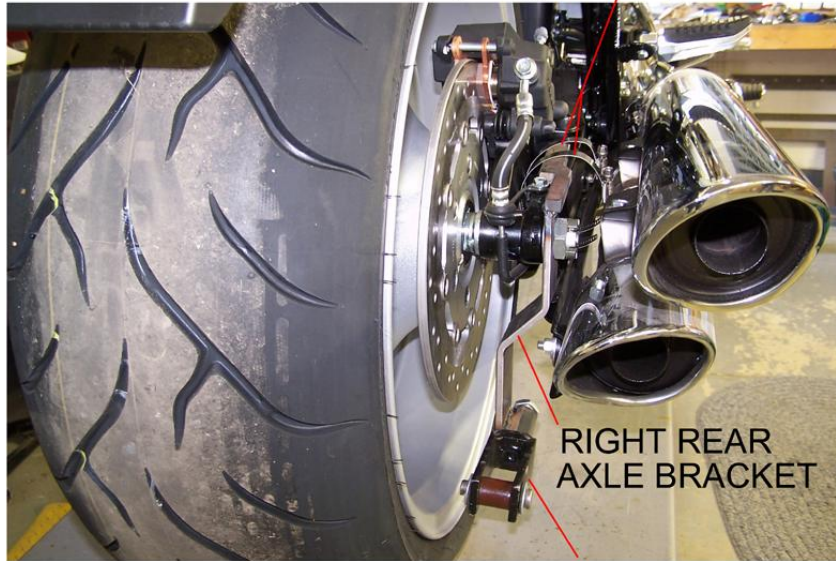


# SUZUKI BOULEVARD M109R & SUZUKI BOULEVARD M90 REAR AXLE BRACKETS INSTALLED

2) HOSE CLAMPS  
(not tightened in picture)



PICTURE THREE

BEARING RECEIVER

2) HOSE CLAMPS  
(not tightened in picture)

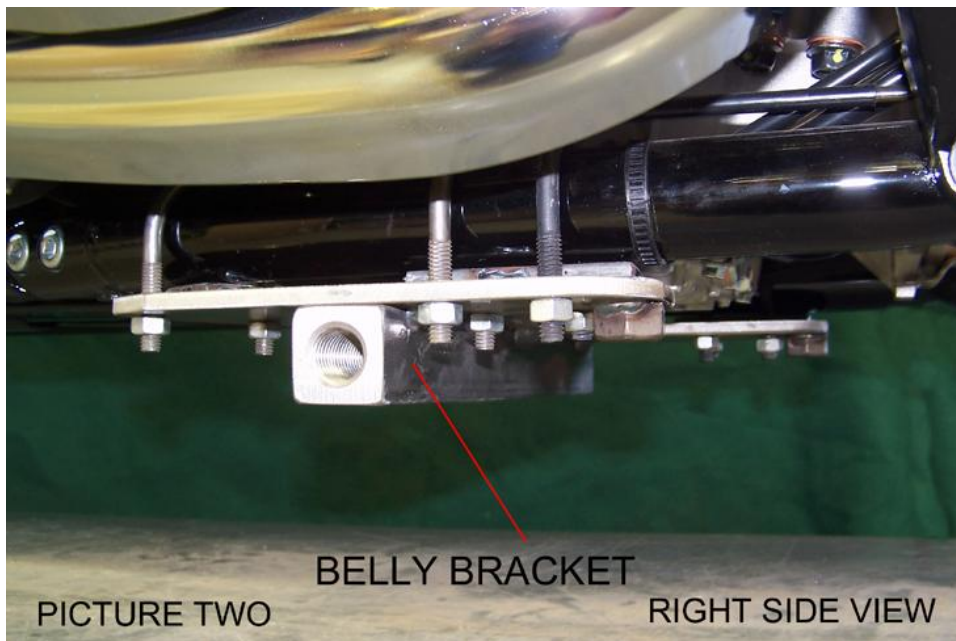
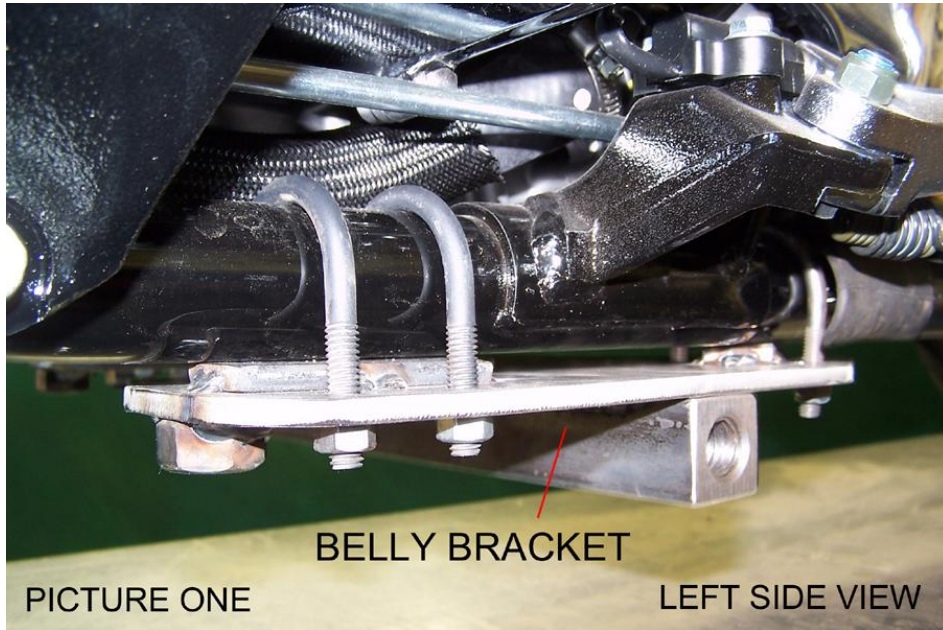


