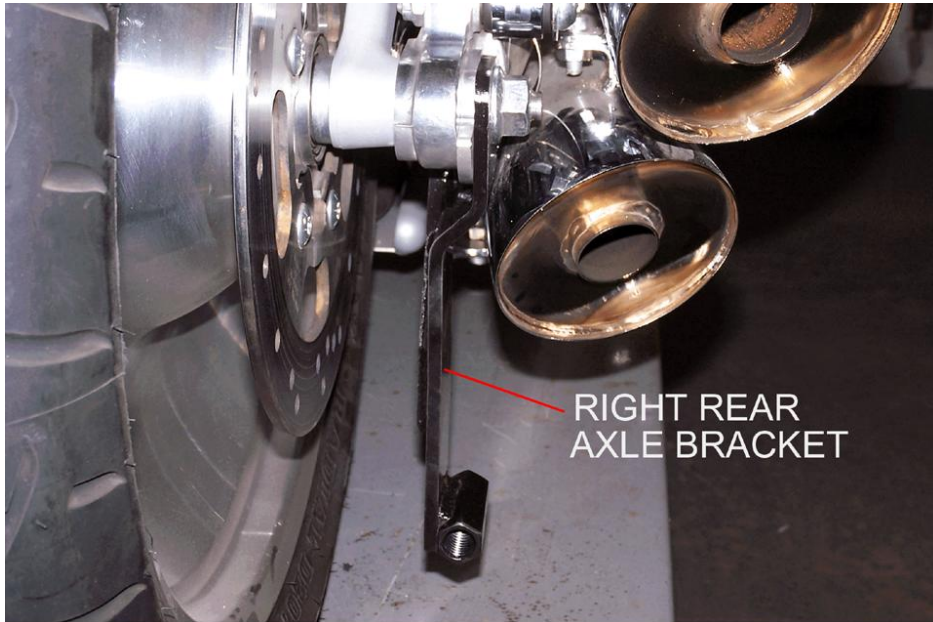
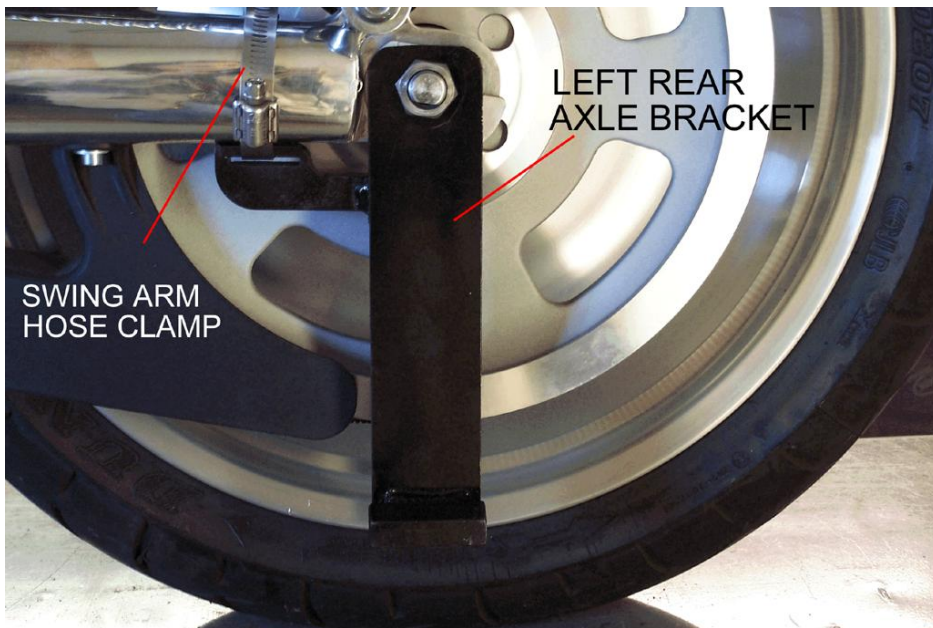


