



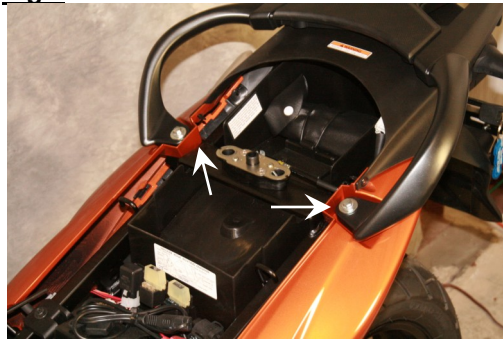
Thank you for purchasing Happy Trails products. Our products are proudly hand made in Boise Idaho, USA. If you have any questions or concerns about the installation of this product, please contact us directly at 1-800-444-8770 or e-mail installation@happy-trail.com.

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 page 4 of these instructions. If any parts or hardware are missing, contact us immediately at the number or email listed above.

Step 1

Remove the seat from the motorcycle, exposing the two grab handle bolts shown in Fig 1. Remove these bolts from the grab handle and set them aside for later use.

Fig 1



Step 2

Slide two mounting tabs, **short side out**, under the grab handle where the bolts were removed during step 1. Re-insert the bolts removed in step 1 but do not tighten them completely. Repeat this process on both sides of the motorcycle.

Fig 2



Step 3

Attach the center mounting point on the SU rack to the tab installed during step 2. Place a M8 flat washer on an M820B bolt. Insert the bolt through the SU Rack and tab as shown in Fig 3. Place a M8 flat washer and M8N nut on the bottom of the bolt. Begin threading the nut into place but do not tighten completely. Repeat this process on both sides of the motorcycle.

Fig 3



Step 4

On the left side of the motorcycle, begin threading an M620S with M6 flat washer through the hole near the seat release as shown in Fig 4. Do not tighten the bolt completely.

Fig 4



Step 5

On the right (brake) side of the motorcycle the exhaust heat shroud causes some interference with the SU Rack attachment arm. You may either cut the tip of the plastic exhaust shroud off on the dotted line shown in Fig 5 (just above the steel stand-off welded to the midpipe) or you may simply remove the plastic shroud using a 5mm Allen Wrench.

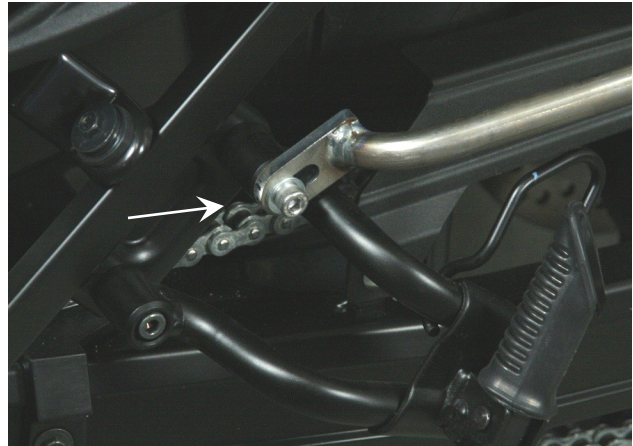
Fig 5



Step 6

On both sides of the motorcycle attach the lower mounting point of the SU Rack to the upper passenger peg mount using a M8 flat washer and an M855S as shown in Fig 6. Do not tighten these bolts completely.

Fig 6



Step 7

On the right side of the motorcycle, just above the Exhaust place a 1/4" long spacer between the SU Rack and exhaust tab/frame of the motorcycle if not using a Happy Trails Tail Plate System. If using the Tail Plate substitute tail plate arm for spacer and slide the bolt through SU tab, tail plate arm, muffler mount, and into frame. (see tail plate instructions for more details)

Bolt the SU Rack into place using an M860S bolt. *Note this bolt can be difficult to access. An L shaped Allen Wrench makes the process much easier.



Fig 7

Step 8

Attach the bumper to either side of the SU rack by threading each of the four M616S through the bumper and into the mounting holes at the back of the SU rack. Place one M6 washer on the front and on the back of each bolt and thread the bolts into the included M6N nuts.

Note the bumper should angle slightly down as shown in Fig 8 for proper fitment.

You may now tighten all bolts on the rack to the following torque specifications:

- M6—8 ft/lbs
- M8—18 ft/lbs

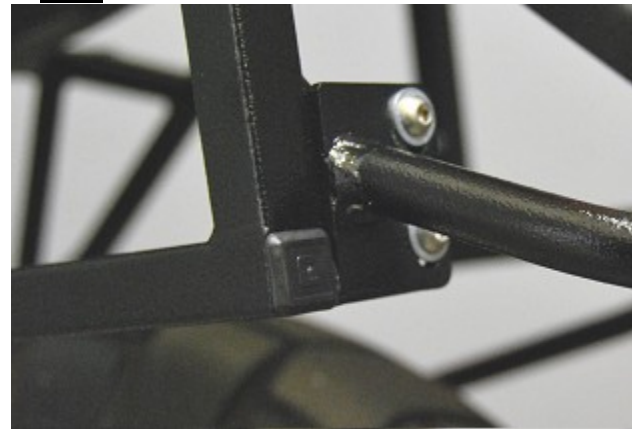


Fig 8

Hardware List:

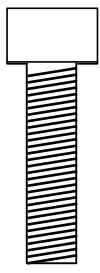
Left and Right SU Rack
Support Bumper

Bolt Kit
Instructions



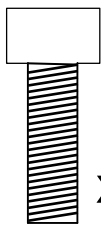
Recommended tools:

6mm Allen Wrench
5mm Allen Wrench
13mm Box End Wrench
10mm Wrench



x1

M620S



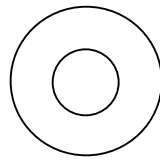
x4

M616S



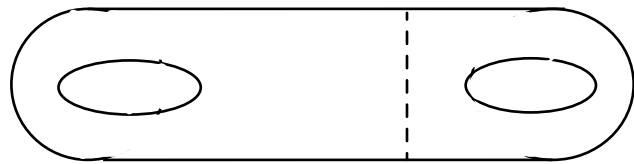
x4

M6N



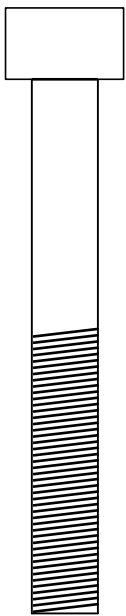
x9

M6 FW



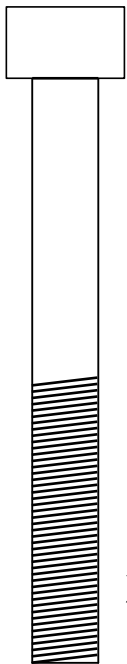
x2

2012+ DL650 SU Mount Tab
(Powder Coated with bend and 2 slots)



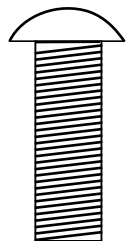
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M855S



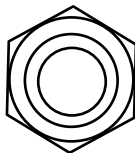
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M860S



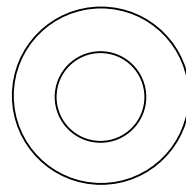
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M820B



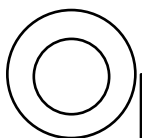
x2

M8N



x7

M8 FW



x1

1/2"OD x, 1/4" L x .319ID