



102L Overland Gear Box Mounting Brackets

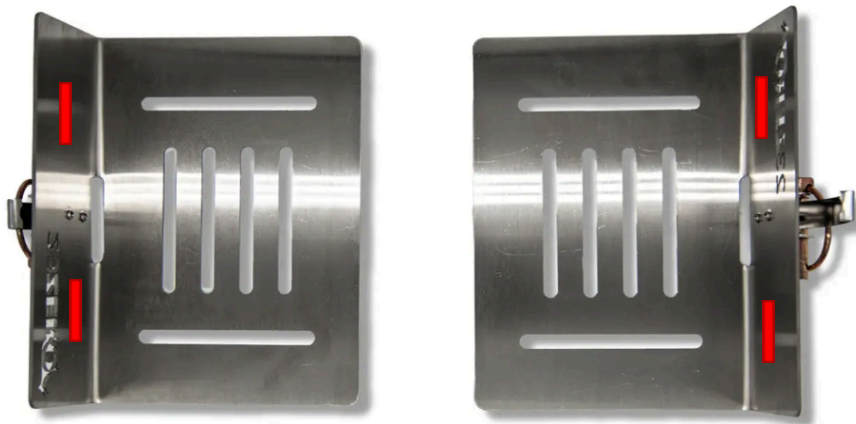
Required Hardware (Not Included)

- Stainless steel bolts, washers, and nuts (at least **two per bracket**).
- Additional bolts are optional.

The bolt heads should be large enough to securely hold the brackets to your roof or bed rack. Because rack designs vary, **exact bolts are not provided**. Select bolts that are just long enough to secure the brackets with minimal excess.

Preparing the Mounting Brackets

Before installing your mounting brackets, apply the provided black peel-and-stick foam on both sides of the rivets or machine screws on the bracket opposite the latch side. Cut the foam to size and apply it to the bracket. The image below is a rough depiction of where to place the foam padding, the padding is a buffer between the rivets or machine screws and your gearbox.



Important: Use Thread Lubricant During Installation

To avoid serious issues during installation, **be sure to apply a thread lubricant or anti-seize compound** to all bolts and hardware before tightening. This is a critical step to prevent thread galling and cold welding—issues that can occur when metal threads seize under pressure, especially with stainless steel or similar materials.

Failure to do so may result in hardware seizing during installation. In such cases, the bolt may need to be cut off and replacement hardware may be required at the installer's expense, subject to availability, which may not always be easy to find or replace.

Taking this simple step helps ensure a smooth, problem-free installation.

Installing the Mounting Brackets

Determine the Mounting Location

- Choose the spot on your roof or bed rack where you want to attach your gearbox.



Position the Brackets

- Place the **large bracket** under each end of the box. *(Do not install the T-bar or the security bar with three slots yet.)*
- Mark the **arrow positions** on your rack to indicate where the brackets will be installed.



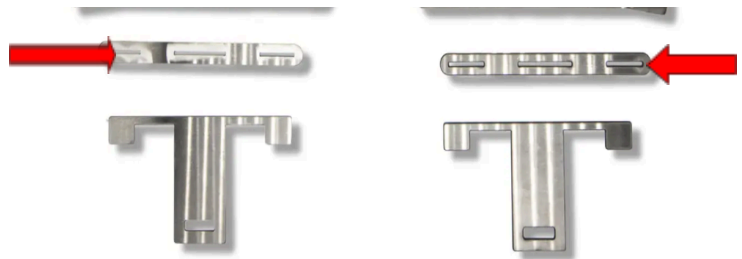
Attach the Brackets to the Rack

- Remove the box and install the brackets using your reference marks.
 - Some trial and error may be required to align the pre-cut bolt locations in the brackets with the corresponding slots, tracks, or holes in your rack.
 - If the holes do not align, you may need to choose a different location or drill new holes in the bracket as needed.
 - **Do not fully tighten the brackets yet.**
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Installing the Gear Box

Install the Security Plates

- Place the **security plates** into the wells on each end of the box.



Install the T-Bars

- Position the **T-bars** over the top of the security plates in the wells.

Test Fit the Box

- Latch the brackets to check positioning. Ensure the latches operate smoothly.
- If necessary, adjust the brackets to achieve an optimal fit.

Secure the Installation

- Remove the box, tighten the brackets securely, and replace the box.
- Double-check fitment and make final adjustments if needed.