

Tusk UTV Adventure Roof Rack KRX 4 1000 Part #2070140015



Thank you for purchasing the Tusk Rooftop UTV Cargo Rack. Please take note of the information and instructions below to get the most out of your Tusk Product.

**Attention:** Before you throw any packaging away, make sure you received all the necessary hardware

INSTALLATION INSTRUCTIONS AND INFORMATION

| Hardware                                             |      |                      |     |
|------------------------------------------------------|------|----------------------|-----|
| Rack To Roof Bolts M8x55MM Button Head Allen Bolts   | (8)  | Front Plate          | (1) |
| Center Support Bolts M8x45mm Button Head Allen Bolts | (8)  | Crossmember 1        | (1) |
| Roof To Rack Spacers 3/4" x 13/16"                   | (16) | Crossmember 2        | (1) |
| New Roof Spacers 3/4" x 1/4"                         | (2)  | Crossmember 3        | (1) |
| Assembly Bolts M8x20mm Button Head Bolts             | (30) | Crossmember 4        | (1) |
| Flange Nuts M8 Nyloc Nuts                            | (46) | Rear Crossmember     | (4) |
| Washers                                              | (46) | Back Plate           | (1) |
| Drill Bit 21/64"                                     | (1)  | Rear Right Side Rail | (1) |
| Front Right Side Rail                                | (1)  | Rear Left Side Rail  | (1) |
| Front Left Side Rail                                 | (1)  | Rack Cage Support    | (2) |
| Side Connector Plate                                 | (2)  |                      |     |

All Button Head bolts need one flat washer at the head of each bolt only. Leave all hardware loose until rack is fully assembled. This Tusk UTV Adventure Roof Rack is made to work with the Tusk UTV Profile Aluminum Roof, but will also work with most flat aluminum roofs.

Each rack piece will be installed from shortest to longest pay attention to the tapered ends, the taper will follow the roof line as the rack pieces are installed. Refer to this page for rack piece organization.

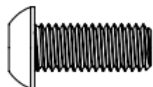
Take the time to organize the hardware, familiarize yourself with each rack piece and their intended locations on the roof.



Rack To Roof Bolts M8x55MM Button Head Allen Bolts (8)



Center Support Bolts M8x40mm Button Head Allen Bolts (8)



Assembly Bolts M8x20mm Button Head Bolts (30)



Flange Nuts M8 Nyloc Nuts (46)



Washers (46)



Roof To Rack Spacers .319" x 3/4" x 13/16" (16)

