



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.

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

Step 1

Remove L and R engine mount bolts using T50 Torx wrench. See arrow in Fig 1.

Right side shown in Fig 1, left side in similar location.

OEM bolts will not be reused, however **save washers** for reuse.

Note frame hole shown by arrow in Fig 1 is where spacers will be placed in step 3.

Step 2

Remove TOP front mount bolt at location shown in Fig 2. Use 13mm wrench and socket. OEM bolt and nut will not be reused.

Please note picture shown with nerf already installed in the correct location to help with step 3.

Step 3

Mount Nerf bar so loops face up and slide between front of frame and front wheel to position into place at front mount point first and position top two points until just resting on their upper frame mount points leaving enough gap to place the two spacers.

Place the long spacer in the frame hole on the right side of the bike (Fig 1) and the short spacer on the left mount hole and slide the Nerf up to keep the spacers from falling out.

Fig 1



Fig 2



Fig 3



Step 4

Place M8 flat washer on the M8x75 bolt in the kit and insert in the front mount point. Secure with second M8 washer and M8 nylock nut. Do not fully tighten. Place washers from Step 1 onto the two large M10 bolts in the kit. Insert the M10x100 through the upper **right** nerf mount, through spacer and into the frame mount. Do not fully tighten. (Note a small screwdriver helps position spacer to insert bolt)
Place the M10x80 bolt into the **left** upper mount point in a similar way.

Fig 4



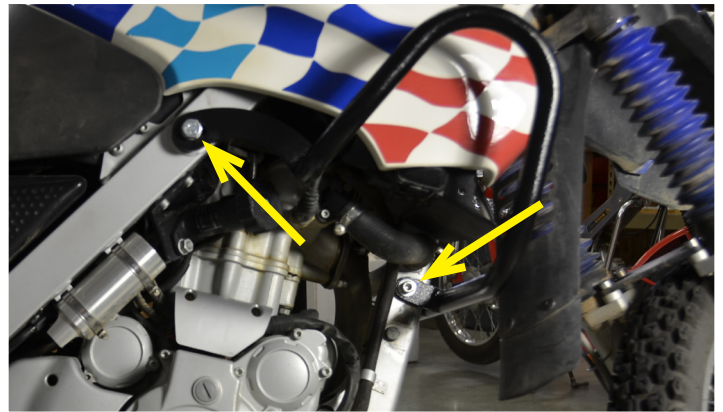
Step 5

Tighten all three bolts to the below specifications.

Note two bolt positions shown in Fig 5, third position shown in Fig 3.

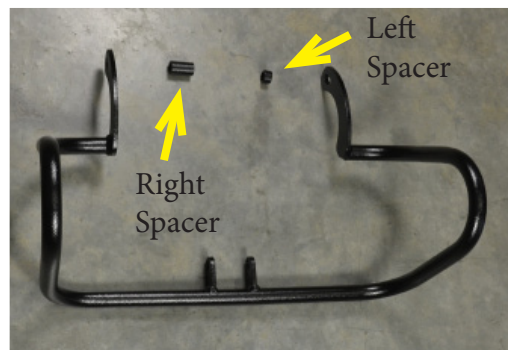
M10 bolts should be tightened to 27 ft/lbs
M8 bolt should be tightened to 18 ft/lbs

Fig 5



Recommended Tools:

T50 Torx wrench
(2) 13mm wrenches
17mm wrench



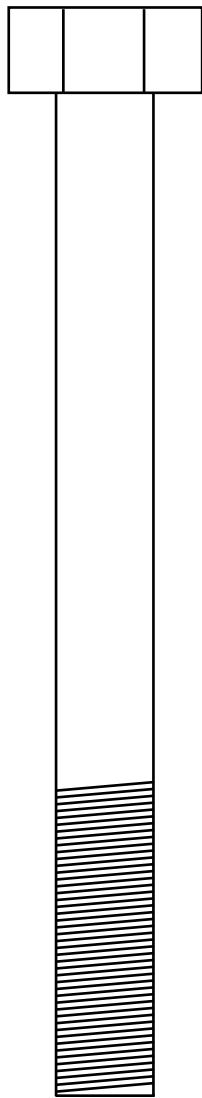
Hardware List:

(1) One Piece Nerf Bar
(1) 0.75x1.30x0.509" powder coat spacer (Right)
(1) 0.75x0.45x0.509" powder coat spacer (Left)



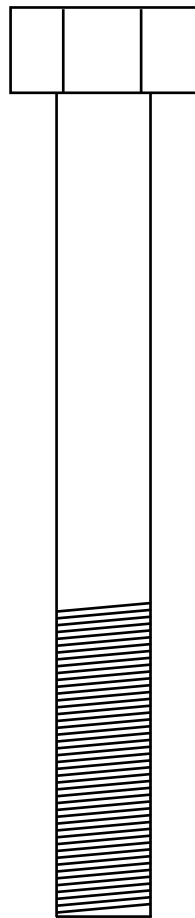
BMW F650GS PD Nerf Bolt Kit

HTP1-3-5



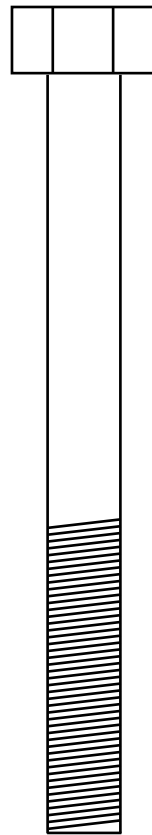
X1

M10100C
1.5 Thread Pitch
8.8



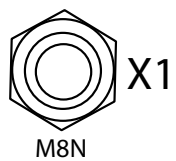
X1

M1080C
1.5 Thread Pitch
8.8



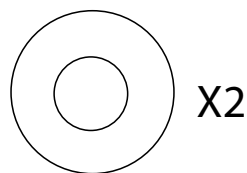
X1

M875C
8.8



X1

M8N



X2

M8 FW