



Designed for those with an interest in finding the most durable and functional luggage for their adventure touring.

## KTM 950/990 Adventure Odyssey Luggage Installation Guide

Thank you for purchasing Jesse Luggage for your Motorcycle. Our Luggage, handcrafted in the USA, is designed for those with an interest in finding the most durable and functional luggage for their adventure touring. Al Jesse has been designing and building aluminum touring luggage since 1991. He has traveled to over 40 countries on his own motorcycle and knows what it takes to make a good set of luggage. Jesse Luggage has built in several unusual features, including hinged lids that not only hold stuff while you are unloading, but also serve as additional packing space. The angle provide extra strength as well as clearance in corners and for your heels when paddling in deep sand. Powder coating provides a durable finished look for your boxes. We hope you enjoy your luggage for years to come.

**Note: Jesse Luggage Systems are designed to be compatible with your bikes stock components. Aftermarket accessories, such as exhaust, luggage racks, etc., may interfere and/or require modifications.**

### Tools Required

**Allen:** 5mm, 6mm

**Wrenches:** 13mm

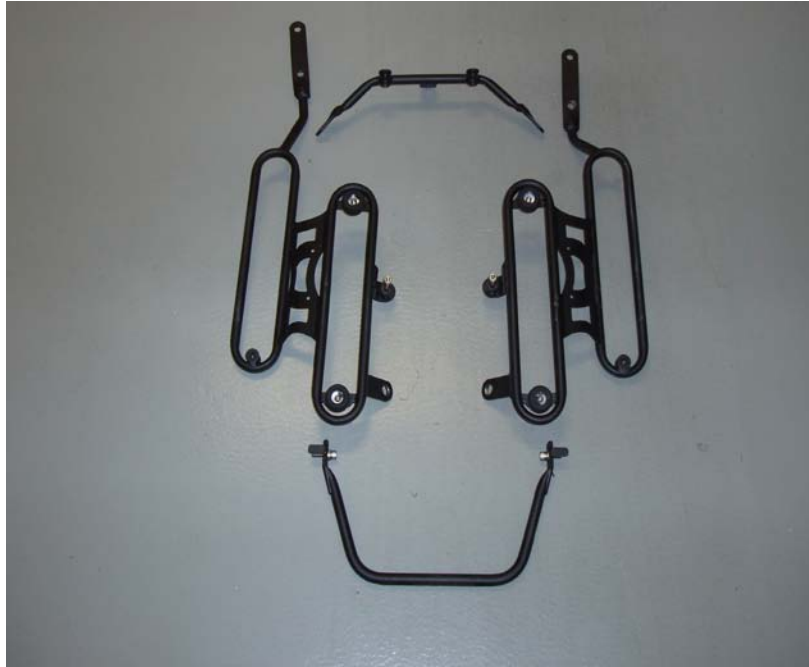
### General Instructions:

**Do not tighten any bolt until the entire assembly is completed. Leave all bolts completely loose until every component is in place loosely.**

Once the components have been installed, tighten all bolts snugly starting from the front and working back. Note where there are gaps in the assembly, and add spacers as necessary.

After the whole system has been snugly bolted down, and any adjustments made, remove one bolt at a time and use blue Loc-Tite ©, two drops per bolt, and fully tighten each bolt. Note; do not apply Loc-Tite © to any nut which is a self-locking nut.

**Note: The hardware for most parts is wrapped in place where it belongs, and in the order it needs to be installed. DO NOT remove the wrap until ready to install that particular piece. This helps keep track of what bolts go with what part.**



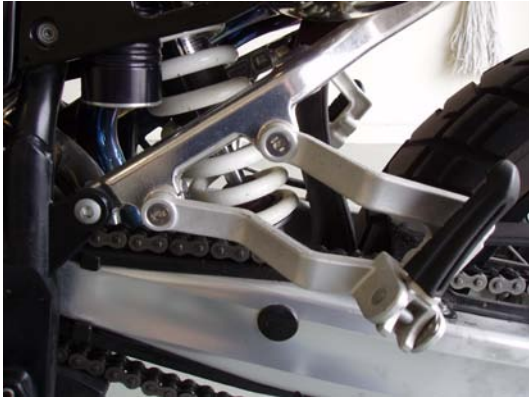
Make sure all components are included with your kit. Most hardware is attached to the proper components. See photo above.

### **Install Side Case Brackets**

**Tools Needed:**

5mm Allen, 6mm Allen, 13mm Wrench.