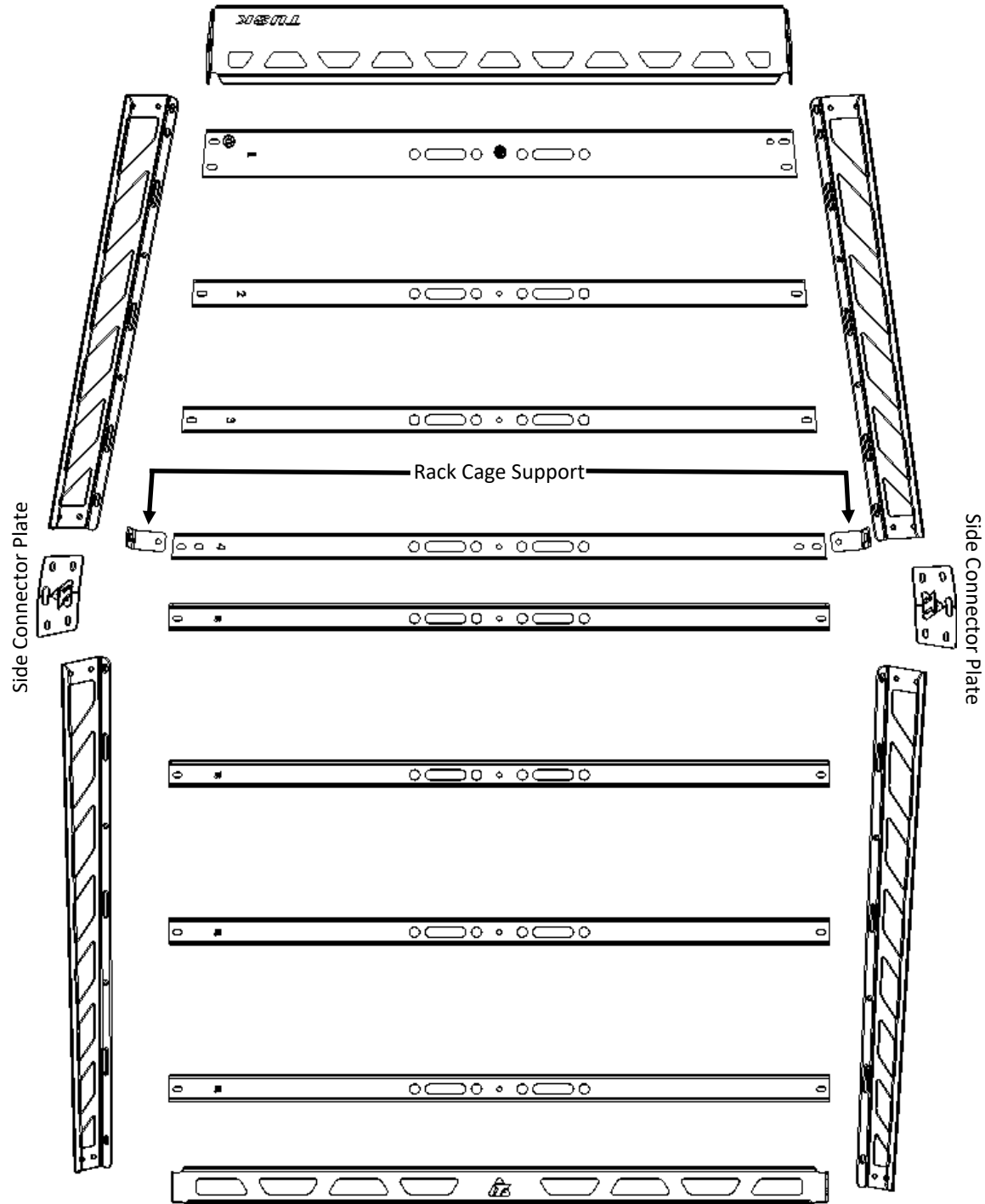


New Roof Spacers .319" x 3/4" x 1/4" (2)



Drill Bit 21/64" (1)

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\*Instructions are shown with the Tusk UTV Profile Aluminum Roof that has been previously installed on the machine.

**Note:** Each crossmember has a taper that follows the roof shape, install the crossmember with the number towards the driver side to ensure it is oriented correctly.

Begin by removing all six roof mounting bolts shown **(Fig.1)**. Remove the original front two spacers found under the roof. The rear 4 spacers will be reused. All hardware will be replaced

Use the provided **21/64"** drill bit to enlarge the front two mounting holes **(Fig.2)**, also drill mounting locations on the machine to accommodate the new larger hardware for the rack **(Fig.3)**.

Clean any burs left over from the drilling process in preparation for the installation of the new rack components.

**Note:** Leave all hardware loose until end of installation.

Install Crossmember #1. Locate the two slotted holes on the front of the crossmember, these will be installed closest to the front of the vehicle.

