Instructions

Jeep JK M.A.S.S. Storage Platform

Thank you for purchasing the JK M.A.S.S. Platform from AAL! We greatly appreciate your trust in our company. We take that purchase and your commitment to us very seriously. If you have any questions along the way, please don't hesitate to give us a call at 385.202.4188.

Please read the instructions thoroughly before starting this project. To begin the installation, you must first remove the carpeted storage compartment cover, as we will not be reusing it.

Note: These instructions feature images from a JK 4door, but this platform will work on the 2door model as well, you'll just need to drill and install (2) additional nutcerts following the same process as follows! Specific early 2d instructions in Step 2.1b.

Tools Required:

There is more than one tool for every job, but below is the list of tools we use for this installation.

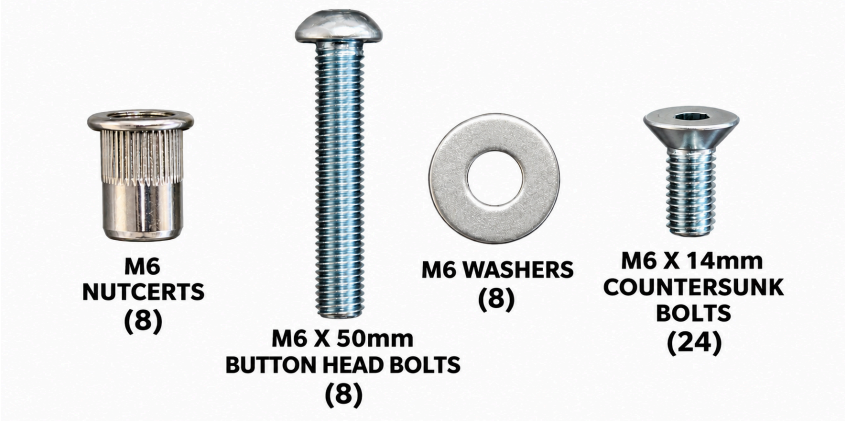
- ¼" or ⅜" Drive Ratchet
- 4mm Allen Socket
- T30 Torx Socket
- Center Punch
- 23/64" Drill Bit
- Drill
- Razor Knife or Box Cutter
- Medium Strength Threadlocker (Not Included)

Identify and Verify Hardware and Components Included:

Inside your box, you should have the following hardware and components :

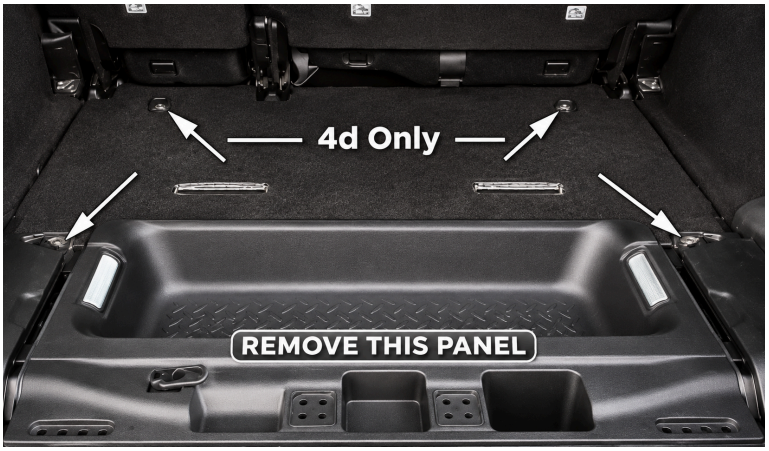
- (2) Main Panels (Left & Right)
- (4) Platform Rails (3 Lengths)
- (8) M6 Nutcerts
- (8) M6 x 50mm Button Head Bolts
- (8) M6 Washers
- (24) M6 x 14mm Countersunk Bolts

See image on right for bolt identification.



Step 1: Disassembly and Support Rail Identification

1. Once you have removed and discarded the carpeted storage compartment cover, you will also need to remove the plastic storage compartment tray. Also, using a T30 Torx socket, remove the (4) factory tie-down bolts. For the late model 2doors, there will only be (2) OEM tie-downs. Early 2d will have none.



See image to the right for identification.