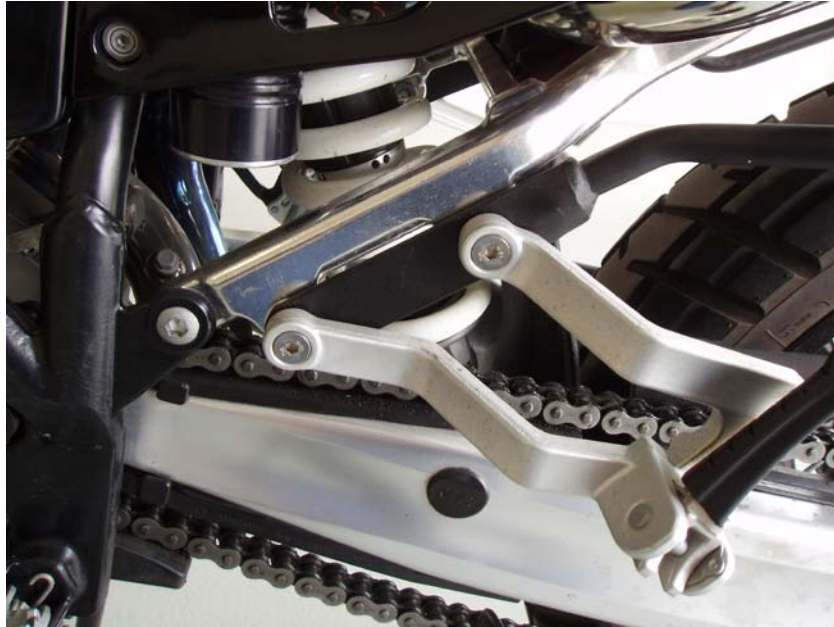




Remove left and right side passenger foot peg brackets. Set aside.



Remove stock grab bar bolt (A). Install left side main mount using supplied 8x80mm cap bolt replacing previously removed stock bolt.



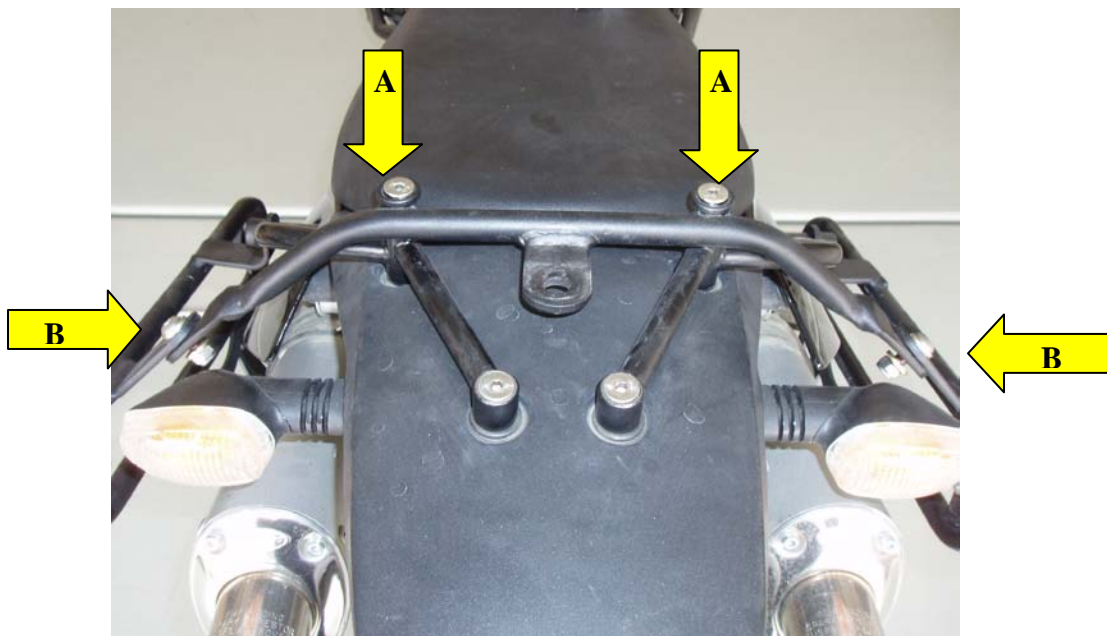
Reinstall left side passenger foot peg bracket with supplied 8x30 flathead screws, making sure that the mount support bar is installed between the bike subframe and foot peg bracket as shown.



Repeat steps for right side main mount, starting with removing stock grab bar bolt (A), and installing mount using supplied 8x80mm cap bolt.



