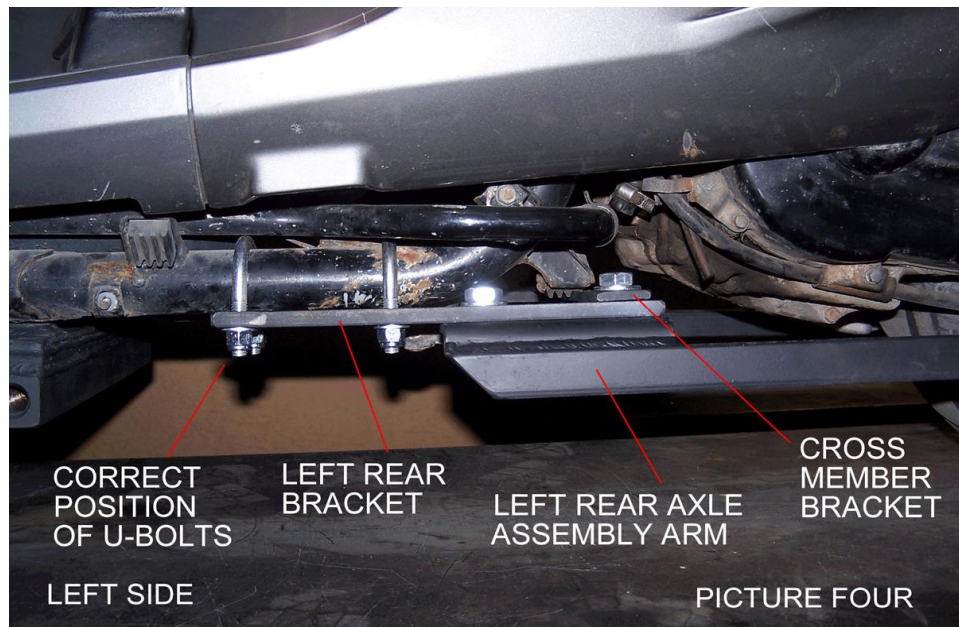
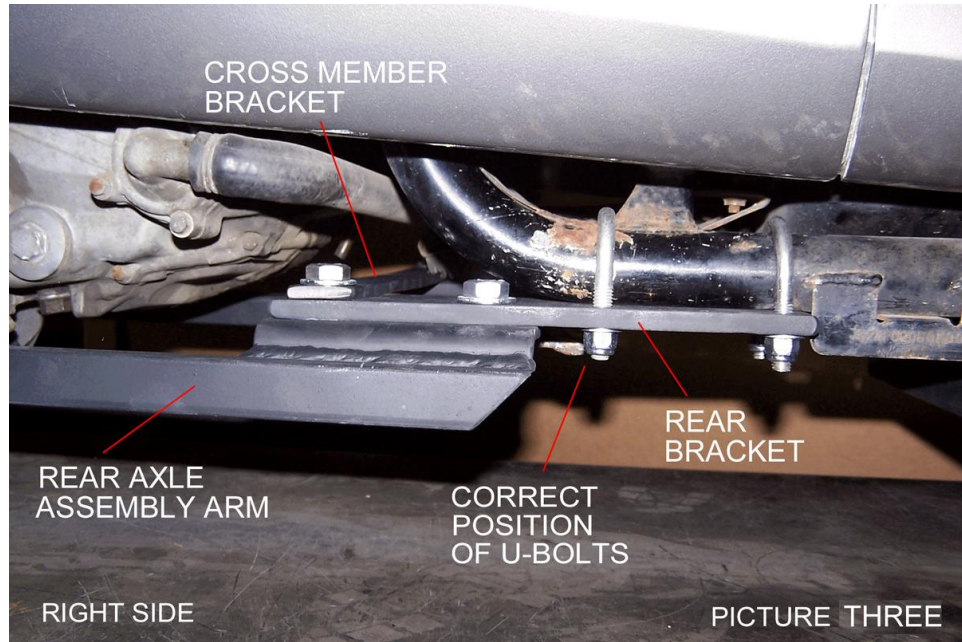
