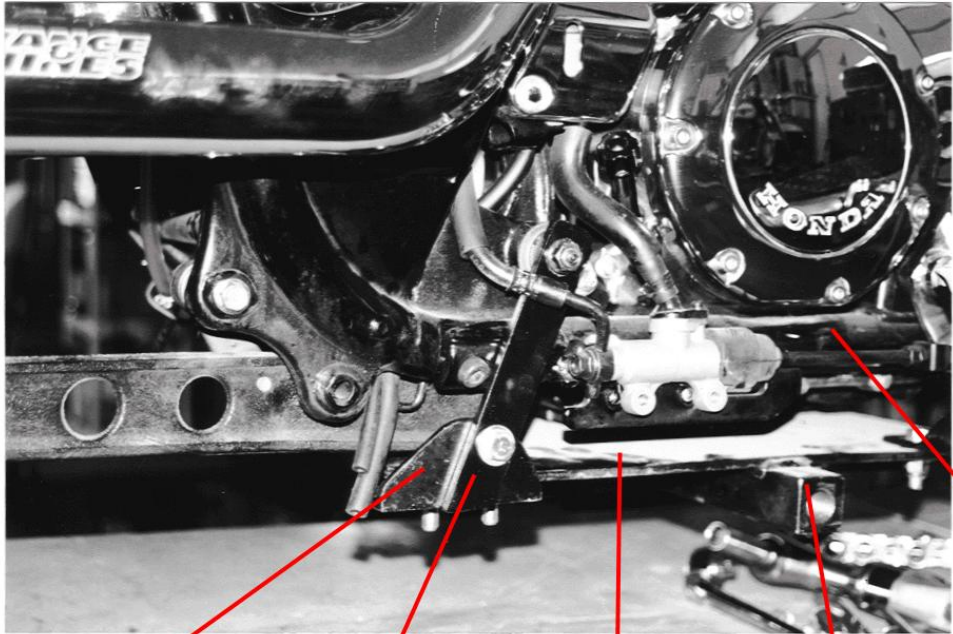


**PICTURE OF  
HONDA SHADOW ACE 1100  
HONDA SHADOW AERO 1100  
EXTENSION ATTACHMENT ARM INSTALLED**



**BELLY BRACKET  
ATTACHMENT**

**EXTENSION  
ATTACHMENT  
ARM**

**BELLY  
BRACKET**

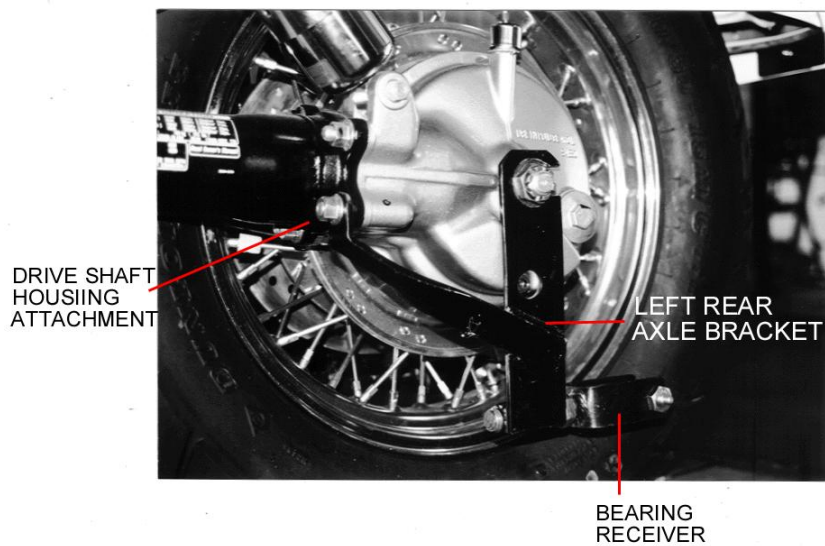
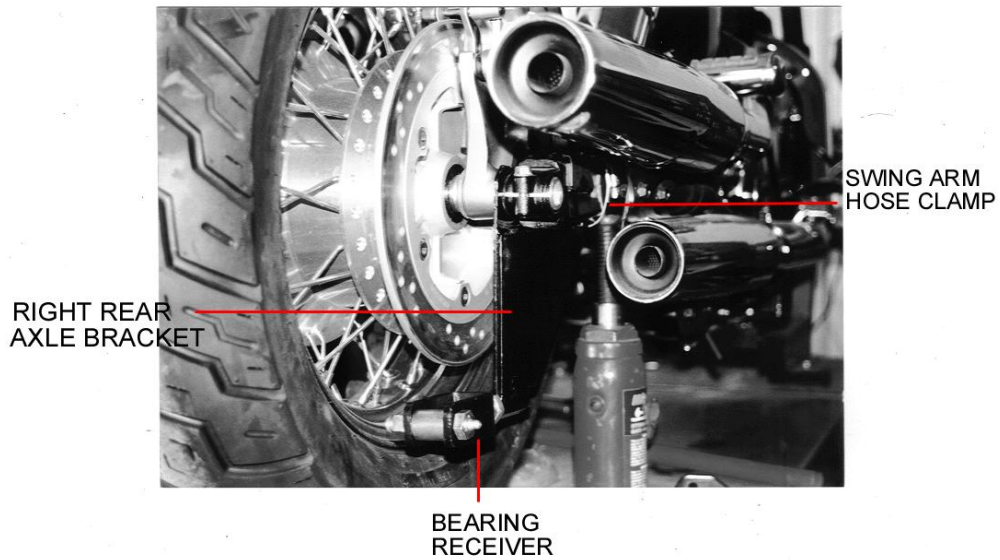
**MAIN SHAFT  
OF BELLY  
BRACKET**

