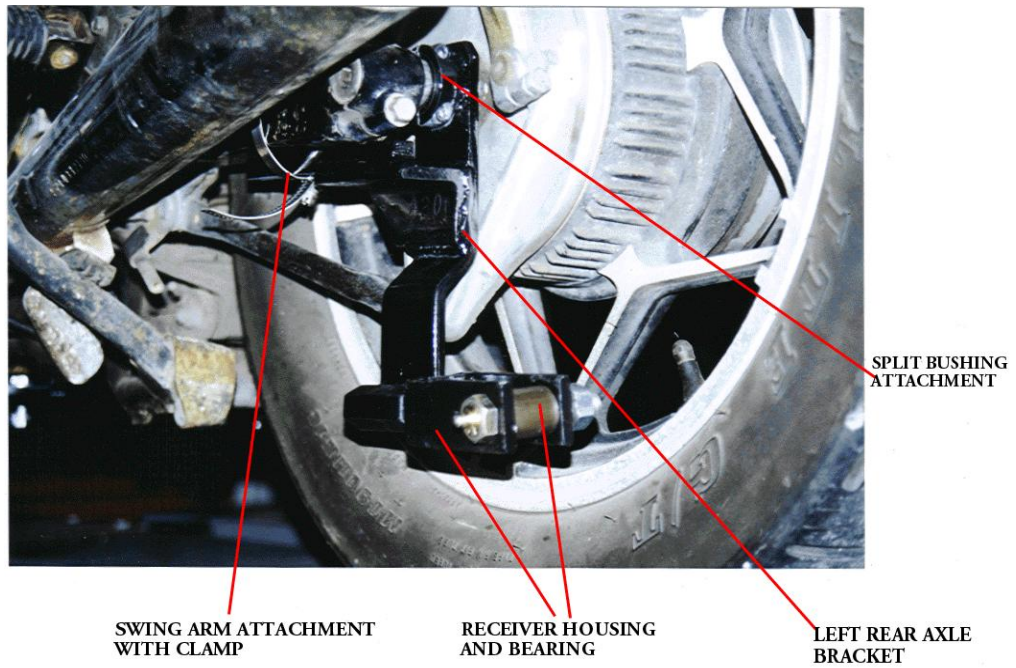
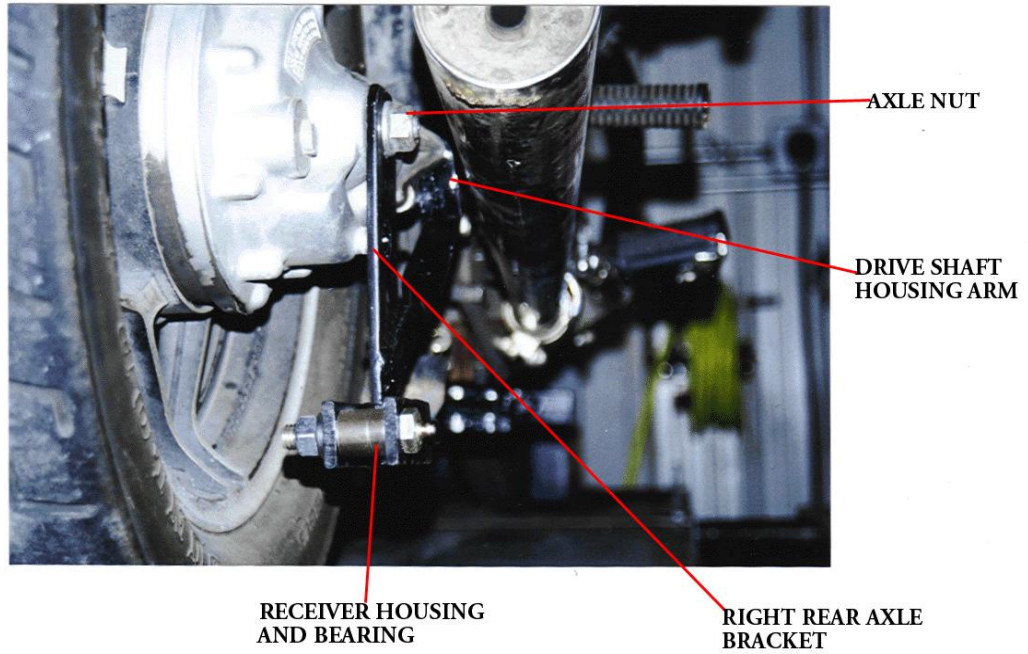
