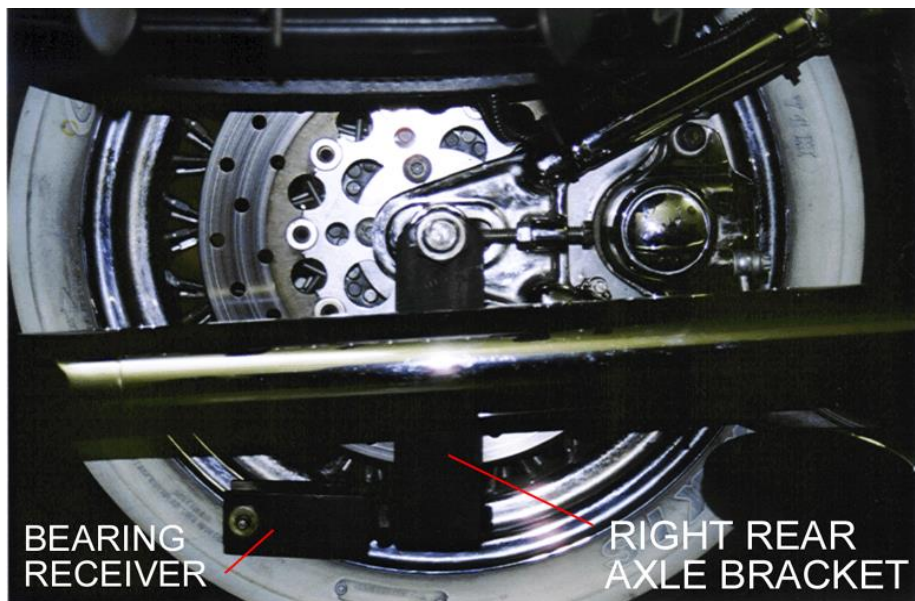
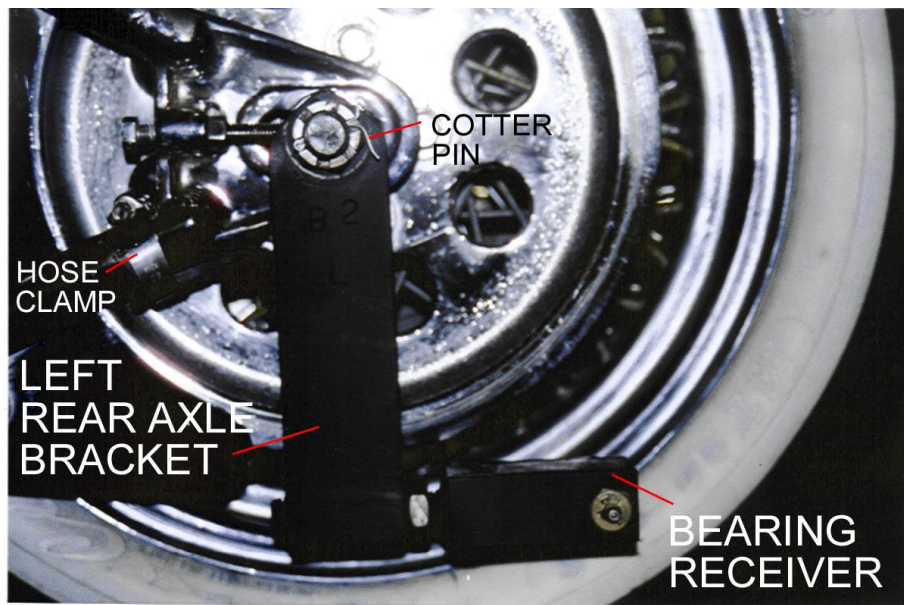
