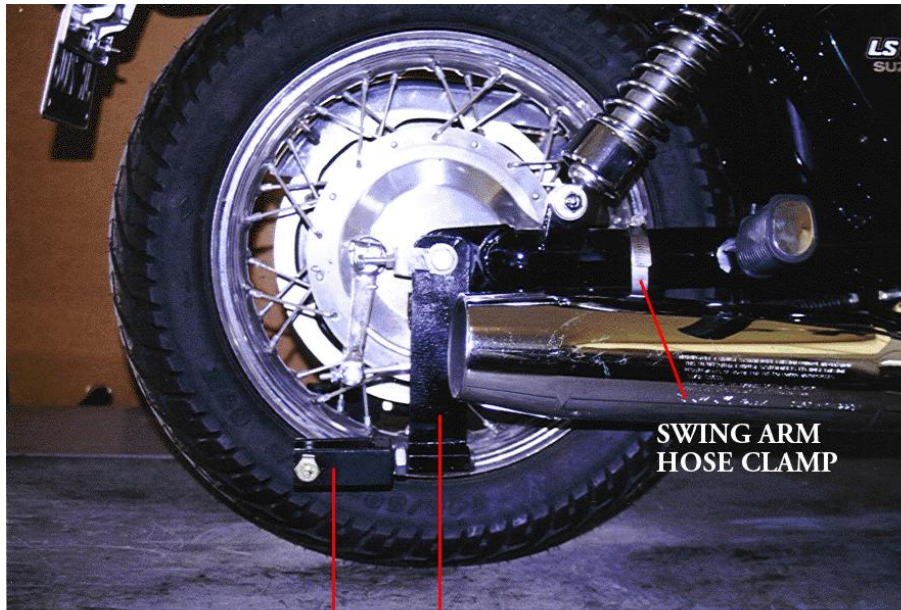


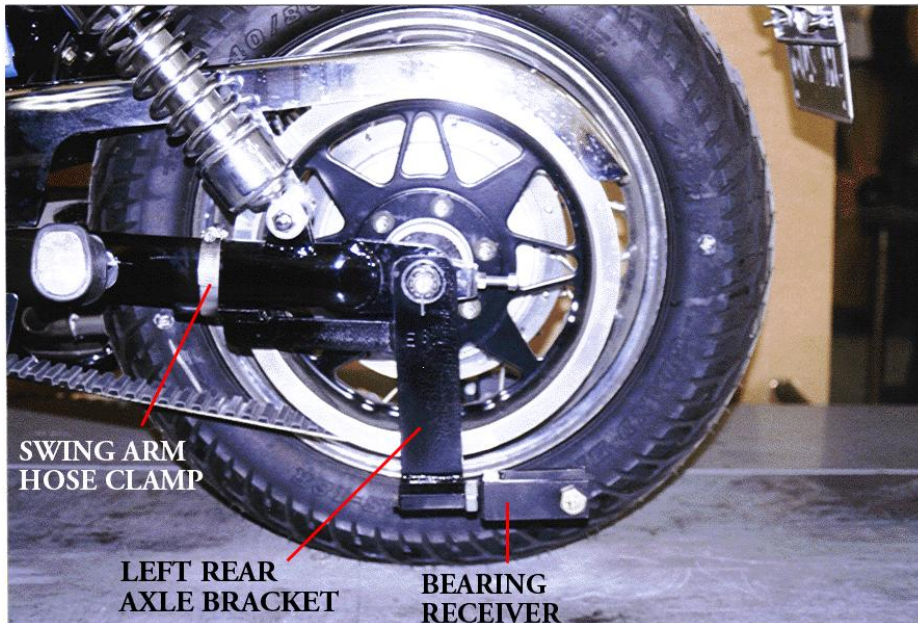
# SUZUKI SAVAGE 650 & BOULEVARD S40 REAR AXLE BRACKETS INSTALLED