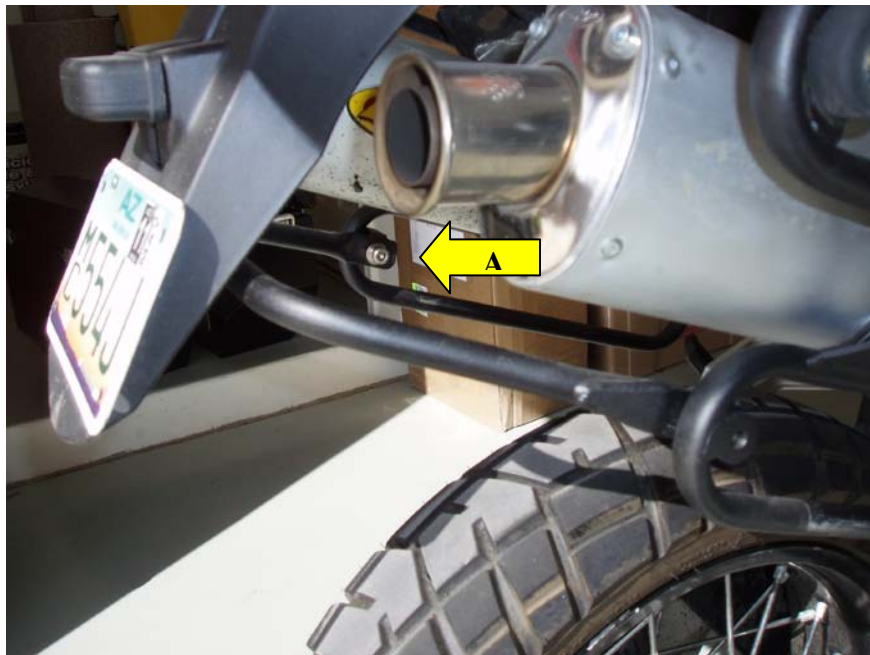
Reinstall right side passenger foot peg bracket as shown. Install supplied 8x30mm flathead screw in forward position with mount support between bike subframe and bracket. Install 8x60mm cap bolt in rear position in following order. 1) Install 8mm bolt through mount support, 2) install 1/4" spacer between mount support and foot peg bracket, 3) install 8mm washer between foot peg bracket and bike subframe.



Remove stock grab bar bolts (A). Install rear mount support as shown, replacing the stock bolts with supplied 8x80mm flathead bolts. Connect rear support to right and left main mounts with supplied 8x25mm button head bolts, washers and nylock nuts (B). If using stock rear rack, see below.



When using the stock rear rack, start by removing all 4 stock grab bar bolts. Replace the stock 2 forward bolts with the supplied 8x80mm flathead bolts as shown. Replace the stock 2 rear bolts with the supplied 8x60mm flathead bolts, using the 2 supplied 1" spacers between the rear rack and grab bar.



Install lower rear mount support using supplied 8x50mm flathead bolts (A), washers and nylock nuts.

Make sure all of the brackets on both sides are installed. Then go back and tighten them down. Look for gaps that may need a spacer (there are several spacers/washers provided for this purpose, they are gold in color). If you find a gap that doesn't pull tight easily, add a spacer. Once all the brackets fit snugly with the bolts and nuts lightly tightened down, go back and add two drops of blue Loc-Tite® and properly tighten them down.

**Note: Do NOT apply Loc-Tite® to any bolt with a Nylock® nut on it.**

### Preparing the mounts on the Odyssey Bags

**Tools Needed:**

3/16" Allen (supplied) Allen, 5mm Allen, 13mm Wrench.

