INST: V4RSL-BL2-6G

Feedback?

1



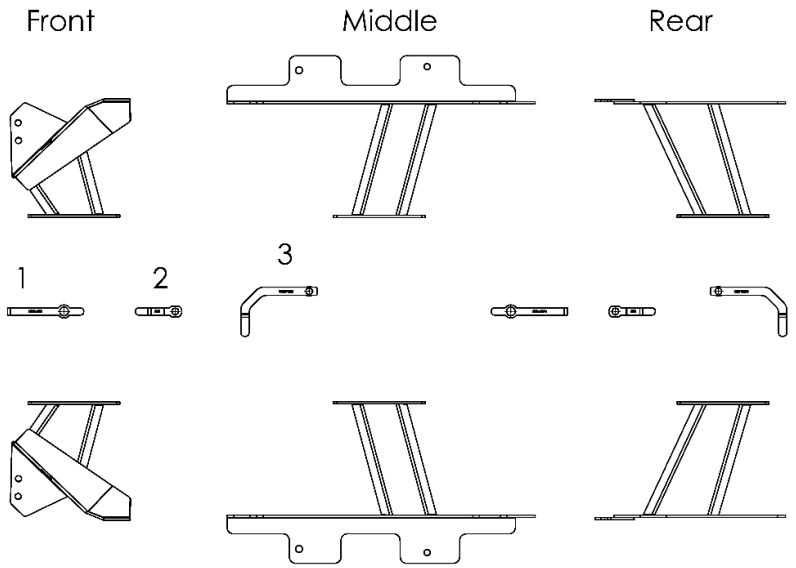
Included Hardware: M10 x 1.25mm x 30 mm (x18) | 1/2"-13 x 1" Thread Cutting Bolt (x6) | 5/16"-18 x 1" Hex Head Bolt (x2) | 1/4" USS Washer (x2) | 5/16"-18 Serr Flange Nut (x2) | 3/8"-16 x 1-1/2" Hex Head Bolt (x6) | 5/16" USS Washer (x6) | M8 x 1.25mm x 25 mm (x2) | 1/2"-13 x 1" Hex Head Bolt (x2) | 7/16" USS Washer (x6) | 1/2"-13 x 1-1/2" Hex Head Bolt (x2) | 1/2-13 Nut (x2)

2

Included Hardware: 1/2"-13 x 1" Hex Head Bolt (x24) | 7/16" USS Washer (x24) | 1/2"-13 Serr. Flange Nut (x24) | M6 x 1mm x 20mm (x10) | 1/4" washer (x10) | M6 x 1mm Clip Nut (x10) | 5/16"-18 x 1" (x28) | 5/16" Washer (x28) | 5/16"-18 Serr. Flange Nut (x16) | 5/16"-18 Clip Nut (x12)

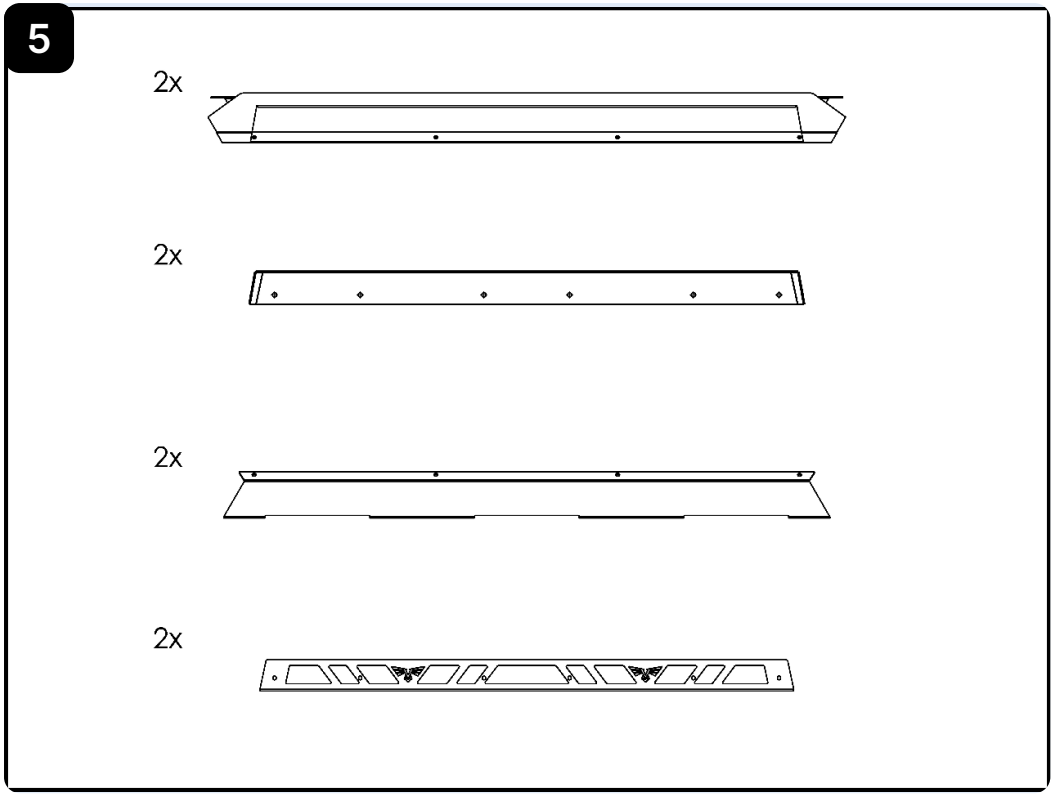
3 Included Hardware (only used on vehicles without factory threaded holes): 5/16"-18 x 1-1/2" Hex Head Bolt (x12) | 1/4" USS Washer (x12) | 5/16" Rivet Nut (x12) | Rivet Nut Tool (x1)

