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

Step 1

Remove 4 bolts and remove OEM Tail Plate. See Fig 1.

Fig 1



Step 2

Place (2) 5/8"OD 5/16" ID 1/2" L aluminum spacers in the rear holes on top of the seat base, and place (2) 3/4" OD 5/16" ID x 3/4" L aluminum spacers in the rear holes on top of the seat base See Fig 2.

Fig 2



Step 3

Hold one SU Rack in place and thread in an M8x40 SHCS with lock washer and flat washer. Do not tighten yet. See Fig 3.

Fig 3



Repeat with the other side SU Rack.

Step 4

Place (2) M8x35 SHCS bolts down through the rear mount locations on the OEM tail rack and through the mount plate, MT-1 as shown in Fig 4. The angle on the edge of the MT-1 plate should be facing down. Secure with (2) flat washers and (2) M8N locknuts. Leave the nuts loose.

Fig 4



Step 5

Place (2) 3/4"OD 5/16" ID 3/4" L aluminum spacers on top of the previously installed spacers in the rear holes in the seat tray. See Fig 5

Fig 5



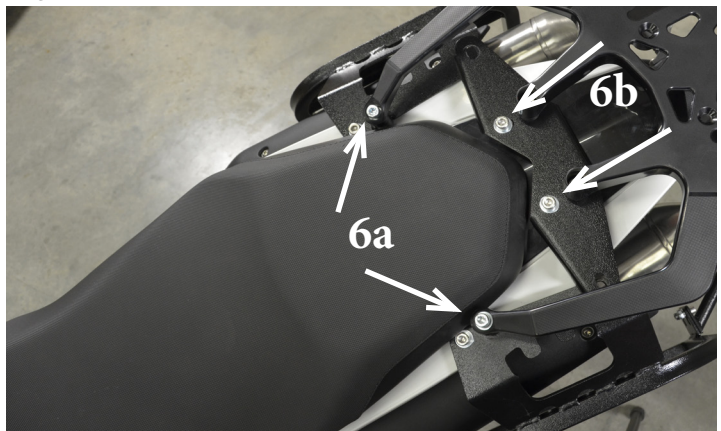
Step 6

Place lock washers on (2) M8x30 SHCS bolts and thread in through the front tail rack mount location into the SU Rack. See Fig 6a.

Make sure the spacers are aligned beneath the mount plate MT-1 then insert (2) M8x50 SHCS bolts, with lock washers and flat washers, through the mount plate MT-1, through the spacers, and into the seat base. Thread the bolts in. See Fig 6b

Leave bolts loose.

Fig 6



Step 7

Place (2) 3/4"OD 5/16" ID 3/4" L aluminum spacers between the SU Rack and the mount plate MT-1 at the locations shown in Fig 8, then insert (2) M8x40 SHCS bolts with flat washers through the mount plate, through the spacers, and through the SU Rack. Secure with flat washers and (2) M8N nuts. See Fig 7

Leave the bolts loose.

Fig 7



Step 8

Place a lock washer and flat washer on an M8x16 SHCS bolt and thread it into the passenger peg mount location at the front of the SU Rack. See Fig 8

Repeat on other side.
Leave bolts loose.

Fig 8

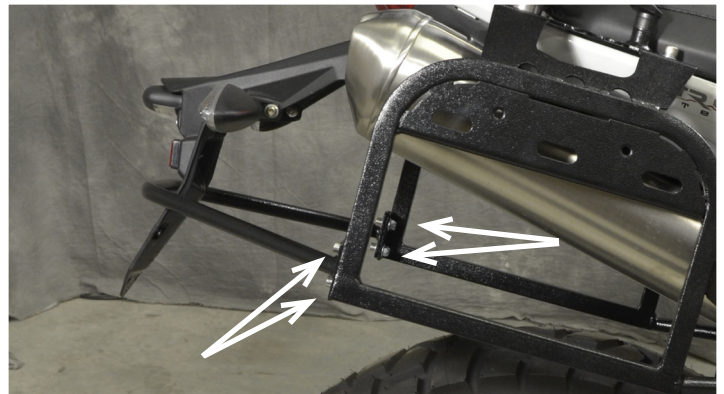


Step 9

Align the rectangular mounting tabs on the rear support with the tabs on the back of the SU Rack and secure using (4) M6x16 SHCS bolts, (8) flat washers, and (4) M6N nuts. See Fig 9. Tighten these bolts to 9 ft/lbs.

