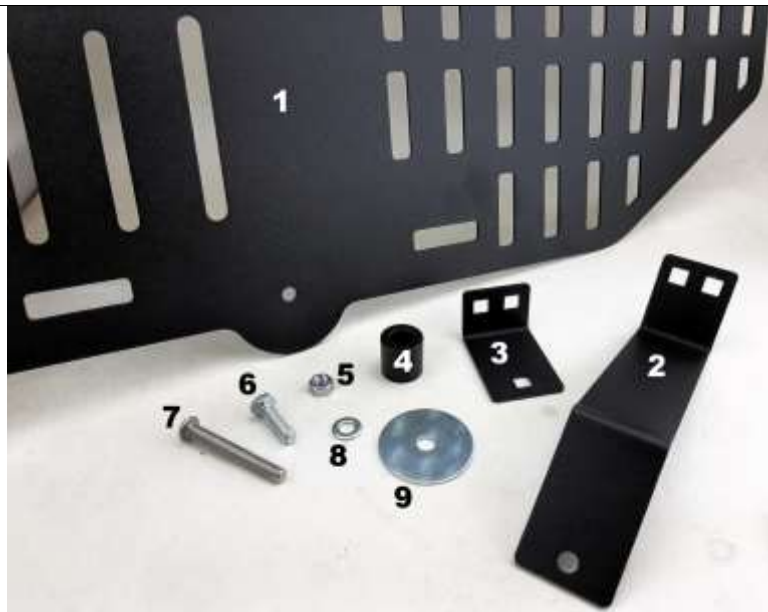


Installation Instructions for MR3/MR4 Cargo Area Multi-Panel for Toyota FJ Cruiser

It is highly recommended that you use a thread lock compound such as Loctite brand on all threads to keep them from vibrating loose.

Please read these instructions entirely before starting.

If you are missing anything please email RefinedCycle@gmail.com.



MR3 Components

1. MR3 Panel
2. Top Mount
3. Bottom Mount (Qty. 2)
4. 3/4" Spacer (Qty. 2)
5. M6 Nut (Qty. 8)
6. M6-1.0x20 Hex Bolt (Qty. 8)
7. M6-1.0x45 BHCS (Qty. 2)
8. M6 Washer (Qty. 18)
9. 1/4"x1.5" Washer (Qty. 2)

MR4 Components

1. MR4 Panel
2. Top Mount
3. N/A
4. 3/4" Spacer (Qty. 2)
5. M6 Nut (Qty. 2)
6. M6-1.0x20 Hex Bolt (Qty. 2)
7. M6-1.0x45 BHCS (Qty. 2)
8. M6 Washer (Qty. 6)
9. N/A



Place a Washer onto all of the M6 Hex Bolts.



This step applies to MR3 only:

If you are not comfortable drilling holes in the plastic wheel well cover you don't HAVE to use the Bottom Mounts, but it makes the Panel a lot more stable and it will keep it from rattling on the trails. And let's face it, you are going to do far more damage to your FJC than those 2 little holes!

(The rest of the instructions assume you ARE going to drill, but you can ignore those steps if not.)

Attach the Bottom Mounts to the FRONT of the MR3 Panel using the M6 Hex Bolts and secure with another Washer and M6 Nut on the back BUT only finger tighten at this point. Keep them loose enough that the mount is still able to move.



Attach the Top Mount to the BACK of the Panel using the M6 Hex Bolts and secure with another Washer and M6 Nut on the back BUT only finger tighten at this point. Keep them loose enough that the mount is still able to move.



Snap open the cargo area hanger hook to access the M6 screw and remove it.

Remove the OEM bag hangers.



Insert the supplied spacers into the bag hangers. (If they do not go in all the way flush, they will when you tighten things up.)

Place an M6 Washer onto both M6-1.0x45 BHCS.



Hold the rear bag hanger in place in it's original location.

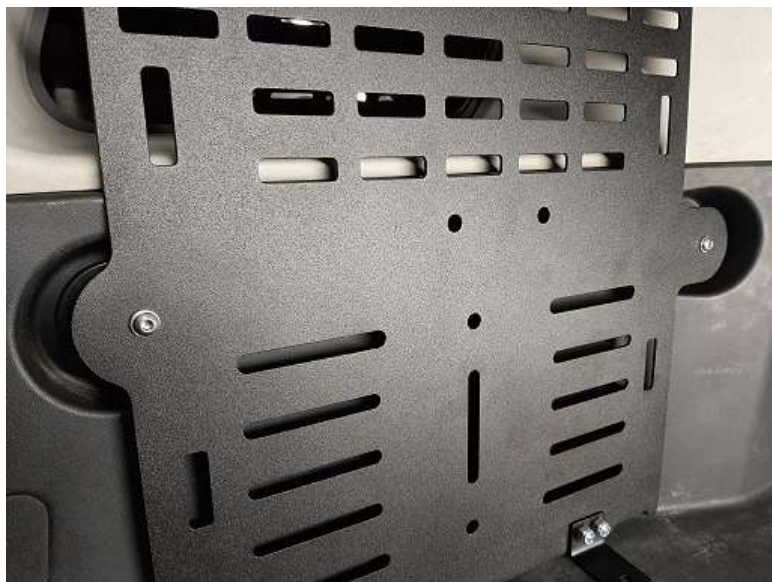




Slide the Panel over the bag hanger and line up the hole in the Panel with the center of the Spacer. Start the thread of an M6-1.0x45 BHCS in the hole a few turns.



