



**HAPPY-TRAIL.COM**  
*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 the last page of these instructions. If any parts or hardware are missing, contact us immediately at the number listed above.

**IMPORTANT!!!**

When installing Happy Trails accessories, leave all bolt connections loose until everything is mounted and fitted and then tighten as indicated in these instructions.

**Step 1: Remove Existing Skid Plate**

You will NOT need any of the original hardware for the installation of the new skid plate.

**Figure 1A**



**Figure 1B**



**Step 2: Install new skid plate**

Place the skid plate on the bike, using two button head bolts, two flat washers and two lock washers, thread the bolts into the two rear mounting holes. Next, place the clamps around the frame and start the bolts w/washers. By this point the skid plate should be attached to the bike loosely.



### **Step 3: Align Skid Plate and Tighten Bolts**

Once both clamps & both bolts are installed, tighten all bolts **until just shy of being tight** so you can still move the skid plate for final alignment.

Once the skid plate is where you want it, tighten the rear bolts then the front mounting clamps

NOTE: The clamps contain Utorque self locking nut and will require 18 ft-lbs to ensure the clamp is tight. **NOTE: Be sure the hex key wrench is fully inserted in the head of the bolt as the head can be stripped**

**Congratulations, You're Done. Time to RIDE!!!**

**Bolt Kit List:**

- 4 M8x20 Hardened 12.9 BHCS
- 4 8MM Flat Washer
- 2 8MM Lock Washers
- 2 Skid Plate Clamps

**Hardware List:**

- 1 Skid Plate
- 1 Bolt Kit
- 1 Instructions



3/17/16  
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