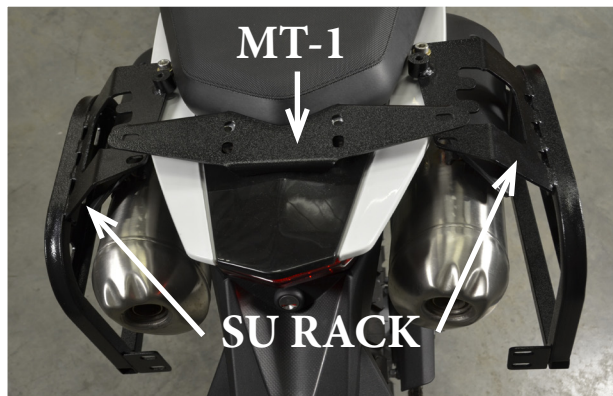
Tighten all remaining bolts to 18 ft/lbs

Fig 9



Recommended Tools:

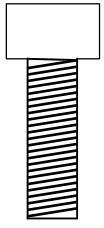
- 10mm wrench
- 13mm wrench
- 3/8 drive ratchet wrench
- 3/8 drive 5mm Allen driver
- 3/8 drive 6mm Allen driver



Hardware List:

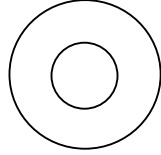
- (1) SU Rack left
- (1) SU Rack right
- (1) Mount Plate (MT-1)





X4

M616S



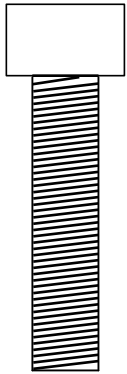
X8

6mm FW



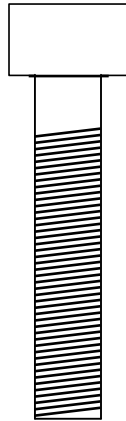
X4

M6N



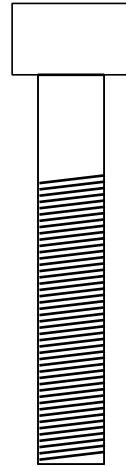
X2

M830S



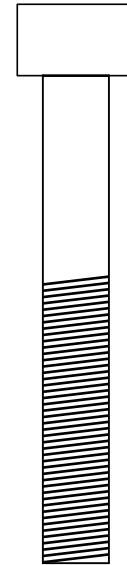
X2

M835S



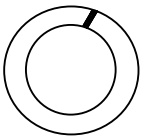
X4

M840S



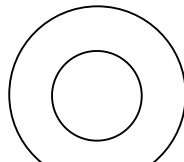
X2

M850S



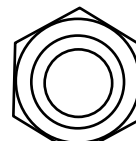
X6

8mm Lock Washer



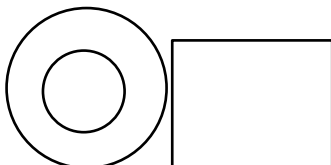
X8

8mm FW



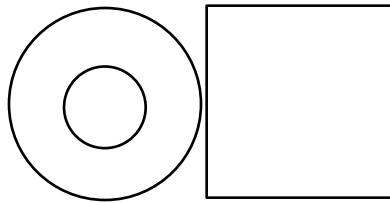
X4

M8N



X2

OD5/8, ID .319, L 1/2 Spacer



X6

OD3/4, ID .319, L 3/4 Spacer