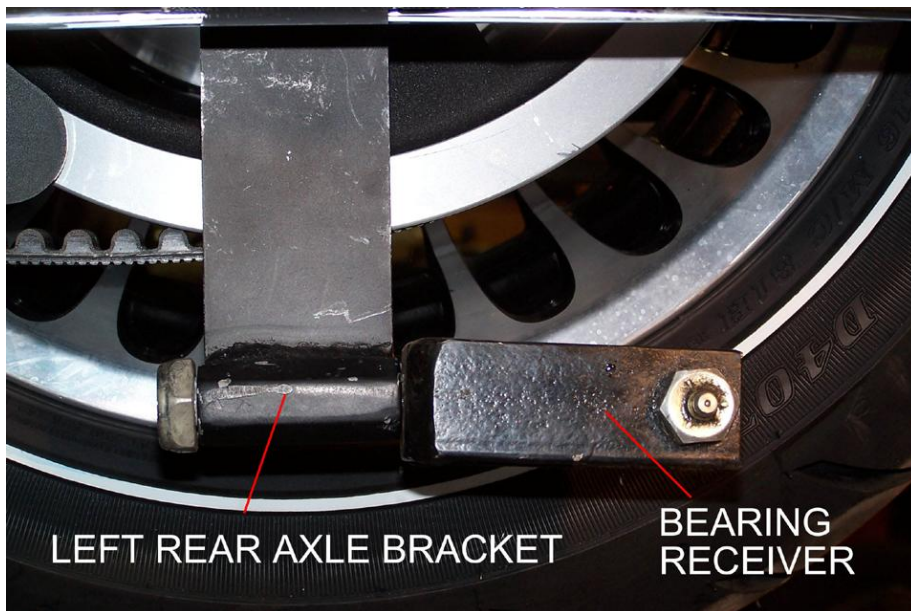
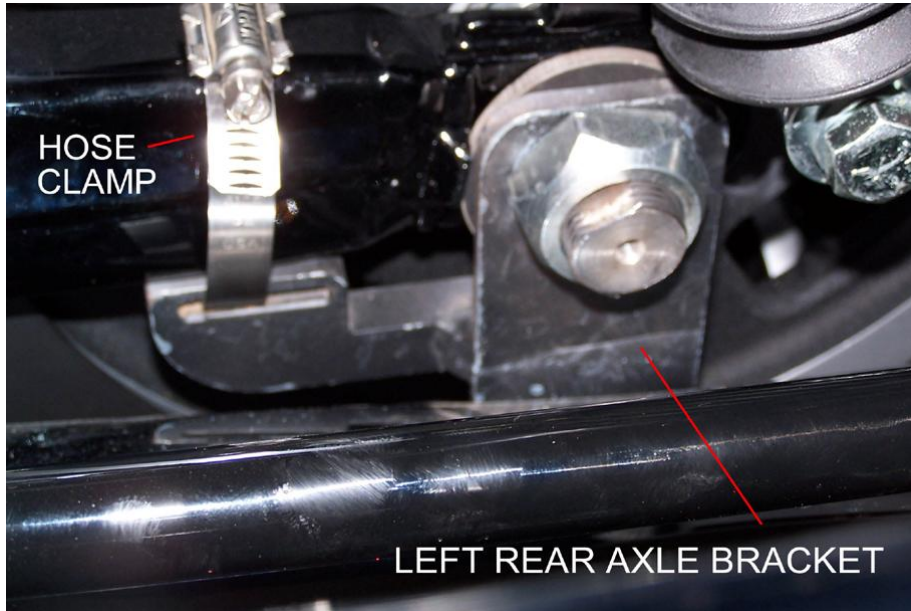
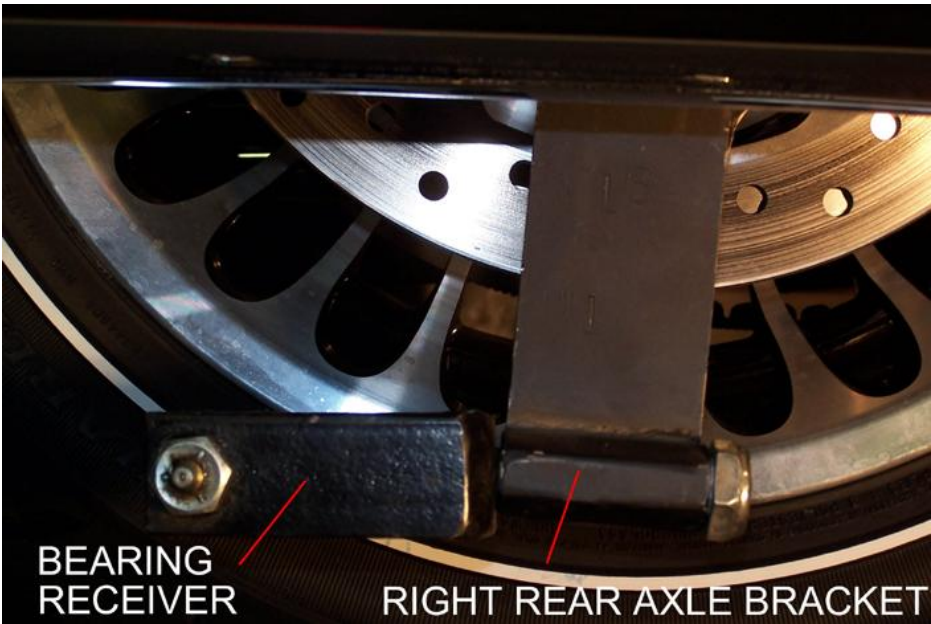
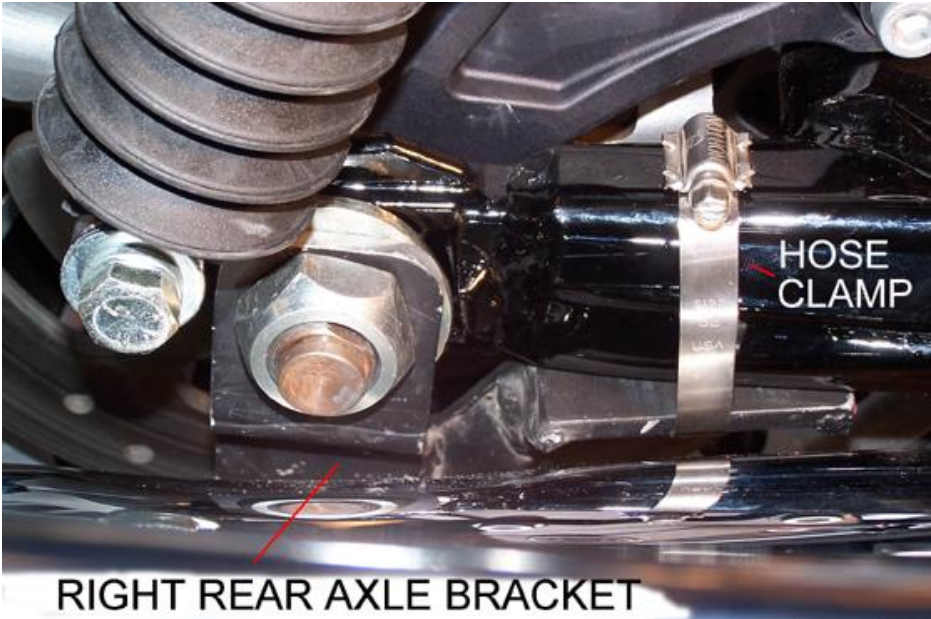