SWING ARM  
HOSE CLAMP

BEARING  
RECEIVER

RIGHT REAR  
AXLE BRACKET

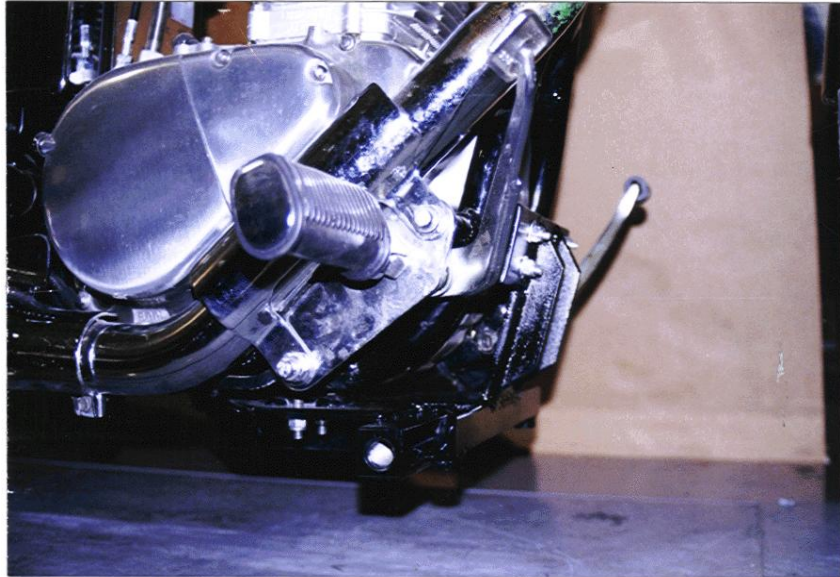


SWING ARM  
HOSE CLAMP

LEFT REAR  
AXLE BRACKET

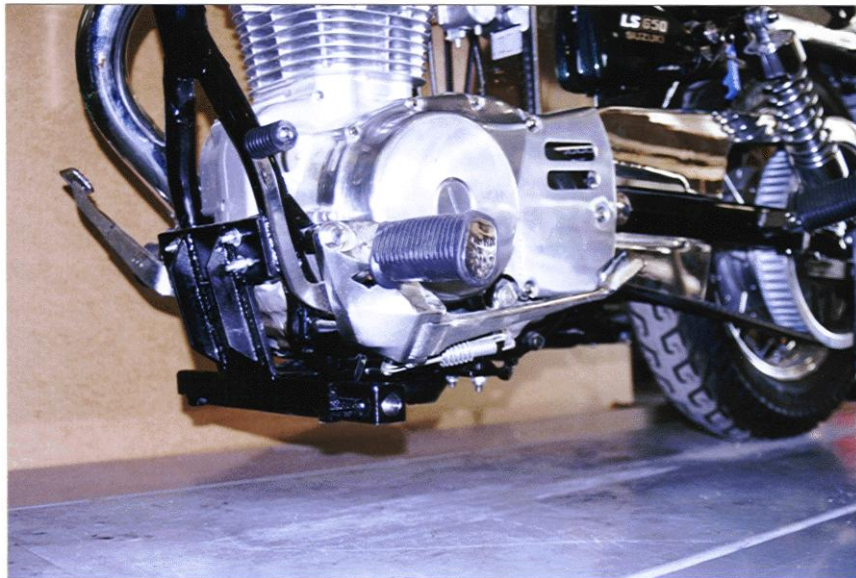
BEARING  
RECEIVER

**SUZUKI SAVAGE 650 & BOULEVARD S40  
BELLY BRACKET INSTALLED**



**RIGHT SIDE VIEW BELLY BRACKET**

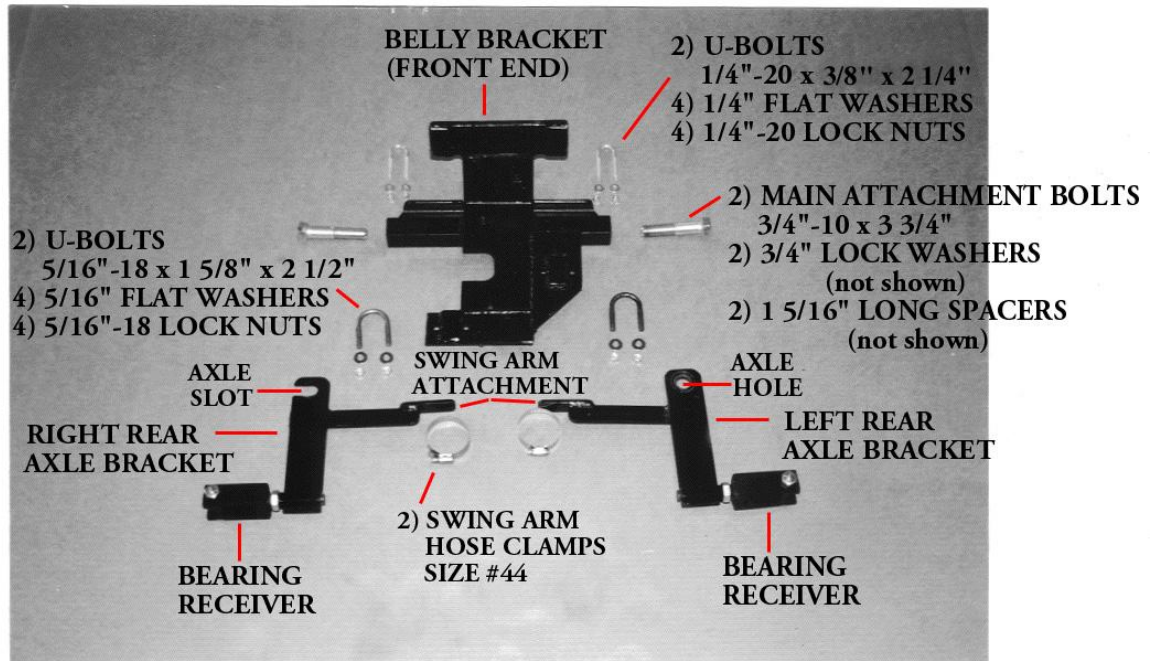
**LEFT FRONT VIEW OF BELLY BRACKET**





# SUZUKI SAVAGE 650 & BOULEVARD S40

## DESCRIPTION OF PARTS



(NOT SHOWN IN PICTURE - 16m x 1.5 LOW PROFILE AXLE NUT)

One 2" shim – not shown in picture above.  
 You may or may not have to use the shim. See note below.

After installing the mounting hardware and attaching the Voyager frame to the belly bracket you may need a shim to make the motorcycle stand straight up and down. The shim will go on the right one side of the belly bracket.

**Right Side Only**  
 Place the shim in-between  
 the rear belly bracket tab  
 and the motorcycle frame.

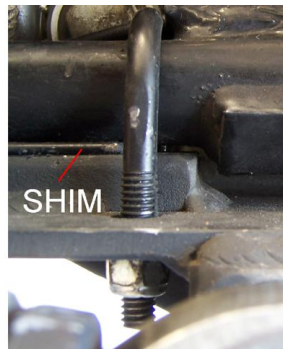


ILLUSTRATION OF SHIM PLACEMENT  
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF

### SUZUKI SAVAGE 650 & BOULEVARD S40

### MOUNTING HARDWARE

Place motorcycle on a clean flat surface. Motorcycle should be tied down 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) Hang (2) 1/4"-20 x 3/8" x 2 1/4" U-bolts over the front motor mount.