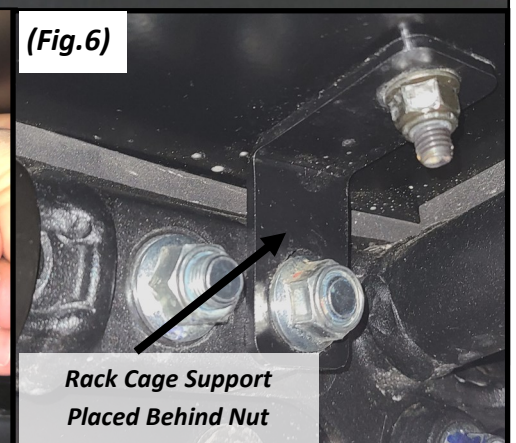
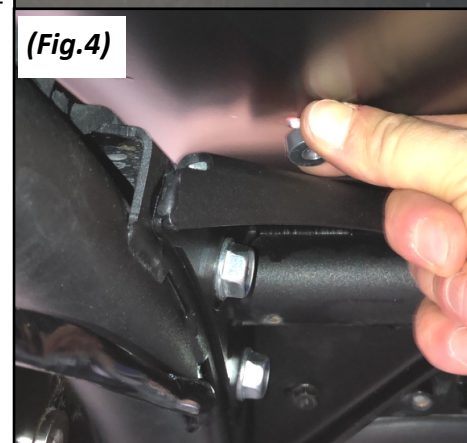
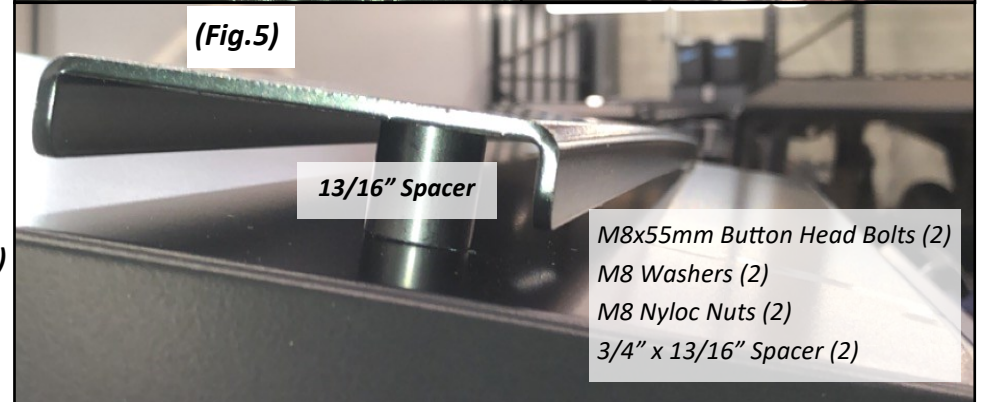
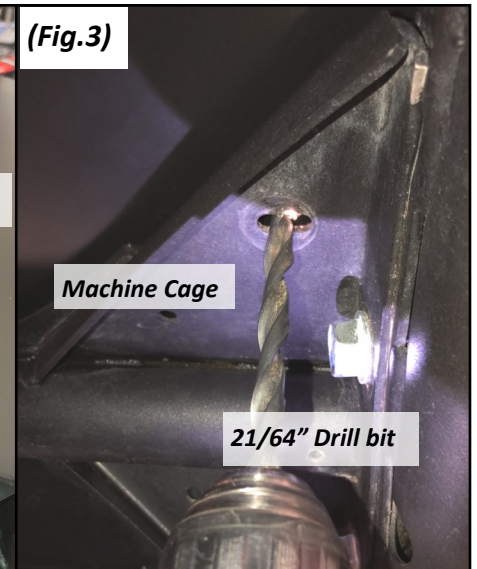
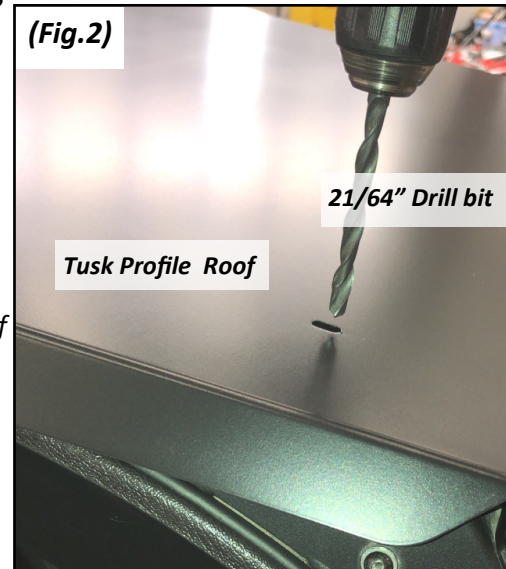
Install the new 1/4" spacer (Silver) under the roof, above the roll cage gusset **(Fig.4)**. The longer 13/16" spacer (Black) goes between the roof and crossmember as shown in **(Fig.5)**.

Use the provided hardware listed in **(Fig.5)** to continue install of the front crossmember to the roof.

Crossmember 4 can be installed by removing the rear frame nut above the front seats. The rack cage supports can be installed over the bolt threads and secured with the original nut. **(Fig. 6)**

Using the rack cage supports as a guide drill from the bottom through the roof panel.

Use the same hardware as listed in **(Fig.5)** to continue installing crossmember 4 to the roof.