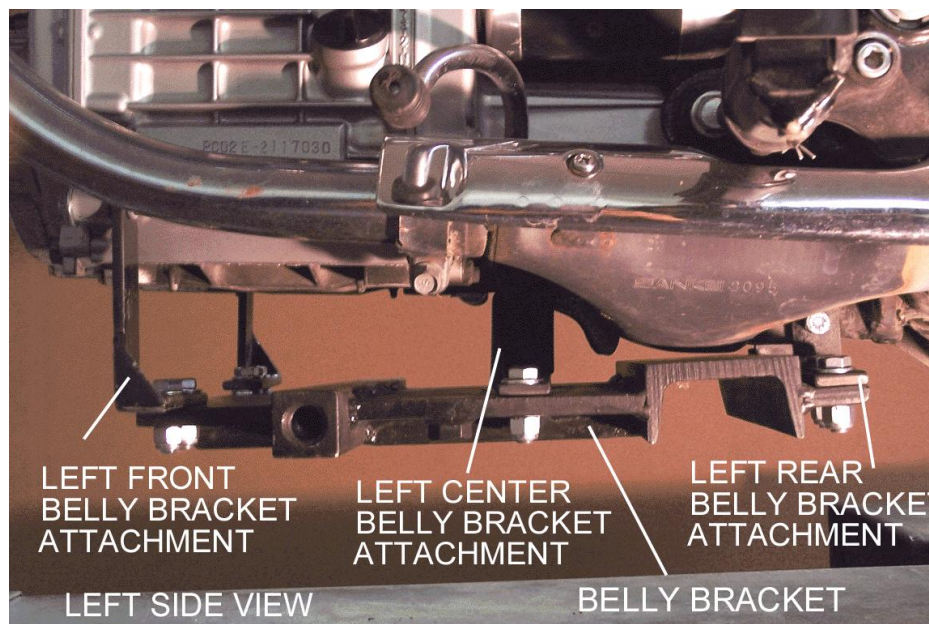
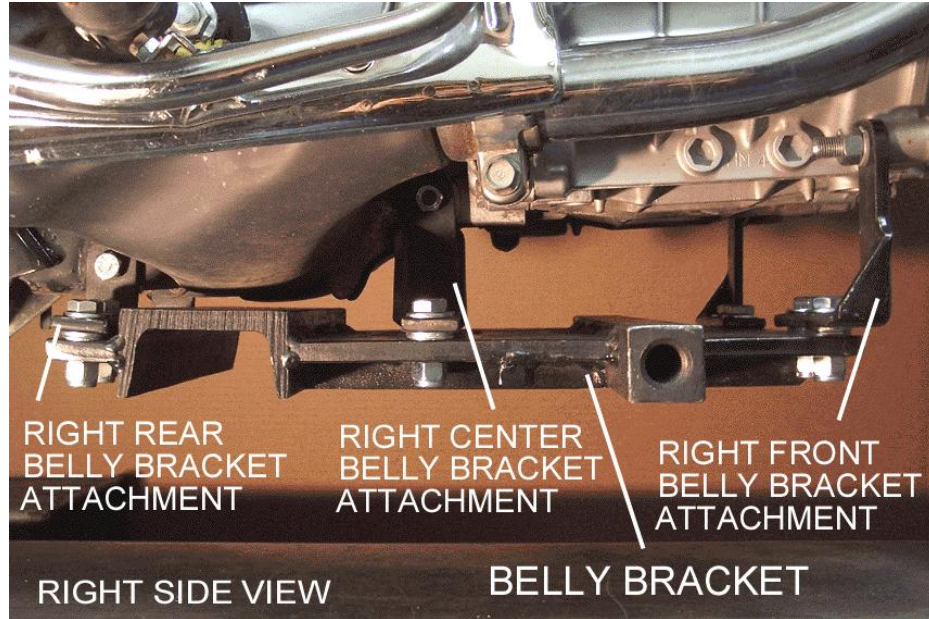