4



Included Part(s): Front, Mid and Rear Slider Legs | 1, 2 and 3 Nut strips

5



included Part(s): Slider boat, Step, Tread Plate and Skid Plate

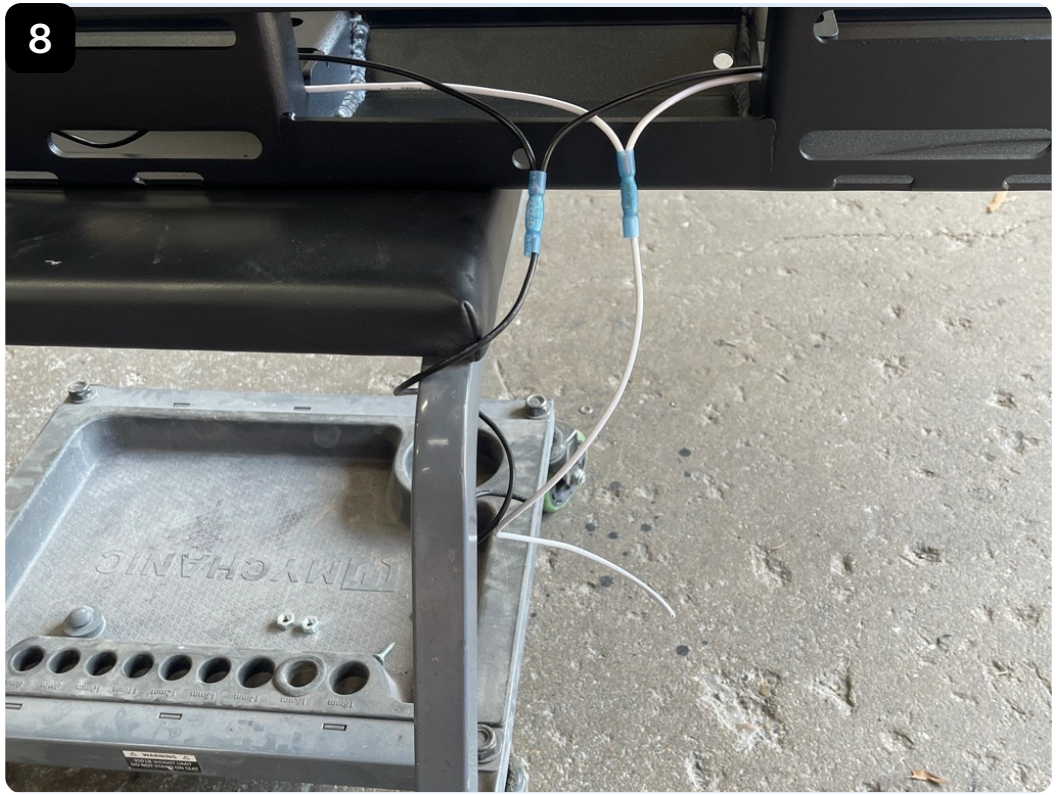
6 Notice: Many of the threaded holes in the frame of the vehicle may have painted threads. For this reason, it is helpful to tap the holes prior to the install. This requires an M10 x 1.25mm tap.

7



Begin by installing the rock lights on the inside of the ends of each slider using the 10-24 hardware and spacers.