H-D VRSC V-ROD 2005- REAR AXLE BRACKETS INSTALLED



NOT SHOWN -
BEARING RECEIVER COMPLETE

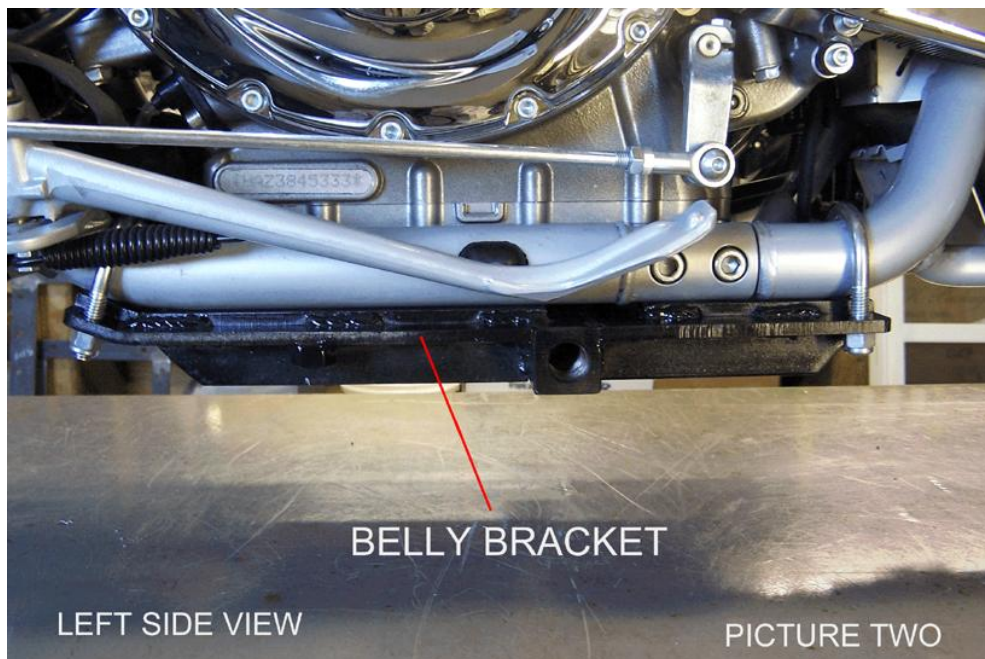
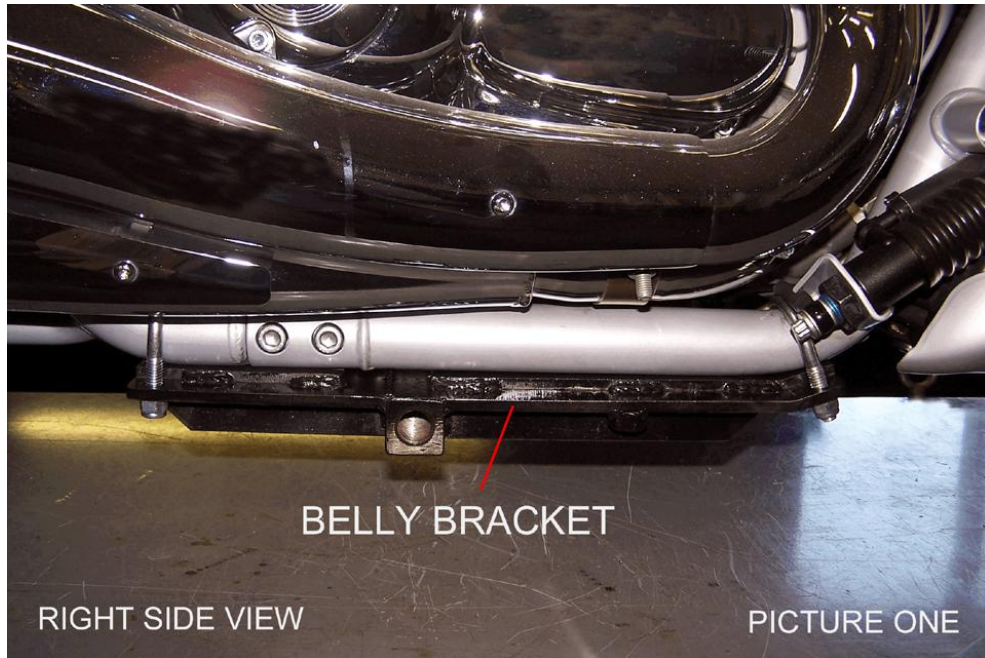
PICTURE THREE



