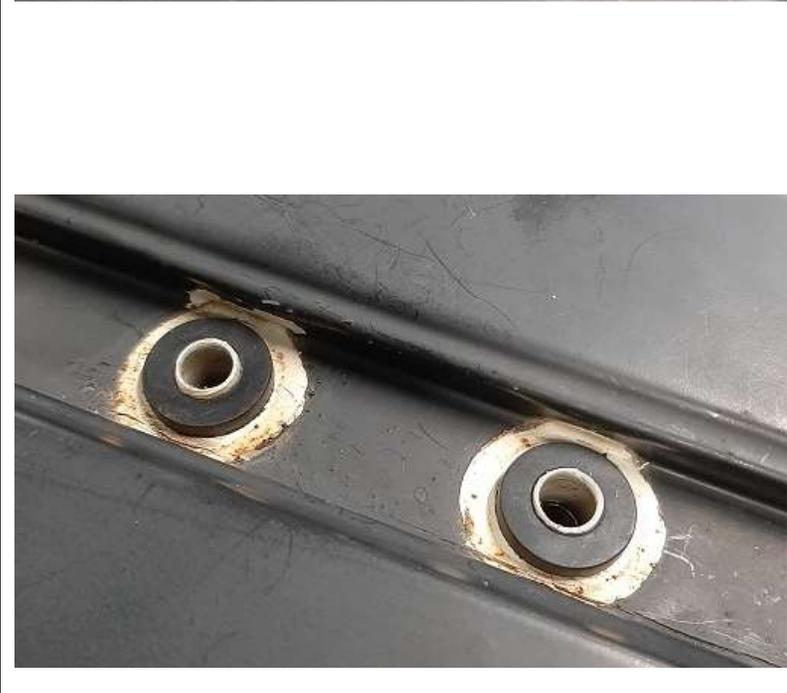


## Installation instructions for RM1 Roof-top Hi-Lift Jack Mount for Toyota FJ Cruiser

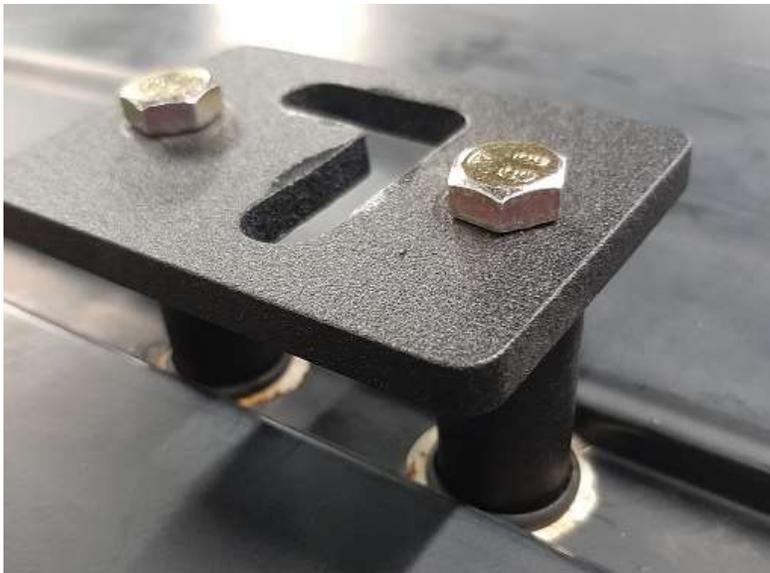
Please read these instructions entirely before starting.

This picture shows the components of the RM1. Parts will be referred to by the names & numbers shown here. If you are missing anything please email [RefinedCycle@gmail.com](mailto:RefinedCycle@gmail.com).

<b>RM1 Components</b>	
	<ul style="list-style-type: none"><li>1 - RM1 Bottom Plate (Qty. 2)</li><li>2 - RM1 Top Plate (Qty. 2)</li><li>3 - 1.5" Spacer (Qty. 4)</li><li>4 - .5" Spacer (Qty. 2)</li><li>5 - Rubber Washer (Qty. 4)</li><li>6 - Zinc Washer (Qty. 6)</li><li>7 - 3/8 Nut (Qty. 2)</li><li>8 - M8-1.25x60 Hex Bolt (Qty. 4)</li><li>9 - 3/8-16x2.25 S.S. Hex Bolt (Qty. 2)</li><li>10 - 3/8-16 Star Knob (Qty. 2)</li></ul>
	<p>Start by removing the gutter cover and any bolts and washers in the holes where you will install the jack mount. The mount will work in any position on the roof both sideways and across.</p> <p>Note: The nuts on the inside of these holes have a reputation for falling down and are a pain to get back from the inside of the ceiling liner, so when inserting bolts into these holes start turning the bolt right away so that you quickly catch the nut thread instead of just pushing it downward.</p>
	<p>Place a Rubber Washer on each hole.</p>



Place a 1.5" Spacer on the Rubber Washers.