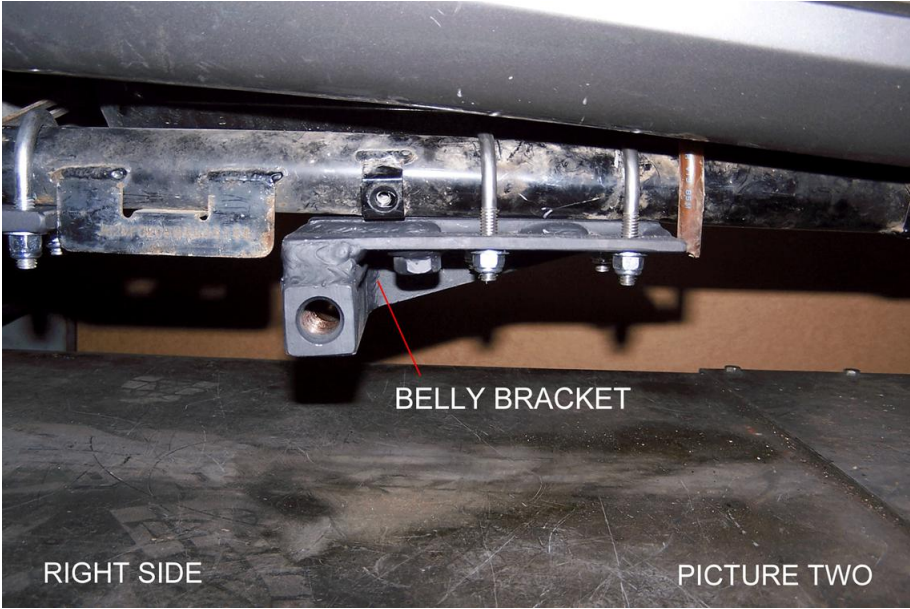
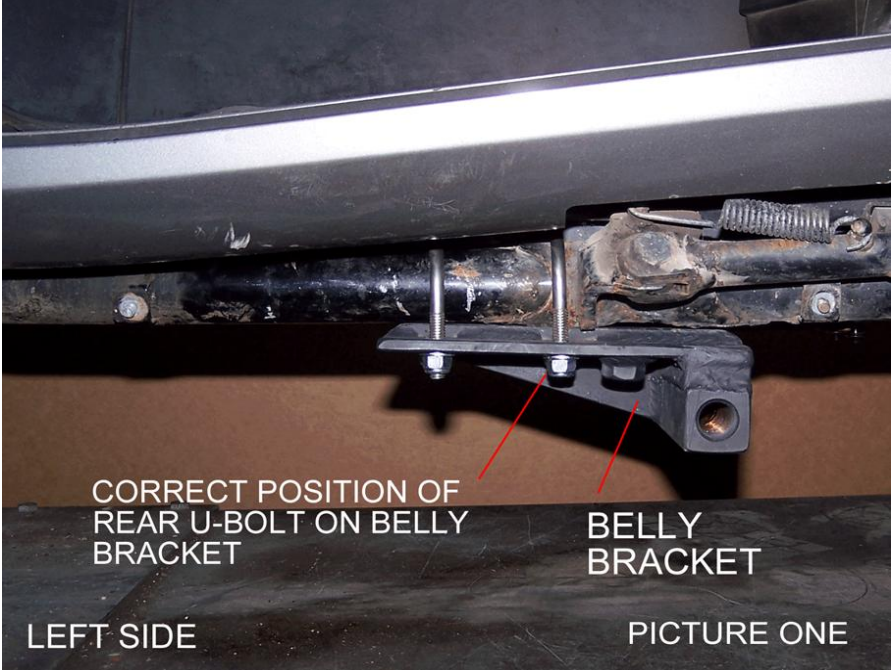