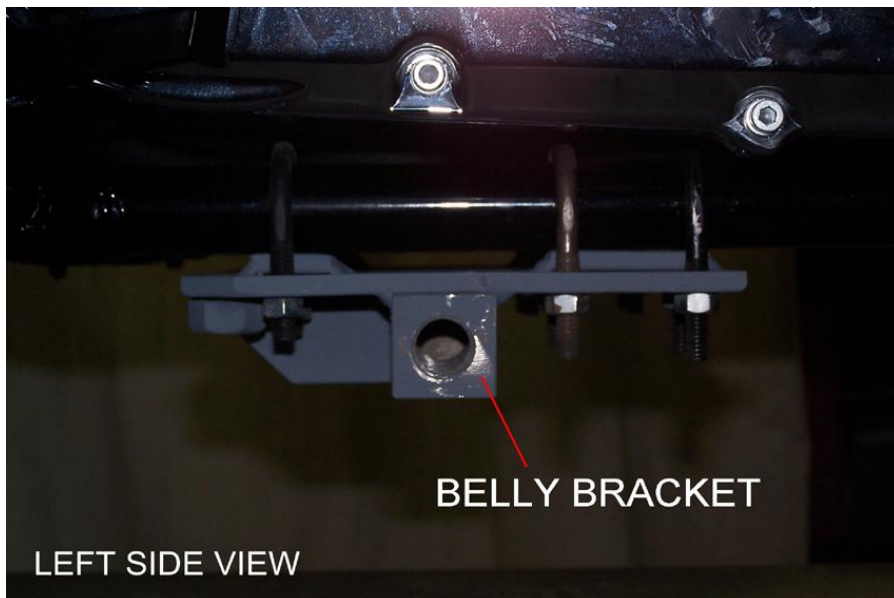
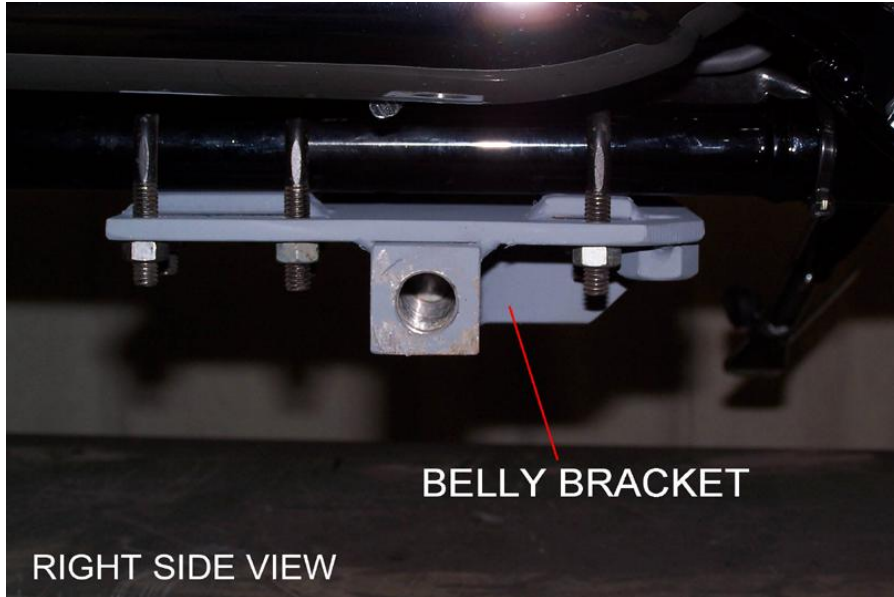
# HARLEY-DAVIDSON DRESSER 2009- LEFT REAR AXLE BRACKET INSTALLED



