



MOD BOX 18" (#10381)

Kit Contents:

<u>Item</u>	<u>Qty</u>	<u>Item</u>	<u>Qty</u>
MOD BOX	1	5/16" x 3" Button Head Screw Stainless	4
Square Clamp	2	5/16" Hex Nut	4
Backing Plate	2	5/16" SAE Washer	8
Standoff Box	2	5/16" Split-Ring Lock Washer	4

Installation:

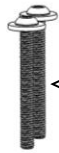
Installation should be fairly straightforward once you determine your desired placement. The MOD BOX may be installed in various positions and configurations on Warrior Products Platform Roof Rack, Bed Rack, or MOD Rack side rails. This kit will also attach to the square cross-bars of other Warrior Products racks and hitch baskets. This product may be installed universally on flat surfaces by drilling appropriate mounting holes (if necessary). With some creativity, hardware, and some metal plates that can be easily cut to size and drilled (such as Aluminum), you can attach these mounts to aftermarket roof racks with varying bar dimensions and spreads. This can be achieved by "sandwiching" bars between two plates, or by using a single plate and U-bolts placed at the correct spread and attaching the MOD BOX to the plate.

Please note that the 5/16" x 3" Stainless Steel Button Head Screws included in the kit will be longer than desired for many applications (**make sure that the hardware will not contact your roof when installed**). Before beginning the final installation, determine the hardware length desired for your application. You may cut the Stainless Steel Screw to length using a hacksaw, cutoff wheel, or equivalent. When cutting hardware to length, we suggest first threading a nut on the screw beyond the cut length so that you can re-shape the threads upon removal of the nut. Also make sure to sand or file any sharp edges after cutting and before removing the nut. Alternatively, you may choose to purchase new hardware of a desired length from a hardware store.

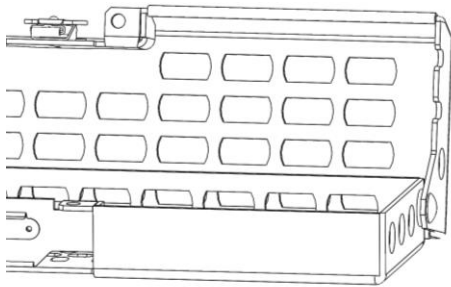
The components of the kit are shown in the image on the next page along with a brief description of the function of each part. Due to the variety of mounting options provided with this kit, you will likely have leftover components after your installation is complete. We suggest that you keep any unused components so that you may use them in the future if you choose to re-configure or relocate your mount.



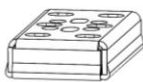
COMPONENTS



5/16" Mounting Hardware



MOD BOX



Standoff Box



Square Clamp



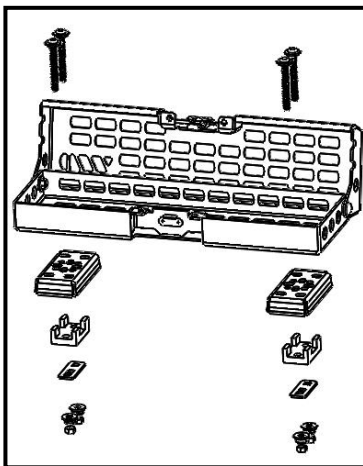
Backing Plate

5/16" HDW



APPLICATION NOTES

- Hardware may be used for all applications.
- Hardware may be placed in a variety of holes in the MOD BOX depending on application.
- Button Head Screws may be cut to length.
- **Make sure that the screw cannot contact roof surface if installed on a roof rack.**
- Purchase desired length hardware if preferred.
- MOLLE compatible Pattern in lid
- Universal slot pattern in base provide mounting versatility, as well as Warrior Rack compatibility.
- Lockable.
- Heavy duty Rotary Draw Latch closure.
- Rugged 1/8" thick steel construction.
- Adds mounting height to the MOD BOX if necessary to gain clearance for existing hardware (such as bolt heads).
- **MUST** be used when mounting the MOD BOX on a MOD rack rail to provide clearance for the Square Clamp.
- Use when mounting one end of the MOD BOX at a mounting bucket of a "WP" Platform rack to keep the box surface level.
- Use when mounting on a Warrior Products rack Square Crossbar.
- Use when mounting on a Warrior Products MOD rack rail to engage the cutouts.
- Always use the Backing Plate to reinforce the Square Clamp.
- The Backing Plate is used to reinforce the Plastic Square Clamp.
- The hardware will pass through the two outermost holes (the center hole will not be used).
- The Backing Plate should be placed next to the Square Clamp and then followed by the 5/16" flat washers, lock washers, and nuts.



