

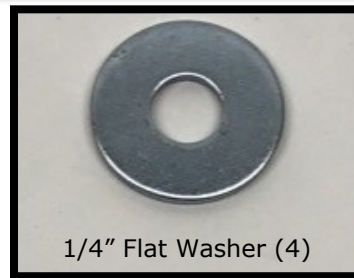
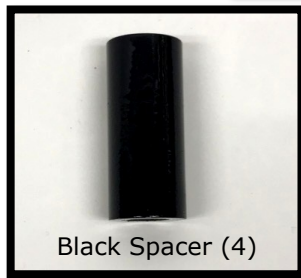
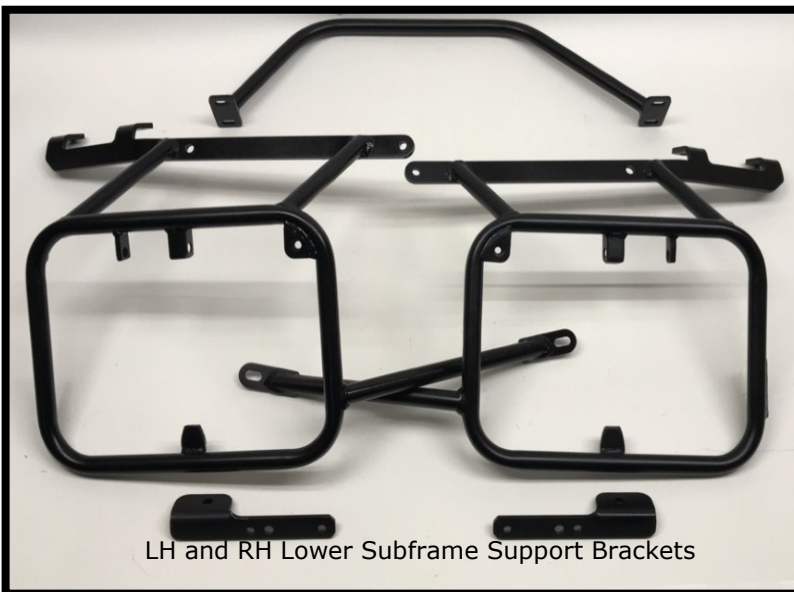


## Yamaha Tenere 700 Pannier Rack/Top Rack

Congratulations on purchasing the Tusk Pannier Rack/Top Rack for your Yamaha Tenere 700. This product was designed and built to meet your extreme adventure riding needs. \*Please review and understand the instructions fully before proceeding. If you do not feel confident in performing the outlined steps or lack the appropriate tools, have a qualified mechanic perform the install.

### Kit Contents:

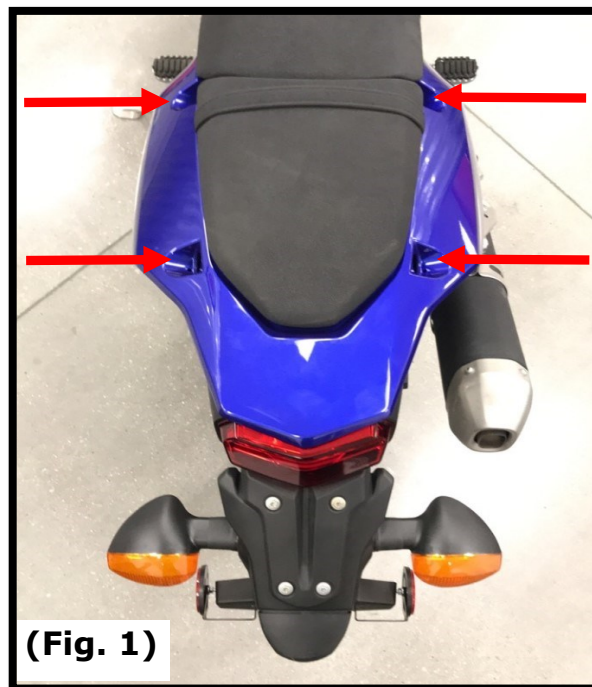
LH Pannier Hoop	(1)
RH Pannier Hoop	(1)
Pannier Rack Support Tube	(1)
RH Lower Subframe Support bracket	(1)
LH Lower Subframe Support Bracket	(1)
M8x75mm Allen Head Bolt	(4)
M8x20mm Flanged Bolt Head	(2)
M8 Nyloc Nut	(2)
M6 Nyloc Nut	(8)
M6x20mm Tapered Allen bolt	(4)
M6x20mm 10mm Flange Head	(4)
1/4" Flat Washer	(4)
3/8" Flat Washer	(8)
Black Spacers	(4)