8



Use 16 ga wire to tie the lights together. Extend a pig tail off of the wires where they meet. The pig tails should be stuck though the opening between the middle and rear mounting plates. The sliders are symmetric, so it can be decided which end is the rear and which end is the front at this point. 68" wire

9



The wiring should look something like the image shown. Cover each connector with heat shrink or electrical tape.

10



Bolt the skid plate onto the bottom of the slider using the 5/16" button heads and washers washers and flange nuts.

11



Remove the four plugs shown with a pry tool. T his will be the same on both sides.

12



Remove the plastic panel underneath the body mount. To do this, use something like a screw driver to push up and in on the two recessed tabs while pulling down on the panel.

13



Install the front mount using the M10 bolts from the bottom. Then mark the three remaining holes for drilling.

14 Remove front mount and drill each of the holes. The two rearmost holes need to be drilled to 27/64" to accept 1/2" self tapping bolts while the other hole needs to be drilled out to at least 9/16" to allow for a 1/2" bolt to pass freely through it.

15



Reinstall the front mount. U se 1/2" self tappers on rear holes, and 1/2" bolt and nylock nut in the front with a washer on each side. Reach through the hole below the body mount to tighten the through bolt.

16

Notice: Depending on the 4Runner, there may or may not be threaded bosses in the holes required to install the slider mounts. If your 4Runner did not come equipped with the threaded bosses, an extra bolt pack with 5/16" hardware and rivet nuts has been provided. The 5/16" bolts and 1/4" USS washers will be used in place of the M10 bolts in the following steps. Steps 16 - 17 the preparation process that must be completed before installing the mounts in this case.

17



The six holes circled in the image above will all need to be drilled out to 17/32" to accept the rivet nuts.

18



Install the 5/16" rivet nuts into each of the 6 holes previously drilled out using the tool provided.

19



Loosely install the middle mount using the M10 bolts (or 5/16" bolts and 1/4" USS washers) through the front holes while supporting the rear of the mount.

20



Slide the rear mount between the mid mount and the frame and loosely bolt it and the middle mount in through the shared holes as well as the rear holes. The front bolts of the rear mount should be passing through both the rear and middle mount.

21



Bolt the bottom of the rear mount in using a 5/16" bolt, washer and serrated flange nut.

22



Slide the provided spacer in place between the frame and middle mount.

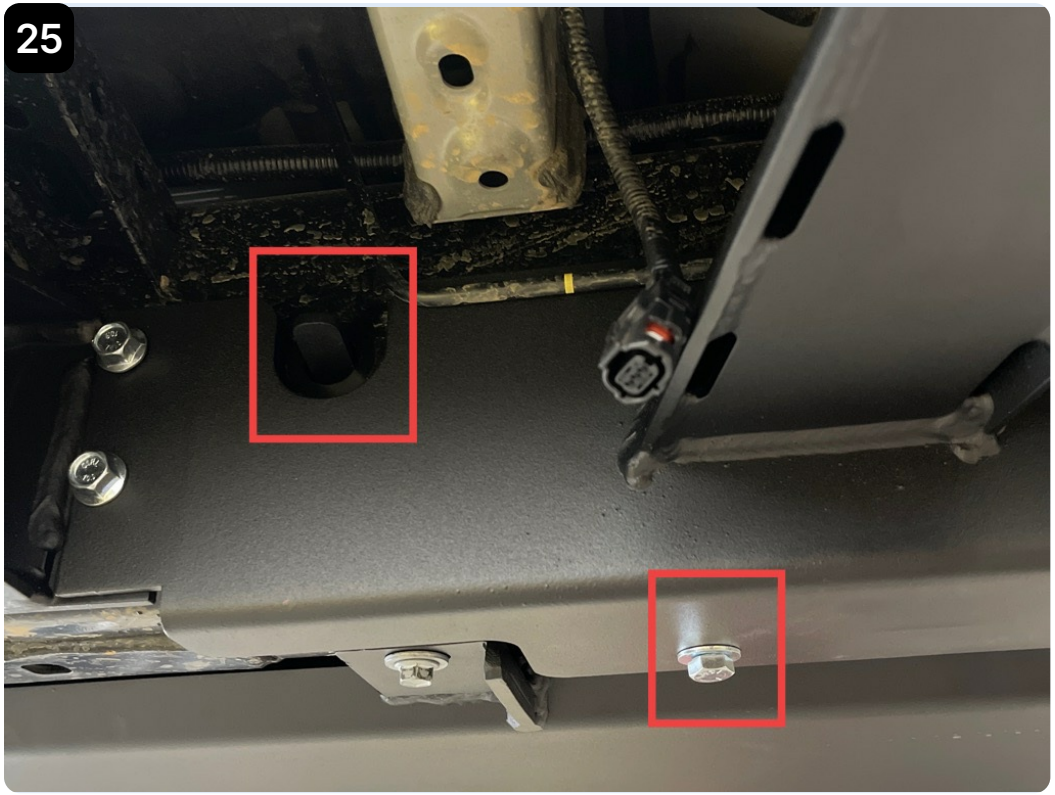
23 Notice: If installing with out transfer case skid, the mounting flange of the skid can sit below the mount so that the bottom of the mount is sandwiched between the skid and the frame.