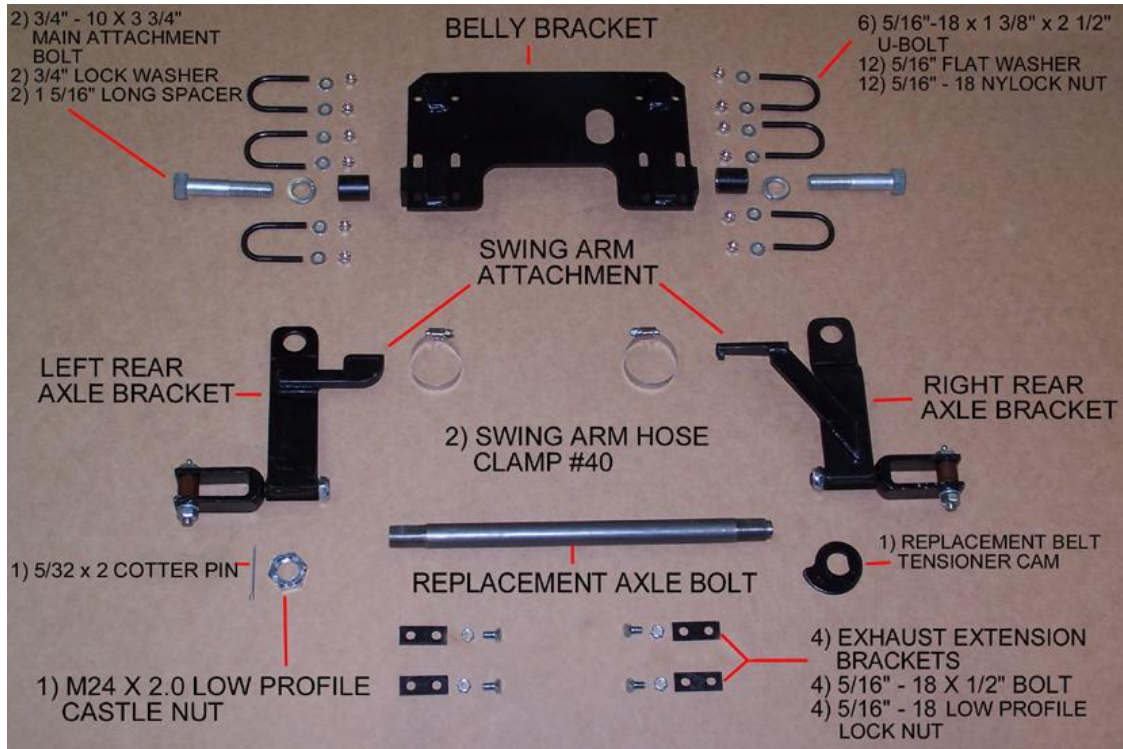
**HARLEY-DAVIDSON DRESSER 2009-  
RIGHT REAR AXLE BRACKET INSTALLED**



