



*Handlebars for the long haul*

**2003-2009 Honda ST1300**  
**Installation Instructions - Part # HR01033**

**2" (50mm) Taller \* 2.5" (62.5mm) Rearward \* Improved Wrist Angles**

**WARNING: IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.  
HAVE A QUALIFIED MECHANIC INSTALL YOUR HELIBARS®.**

- 1.) It is not necessary to dismantle any of the controls on the handlebars. Leave everything in place. Remove both left and right control housing wire looms from the strap that attaches them to the outsides of the handlebar riser beams. See **Photo #1**. Left bar is show but right side is a mirror image.
- 2.) Remove and reposition clutch hydraulic line at the master cylinder. See **Photo #2**. Use caution as brake fluid will destroy paint and plastic. Position as in **Photo #2**, so that the line is now resting on the forward edge of the casting slot tighten and bleed the clutch hydraulic system.
- 3.) Remove center plastic cover.
- 4.) Remove the two cap head screws and bolt from each bar. Note the location of the hex head bolts. It will be necessary to first remove the chrome covers on top of the tow socket head cap screws.
- 5.) Remove the factory bar mount. The top hex head is 12mm and the bottom nut is 14mm. Use an offset 14mm hex wrench to hold the nut and loosen from the top 12mm head. There is a large washer on top of the lower nut. Repeat for the left bolt. The forks will need be rotated left and right to gain access. Cover the fairing with rags to protect the finish. It is advised to cover the bottoms (mounting area) of the handlebars to keep them from scuffing and scratching the new HeliBar Adapters finish.
- 6.) Remove the center cover from HeliBars Riser. Use a 5mm hex.
- 7.) Install the HeliBar Billet Bar Adapter. It will only fit one way. Move the front wheel so it's facing straight forward. First remove the billet center cover by removing the two outer cap head screws. Remember to place the large washer on the bottom before the nut is attached. This requires both hands, one to hold the washer in place and the other to start the nut. Torque both bolts to 14 ft. lbs.
- 8.) Install the bars onto the adapter. Install the two cap head screws and the bolt through the bar base and into the adapter. Be careful as not to cross thread the bolts. Tighten all three pieces to 12 ft. lbs. It will be necessary to pull up on the cables and hydraulic lines to gain a bit of extra slack. They will naturally settle back into a new position after install is complete and the bars have been rotated several times lock to lock. Place the left and right control housing wire looms back under the metal clip that holds them to the outsides of the handlebar riser beams.
- 9.) Reinstall the center cover, adjust a bit for the best fit and torque the two 6mm cap head screws to 7 ft. lbs.



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- 10.) Additional slack is needed for the throttle cables. Remove them from the stock position by first loosening the cable wire stay, remove the right side screw withdraw only the two throttle cables then reattach the cable stay and tighten. Leave the front brake hydraulic line in the stock location inside the stay. See **Photo # 3**.
- 11.) Additional slack is needed for the clutch hydraulic line. See **Photo# 4**. Locate the clutch hydraulic line on the left side of the steering head where the rubber coated line is crimped to steel tubing. will begin to bend. The tubing is fairly soft and will flex easily. Pull it up about ½ inch from it's stock so the line doesn't pull to tighten when the handlebars are turned all the way to the right steering stop.
- 12.) Gently pull down on the control housing wire looms, position them so they line up with the cut outs in the new adapter design and cable tie them in place as shown in **Photo #4** (Left Side) and **Photo #5** (Right Side).

Double check all controls for tightness. Start machine and in neutral, go lock to lock and make sure the throttle cables move freely and that the RPM's do not increase.

**!! CAUTION!! BARS MUST BE TORQUED TO SPECIFIED VALUES. THEY MUST NOT BE OVERTORQUED. OVERTIGHTENED HARDWARE CAN LOSE INTEGRITY.**

For questions regarding installation please call 1-800-859-4642.

**HELI MODIFIED, INC. ASSUMES NO LIABILITY FOR ANY INJURY OR LOSS OF PROPERTY WHICH MAY RESULT IN IMPROPER USE OF ANY HELI BARS.**



**PHOTO 1**



**PHOTO 2**



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PHOTO 3

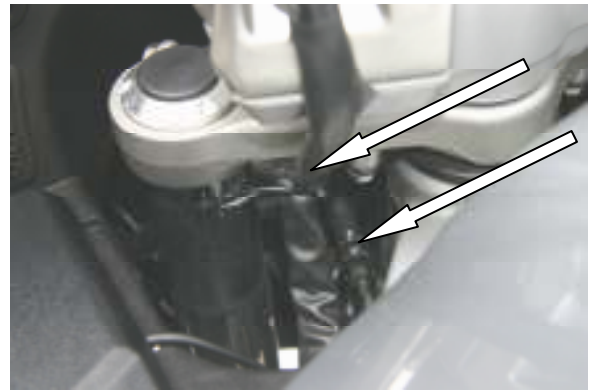


PHOTO 4

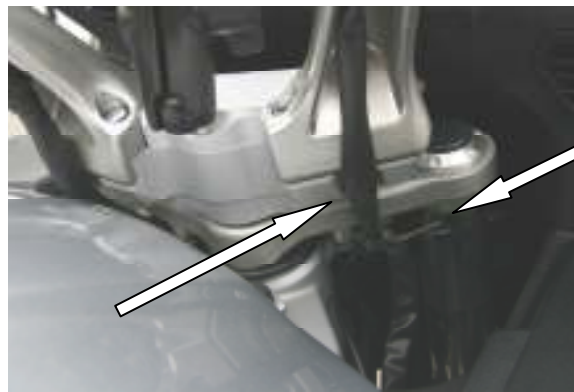


PHOTO 5