- 2) Hang (1) 5/16"-18 x 1 5/8" x 2 1/2" U-bolt over the frame on the left side just below the shifter linkage.
- 3) Hang (1) 5/16"-18 x 1 5/8" x 2 1/2" U-bolt over the frame on the right side just behind the lower motor mount.
- 4) Raise the belly bracket up to the frame and attach to the 5/16"-18 x 1 5/8" x 2 1/2" U-bolts using the 5/16" flat washers and the 5/16-18 lock nuts.
- 5) Install the 1/4"-20 x 3/8" x 2 1/4" U-bolts through the belly bracket and attach using the 1/4" flat washers and 1/4"-20 lock nuts.
- 6) Tighten all the U-bolts at this time.

# **SECTION 1**

## **INSTALLATION OF**

### **SUZUKI SAVAGE 650 & BOULEVARD S40**

#### **MOUNTING HARDWARE**

#### **B) REAR AXLE BRACKETS**

- 1) Remove the axle retaining nut.
- 2) Tap the axle out approximately 1/4".
- 3) Slide the right rear axle bracket onto the axle and tap axle bolt back into place.
- 4) Using the hose clamp, clamp the swing arm attachment of the axle bracket to the bottom of the swing arm. Make sure the bracket is fully seated on the axle.
- 5) Hang the left rear axle bracket on the axle.
- 6) Using the low profile axle nut provided with this kit, tighten the axle, and torque to 65 ft. lbs.
- 7) Clamp the swing arm attachment of the axle bracket to the bottom of the swing arm using the hose clamps provided.



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## **SUZUKI SAVAGE 650 & BOULEVARD S40**

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**