# Yamaha Tenere 700 Pannier Rack/Top Rack

## Pannier Rack Installation

1. Remove the (4) OEM seat bolts (**Fig. 1**). The (4) OEM seat bolts and rear bolts will not be re-used for the remainder of the install.
2. Remove the (2) OEM Allen Bolts holding the rear foot-peg mounting bracket under the side plates as shown in (**Fig.2**). Set these aside for reinstall.
3. Locate the provided lower subframe support bracket. Sandwich the new lower subframe support bracket between the OEM rear foot-peg mounting bracket and the subframe. *Note: The mounting hole and 90 degree bend on the provided lower subframe support bracket needs to face the rear of the machine.* Reinstall the (2) OEM Allen bolts through both the OEM rear foot-peg mounting bracket and the new subframe support bracket as shown in (**Fig.3**). Fully tighten these bolts and repeat this step on opposite side.
3. Next, locate the following pannier rack mounting hardware. (4) M8 x 60mm Allen Head bolts, (4) M8 Washers, and (4) black spacers.
4. Place (1) black spacer in each upper pannier rack mounting locations as shown in (**Fig.4**).
5. Start with the RH Pannier rack. Place the RH pannier rack into mounting position by lining up the upper mounting holes. Careful not to scratch the plastics during this step. The holes on the pannier rack need to line up with the black spacers, and existing threaded holes on the machine as shown in (**Fig.5**). Locate (2) M8 x 75mm Allen head bolts and (2) M8 washers. Loosely install this hardware on the upper mounting hole locations as shown in (**Fig. 6**), leave these loose for now. Repeat this step on opposite side.



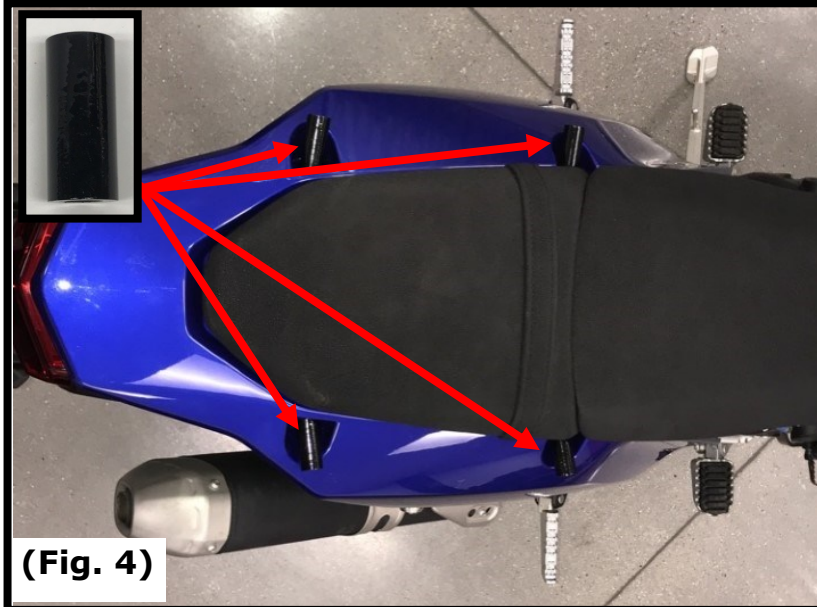
(Fig. 1)



(Fig. 2)



(Fig. 3)



