KAWASAKI VOYAGER 1300 RIGHT REAR AXLE BRACKET INSTALLED



RIGHT REAR AXLE BRACKET





KAWASAKI VOYAGER 1300 LEFT REAR AXLE BRACKET INSTALLED



AXLE NUT & COTTER PIN

AXLE BRACKET

LEFT REAR AXLE BRACKET

BRAKE CALIPER MOUNTING BOLTS



AND COTTER PIN

AXLE NUT

BEARING RECEIVER

KAWASAKI VOYAGER 1300 BELLY BRACKET INSTALLED





KAWASAKI VOYAGER 1300 DESCRIPTION OF PARTS



Three 3/8" washers used as shims– not shown in picture above. You may or may not have to use the shims. See note below.

After installing the mounting hardware and attaching the Voyager frame to the belly bracket you may need shims to make the motorcycle stand straight up and down.

The shims may be used on either the left or the right side depending on which way the motorcycle is leaning. If the motorcycle is leaning to the left put the shims on the left side. If the motorcycle is leaning to the right put the shims on the right side.

Place shims in-between the belly bracket and the angle bracket.



ILLUSTRATION OF SHIM PLACEMENT BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

SECTION ONE INSTALLATION OF KAWASAKI VOYAGER 1300 MOUNTING HARDWARE

Place motorcycle on clean flat surface. Make sure your motorcycle is tied down on both sides. This prevents bike from tipping over. Installation is easier if motorcycle is in an upright position.

Disconnect negative cable from battery before beginning installation.

NOTE: The Voyager Convertible Kit was designed for a stock motorcycle from the manufacturer. Any after market products that are on a stock motorcycle may cause the installation process to not be done properly and may or may not need to be removed to be able to install the Voyager Convertible Kit completely. Be aware that your motorcycle and the same make & model as someone else's motorcycle may not have mufflers, body panels, frames, fenders and any other manufacturer parts that are attached to the motorcycle in the exact same place as yours. We at Motorcycle Tour Conversion, Inc. take that into consideration when we manufacture our parts to fit your motorcycle. Once in awhile you may need to modify your motorcycle slightly so that the Motorcycle Tour Conversion, Inc. hardware or suspension fits your motorcycle. Please call Motorcycle Tour Conversion, Inc. if you have any questions about installation with after market products or any modification of motorcycle and/or Motorcycle Tour Conversion, Inc. hardware.

Belly bracket is in 3 sections: <u>left side angle bracket</u>, <u>right side angle</u> <u>bracket</u>, and <u>main belly bracket</u>.

A) **RIGHT SIDE ANGLE BRACKET**

- 1) Locate the lower roll bar attachment bolt and remove the bolt.
- 2) Remove the rear brake pedal.
- 3) Remove the two bolts from the frame below the brake pedal attachment point.
- 4) Locate the right side angle bracket, bolts and washers provided with this kit, 1) 10-mm-1.25 x 40 bolt,
 2) 8mm- 1.25 x 60 bolts, and 3 internal star washers
- 5) Attach right side angle bracket to frame by lining up roll bar mounting hole and large hole on the right side angle bracket and install the 10mm-1.25 x 40 bolt and internal star washer. Install the 2) 8mm x 1.25 x 60 bolts and internal star washers through the right side angle bracket and into the motorcycle frame. Now tighten all bolts.
- 6) Reinstall the rear brake pedal.

SECTION ONE INSTALLATION OF KAWASAKI VOYAGER 1300 MOUNTING HARDWARE

B) LEFT SIDE ANGLE BRACKET

- 1) Locate the roll bar lower attachment bolt and remove the bolt.
- 2) Locate the 1) 5/16"x 18 x 1" x 2 3/16" U-bolt, 2) 5/16" flat washers, and 2) 5/16"-18 lock nuts.
- 3) Hang the U-bolt over the front foot peg attaching bracket.
- 4) Using the10mm 1.25 x 40 bolt and internal star washer attach the left side angle bracket through the roll bar and into the frame. Do not tighten at this time.
- 5) Install the U-bolt into the two holes on the left side angle bracket and tighten down using the 5/16" flat washers, and 5/16"-18 lock nuts and now tighten roll bar bolt.

C) MAIN BELLY BRACKET

- Install main belly bracket (with the main shaft to the rear) to the left and right angle brackets using the (6) 3/8" flat washers and 3/8"-24 lock nuts.
- 2) Tighten the nuts.

D) LEFT REAR AXLE BRACKET

- 1) Left side.
- 2) Remove your tour pack and saddle bags at this time.
- 3) Locate and remove the two brake caliper retaining bolts.
- Slide the left rear axle bracket up and under the muffler until the upper bracket mounting arm holes lines up with the brake caliper. Install using the 2) internal star washers and the 2) 10- 1.25 x 25 bolts. Tighten the bolts.
- 5) Using the hose clamp provided with the kit, wrap the hose clamp around the swing arm and swing arm attachment of axle bracket and tighten.

SECTION ONE INSTALLATION OF KAWASAKI VOYAGER 1300 MOUNTING HARDWARE

E) **RIGHT REAR AXLE BRACKET**

- 1) Remove the cotter pin and the axle-retaining nut.
- 2) Tap the axle "out" approximately 3/8 of an inch.
- 3) Remove the lower- outer, drive shaft housing retaining nut.
- 4) Slide the axle bracket slot over the axle, and the arm of the axle bracket onto the exposed stud of the drive shaft housing.
- 5) Replace and tighten the drive shaft housing nut.
- 6) Using the new "low profile" axle nut provided in the kit, tighten the axle nut and reinstall the cotter pin.



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KAWASAKI VOYAGER 1300

INSTALLATION MANUAL US PATENT # 6,739,420

WARRANTY WILL BE VOID IF INSTALLATION IS NOT DONE PROPERLY

READ THIS MANUAL FULLY BEFORE BEGINNING INSTALLATION OR DRIVING YOUR MOTORCYCLE WITH THE VOYAGER KIT ATTACHED