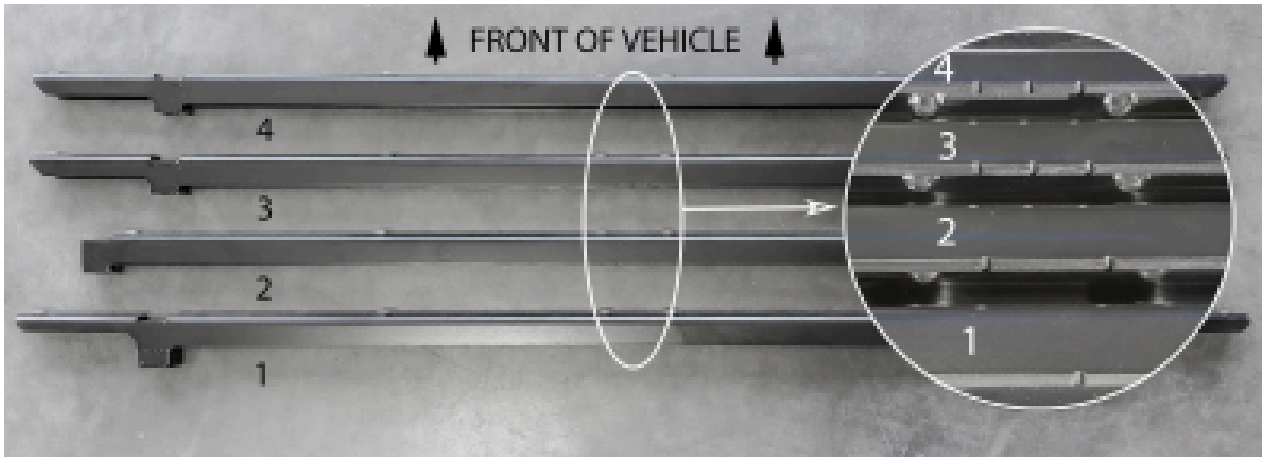
You can reuse the compartment tray if you would like, but it will need to be trimmed around the two rail mounting locations for Rail #1 (see below).

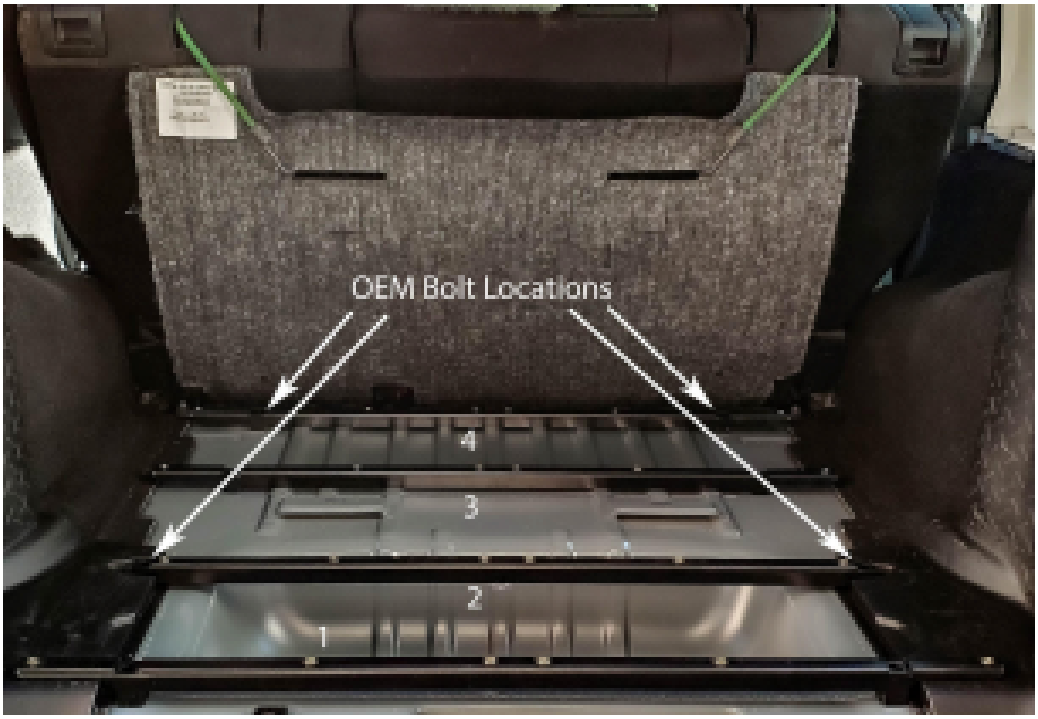
2. Identify the (4) steel platform rails. Secure the rear carpet up out of the way. The carpet can be trimmed around the platform or removed entirely. It should pull out in one piece easily (recommended over trimming).