Due to the range of MOD BOX applications, general installation information is given and can be used as a guide to help determine your installation plan. It is however at the discretion of the installer to choose the optimal configuration. Some additional components are included to specifically aid in installation on Warrior Products Racks and MOD rail systems. Some additional notes for these specific applications are given on following pages.



General Installation Information:

1. Plan to secure each MOD BOX with four (4) 5/16" or larger bolts or machine screws. Use washers and lock washers or equivalent (all holes and slots are sized so that you may use up to 3/8" hardware). A 3/8" Carriage Bolt will work in conjunction with the mounting slots if you determine that is a preferred attachment method for your application. 5/16" Stainless Steel Button Head screws are provided for use with Warrior Products specific mounts. You may also use this hardware for a universal application. The Stainless Steel Button Head screws may be cut to length, or you may use different hardware of a desired length if you choose.
2. Decide if you want to mount the MOD BOX flush to the surface, or if you want to use the Standoff Boxes to position the MOD BOX raised off of the mounting surface.
3. For Universal applications you should try to space the mounting points away from each other to help distribute the load of the box.
4. Confirm that you are happy with the position of the mounts and carefully mark where to drill your holes if applicable (open the box for better access to the mounting slots). Center punch, and drill your holes.
5. After holes are drilled, loosely start the mounting hardware by opening the lid and inserting Button Head Screws or bolts from the inside of the MOD BOX through the back panel and the mounting surface (and Standoff Box if applicable). Align the MOD BOX and tighten hardware evenly.
6. Periodically re-check mounting hardware.

MOD BOX Operation Instructions:

1. Open the MOD BOX by rotating the latch handle 180° to release the latch hook from the latch keeper. To secure the MOD BOX latch the hook in a similar, but opposite process.
2. Note that MOD BOX is designed with a stop that will prevent the box from opening over approximately 110°.
3. The MOD BOX can be locked by placing a padlock through the lock eyelets on either side of the latch.
4. For additional organization M.O.L.L.E. bags and accessories may be attached to the inside, or outside of the lid by using the M.O.L.L.E. compatible Pattern.

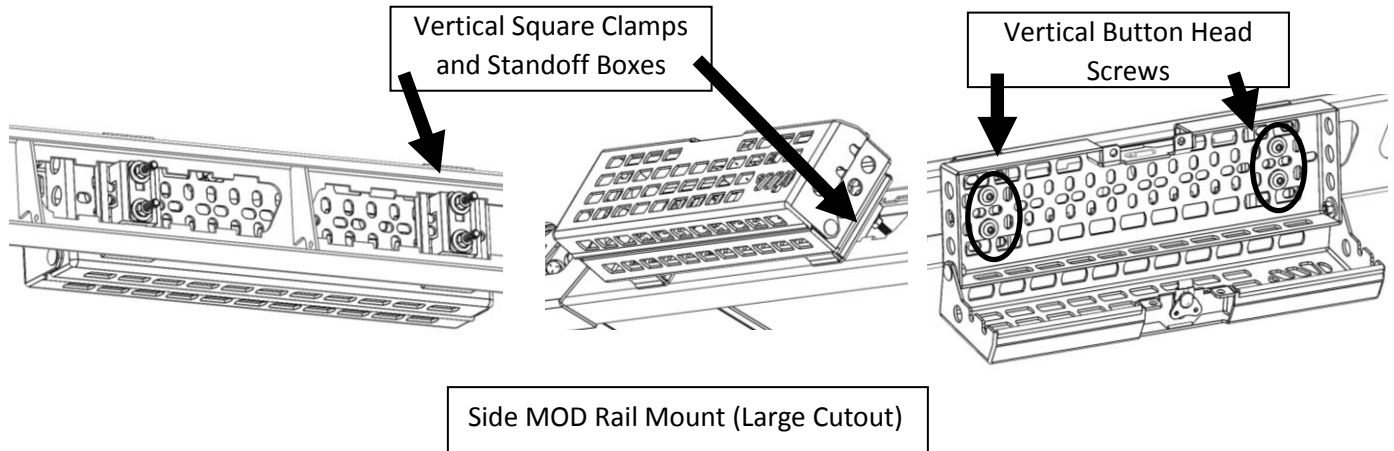


Warrior Products MOD rail (Large Cutout):

The MOD BOX is compatible with both MOD rail types. The side rails with large openings, and rear rails with smaller openings. The Standoff Box and Square Clamp must be used and oriented correctly.