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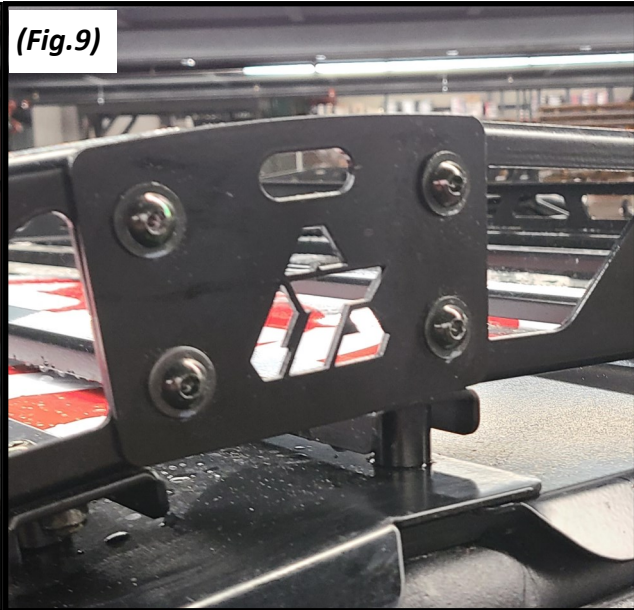
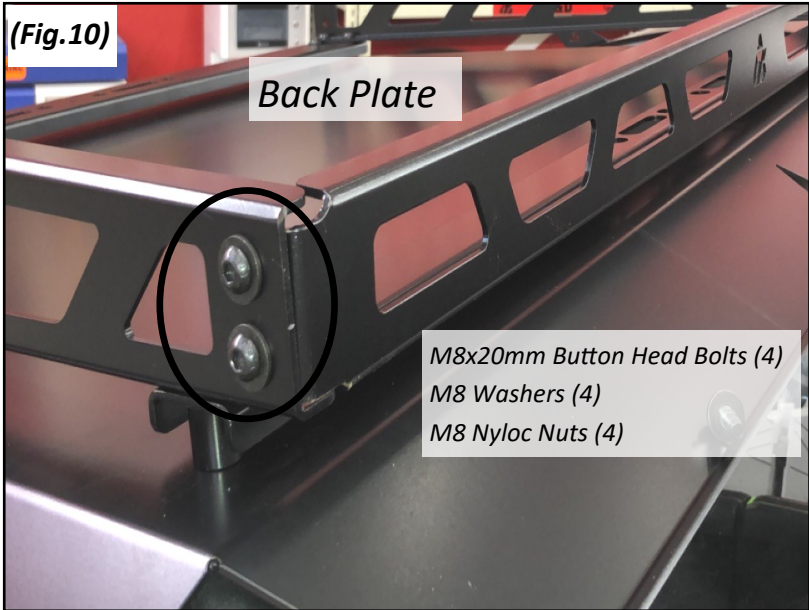
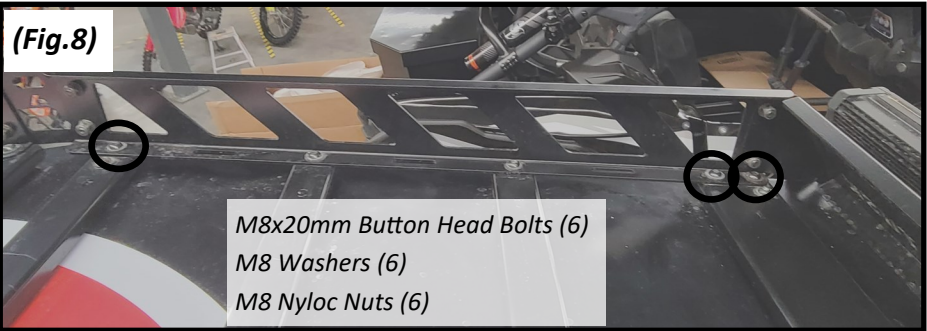
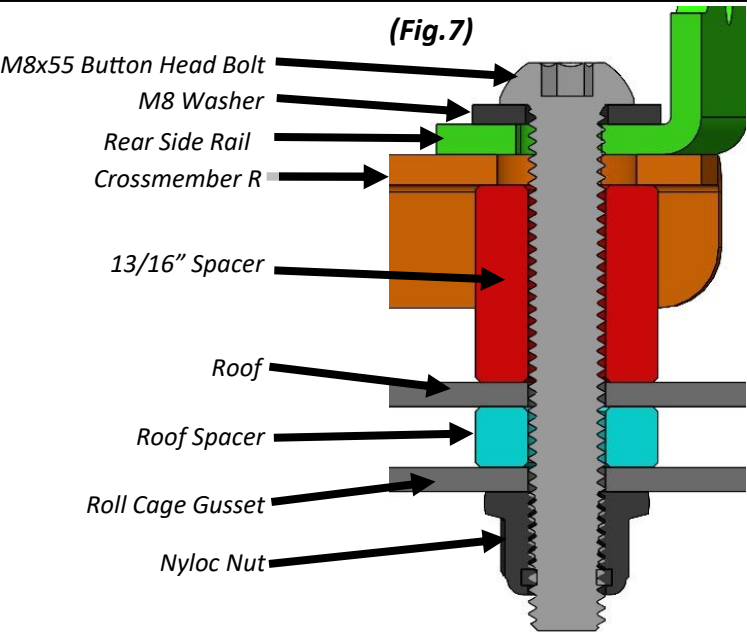
Start to install the rear crossmembers by setting two “crossmember R” pieces over the middle and rear original roof bolt locations. The “R” should be on the driver side.