NOT SHOWN -
BEARING RECEIVER COMPLETE
REPLACEMENT CASTLE NUT & COTTER PIN

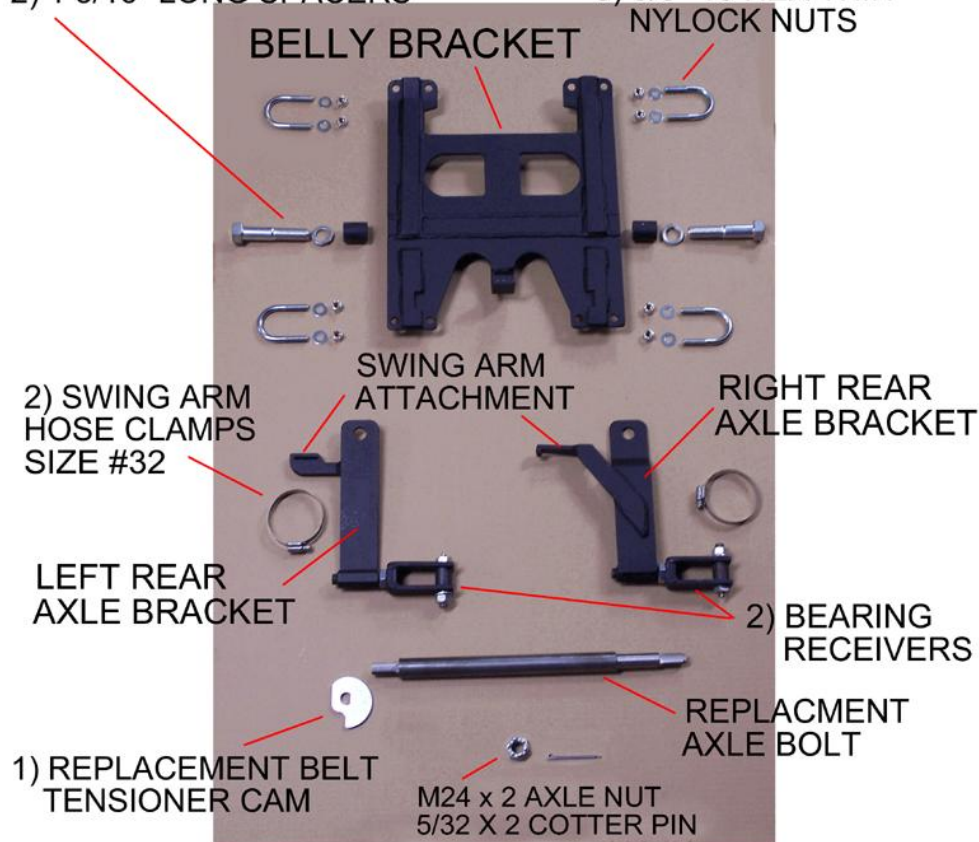
PICTURE FOUR

H-D VRSC V-ROD 2005- BELLY BRACKET INSTALLED



H-D VRSC V-ROD 2005- DESCRIPTION OF PARTS

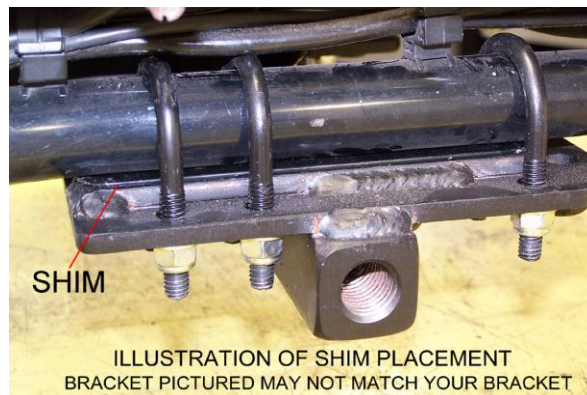
- | | |
|--|---|
| 2) MAIN ATTACHMENT BOLTS
3/4"-10 X 3 3/4" | 4) 3/8"-16 x 1 1/2" x 2 1/2"
U-BOLTS |
| 2) 3/4" LOCK WASHERS | 8) 3/8" FLAT WASHERS |
| 2) 1 5/16" LONG SPACERS | 8) 3/8"-16 HEX THIN
NYLOCK NUTS |



One 15" 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 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 shim on the left side. If the motorcycle is leaning to the right put the shim on the right side. The shim will go on the front and back of one side of the belly bracket.

Install the shim in-between belly bracket and motorcycle frame.



SECTION 1

INSTALLATION OF H-D VRSC V-ROD 2005- MOUNTING HARDWARE

Place motorcycle on a clean flat surface. Make 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) BELLY BRACKET

1. On the left side of motorcycle, place one u-bolt 3/8"-16 x 1 1/2" x 2 1/2" over frame of motorcycle and behind where the two piece factory frame bolt together.
2. Place another u-bolt 3/8"-16 x 1 1/2" x 2 1/2" over motorcycle frame behind side stand mount of motorcycle. (Shown in picture two)
3. On right side of motorcycle, place two u-bolts 3/8"-16 x 1 1/2" x 2 1/2" over motorcycle frame in the same positions as on the left side. (Shown in picture one)
4. Install belly bracket to the u-bolts with 3/8"-16 hex thin nylock nuts and 3/8" flat washers.

B) REAR AXLE BRACKETS

1. Remove E clip and axle nut. Remove belt tensioner cam and save it. You will reuse it in step 4.
2. Remove axle bolt. **Note:** The belt tensioner cam is fixed to the head of the bolt. You will not use this cam.
3. **Note:** The replacement axle bolt does not have a head on it. Install axle bolt. E clip end of axle bolt will be on the muffler side of motorcycle.

SECTION 1

INSTALLATION OF H-D VRSC V-ROD 2005- MOUNTING HARDWARE

4. **Right Rear Axle Bracket** - Install belt tensioner cam that was saved when you removed factory axle nut in step 1.
5. Install right rear axle bracket, factory axle nut, and factory E clip. (Do not tighten all the way). Attach swing arm attachment of right rear axle bracket to the swing arm of motorcycle with the swing arm hose clamp provided with kit.
6. **Left Rear Axle Bracket** – Install replacement belt tensioner cam provided with kit.
7. Install left rear axle bracket and M24 x 2.0 axle nut provided with kit. Attach swing arm attachment of left rear axle bracket to the swing arm of the motorcycle. Place swing arm hose clamp through the slot of the swing arm attachment of the left rear axle bracket and around the motorcycle swing arm.
8. At this time tighten both ends of axle bolt. (**Note:** You will have to drill a hole in the axle bolt for the cotter pin)



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H-D VRSC V-ROD 2005-



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**

