



## Luggage Rack Installation Instructions

*\*Read ALL instructions BEFORE attempting to install Luggage Rack*

*\*Failing to follow these instructions could result in serious injury or damage to motorcycle*

*\*Advanced Sport Touring is not responsible for any injury or damage to property resulting from the use of this product*

*\*Pay close attention to the maintenance section*

**Included with Luggage Rack:** (1) Luggage Rack, (1) Tube of Loctite, Low Profile Velcro

**Tools you will need:** 5mm Allen Key

- 1) Loosen and remove all (4) bolts holding luggage rack to motorcycle. Keep these bolts. You will need them to install the new A.S.T. luggage rack. **(Fig. 1)**
- 2) Remove luggage rack from motorcycle and place aside.
- 3) Attempt to remove any debris from threads of bolts.
- 4) Place A.S.T. luggage rack on motorcycle while lining up holes of luggage rack to motorcycle.
- 5) *\*Do not use Loctite at this point.* One at a time, place a bolt through luggage rack hole into holes in motorcycle. Turn bolt a few times to get it threaded into the hole. This is to ensure holes will line-up correctly. *\*Do not force the bolt into the hole. The bolt must be perpendicular to the hole or it could damage the threads.*
- 6) Once you have all bolts threaded partly through the luggage rack, into the motorcycle, remove one bolt at a time, Loctite that one bolt and thread it back into the hole. Repeat for each bolt. All you need is a drop of Loctite on the threads. The act of turning the bolt in the hole spreads the Loctite. Use your 5mm Allen Key to get all bolts hand tight.
  - a. If you can't get all the bolts to line up, please view the trouble shooting section at the end of the instructions.
- 7) Tighten down bolts to 18 ft-lbs.
- 8) Installation Complete.

**Maintenance:** It's highly recommended that you put Velcro on the bottom of your touring case at any place it will come in contact with the luggage rack to prevent rubbing on the luggage rack. Please view **(Fig. 6)** for an example of how to place Velcro when attaching a Givi Monokey case. Extended periods of rubbing will damage the finish. Powder coating is designed to be more durable than paint but it's not invincible. It will scratch, scuff and chip.

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*Problem:* The bolts won't line up.

*Solution:* In rare cases, due to slight differences in motorcycle manufacturing, the bolts may not line up. To fix this problem, complete the following steps:

**Tools you will need: 4mm Allen Key, 14mm socket or wrench**

- 1) Remove seat
- 2) Remove seat cover bolts using 4mm Allen Key. **(Fig. 2)**
- 3) Remove seat cover. **(Fig. 3)**
- 4) Loosen Carrier Bracket bolts using 14mm socket or wrench. Do not remove the bolts. The purpose is just to give a little bit of play. **(Fig. 4)**
- 5) Attempt to line up the bolt holes of the luggage rack and the motorcycle. If you can line up the bolts at this point, complete the installation of the luggage rack per regular instructions. Tighten and torque bolts per specs in step 6 of Trouble Shooting. If bolts still don't line up, loosen bolts to Tail/Brake Light Assembly using a 4mm Allen Key. **(Fig. 5)** When bolts line up, remove luggage rack taking careful consideration to keep holes lined-up. Tighten bolts per step 6 of Trouble Shooting before bolting down Luggage Rack.
- 6) Tighten and torque all bolts back into their original location.
  - a. Tail/Brake Light Assembly – 11 inch/lbs
  - b. Carrier Bracket Bolts – 18 ft/lbs
  - c. Seat Cover Bolts – 11 inch/lbs