**FRAME OF  
MOTORCYCLE**

**Use of the extension attachment arm may be required on some motorcycles.**

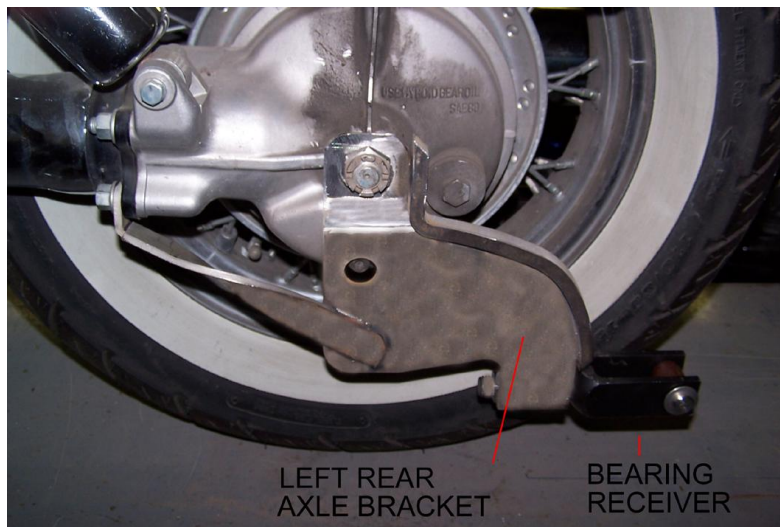
# HONDA SHADOW ACE 1100 HONDA SHADOW AERO 1100 REAR AXLE BRACKETS INSTALLED

(Pictures of Rear Axle Brackets are on a Honda Shadow Ace 1100)

