



**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 1-208-377-8771 or e-mail support@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 final pages of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

**Step 1**

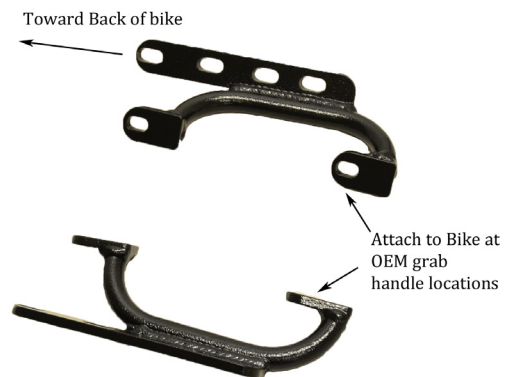
Remove both grab handles from the bike.

These will not be reused.

The base mounts shown in Fig 1 replace these OEM grab handles.

Install the base mount to the bike frame using M820S bolts M8 nuts along with an M8 flat washer at bolt head and nut at each of the 4 locations. Leave all bolts loose until final step.

Fig 1



**Step 2**

Install the tail rack to the base mounts and secure using additional M820S bolts, M8 nuts and flat washers at each of the 2 locations on each side of the bike. See arrows in Fig 2 for these bolt locations.

*NOTE the picture shows OPTIONAL SU rack which is installed at the other two hole locations on the base mounts using aluminum spacers. The SU also relocates the turn signals which is NOT required with just the tail rack install.*

Fig 2

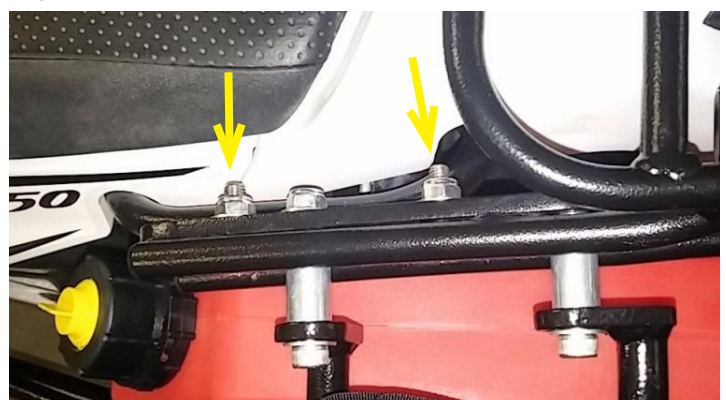


**Step 3**

The install process is similar for both left and right sides. Remember to use flat washers at each bolt head and nut location.

Fig 3 arrows show more detail on how the nuts are installed on the back side of the base mount.

Fig 3



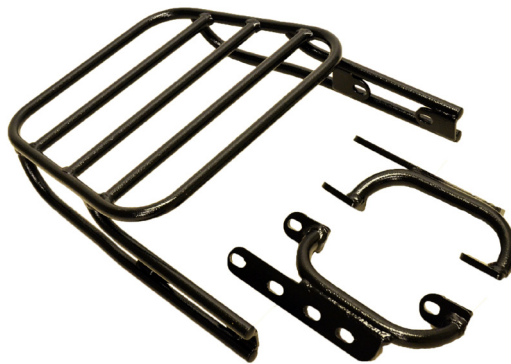
#### Step 4

Once all the bolts are in place, tighten the bolts to the following specifications:

Torque 8mm bolts to 18 ft/lbs

Your rack install is now complete.

Fig 4



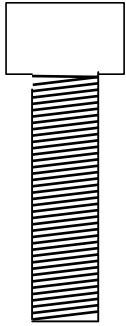
#### Recommended Tools:

6mm Allen Wrench  
5mm Allen Wrench  
12mm wrench  
10mm wrench  
13mm wrench

#### Hardware List:

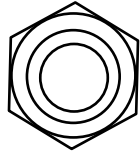
Right and left base mounts  
Tube tail rack  
Bolt kit  
Instructions





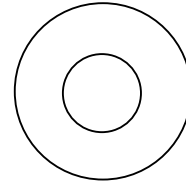
M820S

X8



M8N

X8



8mm FW

X20