

# HTSO-0-6 BOTTLE HOLDER



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Dual Sport & Adventure Touring Specialists

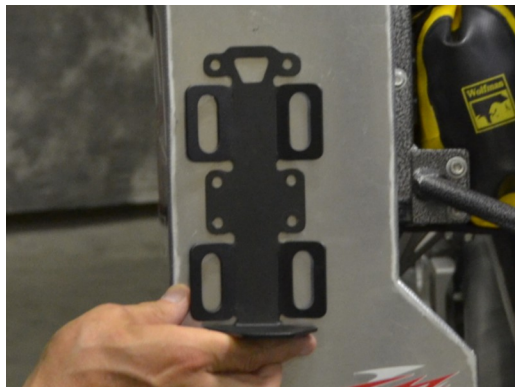
*Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail [installation@happy-trail.com](mailto:installation@happy-trail.com).*

Before you begin, place the bike on a hard level surface where you have room to work. Lay out the parts included in this kit and compare to the parts list on page 2 of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

## **Step 1**

The location of the bottle is customizable to the user's preference so long as the bracket rests completely against the pannier and does not overhang at any point. Happy Trails recommends placing the bottles near the bottom of the pannier to allow maximum space and lower distribution of weight. The rear of the pannier may be preferable to some as it improves leg room for the rider or passenger. The front of the pannier may be preferable as it places the additional weight in front of the rear axle. The choice is yours. Two bottle holders will fit on the front or rear of all 6" (or wider) panniers if placed properly.

**Fig 1**



## **Step 2**

Remove the nylon bottle holder from the mounting bracket for the initial fitment of the bracket to the pannier. Place the bracket on the pannier as shown in Fig 1 and use a felt tipped pen or paint pen to mark the six mounting holes on the pannier.

Drill holes entirely through the pannier with a 6mm (1/4") drill bit. Clean the holes with a de-burring tool or small round file to ensure no sharp pieces of metal remain on the inside or outside of the hole.



**Fig 3**

## **Step 3**

Place six M6x10MM button head bolts through the six holes on the inside of the pannier coming out as shown in Fig 3.



**Step 7**

Place the bottle holder on the six bolts and place an M6 washer on each of the six bolts. Thread an M6 nylock nut onto the bolts and tighten to 9 ft/lbs of torque.

Re-install the nylon bottle holder and installation is complete.

**Fig 7**



**Hardware List:**

- Happy Trails Bottle Holder
- 6 M6x10mm bolts
- 12 M6 Flat Washers
- 6 M6 Nylock Nuts

**Recommended Tools:**

- 5mm Allen wrench
- 10mm box end wrench
- 6mm (1/4") drill bit
- Electric drill
- Felt tipped pen/paint pen



Revision 2, Changed material from aluminum to steel, and increased mounting hole points from 4 to six for increased strength.

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Rev. 2  
SH