

HARLEY-DAVIDSON DRESSER 2002-2008

Exhaust Extension Bracket: is designed to bolt on as a spacer to move the exhaust system out far enough to clear the Voyager suspension.

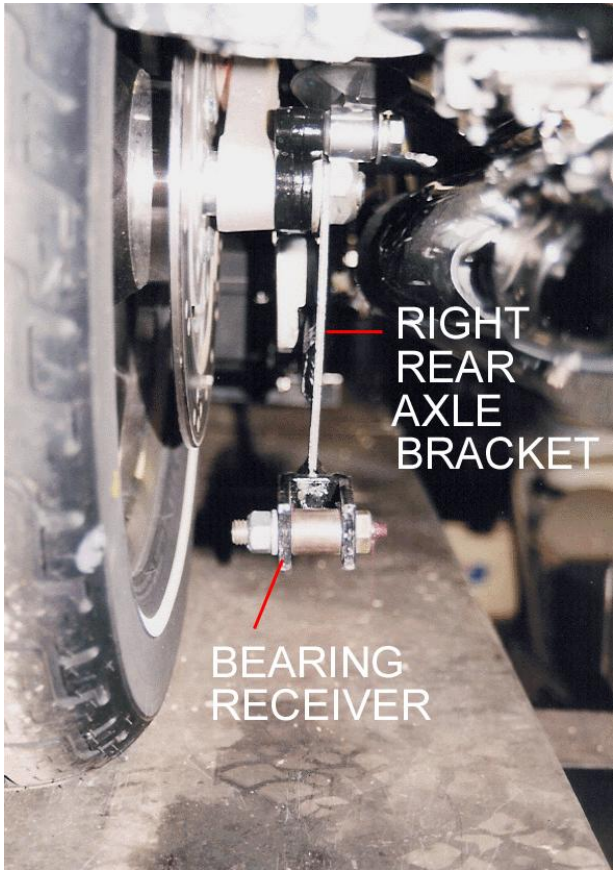
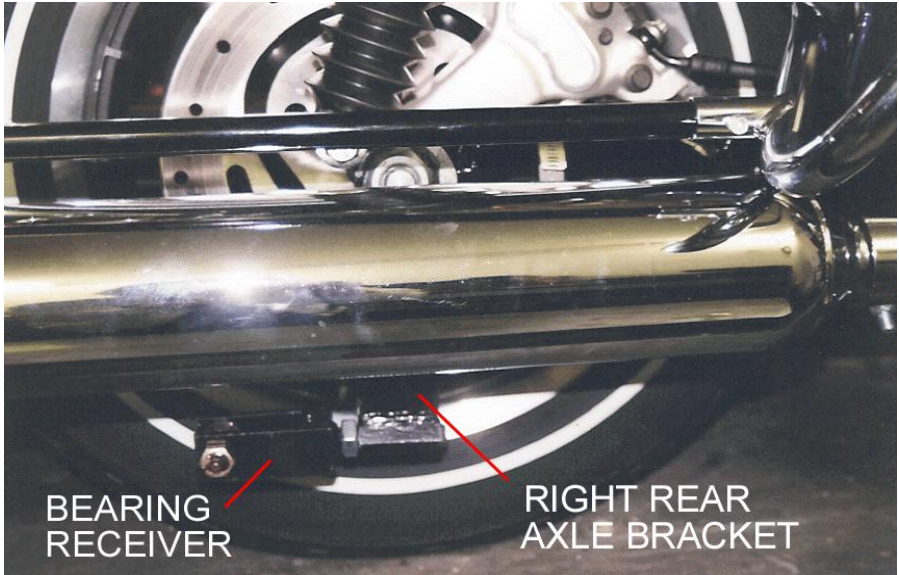
Remove the saddlebag from the left side of the motorcycle then remove the 2 bolts that attach the muffler to the bike. Bolt the brackets in its place so that it off sets the muffler to clear the Voyager springs.

Replace the saddle bag.