It will be helpful to sit your jack on the roof, close to where you will mount it to decide what the best orientation for the plates will be to hit the holes in the jack best. The plate will work in any orientation; it's just a matter of preference and alignment with your jack.

Once you decide on orientation, place the RM1 Bottom Plate onto the 1.5" Spacers and secure with the M8 Bolts.



Place the RM1 Top Plate on top of the bottom plate with the slots in the same direction as the bottom.



Put a washer on the 3/8 Bolt.



Insert the 3/8 Bolt into the plates from underneath and hold it in position.



Place another Washer and .5" Spacer onto the Bolt and apply some thread-lock where the nut will go.

Note: If after installation your particular jack sits too close to the roof for comfort, you can always add a washer or 2 under this spacer to raise the jack a little.



Thread on a 3/8 Nut leaving it loose enough so that you can still slide the Bolt in the slot.

Orient the flats of the nut to be PERPENDICULAR to the direction that the jack will run.

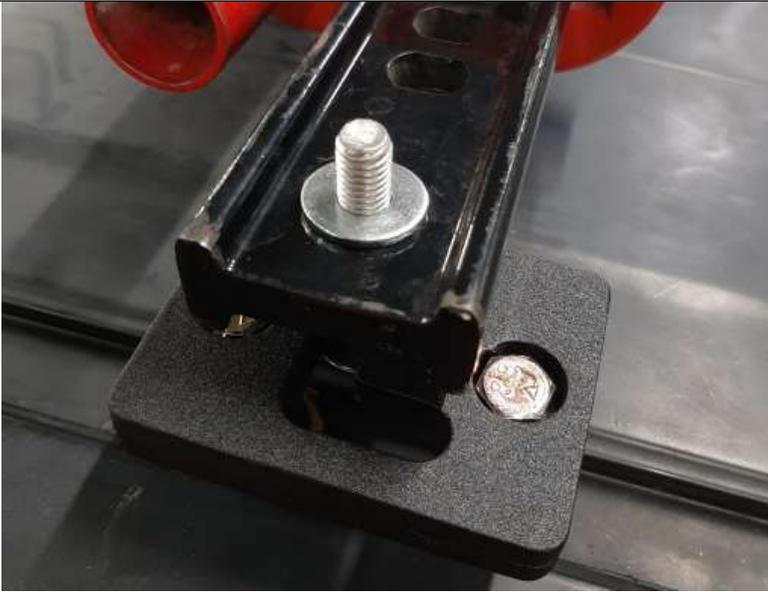
At this point install the other side in the same way except it will be a mirror image. For example, if the short leg of the "L" is on the outside of the vehicle and pointing toward the rear, then make the other side on the outside of the vehicle and pointing toward the rear also.



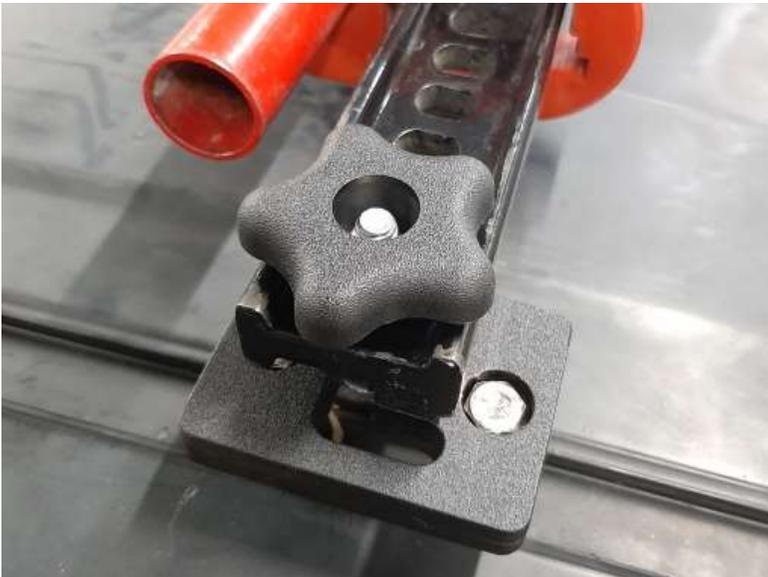
Now slide the 3/8 Bolts to align with the closest holes in both ends of the jack and place the jack onto the 3/8 Nuts. (Notice the flats of the holes should align with the flats of the Nut)



The jack will hold the Nut so that you can use a wrench on the 3/8 Bolt head and tighten. You may want to remove the jack and use wrenches on both to do a final tightening of the 3/8 Nut on the 3/8 Bolt.



Place a Washer onto the Bolt.



Thread a Knob on and tighten.

Note: The entire mount will sit at a slight angle due to the curvature of the roof. This is normal and not a problem.



The use of a locking knob such as Hi-Lift part# HM-LK is highly recommended to secure your Hi-Lift Jack.

Enjoy! And remember....Not all who wander are lost!