# HARLEY-DAVIDSON DRESSER 2009- BELLY BRACKET INSTALLED



# HARLEY-DAVIDSON DRESSER 2009- DESCRIPTION OF PARTS



One 1" shim and one 3" shim – 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. The shims will go on the front and back of one side of the belly bracket.

**Install the shims in-between belly bracket and motorcycle frame. The shims will go on top of belly bracket tabs.**

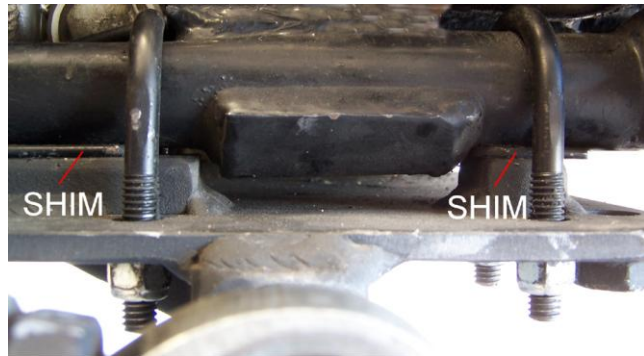


ILLUSTRATION OF SHIM PLACEMENT  
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF

### HARLEY-DAVIDSON DRESSER 2009-

### 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 frame (three on each side) and through the belly bracket.
- 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 around 32 ¾" to 34". When belly bracket is in correct position tighten all locking nuts.

#### B) Rear Axle Brackets

- 1) Remove E-clip and axle nut. Remove belt tensioner cam and save it. You will reuse it in step 4.
- 2) Remove axle bolt. **Note:** The belt tensioner cam is fixed to the head of the bolt. You will not use this cam.
- 3) **Note:** The replacement axle bolt does not have a head on it. Install axle bolt. E-clip end of axle bolt will be on the muffler side of motorcycle.

# SECTION 1 INSTALLATION OF HARLEY-DAVIDSON DRESSER 2009- MOUNTING HARDWARE

- 4) **Right Rear Axle Bracket** – Install belt tensioner cam that was saved when you removed factory axle nut in step 1.
- 5) Install right rear axle bracket, factory axle nut, and factory E-clip. (Do not tighten all the way) Attach swing arm attachment of right rear axle bracket to the swing arm of motorcycle with the swing arm hose clamp provided with kit.
- 6) **Left Rear Axle Bracket** – Install replacement belt tensioner cam provided with kit.
- 7) Install left rear axle bracket and M20 x 2.0 axle nut provided with kit. Attach swing arm attachment of left rear axle bracket to the swing arm of the motorcycle. Place swing arm hose clamp through the slot of the swing arm attachment of the left rear axle bracket and around the motorcycle swing arm.
- 8) At this time tighten both ends of axle bolt. (**Note:** You will have to drill a hole in the axle bolt for the cotter pin.)

## C) Belt Tension Adjustment

- 1) Loosen right side axle nut.
- 2) Loosen left and right side rear axle bracket's swing arm attachment hose clamps.
- 3) Rotate left axle nut to tighten belt.
- 4) Now tighten right side axle nut.
- 5) Tighten swing arm attachment hose clamp of left and right rear axle brackets.

**Exhaust 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.



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## **H-D DRESSER 2009-**

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**