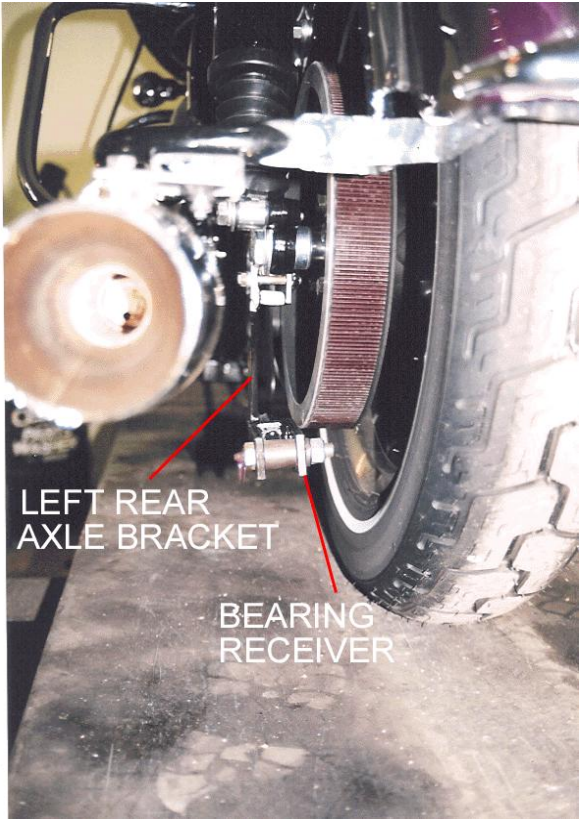
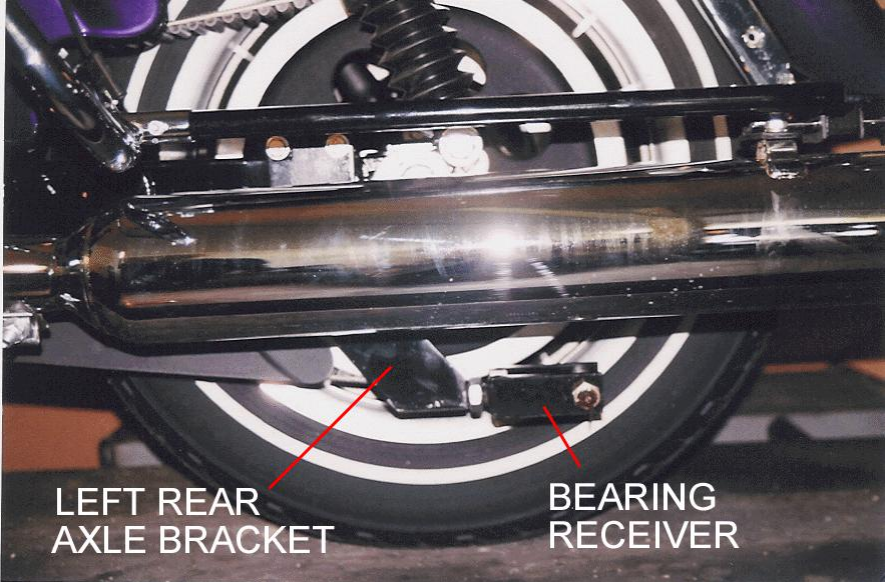
2 Brackets for each side.



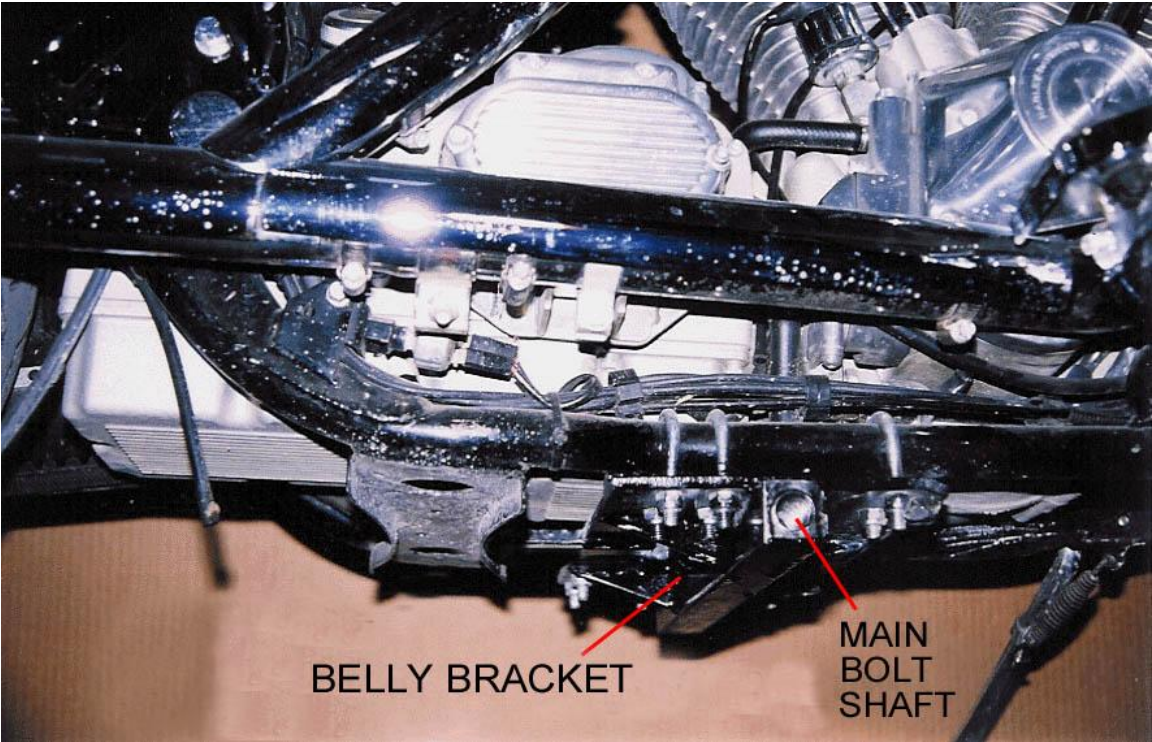
HARLEY-DAVIDSON DRESSER 2002-2008 RIGHT REAR AXLE BRACKET INSTALLED