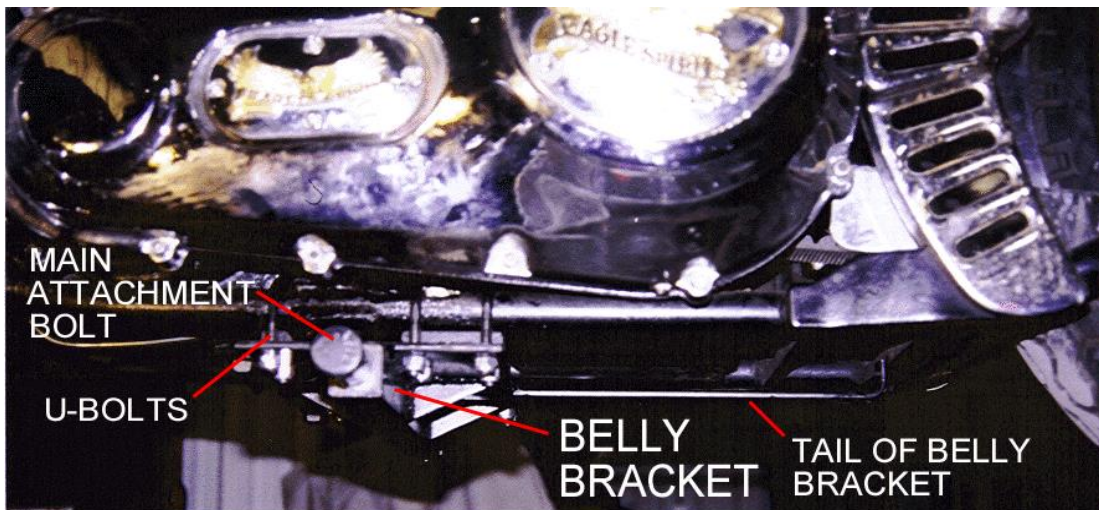
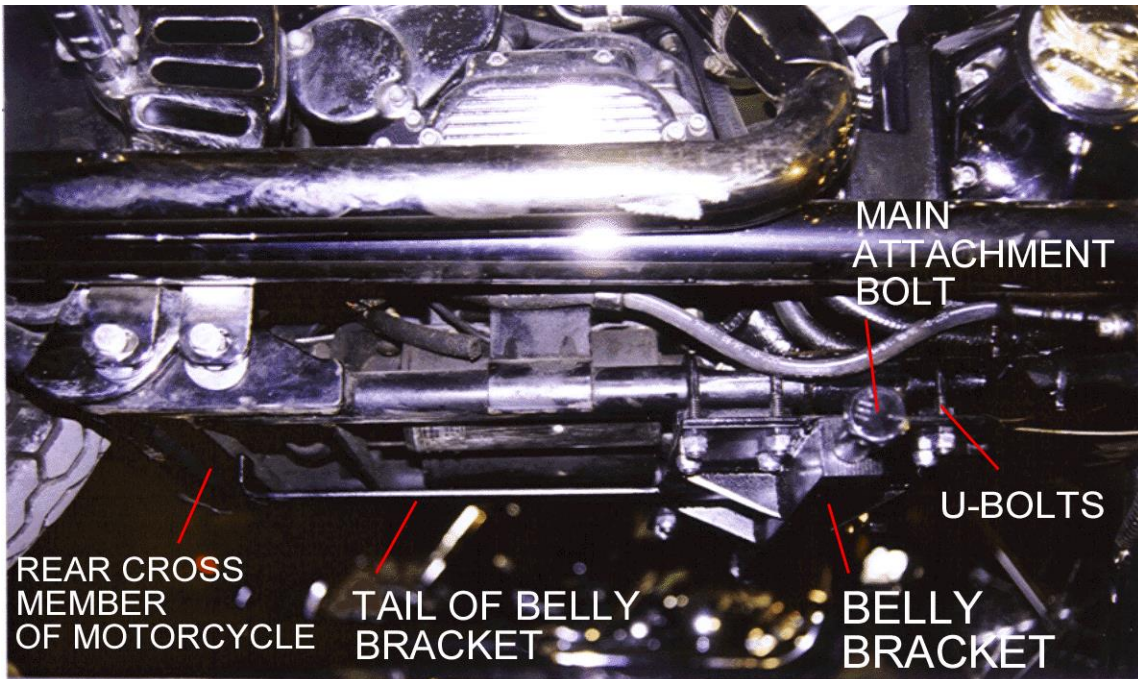