# HONDA SILVERWING GL 500 & 650 REAR AXLE BRACKETS INSTALLED

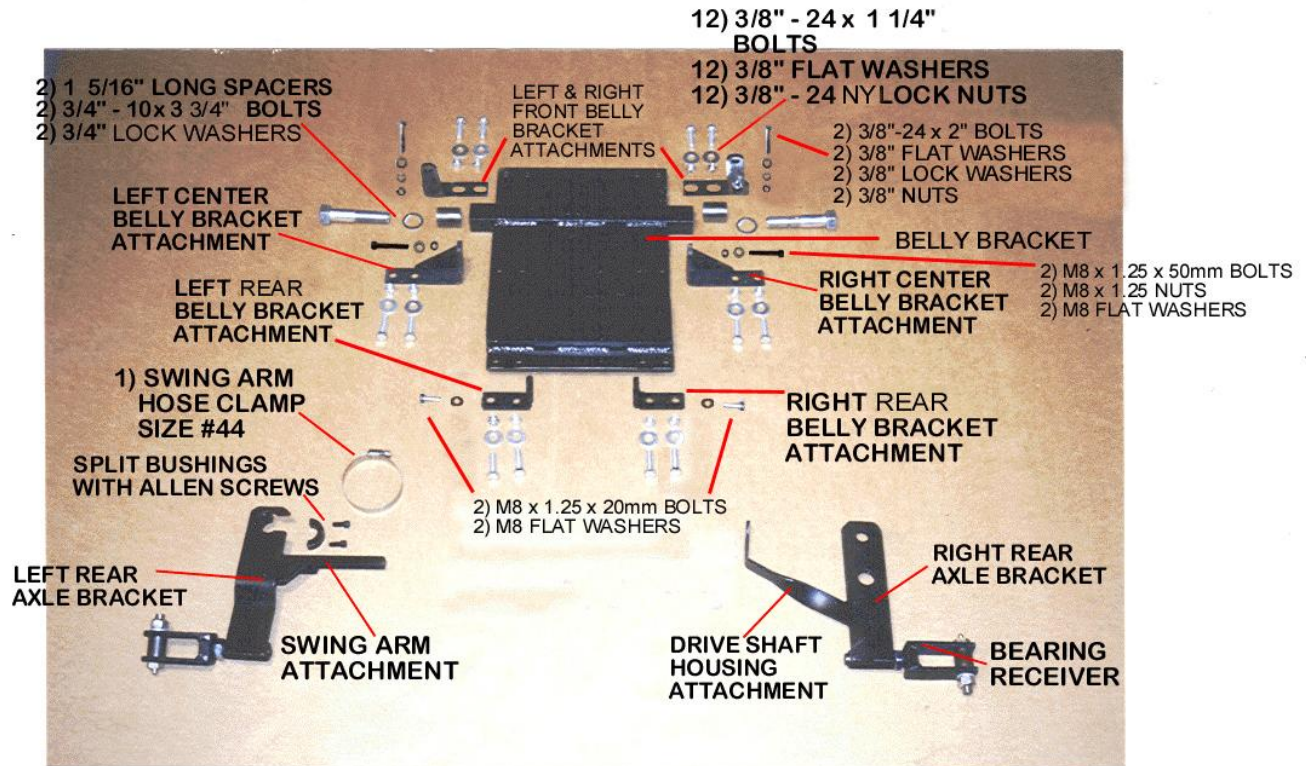


# HONDA SILVERWING GL 500 & 650 BELLY BRACKET INSTALLED



# HONDA SILVERWING GL 500 & 650

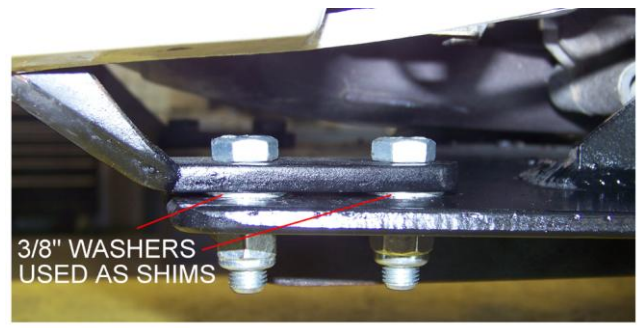
## DESCRIPTION OF PARTS



Six 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. 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.

**Place shims in-between front belly bracket attachment & belly bracket; center belly bracket attachment & belly bracket; rear belly bracket attachment & belly bracket**



**ILLUSTRATION OF SHIM PLACEMENT**  
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF HONDA SILVERWING GL 500 & 650 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 ATTACHMENTS

Brackets are marked LF and RF.

- 1) Bolt to the front of motorcycle engine tabs with holes. Install using 1) 3/8"-24 x 2" bolt, 1) 3/8" flat washer, 1) 3/8" lock washer, and 1) 3/8" nut on each side.

### B) CENTER BELLY BRACKET ATTACHMENTS

Center belly bracket attachments are marked LC & RC. They attach to the rear engine mount and also the front exhaust mount.

- 1) Remove factory bolt and nut.
- 2) Put center belly bracket attachments on by facing the center belly bracket attachment holes outward on each side.
- 3) Attach using 1) M8 x 1.25 x 50mm bolt, 1) M8 x 1.25 nut, and 1) M8 flat washer on each side. (provided with kit)
- 4) Do Not Tighten At This Time.

### C) REAR BELLY BRACKET ATTACHMENTS

Rear Belly Bracket Attachments are marked LR & RR. They bolt to the rear exhaust mounts.