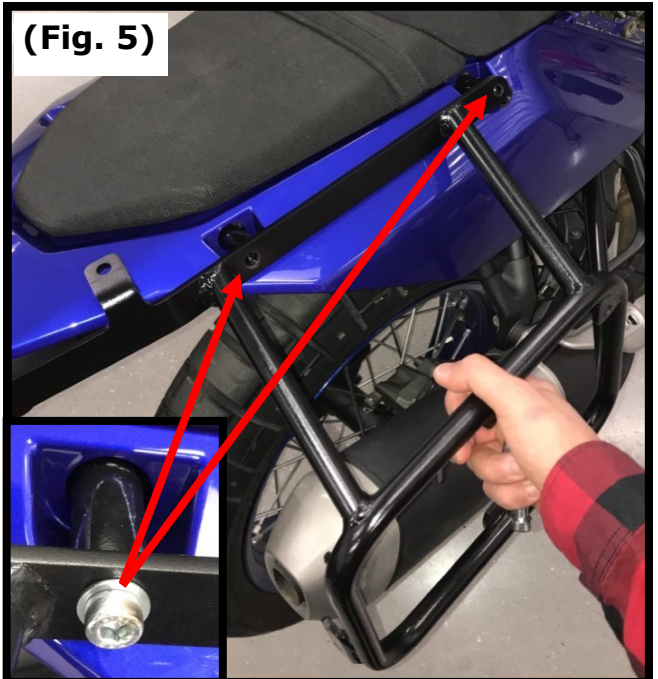
(Fig. 4)



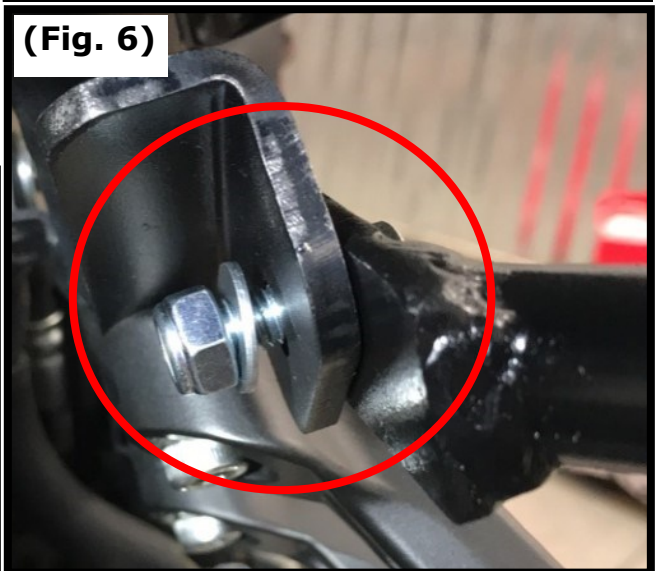
# Yamaha Tenere 700 Pannier Rack/Top Rack

6. Locate (1) M8 x 20mm hex head bolt, (1) M8 washer and (1) M8 nyloc nut for the mounting of the lower pannier rack support tube to the lower subframe support bracket. Install provided hardware as shown in **(Fig.6)**. Leave these loose for now. Repeat this step on opposite side.
7. Next, locate the pannier rack support tube along with corresponding hardware, (4) M6 x 20mm, (4) M6 nyloc nuts. The pannier rack support tube will install across the machine and will route behind the OEM license plate and turn signal mounting plate as shown in **(Fig.7)**. Locate the mounting location of the support tube on each end at the lower section of each pannier rack hoop. Place the Pannier rack support tube aligning the mounting holes on each pannier rack hoop. The Pannier rack support tube has oblong holes for adjustment for optimal fit, move the support tube side to side until it is centered with the pannier rack system and install the provided hardware. Tighten hardware on each side.