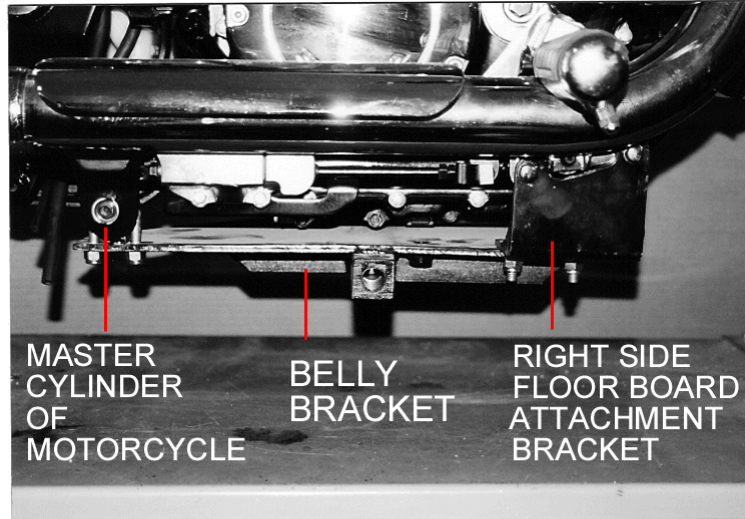


# HONDA SHADOW ACE 1100 HONDA SHADOW AERO 1100 REAR AXLE BRACKETS INSTALLED

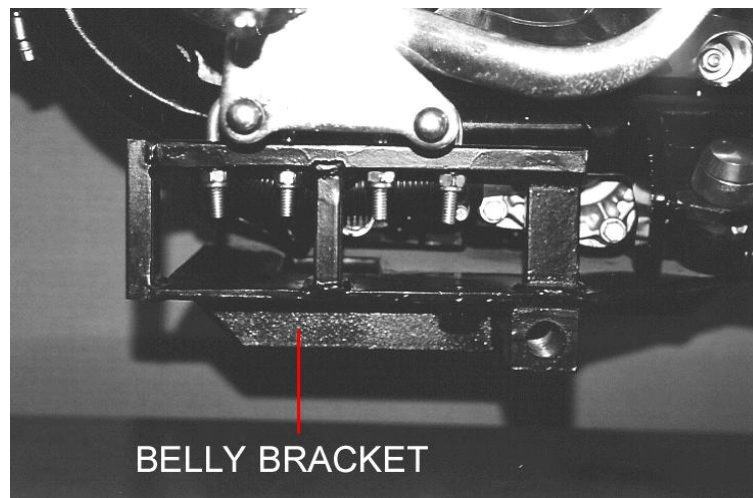
(Pictures of Rear Axle Brackets are on a Honda Shadow Aero 1100)



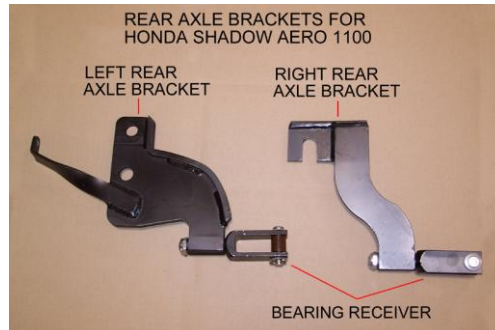
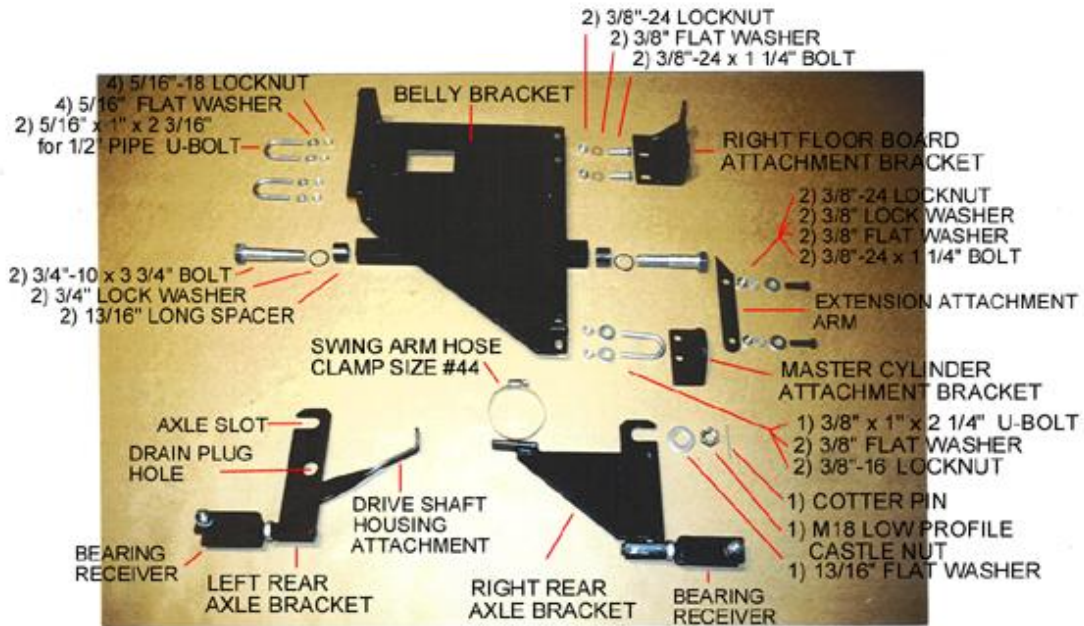
**HONDA SHADOW ACE 1100  
HONDA SHADOW AERO 1100  
BELLY BRACKET INSTALLED**



