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

Note:

Tools Needed:

10mm Socket
4-5-6mm Hex Key wrenches
10-13mm End wrenches

When installing HT guards and racks, leave all bolts loose until entire rack is fitted. This allows the rack to move and take up differences in frame construction.

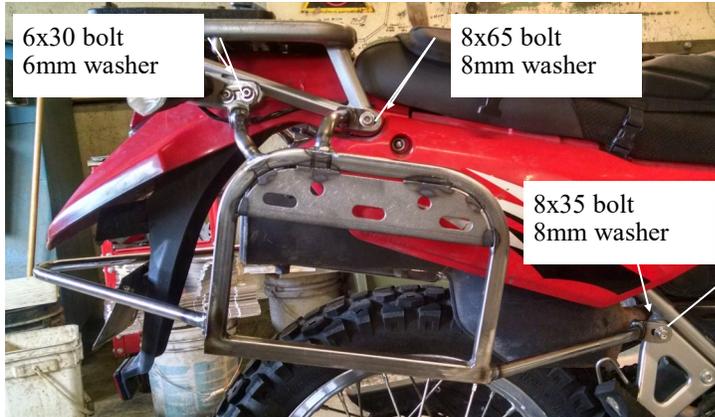
We also recommend that removable strength thread locking compound be used on all threaded connections.

Step 1, Disassembly:

Remove the turn signal assembly from the tail plate mount. (the turn lamp stays attached to the metal mounting tab, remove the other end from the bike)

Remove the metal inserts from the rubber grommet. Using a screwdriver and maybe a bit of water or lube and remove the rubber grommet. These will not be reused. Repeat this process on both sides. Bend the tab holding the wire in as this will interfere with the new insert you will be installing. Fit the insert to insure the wire clears the insert.





Step 2, Rack Installation:

Remove the upper passenger foot peg bracket bolt on both sides. These will not be reused.

Remove the front tail plate mounting bolt where the 8x65 bolt will go.

On the left side, using a M8x65 SHCS with M8 flat washer, place it through the center mounting point on the SU and the mounting hole on the tail plate. Start the thread, but leave loose.

Put an M8x35 SHCS in the front mount with M8 flat washer and start it in the foot peg bracket.

Step 3, Turn signal assembly:

Install the turn signal mount, they fit on the bike between the SU rack and the tail rack. Feed the two M6x30 with M6 flat washers through the SU, turn signal bracket, tail plate and insert. Ensure the insert tab has the protruding threaded insert extending towards the inside of the bike.

Switch to the Right side and do the same process.

Step 4, Bumper Installation:

Install the rear bumper bracket with the M6x16 bolts, two washer and a Nylock each. Leave loose.

Starting at the front mounts at the passenger peg bracket, tighten the bolts on the racks. Tighten the turn signal brackets making sure they are level as you tighten.

Step 5, Wrap up:

Tighten down the bumper and make sure all the bolts are tight. Make sure the wiring is secured. Replace the side panels and seat.

Turn on the key and make sure the turn signals work properly as well as the tail light and brake light.

Mount your panniers and enjoy the added secure luggage capacity.

Bolt Locations:

Qty.	Description	
2	M8x35 SHCS	Front passenger peg mount
2	M8x65 SHCS	Top front mount
4	M6x30 SHCS	Top rear turn signal mount location
4	M6x20 BHCS	Bumper (rear crossover bar)
4	M8 FW—hardened	Front passenger peg mount & Top front mount
8	M6 FW	Bumper (rear crossover bar)
4	M6 NYLOCK NUTS	Bumper (rear crossover bar)
4	M6 FW	Rear upper mount turn tab

Bolt List:

Qty.	Description
2	M8x35 SHCS
2	M8x65 SHCS
4	M6x30 SHCS
4	M6x20 BHCS
4	M8 FW—hardened
12	M6 FW
4	M6 NYLOCK NUTS

Hardware List:

- Left and Right SU racks
- Rear Bumper
- Bolt Kit
- 2-Turn signal inserts with threaded inserts
- Instructions



Happy Trails Products

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