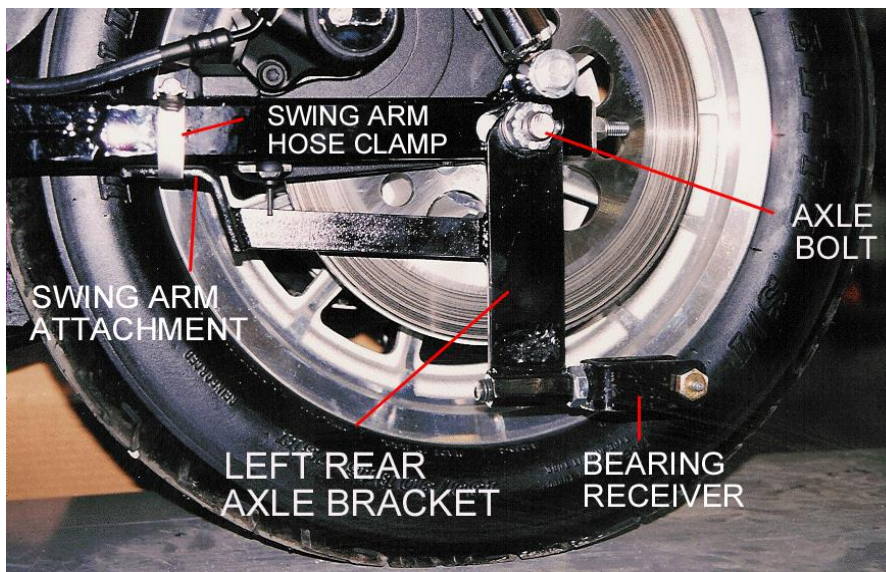
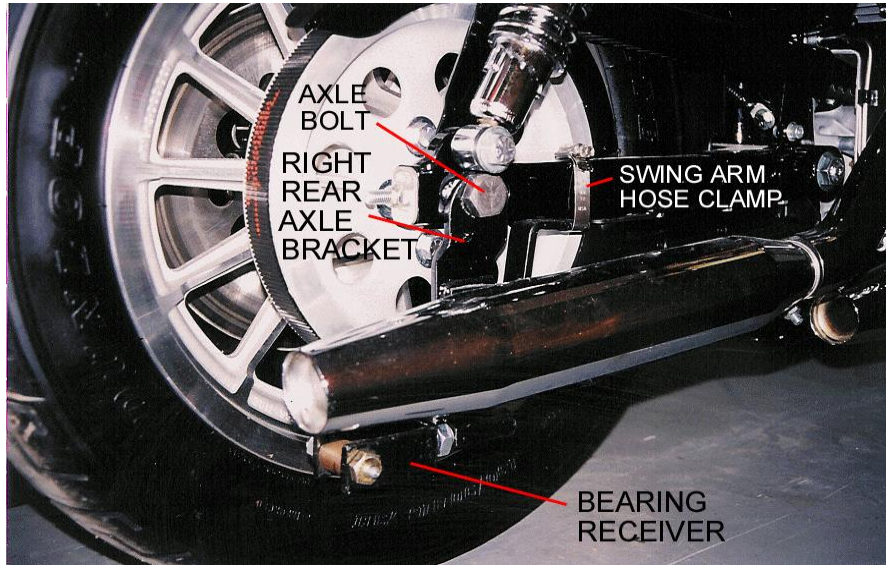
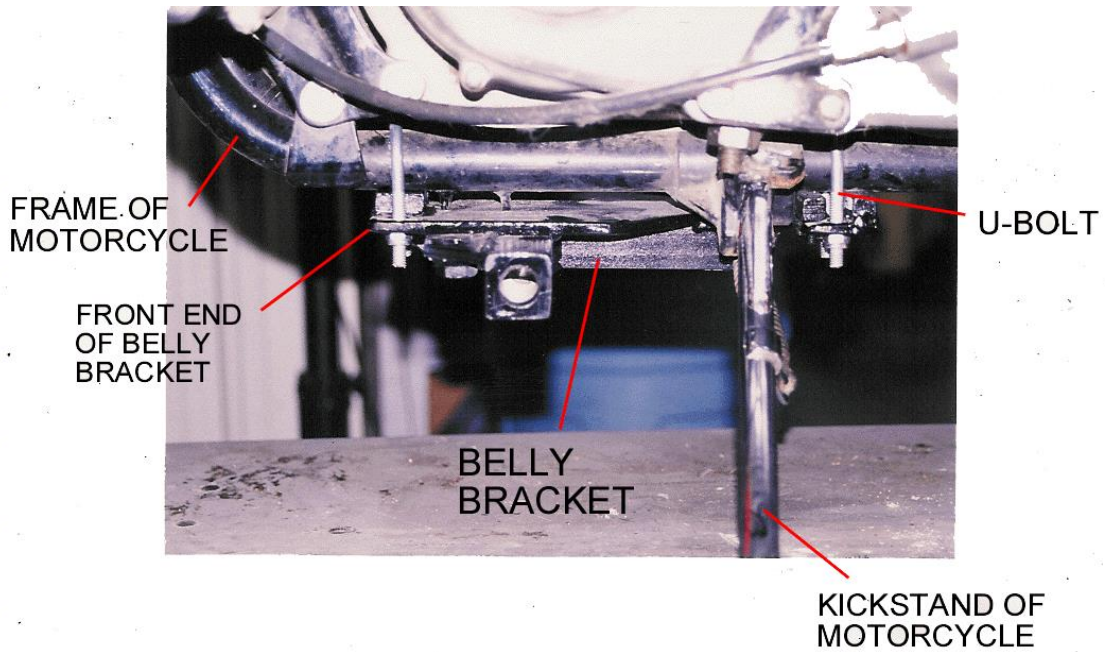