- 1) Remove the bolts on each side of rear exhaust mounts.

# SECTION 1

## INSTALLATION OF HONDA SILVERWING GL 500 & 650 MOUNTING HARDWARE

- 2) Put the brackets on using 1) M8 x 1.25 x 20mm bolt, and 1) M8 flat washer on each side. (provided with kit)
- 3) Face the belly bracket holes outward on each side.
- 4) Do Not Tighten At This Time.
- 5) Attach the **Belly Bracket** to the front, center, and rear belly bracket attachments using 12) 3/8"-24 x 1 1/4" bolts, 12) 3/8" flat washers, and 12) 3/8"-24 nylock nuts. (provided with this kit)
- 6) Tighten all bolts and nuts at this time.

### D) REAR AXLE BRACKETS

#### RIGHT REAR AXLE BRACKET

- 1) Remove axle nut and upper right side drive shaft housing nut.
- 2) Place drive shaft housing attachment over drive shaft housing bolt.
- 3) Slide right rear axle bracket over axle shaft.
- 4) Replace axle nut and tighten.
- 5) Tighten drive shaft housing nut.

#### LEFT REAR AXLE BRACKET

- 1) Slide left rear axle bracket over axle. Make sure axle bracket is touching left side of the end of swing arm.
- 2) Attach split bushing to front of axle and bearing bracket using (2) Allen screws.  
DO NOT TIGHTEN at this time.
- 3) The swing arm attachment and swing arm of motorcycle should be touching at this point. Once both are touching, install swing arm hose clamp over both swing arm and swing arm attachment, and tighten clamp.
- 4) Tighten Allen Screws at this time.



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## **HONDA SILVERWING GL500 & GL650**

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**