

SU RACK TOOL HOLDER HTP0-0-25



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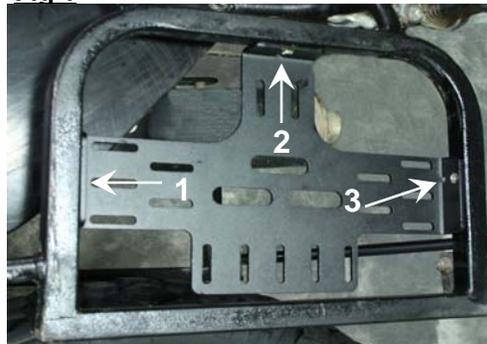
Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail installation@happy-trail.com.

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 3 of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

Step 1

Place the tool holder mounting plate into the SU Rack frame as shown in Fig 1. The tool holder is typically mounted on the non-exhaust side of the motorcycle because of clearance issues with the exhaust. Ensure the three attachment holes indicated by arrows 1, 2 and 3 will clear mounting points on the SU Rack frame. If they fit remove the plate and drill all three holes to 1/4" or 6mm. If they do not fit select a new location for the mounting hole above or below the SU Rack frame and drill a new hole in an appropriate location above or below the SU mounting point.

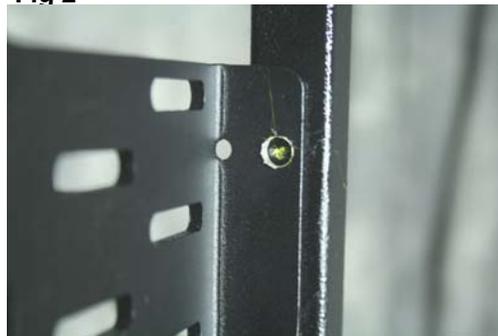
Fig 1



Step 2

Use a light colored felt tipped pin or paint pen to mark the attachment holes as shown in Fig 2. When all three holes have been marked remove the mounting plate.

Fig 2



*Note On PEM style SU Racks the top attachment hole (indicated by arrow 2 in Fig 1) is pre-drilled with a pilot hole. Enlarge this hole to 1/4" or 6mm.

Step 3

Users with short or angled drills will drill the three marked holes directly from the inside of the SU Rack frame.

Fig 3



Users with larger drills will need to mark an additional hole on the outside of the SU Rack frame. Draw a line out the outside of the SU Rack as shown in Fig 3. Place an additional felt pen or paint pen mark on the outside of the SU rack on all three mounting holes.

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Step 4

When all three holes have been drilled, place an M6x30mm bolt through the hole and into the plate with a washer on each side as shown in Fig 4. Place an M6 Nylock nut on each bolt and tighten to 9ft/lbs of torque.

*Note PEM Style SU racks will require an M6x16mm bolt in the upper attachment point.

Fig 4



Step 5

Next, attach the smaller L bracket to the SU rack frame as shown. The L bracket should face towards the rear tire and be attached to the tool holder mounting plate with an M6x16 bolt, an M6 washer on each side and an M6 Nylock nut on the inside of the SU rack as in Fig 4.

Tighten both bolts to 9 ft/lbs of torque.

Fig 5



Step 6

Attach the larger L bracket to the smaller L bracket as shown in Fig. 6. There is adjustability on both L brackets to allow the user to adjust the height and angle of the tool holder. A plumb line may be hung from the outside of the L brackets to ensure clearance from the swing arm of the motorcycle. Adjust the tool holder to the desired width and position and tighten all bolts to 9 ft/lbs of torque.

Fig 6



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Hardware List:

- 3 M6x30 bolts
- 6 M6x16 bolts
- 18 M6 flat washers
- 9 M6 Nylock Nuts

Recommended Tools:

- 5mm Allen Wrench
- Felt tipped pen or paint pen
- 10mm box end wrench



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07/26/11
Rev. 1