



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

We have an installation video that can help you attach your bars! You can simply scan the QR code with your phone to take you there, or you can find it on our channel, **HappyTrailsMoto**, on YouTube!



**Note: We recommend the use of medium strength thread lock on each bolt installed to help prevent them from backing out while riding.**

## Step 1:

Start on the left side by removing the plastic cover attached to the main fairing using a 4mm Allen wrench. See Figure 1. There are two pegs that seat into rubber grommets that hold the cover on as well, so you will need to use enough force to pull them out.

Removing the cover will reveal a flange head bolt beneath. If you have Kawasaki's auxiliary light bar installed on your bike, this bolt will be holding one of the mounting bars. Remove this bolt using a 12mm socket and put it aside. You will use it later.

Figure 1



### Step 2:

Remove the plastic cover next to the sub frame above the bike chain. This will not be replaced. See Figure 2.

### Step 3:

If you have an OEM skid plate installed, use a 14mm Socket with extension and 14mm wrench to remove the front engine mount bolt. Using a 12mm socket with extension and 12mm wrench, remove remaining two frame bolts. See Figure 3.

Now, remove the skid plate mount plates or “Bat wings”. You may need to detach the skid plate from the wings to be able to do this. You will place the wings over top of the engine guard mount once you begin the installation.

If you have a Happy Trails skid plate installed, simply remove the hardware from the same locations.

### Step 4:

Line up the engine guard mount bracket with the mount point from step 1. Thread the original bolt through the guard mount bracket and into the threads and leave loose. See Figure 4. Place the auxiliary light mount under the engine guard mount bracket if one is there.

Next, take one of the aluminum clamps provided in the hardware kit and loop it around the sub frame bar with the threaded holes facing outwards. Now, line up the engine guard mount plate up to the threaded holes in the clamp and thread in two 8x20mm button head (BH) bolts with 8mm washers using a 5mm Allen wrench and leave loose. See Figure 5.

Figure 2



**Note: Disregard the steel mount bracket pictured within the circle. The plastic cover beneath is to be removed.**

Figure 3

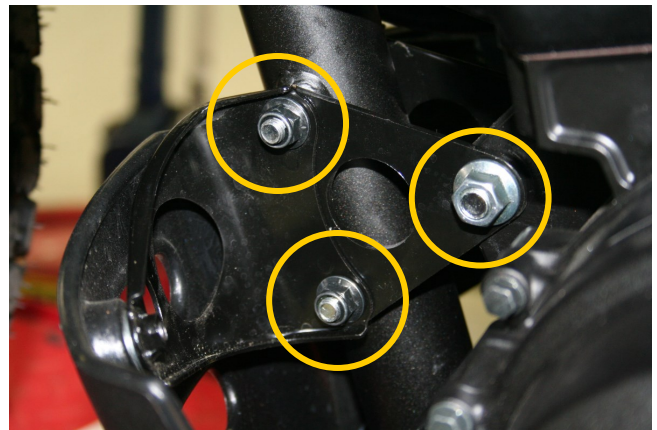


Figure 4



Figure 5



### Step 5:

Now place the lower engine mount plate over the frame mount where the skid plate attaches. If an OEM skid plate is installed, place the mount wings over the guard brackets and, using a 6mm allen wrench and 13mm socket, thread the two 8x90mm socket head (SH) bolts with washers through the holes and loosely thread on the M8 nyloc nuts provided.

If a Happy Trails skid plate is installed, install the 8x90mm SH bolts, washers, and nuts and leave loose. See Figure 6.

### Step 6:

Now repeat steps 4 and 5 on the right side of the bike. Remember to leave all hardware loose for now.

Figure 6



### Step 7:

Finally, make any needed adjustments to ensure everything is properly aligned, and begin tightening down each bolt starting from one end to the other.

**You're done! Time to ride!**

#### Hardware Kit:

- Qty 2: 8x90mm SH bolts
- Qty 4: 8x20mm BH bolts
- Qty 2: Aluminum clamps
- Qty 10: 8mm flat washers
- Qty 2: 8mm Nyloc nuts

#### Required Hardware:

- 4mm Allen wrench
- 5mm Allen wrench
- 6mm Allen wrench
- 12mm Socket
- 13mm Socket
- 14mm Socket
- 13mm Box End Wrench
- 14mm Box End Wrench
- Socket Extension