Install rear side rail and crossmember R with the hardware pictured in (Fig.7) Ensure that the taller portion of the side rail is towards the front of the machine. Repeat for each corner of the rear section of roof rack.

The front side rails can now be installed to crossmember 1 and 4. (Fig.8)

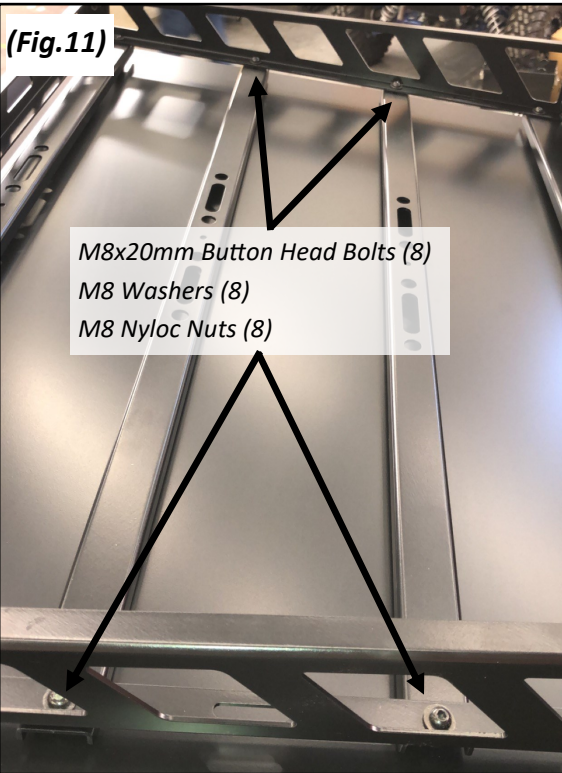
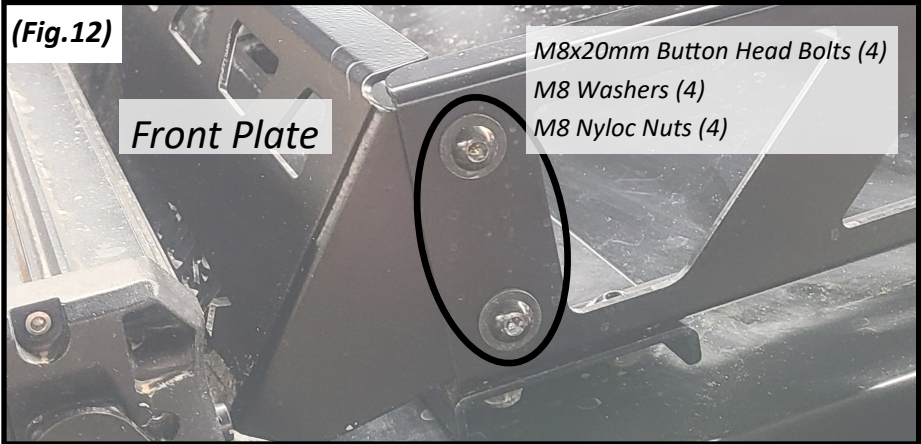
The side connector plate is installed to connect the front side rail to the rear side rail on each side. Install with tie down point on the top. (Fig.9)

Next, locate and install the back plate using hardware listed in (Fig.10). Ensure the “T” in the Tusk logo is upright.



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Next, install the remaining four crossmembers. These crossmembers are attached to the base of the side rails into the round holes between the slotted holes. See page 2 for crossmember locations. Use hardware listed in **(Fig.11)**. Remember to install with number on the driver side. Locate and install the front plate to each front side rails using hardware listed in **(Fig.12)**. The Front Plate installs against the inner face of each side rail.



Tighten installed hardware starting with the eight roof mounting bolts, then tighten remaining hardware moving from front to rear along the rack. Take your time to align the roof and rack as you go. Once you are satisfied with the fit, double check that everything installed is tight.

The next step is optional but will provide strength for supporting heavier loads in your roof rack. Use the provided (21/64") drill bit to drill through the roof at the center hole of each crossmember. **(see Fig.13)** Use the crossmembers as a drilling guide **(see Fig.14)**. Slip each one of the remaining 13/16" spacers under the center of each crossmember. Use the hardware listed in **(Fig.15)** to secure the center supports to the roof. **Periodically check hardware for tightness.**

**Enjoy the use of your new Tusk Adventure Roof Rack!**