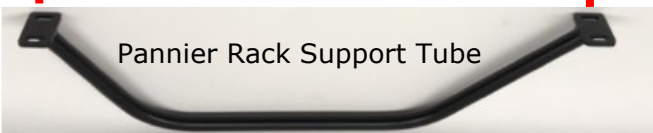
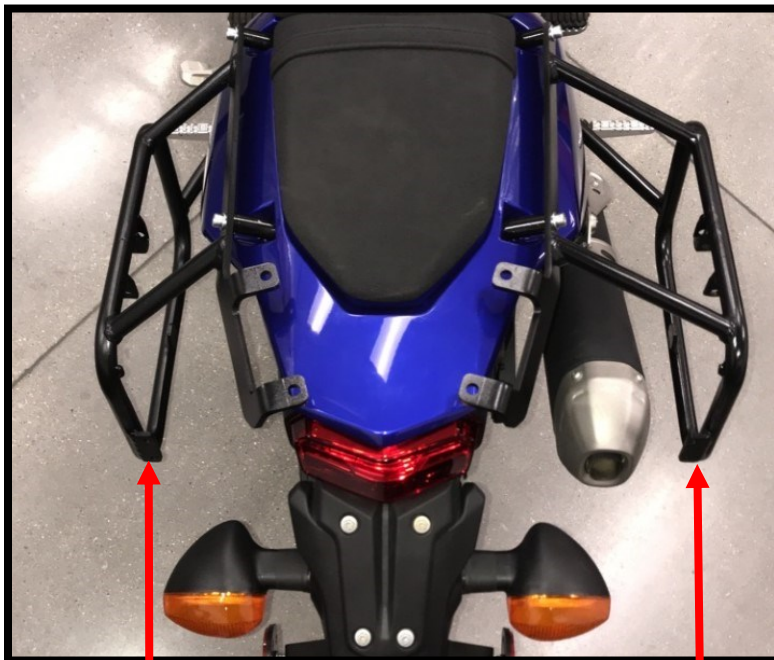
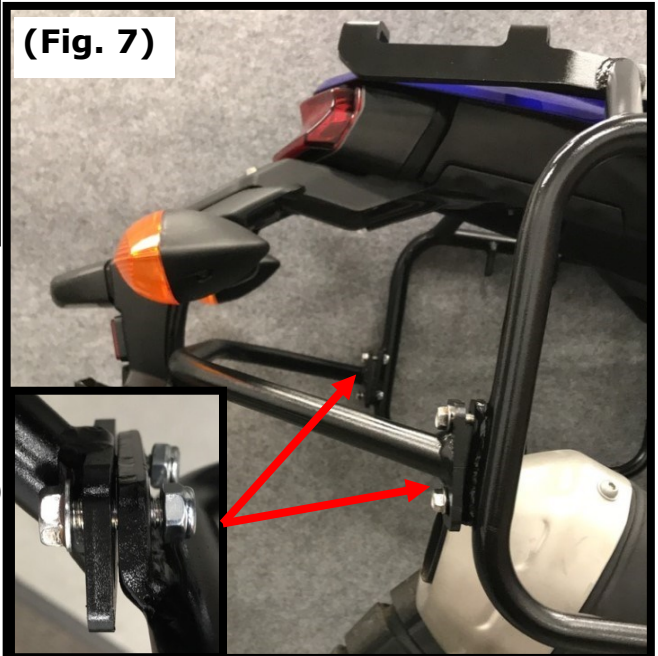
**(Fig. 5)**



**(Fig. 6)**



**(Fig. 7)**



M6x20 10mm  
Flange Head (4)



1/4" Flat Washer (4)



M6 Nyloc Nut (4)