3. *Skip to step 2.1b for early 2d JKs*. Next, lay the steel rails out according to the photo below. Rails #2 and #4 (Only #2 for 2door) will bolt into the OEM tie-down locations using the supplied M6 x 50mm bolts and M6 flat washers. Leave them “finger tight” until the end of the installation.

Subwoofer notes: If you have a floor sub installed you’ll either need to trim away the plastic portion where rail #2 mounts or space up the other 3 mounting rails to be level with rail #2. If you have the wall sub, Rail #1 will be shorter on the right side but the install process is the same.

There are (3) different rails that are identified by the notches that are cut into them. Rails #3 and #4 are the same. See the images below for identification.





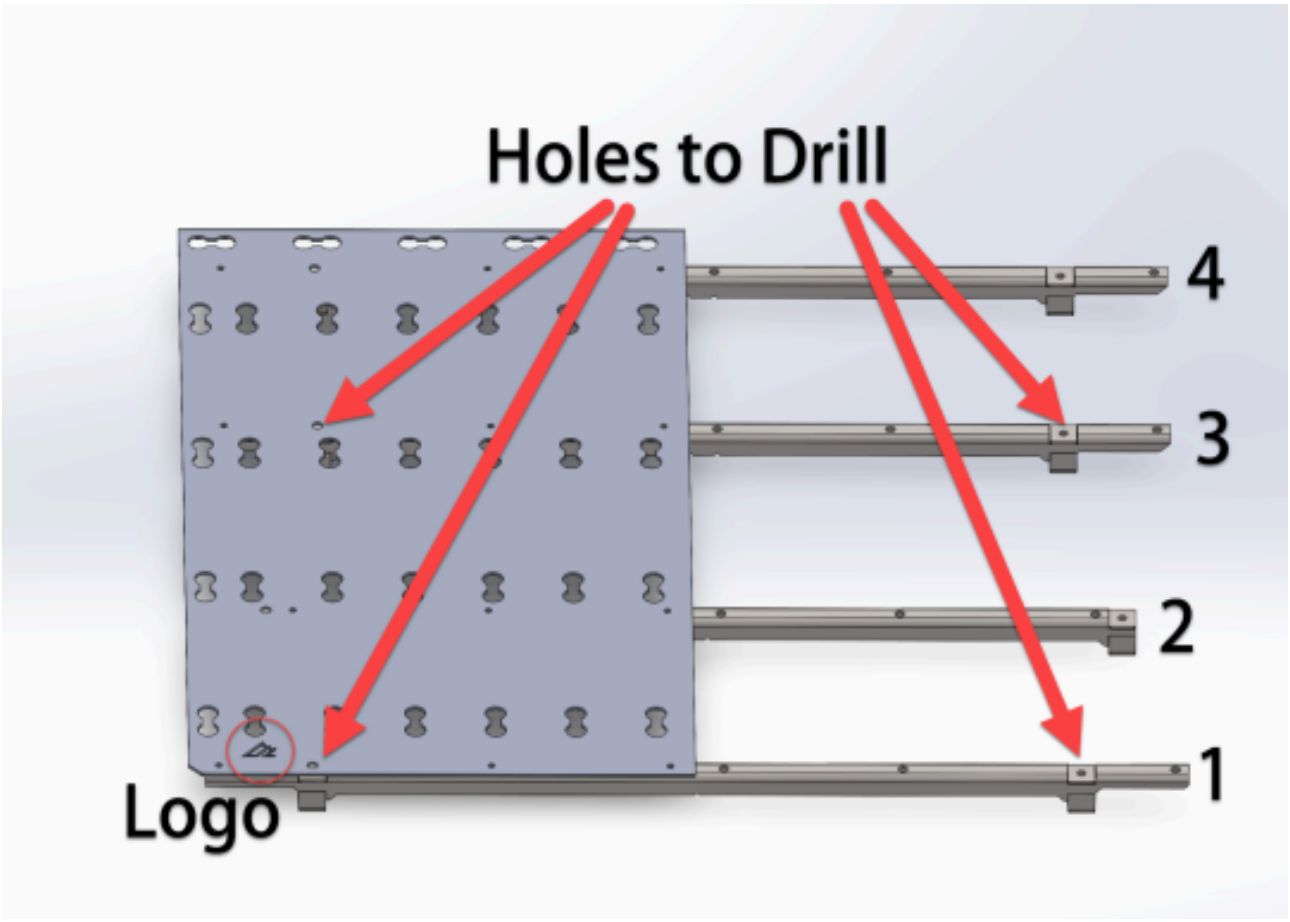
Step 2: Mark Holes for Rail Mounting

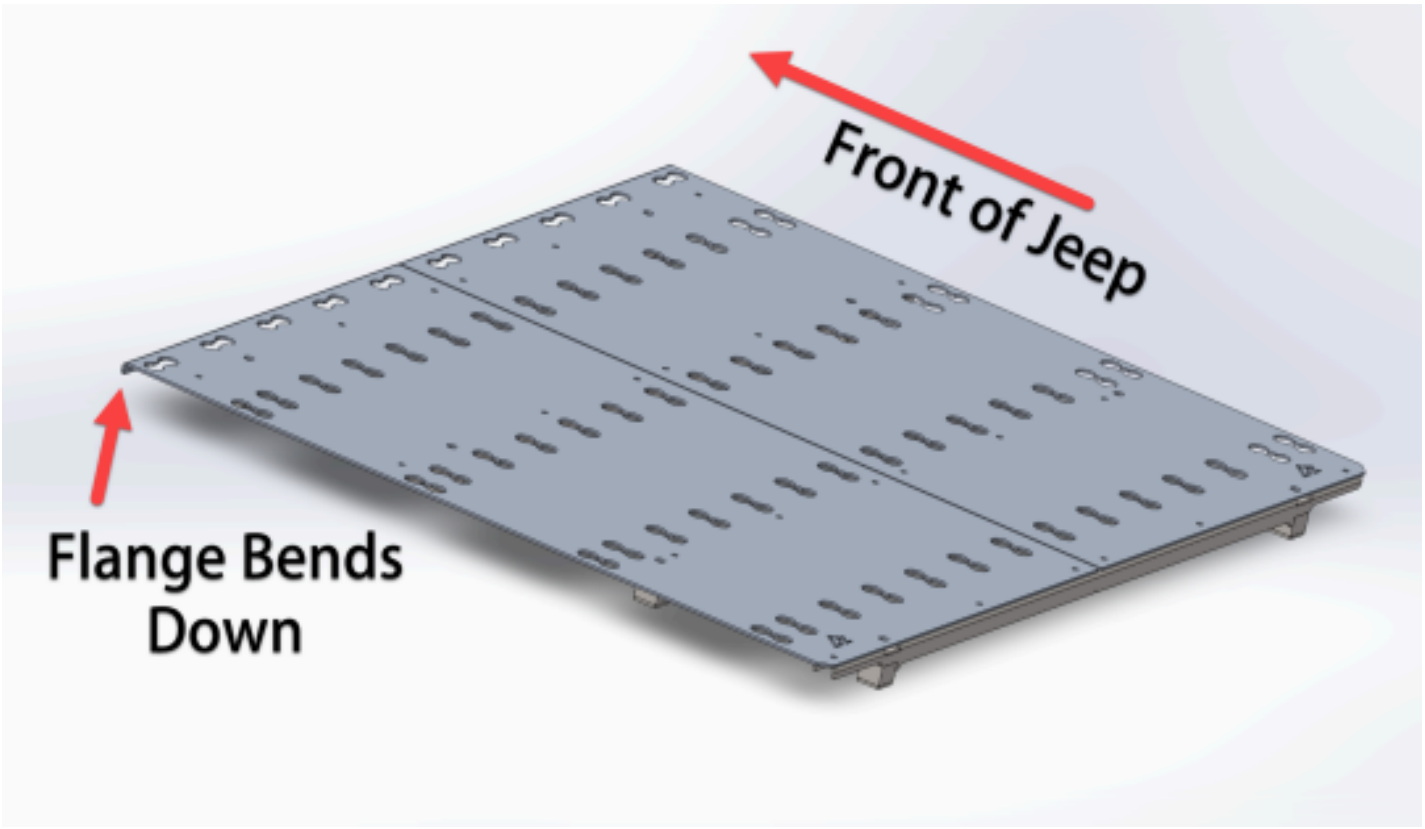
There are no OEM holes for rails #1 and #3 (#1-4 for early 2d, #1,3,4 for late 2d), so we will now need to mark, drill, and install the (4) supplied M6 nutcerts in the proper locations (6 for later 2d models, 8 for early 2d models). Follow the steps below to do so. Skip to 1b for early JK 2ds.