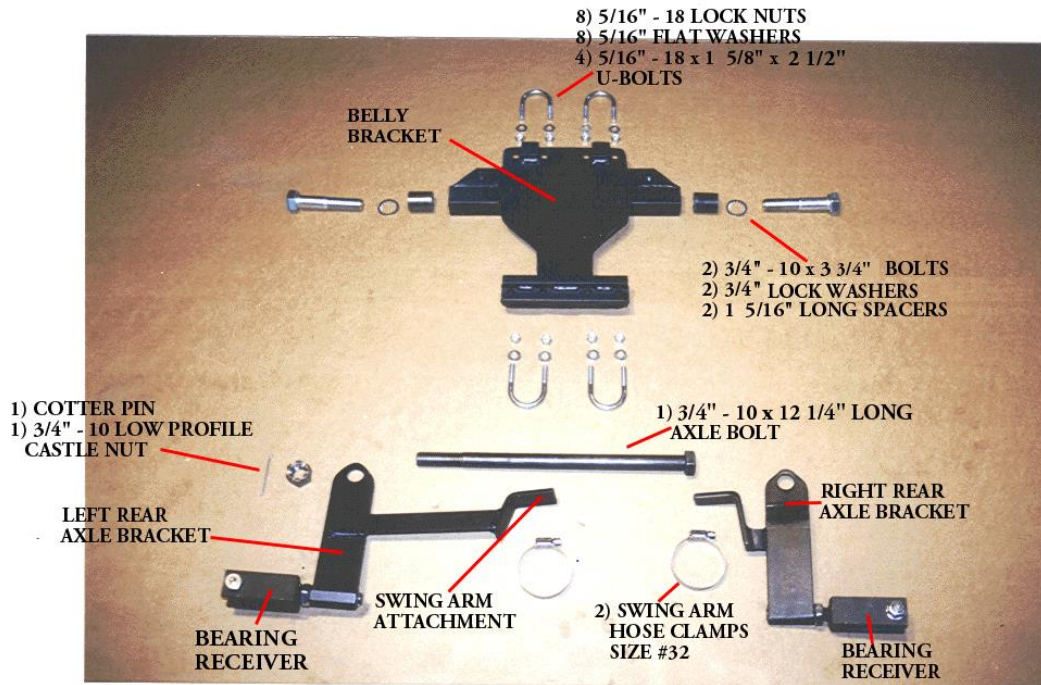
H-D SPORTSTER 883/1000/1200 (1979-2003) REAR AXLE BRACKETS INSTALLED



**H-D SPORTSTER 883/1000/1200 (1979-2003)
BELLY BRACKET INSTALLED**



H-D SPORTSTER 883/1000/1200 (1979-2003) DESCRIPTION OF PARTS



(2) 7/8" x 1 3/8" OD x 57/64" ID MACHINERY BUSHINGS FOR AXLE BOLT - NOT SHOWN IN PICTURE

One 1" shim and one 2" 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 front belly bracket tab and back bar of belly bracket.



ILLUSTRATION OF SHIM PLACEMENT
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

Section I

Installation of

H-D SPORTSTER 883/1000/1200 (1979-2003)

Mounting Hardware

Place motorcycle on a clean flat surface. Be 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) 2 Rear Axle Brackets

- 1) Place motorcycle on a clean flat surface and support in an upright position. (tie-downs are helpful)
- 2) Support rear swing arm assembly and remove rear axle bolt.
- 3) Place right rear axle bracket on rear axle bolt and slide bolt back on. (New axle bolt supplied with kit.)
- 4) Place the left rear axle bracket on axle bolt.
- 5) The swing arm attachment on our rear axle brackets should be touching the swing arm of the motorcycle. Clamp the swing arm attachment to the swing arm with the two hose clamps provided.
- 6) Install (2) 7/8" x 1 3/8" O.D. x 57/64" I.D. Machinery Bushings onto axle bolt and then install axle nut. (supplied with kit)
- 7) After the new axle is reinstalled and adjusted, drill a hole in the bolt to accommodate the cotter pin.(it would be easier to remove axle, when drilling the cotter pin hole). Hole should be between slots of the new low profile castle nut supplied with kit.

Section I

Installation of

H-D SPORTSTER 883/1000/1200 (1979-2003)

Mounting Hardware

B) Belly Bracket

- 1) Position the belly bracket so that the wide end is facing the front of frame.
- 2) Install (2) two U-bolts over frame (one on each side) and through the belly bracket. (wide end of belly bracket)
- 3) Install (4) four locking nuts, and flat washers
- 4) Rear of belly bracket has bar with two u-bolts that attach to frame.
- 5) Install four locking nuts and flat washers.

NOTE: Due to a light front end on some H-D Sportsters you may experience more front end shake. Motorcycle Tour Conversion, Inc. recommends wider handle bars (buckhorn style) and a steering damper or stabilizer.



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H-D SPORTSTER 883/1000/1200 (1979-2003)



**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**