PICTURE FOUR

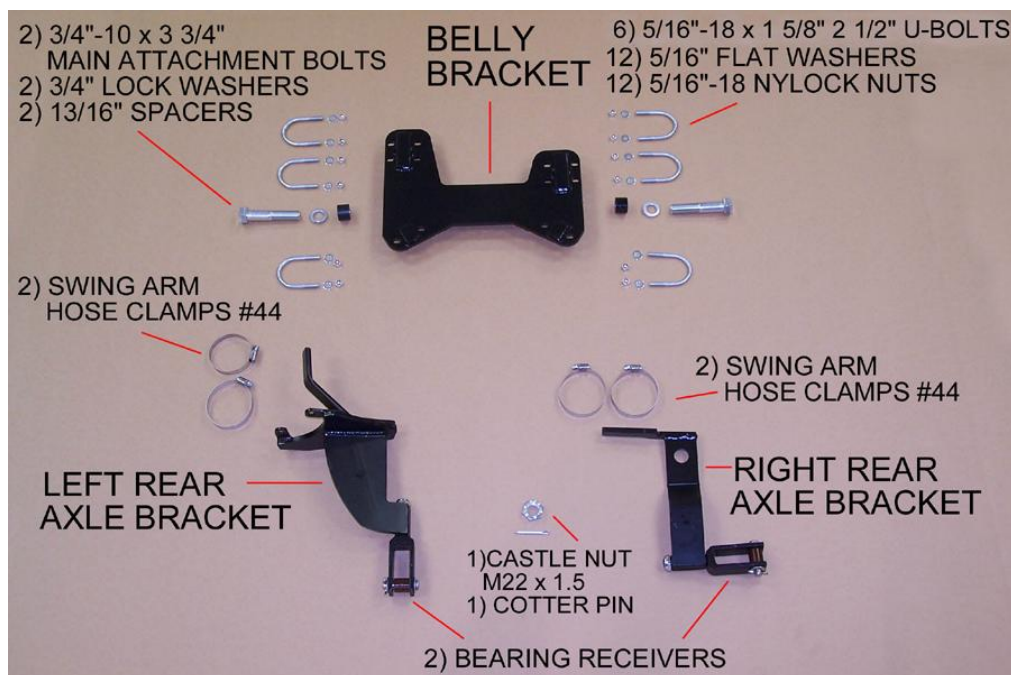
LEFT REAR  
AXLE BRACKET

BEARING  
RECEIVER

**SUZUKI BOULEVARD M109R &  
SUZUKI BOULEVARD M90  
BELLY BRACKET INSTALLED**



# SUZUKI BOULEVARD M109R & SUZUKI BOULEVARD M90 DESCRIPTION OF PARTS



One 1 1/2" shim and one 3" 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 one side of the belly bracket.

**Install the shims in-between belly bracket tabs and motorcycle frame.**



ILLUSTRATION OF SHIM PLACEMENT  
 BRACKET PICTURED MAY NOT MATCH YOUR BRACKET

# SECTION 1

## INSTALLATION OF

### SUZUKI BOULEVARD M109R & SUZUKI BOULEVARD M90

### 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) BELLY BRACKET

- 1) Install 2) 5/16"-18 x 1 5/8"x 2 1/2" U-bolts over the left side of the motorcycle frame in front of motorcycle side stand bracket.
- 2) Install 1) 5/16"-18 x 1 5/8"x 2 1/2" U-bolt over left side of motorcycle frame behind motorcycle side stand bracket.
- 3) Left side U-bolts will set the position of belly bracket.
- 4) Install 3) 5/16"-18 x 1 5/8"x 2 1/2" U bolts over right side of motorcycle frame.
- 5) Attach belly bracket to U-bolts with 12) 5/16" flat washers and 12) 5/16"-18 nylock nuts.

( Note: Belly bracket and U-bolt installation can be seen in pictures one & two)

# **SECTION 1**

## **INSTALLATION OF**

### **SUZUKI BOULEVARD M109R &**

### **SUZUKI BOULEVARD M90**

### **MOUNTING HARDWARE**

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

##### **RIGHT REAR AXLE BRACKET**

- 1) Remove the factory axle nut and cotter pin.
- 2) Install right rear axle bracket over axle bolt, make sure swing arm attachment is against swing arm of motorcycle and attach with 2) #44 hose clamps.
- 3) Install M22 x 1.5 castle nut provided with kit. Tighten at this time. Install cotter pin. (Shown in picture three.)

##### **LEFT REAR AXLE BRACKET**

- 1) Remove the outer drive shaft housing nut and lower inside drive shaft housing nut.
- 2) Install the left rear axle bracket over the drive shaft housing studs.
- 3) Replace the drive shaft housing nuts, making sure swing attachment is against swing arm of motorcycle and attach with 2) #44 hose clamps. Tighten drive shaft housing nuts. (Shown in picture four.)



MOTORCYCLE TOUR CONVERSION, INC.  
1530 TITANIUM DR  
OTTAWA, IL. 61350

TOLL FREE: 877-434-7901  
FAX: 815-434-8980

## **SUZUKI BOULEVARD M109R & SUZUKI BOULEVARD M90**

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**