HARLEY-DAVIDSON DRESSER 2002-2008 LEFT REAR AXLE BRACKET INSTALLED



**HARLEY-DAVIDSON DRESSER 2002-2008
BELLY BRACKET INSTALLED**

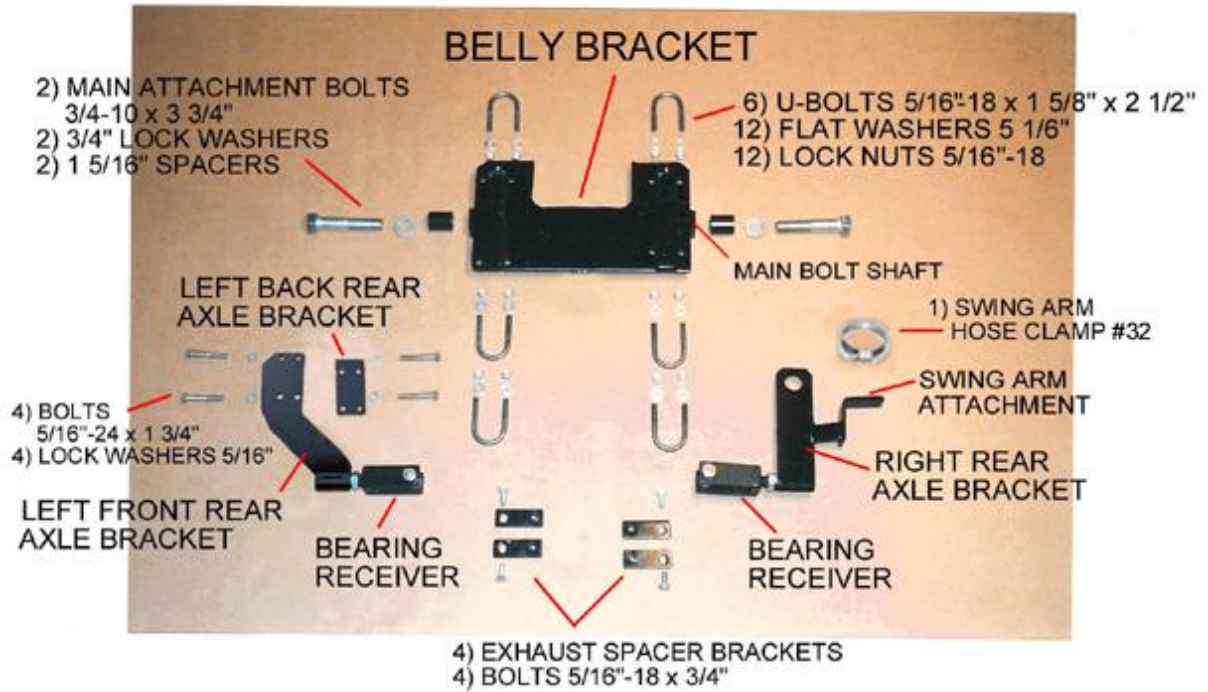


BELLY BRACKET

MAIN
BOLT
SHAFT

HARLEY-DAVIDSON DRESSER 2002-2008

DESCRIPTION OF PARTS



One 6" shim – not shown in Description of Parts picture.

You may or may not have to use the shim. See note on following page.

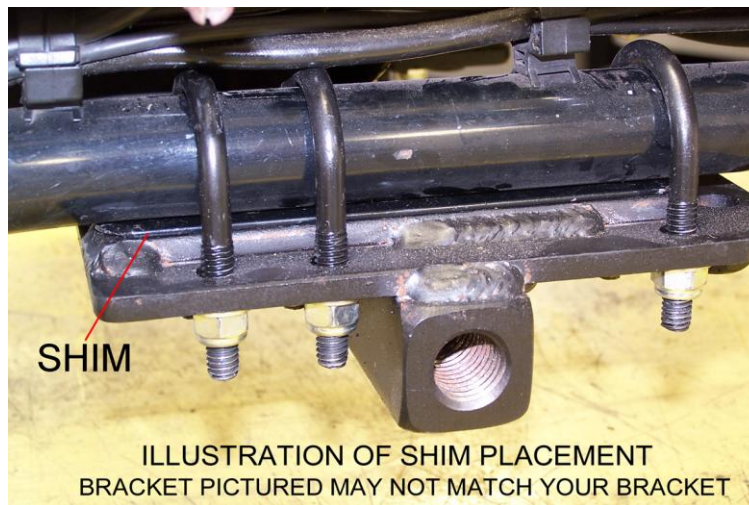


HARLEY-DAVIDSON DRESSER 2002-2008 DESCRIPTION OF PARTS (cont.)