1a. The first thing you will need to do is situate all (4) rails according to the locations identified below. With rails #2 and #4 bolted into place (#2 only for 2d) , and rails #1 and #3 (Also #4 for late 2d) placed similarly to the photo on the last page, loosely bolt one of the platform panels to the rails using (12) of the supplied M6 x 14mm countersunk bolts and a 4mm allen socket. This will locate rails #1 and #3, and make sure all (4) rails are parallel.

Note the orientation of the platform panel in the photo below. The left side is shown installed first. The AAL logos need to go toward the outside of the Jeep. The edge flange on the front-most edge of each panel should be bent DOWN (see below).

1b. ***For early 2 door models:*** Attach both panels to rails first, then bring the assembly into the back of the Jeep. Square the assembly and center front/rear and left/right. Then mark and drill all (8) mounting locations and install nutcerts using the same process described below. Use images below for reference.


Holes to Drill
4
3
2
1
Logo


Front of Jeep
Flange Bends Down

2. Once you have the platform panel installed or located in the Jeep, you will need to mark the necessary rail mounting hole locations on the floor. We use a transfer punch to center punch the holes straight through the rails, but you could also use a marker to mark the center of the hole and then center punch and drill them after removing the rails in the next step.



Make sure to mark the holes as close to the centerpoint as possible.

Step 3: Drill and Install Nutcerts



1. After you have marked necessary holes, remove the platform panel and all (4) rails. If you haven't already center punched the mounting hole locations, you can go ahead and do that now.

2. The holes need to be drilled with a 23/64" drill bit, but we strongly recommend drilling a smaller pilot hole first, so that the drill bit stays centered.

3. Once all necessary holes have been drilled and deburred, insert and install the M6 nutcerts. *If you don't have a Nutcert tool, there are several videos out there on "at home" ways to install these.*

Step 4: Final Assembly

1. It is now time to install the rails using (8) M6 x 50mm bolts and (8) M8 washers. Install all (4) steel support rails with a 4mm allen socket. **Do not tighten these bolts just yet**, as the rails need to be free to move around to help with the platform panel installation.

   We highly recommend using a medium strength thread locker on the platform rail bolts. Be careful when starting bolts into the nutcerts, they should thread in by hand. Do not cross thread them, as you may end up breaking the hold of the nutcert.

2. Install the platform panels using the (24) M6 x 14mm countersunk bolts and a 4mm allen socket. Make sure to start all of the bolts before tightening any of them to allow the platform panels to square up to each other. **We also recommend medium strength thread locker on these bolts.**

3. Finally, you can go ahead and tighten all of the mounting hardware. Start with the countersunk bolts, making sure not to overtighten and strip the allen socket.

Step 5: Tighten Rail Mount Bolts



4. Lastly, tighten the (8) main rail mounting bolts. **The platform panels have access holes to allow you to tighten the mounting bolts after the panels are installed (see photo to the right).**

Step 6: Share Your Photos

We take great pride in building our products and we hope that pride extends to you after installing your platform. If you are able to share your photos online (Facebook and Instagram), please tag **@AmericanAdventureLab** in the photo. We would love to see how it turned out and give you some reciprocal attention in return.

Congrats! You're all done!

Thank you!

At American Adventure Lab, we strive to improve anywhere we can. If you experience any issues with this product or have any suggestions, please let us know.

If you have any questions or concerns, please don't hesitate to reach out to us at 385.202.4188 or via email at Support@erp.Adventurelab.com

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