24



Locate nut strip 3. Driver's side shown.

25



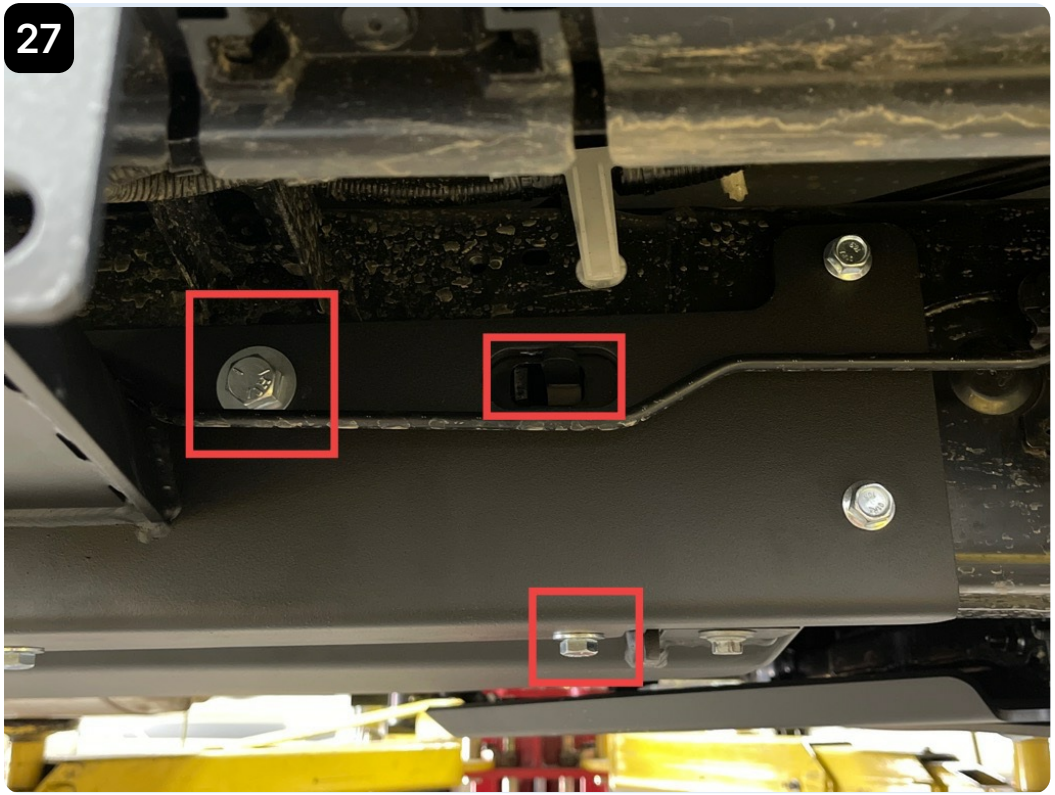
Install nut strip 3 using the 3/8" hex head and 5/16" USS washer as shown. Insert the nut strip through the hole in the side of the frame and rotate it to position the nut over the hole in the bottom.

26



Locate nut strips 1 (top Image) and 2 (bottom image). Driver's side shown.

27



Install nut strips 1 and 2 through front hole. Nut strip 1 installs though the side of the frame using a 1/2" bolt and 7/16" USS washer while the 2 installs through the bottom using the 3/8" bolt and 5/16" USS washer.

28



Install the slider onto the mounts using the 1/2" hex heads, 7/16" USS washer and flange nuts. It is best to do this with the mounts slightly loose.

29 With the slider boat loosely installed, adjust the position of it front to back as needed before tightening up all hardware.

30



Tape the wires down into the grooves so they can't get pinched when installing the steps.

31



Put all clip nuts onto the slider. The smaller M6 clip nuts go on the vertical flange while the larger 5/16" clip nuts go on the horizontal flanges.

32



Slide the step into the opening and adjust it until it is in place. Then, loosely install the M6 bolts and 1/4" washers into the top of the step.

33



Finally, install the tread plate on top of the step using the 5/16" bolts and washers.

34



Pop the plastic panel back in beneath the body mount and tighten all hardware to finish the install.