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

The shim 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 shim on the left side. If the motorcycle is leaning to the right put the shim on the right side. The shim will go on the front and back of one side of the belly bracket.

Install the shim in-between belly bracket and motorcycle frame.



SECTION 1

INSTALLATION OF

HARLEY-DAVIDSON DRESSER 2002-2008

MOUNTING HARDWARE

Place motorcycle on a clean flat surface. Make sure to tie down motorcycle so it does not tip over during installation of Voyager hardware. 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.

A) BELLY BRACKET

- 1) Install six (6) u-bolts over motorcycle frame (three on each side) and through the belly bracket. Because of the rear brake drum sometimes only two u-bolts will fit on the right side.
- 2) Install the twelve (12) locking nuts and flat washers. **Do Not Tighten at this time.**
- 3) Placement of belly bracket – Measure from center of main bolt shaft on belly bracket to center of rear motorcycle tire. Measurement should be 31" to 31 ¼". When belly bracket is in correct position tighten all locking nuts. (On video this step is shown after rear axle brackets were installed.)

SECTION 1
INSTALLATION OF
HARLEY-DAVIDSON DRESSER 2002-2008
MOUNTING HARDWARE

B) MUFFLER EXTENSION BRACKETS

- 1) Remove side bags.
- 2) **Muffler extension brackets**
 - a. Remove bolts from factory muffler hangers
 - b. Install factory bolt through larger hole of extension bracket and into muffler.
 - c. Install bolt provided with kit through muffler hanger and then through extension bracket.

C) LEFT REAR AXLE BRACKET (yrs. 2002-2007) (yr. 2008 go to step D)

- 1) Install the left front rear axle bracket first. Put two bolts and lock washers in the lower holes of the bracket. Bring the bracket from underneath and in front of the swing arm. Then put two bolts and lock washers in the top holes of the bracket.
- 2) Slide the left back rear axle bracket behind the swing arm. Install the four bolts in the threaded holes of the left back rear axle bracket. Now tighten the bolts.
- 3) Make sure left back rear axle bracket does not touch pulley bolts of motorcycle.
- 4) After installing the Right Rear Axle Bracket, to make sure Left Rear Axle Bracket is in the proper place the bearing receiver on the left rear axle bracket should be in line or evenly across from the bearing receiver on the right rear axle bracket. You can adjust by loosening the bolts and moving the left rear axle bracket forward or backward and then tighten the bolts again.

D) LEFT REAR AXLE BRACKET (yr. 2008)

- 1) Remove left rear lower shock bolt.
- 2) Install factory shock bolt and lock washer through Left Rear Axle Bracket and install on motorcycle
- 3) Attach swing arm attachment of Left Rear Axle Bracket to swing arm of motorcycle with (2) #32 hose clamps.
- 4) Tighten lower shock bolt.

SECTION 1
INSTALLATION OF
HARLEY-DAVIDSON DRESSER 2002-2008
MOUNTING HARDWARE

E) RIGHT REAR AXLE BRACKET

- 1) Remove the E-clip from the axle bolt and remove the axle nut.
- 2) Place the right rear axle bracket on the axle bolt.
- 3) Sand down the axle nut 3/16" with a grinder. Replace axle nut and factory E-clip. **Do not tighten at this time.**
- 4) Make sure swing arm attachment of right rear axle bracket is touching swing arm of motorcycle.
- 5) Clamp swing arm attachment to swing arm of motorcycle with (1) #32 hose clamp.
- 6) **Tighten axle nut.**
- 7) Install side bags of motorcycle.

After installing the Voyager frame and suspension and taking the motorcycle for a ride with the Voyager Kit on, if the motorcycle pulls to the left or right when riding you can adjust the lean.

ADJUSTING BELLY BRACKET FOR LEAN

- 1) **EXAMPLE:** If motorcycle leans to the right place shim on the right side of the belly bracket
- 2) Use a shim stock or piece of metal that is 1" wide and 6" long 1/16" thick.
- 3) Loosen u-bolts on side of belly bracket you will be placing the shim. Slide shim stock between belly bracket and motorcycle frame.
- 4) **Tighten u-bolts.**



MOTORCYCLE TOUR CONVERSION, INC.
1530 TITANIUM DRIVE
OTTAWA, IL 61350

TOLL FREE: 877-434-7901
FAX: 815-434-8980

H-D DRESSER 2002-2008

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**