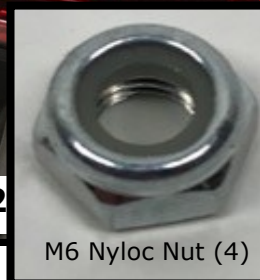
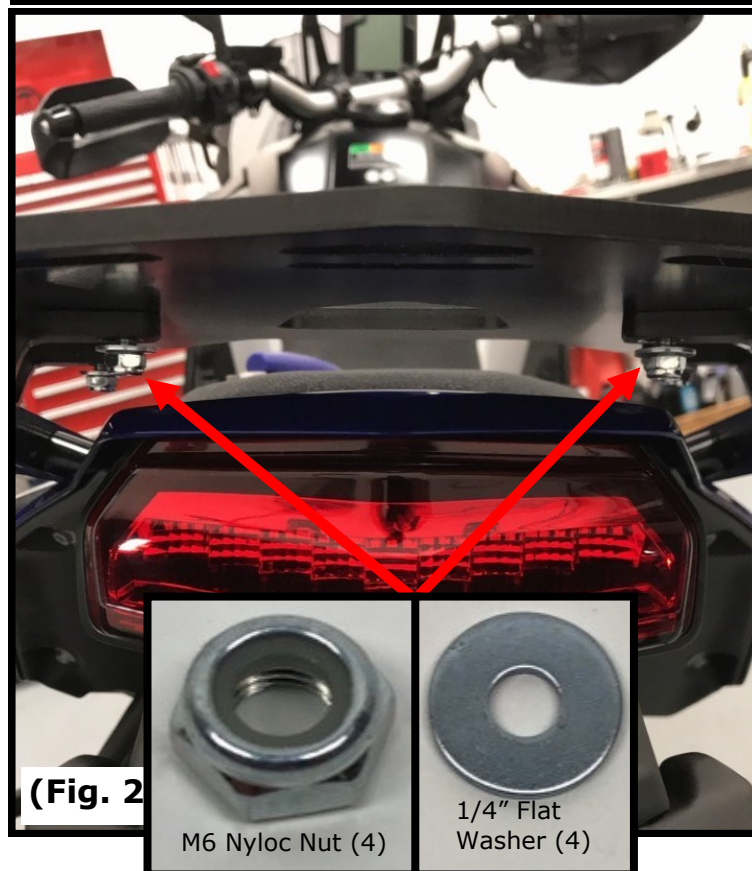
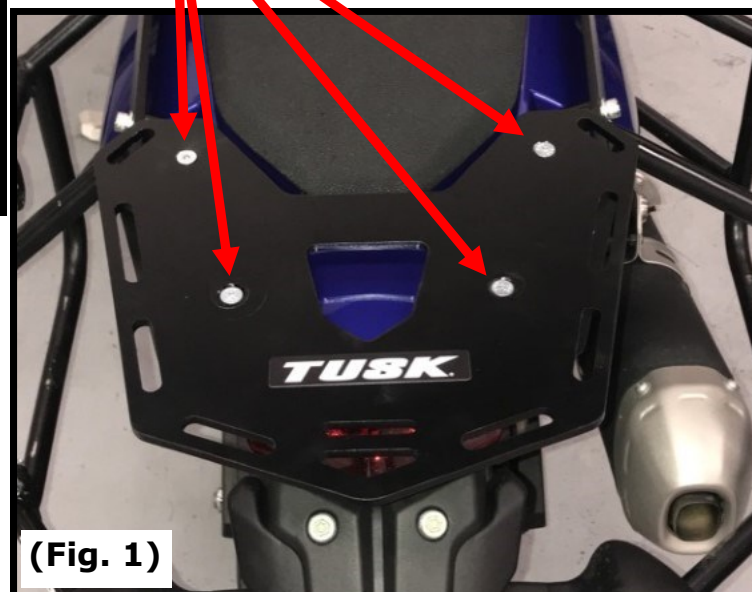
# Yamaha Tenere 700 Pannier Rack/Top Rack



## Top Rack Installation

1. Locate (4) provided M6 x 20mm Tapered Allen Bolts, (4) 1/4" Flat Washers and (4) M6 Nyloc Nuts.
2. Place the Tusk Top Rack on top of the Tusk Pannier Rack system. Line the Top rack holes with the Tusk Pannier Rack mounting holes.
3. Install the M6 x 20mm tapered Allen Bolt through the top rack and through the Tusk Pannier Rack mounting locations, refer to **(Fig.1)**.
4. Next, on the underside of the top rack install (1) 1/4" Washer on each bolt followed by an M6 Nyloc Nut, refer to **(Fig.2)**.
5. Tighten all hardware evenly check to make sure the Tusk Top Rack is sitting flat. Periodically check the pannier rack hardware on the Tusk Pannier Racks and Tusk Top Rack to make sure all hardware remains tight.

Enjoy the use of your new Tusk Pannier Rack/Top Rack!





## Tusk Pannier Boxes

### Pannier Mounting

**Note:** Most universal type pannier boxes can be mounted to the tusk pannier racks. Always refer to the instructions included with the boxes you are mounting.

1. Install the mounting plates to both the left and right side of the pannier racks (pull the pull-pins back and make sure they engage correctly into the mounting plate).

2. With the mounting plates in their proper position, hold up the panniers to the bike to find the optimal position for rider comfort and look. It is a good idea to have a friend hold one side up at a time while you sit on the bike to make sure you are comfortable with the position.

