

## HAPPY TRAILS

11777 Executive Drive.  
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# BMW G650GS, F650GS & Dakar Engine Guard / Hwy Peg / Skid Plate Installation Instructions

*Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA.*

*If you have 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).*

### **Bolt List :**

<u>6</u>	<u>5/16 washers</u>
<u>3</u>	<u>8mm nylock nuts</u>
<u>1</u>	<u>8x70mm bolt</u>
<u>1</u>	<u>10x120mm bolt</u>
<u>1</u>	<u>10mm nylock nut</u>
<u>2</u>	<u>8x25mm bolts</u>

1. Remove any factory skid plates, crash bars and case guards.

2. You'll need to examine where the approximate location of each clamp will be on the frame, since you may not be able to get them in place once the skid plate is mounted. For the clamp locations you can hang the clamp from the frame before you place the plate up against the frame.

3. Due to the self-locking feature of the clamps it is recommended that you put a drop of oil in each of the nuts welded to the clamp.

4. Install all of the clamps loosely. Install Engine Guard/Hwy Peg to the frame using supplied bolts.

5. Bolt the Engine Guard/Hwy Peg to the Skid Plate using 8x20mm bolts, washers and nuts.

6. Check the fit and tighten ALL bolts and clamps.