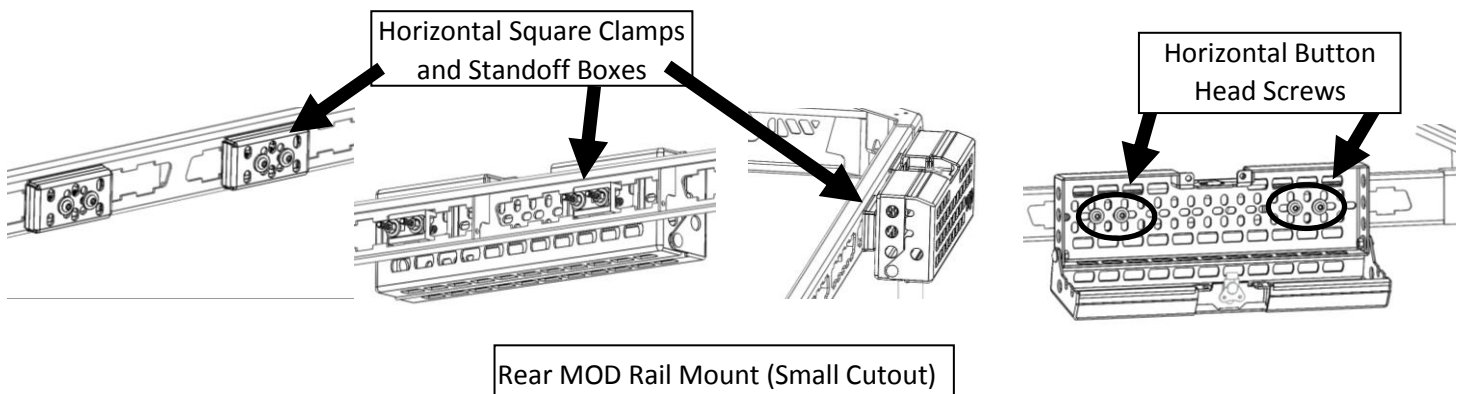
MOD rail (Large Cutout):

When positioned on a large opening rail, both the Square Clamp and Standoff Box should be vertical (with the longest sides going up and down). Position the Square Clamp with Backing Plate to fit over a set of teeth in the rail. The Button Head screws will be oriented vertically in this configuration.



MOD rail (Small Cutout):

The small MOD rail cutout requires that Square Clamp and Standoff Box be installed horizontally (longest sides going side-to-side) to correctly interface with the teeth in the rail cutouts. Similarly, position the Square Clamp with Backing Plate over a set of teeth in the rail cutout, and the Button Head screws will be oriented horizontally. Please note that installing accessories on the rear rail of the Jeep MOD rack may cause interference with hardtop removal.





Warrior Platform Rack (and all Warrior Racks with 1" square crossbars):

The plastic Square Clamps with Backing Plates are used for installation on the square cross-bars of your Warrior Rack. Slide the Square Clamp over the cross-bar as shown in the image to the right and use the Backing Plate to reinforce the Clamp. When tightening the hardware, alternate between fasteners to tighten evenly. Do not distort the Square Clamp by overtightening. The MOD BOX can be installed in either direction, i.e. In-line with the cross-bar or perpendicular to the cross-bar.

If you choose to mount one end of the MOD BOX over a Platform Mounting Bucket, use one of the Standoff Boxes inside the Platform Mounting Bucket. Mount the other end of the MOD BOX directly on top of the square bar (without a Standoff Box). When placing the Standoff Box in the bucket remove the short strips of rubber edge trim if necessary to provide enough clearance for the standoff box to fit into the Platform Mounting Bucket. See the illustration below

