

# PUCK KIT INSTALL INSTRUCTIONS POINT1

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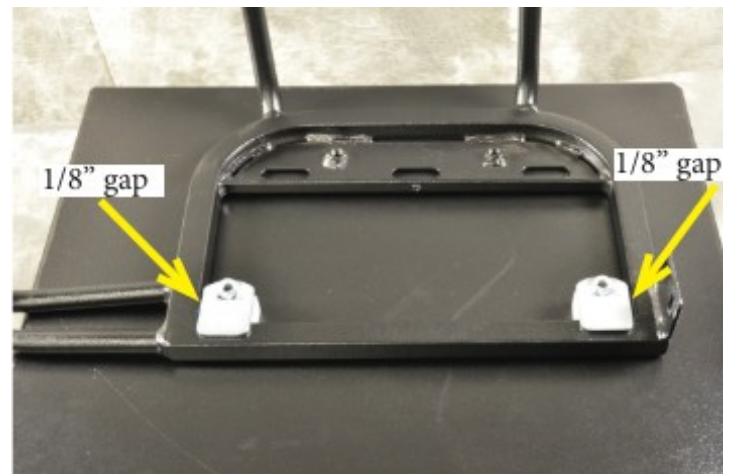
Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail [installation@happy-trail.com](mailto:installation@happy-trail.com).

## Step 1

If your panniers have not been pre mounted (drilled), you will need to perform the following procedure:

Figure out where you want the panniers mounted on the racks. Place your rack and pucks on the back side of the pannier as shown in the photo. Make sure there is about 1/8" gap between puck and side square tubes at arrow locations to make it easy to install pannier on rack. Puck should be resting on bottom tube to support pannier weight.

Mark through the holes in the center of the pucks and top Point1 plate onto the panniers. Drill with a 5/16" drill bit and de-burr the holes. A slightly larger bit can be used to allow some puck movement for final alignment in step 2.



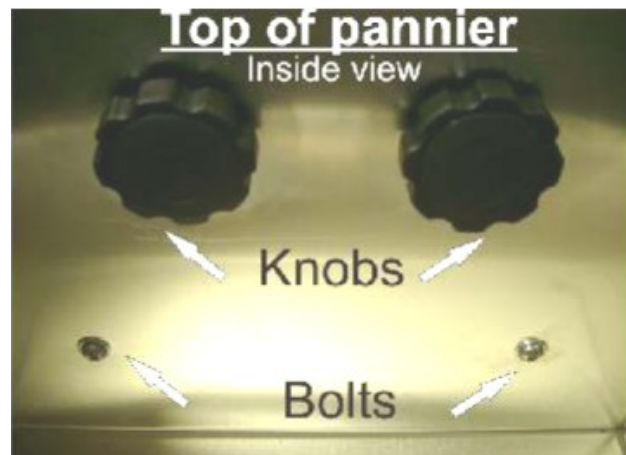
## Step 2

The photo on the right shows the location of the bolts and knobs on the inside of the pannier.

For proper puck alignment and easier install/removal bags we recommend installing the pannier on the racks using **only the top knobs** and fully tighten them down. Then install and tighten the bottom pucks in place using the hex head bolts.

Fender washers go inside the pannier at each bolt and knob location for additional strength.

An extra set of M8x20 bolts are included in this kit if you would rather attach the pannier with the knob tool and bolts rather than knobs.



**Bolt List:**

- 4 Pucks
- 4 Lower Hex Head Bolts (Refer to chart for size)
- 4 M8x20 Hex Head Bolts
- 8 M8 Flat Fender Washers
- 1 Knob tool



**Bolt sizes for each puck size in table below.**

625 Pucks	M8x30
710 Pucks	M8x35
750 Pucks	M8x35

The new Happy Trails Knob Tool is used to apply the pucks. You can use it instead of the knob so it takes up less space on the inside of the pannier.