*Note: When positioning the pannier, keep the passenger's leg, foot, and passenger peg in mind if you ever plan on having a passenger).*

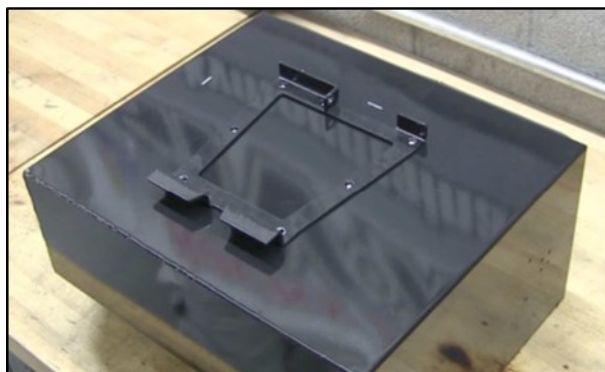
3. Once the optimal position is found, mark the location of the 7 mounting holes that will be required (this is best done while your buddy holds the box in place and you mark the holes with a marker).

4. Carefully set your box down with the backside up. Remove the mounting plate and set it on the box to make certain your marks are aligned correctly (Measure twice, drill once!). Drill the holes just big enough to fit the 8mm mounting bolts (11/32" bit).

5. Drill one pannier at a time. Once the first pannier is drilled, you may be able to use it as a template for the other side. Put the 2 pannier boxes back to back with the lids removed. Mark the pannier that hasn't been drilled through using the holes in the drilled pannier. Again, using the correct mounting plate, double check the marks. Once the drill marks are correct with the mounting plate, confirm fitment to the bike and drill the holes.

6. Bolt the mounting plates to the panniers using the button head allen bolts. Make sure the internal box support bar is used (flat bar) on the top 3 mount bolts (M8 x 20mm). Washers will be used on the other mount bolts (M8 x 25mm). The bolt will go in through the mount plate, into the box, through the internal mount bar, and into the nuts on the top 3 bolts. The bolts will go in from the inside of the box on the lower bolts, the nut will rest outside on the mounting plate.

**Note:** *The internal box support is critical for this pannier rack system. If not used, the weight of the box and gear will bend the mount plate and can lead to further rack damage and failure.*



## Tusk Pannier Boxes

### Pannier Mounting (Continued...)

#### Adjustment

7. With the mount plates mounted to the box, put the box on the rack. Check the tightness of the mount plate on the rack tubing. Check the alignment of the pull pin with the hole on the mount plate. If necessary, use washers to space the mount plate from the box (very likely on stiff aluminum panniers). Once adjusted with spacers, if minor adjustment for the pull-pin to fit properly in the mount plate hole is needed, a round file may be used.

**Caution:** Make sure the pull pin drops completely into the hole on the mount plate every time you mount your panniers (Wiggle the panniers to help seat). If not checked and the pin didn't seat correctly, the pannier could fall off. Keep the pin lubricated to aid in movement and engagement.

#### Locking security knobs

The pannier racks come complete with optional locking knobs that can be used with your panniers. This locking knob is an 8mm bolt with a plastic handle. Its purpose is to bolt the pannier box to the actual rack; so if the lids of the boxes are locked, the boxes will not be able to be removed from the motorcycle. The intent is to prevent theft as well as provide addition security to the box mounting.

8. Mark the location for the hole used for the security knob: Install the provided 8mm x 30mm marking bolt into the threaded hole on the front top corner of the rack. Put the pannier on the bike and put weight on the pannier to make sure it is seated correctly in place. The head of the marking bolt will hit your pannier box. Use a small mallet and tap on the inside of the box where the marking bolt hits the box. This will leave a mark in the box in the location you will drill.

9. Once the Box is marked in the exact location of the threaded hole on the rack, remove the box and drill the hole for the 8mm knob bolt (3/8" drill bit). Remove the marking bolt from the pannier rack.

10. Once drilled, mount the pannier box to the rack. Thread the security knob through the box and into the threads on the rack. Use the 8mm externally serrated washers on the knobs to prevent them from vibrating loose.

**Caution:** Before each of your adventures, check the pannier rack and boxes to ensure hardware is properly tightened. Always make sure the boxes are securely attached to the locking pins. It is highly advised that the security knobs always be used for increased security and safety. Enjoy your adventures!