**H-D SOFTAIL / FAT BOY 1999 & EARLIER  
TWO (2) REAR AXLE  
BRACKETS INSTALLED**

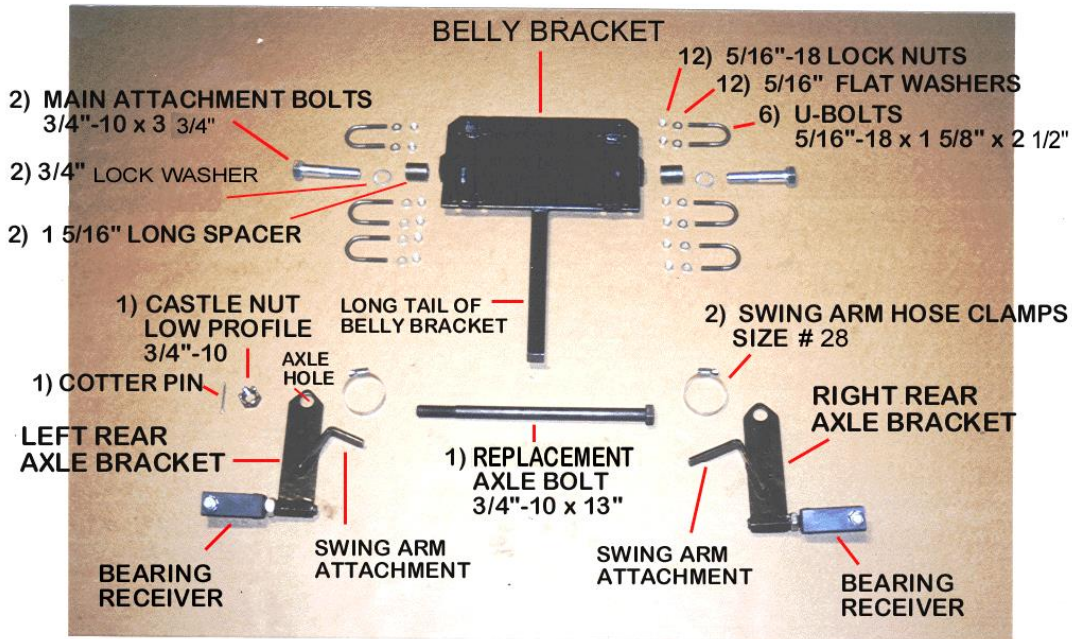


# H-D SOFTAIL / FAT BOY 1999 & EARLIER BELLY BRACKET INSTALLED



# H-D SOFTAIL/ FAT BOY 1999 & EARLIER

## DESCRIPTION OF PARTS



Two 1" 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. 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 the belly bracket tabs.**



ILLUSTRATION OF SHIM PLACEMENT  
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF

### H-D SOFTAIL / FAT BOY 1999 & EARLIER

### MOUNTING HARDWARE

Place motorcycle on a clean flat surface. Make sure to tie down motorcycle on both sides, so that motorcycle cannot tip over while installing 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) Front Belly Bracket**

- 1) Install belly bracket 10 1/4" tail against front of rear cross member.
- 2) Install six (6) u-bolts over frame (three (3) on each side) and through the belly bracket.
- 3) Install the twelve (12) locking nuts.

**You've lost 1 1/4" of clearance to the ground with the belly bracket on your motorcycle. Since most Softails are automatically lower to the ground, we recommend when you remove the Voyager Conversion Kit from your motorcycle and you drive as a two wheeler that you remove the belly bracket from your two wheel motorcycle. (Make sure that you mark the frame of your motorcycle where the belly bracket is so that the belly bracket will be put in the same original place.)**

#### **B) Two (2) Rear Axle Brackets**

- 1) Support rear swing arm assembly and remove the rear axle bolt.
- 2) Supplied in the kit is a new rear axle bolt. The hole for the cotter pin is not drilled in the bolt. Drill a hole after steps 3 & 4.
- 3) Place right rear axle bracket on the rear axle bolt provided with kit and slide that axle bolt into place on motorcycle.

**SECTION 1**  
**INSTALLATION OF**  
**H-D SOFTAIL / FAT BOY 1999 & EARLIER**  
**MOUNTING HARDWARE**

- 4) Place the left rear axle bracket on the axle bolt.
- 5) After the new axle is reinstalled and adjusted drill a hole in the bolt to accommodate the cotter pin.

NOTE: The swing arm attachment of our rear axle brackets should be touching the swing arm of your motorcycle. Clamp the swing arm attachment to the swing arm with the hose clamps provided.



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## **H-D SOFTAIL / FAT BOY 1999 & EARLIER**



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**