Do the same as above on the forward hole, holding the bag hanger (with spacer) in place.



Now tighten the bolts just enough that the Spacers seat and the Panel rests where it will end up when complete.



This step applies to MR3 only:

Push the Bottom Mounts down flush to the surface of the plastic wheel well cover, then snug the bolts enough so the Mount can no longer move. Do this for both of them.

Note: A drill impact driver works well here to tighten without being able to get to the nuts on the back side if you have one available. Don't try to get them completely tight, the goal is only to tighten enough to keep them in place at this point.



This step applies to MR3 only:

With a Sharpie, mark the center of the holes of the Bottom Mounts on the plastic.



Using the bolt previously removed from the hanger hook, snug the top of the Top Mount against the ceiling.

Now snug the Hex Bolts on the Top Mount enough so the Mount can no longer move.

Again, you are not trying to tighten anything yet, just snug.

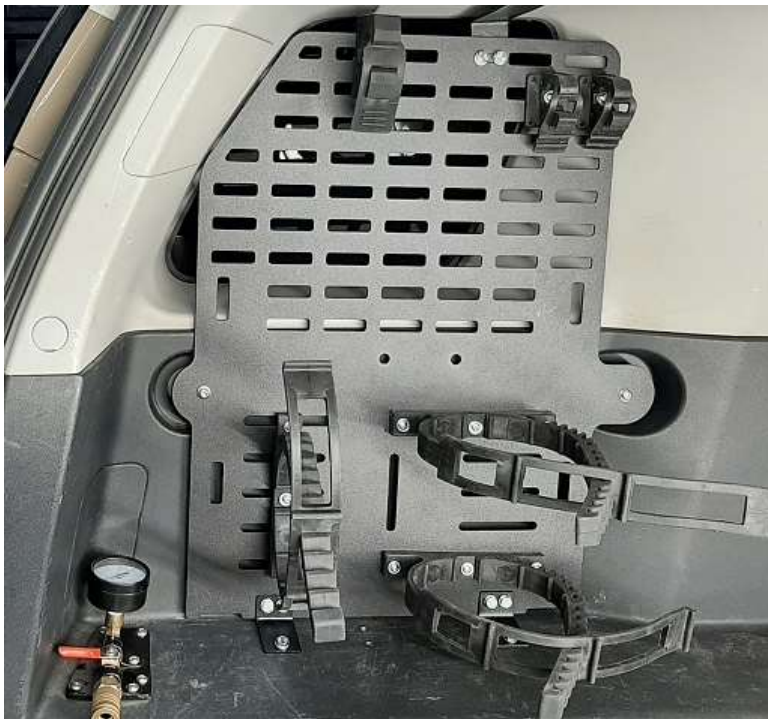


Remove the Panel completely so that you can access both sides and fully tighten all of the Hex Bolts.

While it's off, take some time to play around with the lay out of your Panel and decide what will go where. Install any Quickfist Mounts, Rotopax Mount, or Molle bags. Run Velcro Straps or Cinch Straps now. After you complete the layout, remove the items, just leave the holders, so that the Panel is easier to handle.

This step applies to MR3 only:

Also at this time, drill the 2 holes you marked for your Bottom Mounts in the plastic wheel well cover with a 1/4" drill bit.



Put your Panel back up and secure to the wall and the ceiling. If you are installing the MR4, you are done; skip to the last step.

Drop the last 2 Hex Bolts into the Bottom Mounts and through the holes you just drilled.



Open the access panel and secure the Bottom Mount Bolts first with a 1/4"x1.5" Washer, then an M6 Washer and an M6 Nut and tighten.

The trick here is to put your hand in and get a feel for where the Bolts are, then lay your hand out flat and stack the 3 pieces on your fingers, in the order they will go on, and get them all lined up with the Bolt at the same time, in one motion.



After everything is tight finish installing your accessories and make sure everything is secured well. We suggest using an extra Velcro strap around everything just to make sure nothing goes flying in an unforeseen circumstance.

If you are also installing our MR1 Overhead Molle Panel, install it's mount over the MR3/MR4 Top Mount.

Now hit the trails, knowing you are prepared, organized and safe!