NOTE:  
MASTER CYLINDER ATTACHMENT  
MAY OR MAY NOT BE USED. IT DEPENDS  
ON WHICH MASTER CYLINDER  
IS INSTALLED ON THE SHADOW 1100



# HONDA SHADOW ACE 1100 AND HONDA SHADOW AERO 1100 DESCRIPTION OF PARTS



Four 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.

**Right side only** - install shims in-between belly bracket and right floor board attachment bracket; and the master cylinder attachment bracket and belly bracket.

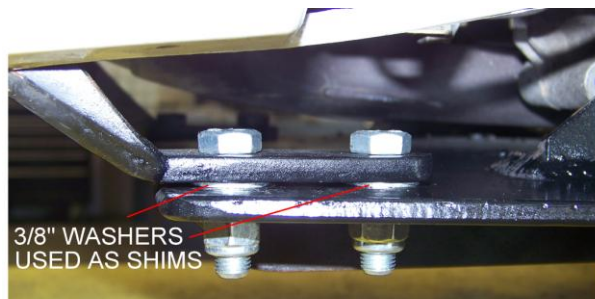


ILLUSTRATION OF SHIM PLACEMENT  
BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF HONDA SHADOW 1100 ACE AND HONDA SHADOW AERO 1100 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.**

Locate and lay out all parts from your Voyager hardware kit.

**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) Rear Axle Brackets

- 1) Right Rear Axle Bracket: Remove axle nut on left side.
- 2) Loosen pinch bolt on right side.
- 3) Install right rear axle bracket in between brake caliper spacer and swing arm of motorcycle.
- 4) Tighten pinch bolt.
- 5) Left Rear Axle Bracket: Remove lower outside drive shaft housing nut and install left rear axle bracket and drive shaft housing attachment to drive shaft housing and axle.
- 6) Replace and tighten both axle nut and drive shaft nut at this time. After the axle is in and the low profile castle nut is tightened, you will need to drill a hole in the axle bolt. Hole placement is in between slot on low profile castle nut. Once drilled, insert cotter pin.

**SECTION 1**  
**INSTALLATION OF HONDA SHADOW 1100 ACE**  
**AND HONDA SHADOW AERO 1100**  
**MOUNTING HARDWARE**

**B) Front Belly Bracket**

- 1) Attach left front of belly bracket around left floor board bracket using the (2) 5/16"x 1" x 2 3/16" U-bolts and 5/16"- 18 washers and lock nuts provided. (Do Not tighten at this time.)
- 2) Attach right side floor board attachment bracket to right side floor board of motorcycle, by removing the two mounting bolts ( one bolt at a time ). Next attach the belly bracket to right side floor board attachment bracket using bolts provided with the kit. (Do Not tighten at this time)
- 3) Remove the nuts from the inside of the master cylinder and locate (1) 3/8" x 1" x 2 1/4" U-bolt provided around the bar on the motorcycle then place the master cylinder attachment bracket through the U- bolt and twist the master cylinder bracket into place on the master cylinder retaining bolt. Then replace and tighten the nut and U bolt. (If no master cylinder on motorcycle then use extension attachment arm to secure right rear side of belly bracket) Bolt extension arm to master cylinder attachment bracket and the rear engine mount on the motorcycle. (u-bolt that would go over bar would be used to attach master cylinder attachment bracket to belly bracket)
- 4) Now tighten all the remaining nuts and U-bolts.



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## **HONDA SHADOW ACE 1100 & HONDA SHADOW AERO 1100**

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**