HONDA HELIX 250

REAR BRACKETS, CROSS MEMBER BRACKET, & REAR AXLE ASSEMBLY ARMS INSTALLED

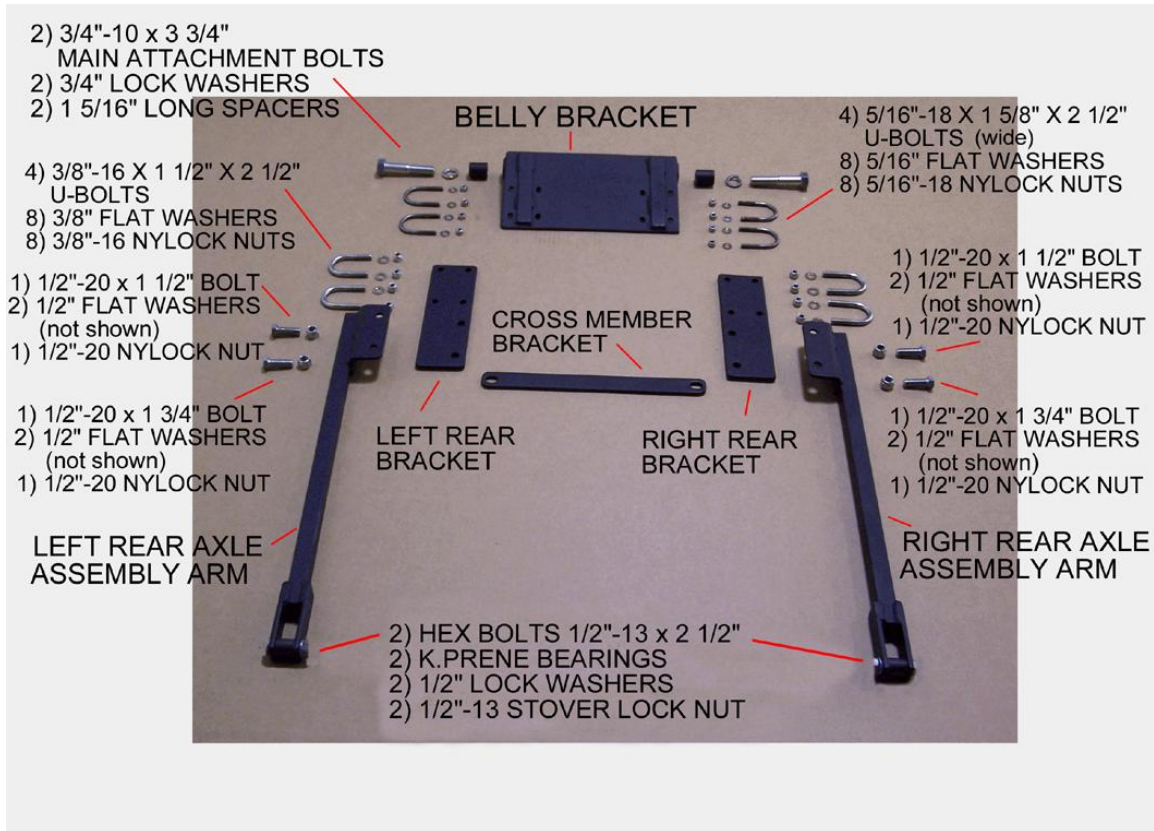


HONDA HELIX 250 BELLY BRACKET INSTALLED



HONDA HELIX 250

DESCRIPTION OF PARTS

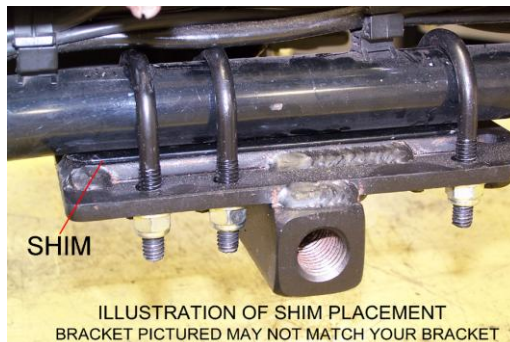


One 6 1/4" shim – not shown in picture above.

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.

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



SECTION 1

INSTALLATION OF HONDA HELIX 250

MOUNTING HARDWARE

Place motorcycle on a clean flat surface. Be sure to tie down motorcycle so it does not tip over during installation. 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) Remove bottom pan cover to expose frame of motorcycle. Note you will leave this cover off.
- 2) Install (4) four u-bolts 5/16"-18 x 1 5/8" x 2 1/2" over frame of motorcycle, (2) two on the left side and (2) on the right side. Make sure the rear u-bolt on the left side is just in front of the side stand and over side stand bracket. This will set the correct position of the belly bracket. (Shown in picture one)
- 3) Install belly bracket to u-bolts with 5/16" flat washers and 5/16"-18 nylock nuts. Do not tighten nuts, only snug. You will tighten after you square up the Voyager Kit later. (Belly bracket installed shown in pictures one and two)

B) REAR AXLE ARM ASSEMBLY

- 1) Remove center stand of motorcycle.
- 2) Install (2) two u-bolts 3/8"-16 x 1 1/2" x 2 1/2" just in front of center stand cross member of motorcycle. One on the left side and one on the right side of motorcycle frame. Install remaining 2 u-bolts on frame of motorcycle. (Shown in pictures three and four)

SECTION 1

INSTALLATION OF HONDA HELIX 250

MOUNTING HARDWARE

- 3) Install rear brackets to u-bolts using 3/8" flat washers and 3/8"-16 nylock nuts. Do not tighten at this time. (Shown in pictures three and four)

- 4) Install rear axle assembly arms and cross member bracket as follows:
 - a) Install rear axle assembly arms to rear brackets using the front or forward hole first.
 - b) Attach using (2) 1/2"-20 x 1 1/2" bolts, (4) 1/2" flat washers, and (2) 1/2"-20 nylock nuts.
 - c) Using (2) 1/2"-20 x 1 3/4" bolts, (2) 1/2" flat washers, install bolt through flat washers, then through cross member bracket, then into rear bracket, and finally into rear axle arm assembly. Attach with (2) 1/2" flat washers and (2) 1/2"-20 nylock nuts
(Shown in pictures three and four)

- 5) At this time, tighten all nuts, bolts and u-bolts for rear brackets, rear axle assembly arms and cross member bracket.
(Shown in pictures three and four)



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HONDA HELIX 250



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**

