

2012 DL650 SU RACK HTP7-5-12.1



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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 3 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 5/16" flatwasher on an M820 BHCS. Insert the bolt through the SU Rack and tab as shown in Fig 3. Place a 5/16" flatwasher 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 M620 BHCS with 3/16" 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.

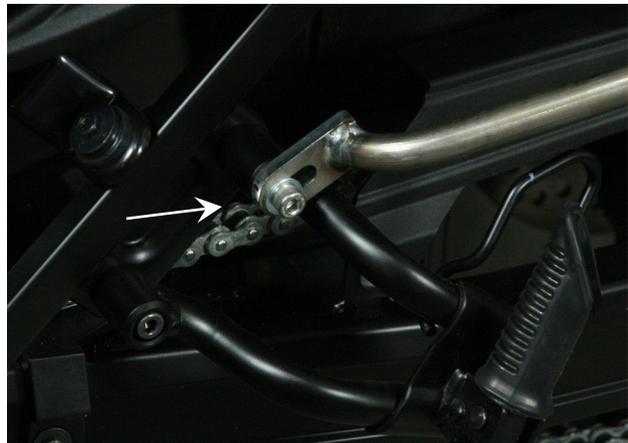
Fig 5



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 5/16" flatwasher and an M855 SHCS as shown in Fig 5. 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”Lx1/2”Wx.319” spacer between the SU Rack and frame of the motorcycle if not using a Happy Trails Tail Plate System. If using the Tail Plate simply leave this spacer out and slide the bolt through the spacer.

Bolt the SU Rack into place using an M860 SHCS bolt. *Note this bolt can be difficult to access. An L shaped Allen Wrench makes the process much easier.

Fig 7



Step 8

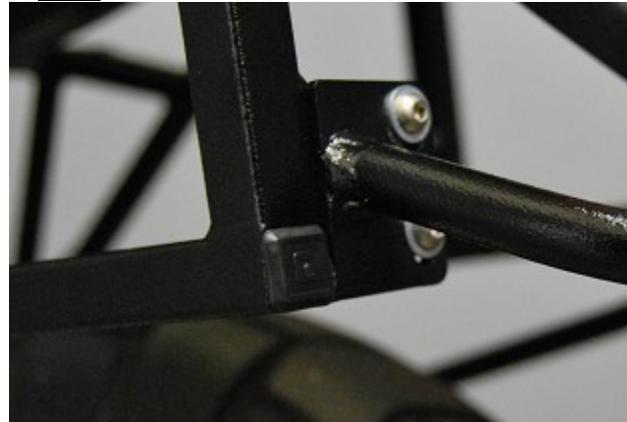
Attach the bumper to either side of the SU rack by threading each of the four M616 BHCS through the bumper and into the mounting holes at the back of the SU rack. Place one M6 washer on the front and on the back of each bolt and thread the bolts into the included M6 nylock bolts.

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

M6—8ft/lbs

M9—18 ft/lbs

Fig 8



Hardware List:

- 4 - M6x16 BHCS
- 1 - M6x20 BHCS
- 4 - M6 Nylock Nuts
- 9 - 3/16” flat washers
- 1 - M8x60 SHCS
- 2 - M8x55 SHCS
- 2 - M8x20 BHCS
- 1 - 1/4”Lx1/2”Wx.319” spacer
- 7 - 5/16” flat Washers
- 2 - M8 Nylock Nuts
- 2 - SU Rack mounting tabs
- 2 - SU Side Racks (not pictured)



Recommended tools:

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

2012 DL650 SU Rack Bolt Kit