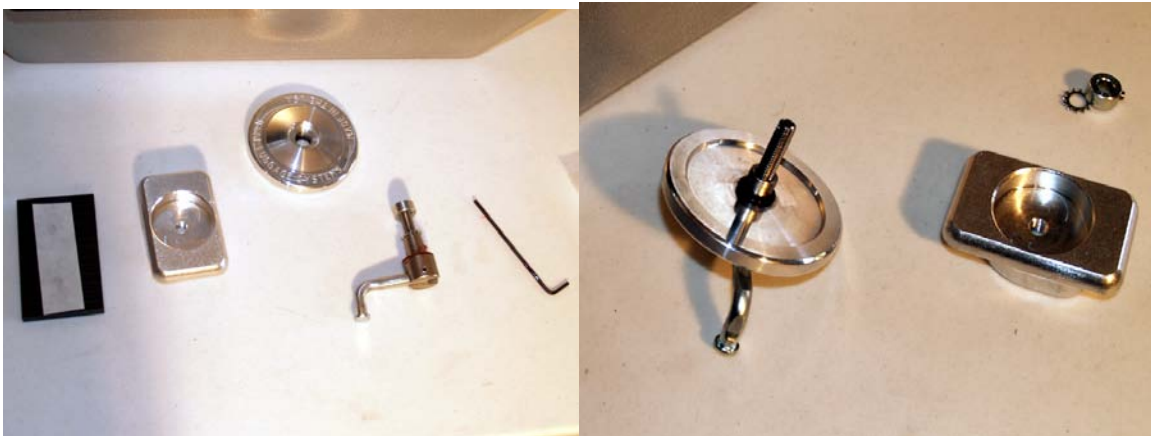


Install the internal support plate, **not needed for 8" wide boxes**. Use the short bolts with a small washer on the inside, and a large fender washer on the outside with the Nylock®

nuts. Keep this loose. Note: If the hardware kit did not include the internal support plates, your boxes do not require them.



Install the long bolts (4) (left) with a lock washer (split washer) then a flat washer and through the bag into the metal plate and threaded composite block (right). Keep these loose for now.



Assemble the cam locking mechanism. Using the parts in the left photo, remove the collar with the supplied Allen wrench, peel off the “O” ring under the tape on the round assembly and fit the crank handle through the hole. Use the rubber “O” ring to fit over the shaft.



Peel off the protective covers on the composite block tape strips, place over the hole in the bag as shown. Push the crank handle shaft through the hole and thread on the cam. Add the supplied washer next. Use the supplied Allen to tighten the setscrew. Repeat on the other side bag. Keep the lower mounting plates loose for now.

### **Installing and adjusting the Odyssey Bags**

Starting with your left Odyssey Bag, hold it at a slight angle and insert the lower composite block on the center of the lower mounting plate. Rotate the bag up until it is flat against the mount. See photo below.

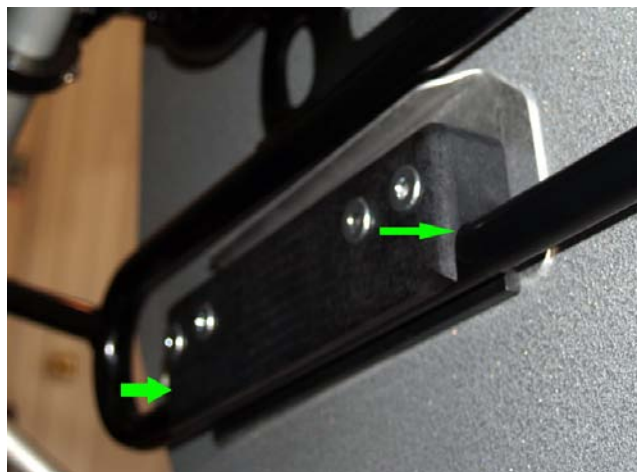


Use the crank handle to rotate the mount cam until it covers the upper mounting bracket on the bike. Until you have it properly adjusted, it may need to be turned by hand on the mounting cam. Do not tighten it yet.



Angle the bag by grasping it end to end and make sure it is level with the mounting bars on top. See arrow.

**Note: It helps if both bags are mounted so you can compare them to make them level with each other.**



Make sure the lower composite block is fully seated on the lower mounting bracket. See arrows.

Push the metal plate up against the upper portion of the mounting bracket. Tighten the bolts holding the composite block and metal bracket. Also make sure you tighten the two end bolts with Nylock® nuts on them.

## **Aligning the Odyssey Bags**

If properly installed, the Odyssey Cases should line up to each other. If one side is high or low, you can adjust them by loosening the six bolts on the lower mounts installed ON the bags, and moving it slightly as described above.

Ensure that both sides are level and double check everything is tight.

Remember, these bags are designed to be moved on the mounts. They will move as much as 3 inches for and aft. Depending on your needs, you can adjust them to suit. They will need to be completely removed and repositioned for this adjustment.



This photo shows the range of adjustment. Though it is a picture from the R1100/1150 series, the range is the same.

## Go for a Ride

Once you have completed the installation of your new Safari Cases, put all your tools away; grab a beer, a map, and start making plans for your next trip, because you and your Jesse Luggage are really going places.

If you encounter any issues, please contact Xplorermoto at the e-mail and phone number listed below.



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