

# INSTALLATION INSTRUCTIONS

Honda ST1300

2003-2015

P/N: HR01029

***IMPORTANT:  
PLEASE GIVE CUSTOMER ENCLOSED INFORMATION!***



Thank you for your purchase of our HeliBars®. They are designed to increase your long distance comfort and improve the handling of your sport motorcycle, and we feel confident you will enjoy them.

Your HeliBars are designed to fit your motorcycle with little to no modifications needed to your stock cables and hydraulic lines. In order to achieve this fit, we do not simply increase the height at the fork tube/triple clamp area. If we were to mirror the angle of your stock handlebars, the HeliBars would not fit and clear your stock equipment, and lock to lock steering clearance would be impossible.

If you hold up the HeliBars and compare it to your stock handlebar, the difference may not be readily evident. One test we can suggest is to take your stock handlebar, and the corresponding HeliBars, and set them both on a flat surface. You can see the angle difference. Then install the left HeliBars, following the instructions. Walk around the front of your bike and look through the windshield. You should see a noticeable difference between your stock handlebar and the HeliBars. Finish the installation, and try them out. We think you'll like them!

### **HeliBars INSTALLATION**

**IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.  
HAVE A QUALIFIED MECHANIC INSTALL YOUR HeliBars.**

**IF WE HAVE NOT INCLUDED SPECIFIC INSTRUCTIONS FOR YOUR MOTORCYCLE, THEN THE INSTALLATION IS SIMPLY A REVERSAL OF THE DISASSEMBLY PROCESS. \*\*NOTE THE LOCATION OF LINES AND CABLES. BE SURE TO CLEAN THE FORK TUBES BEFORE INSTALLATION!!**

**!! CAUTION !! MAKE SURE THE HeliBars ARE FULLY SEATED. TIGHTEN BAR END DAMPER WEIGHTS FIRMLY. AFTER INSTALLATION, MOVE BARS LOCK TO LOCK AND CHECK CLEARANCE OF: 1.CABLES 2. HYDRAULIC LINES 3.WIRES 4.FAIRING 5.FUEL TANK. TORQUE ALL HARDWARE TO MANUFACTURER'S SPECIFICATIONS.**

**IF YOU HAVE INSTALLATION QUESTIONS, PLEASE CALL 1-800-859-4642.**

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



# WARRANTY / RETURN POLICY

We make every effort to build a quality product so you can fully enjoy your riding experience. Thank you for your order.

HeliBars® may be returned for defects in materials and workmanship within one year from the date of shipment to the original purchaser, in which event the purchaser may receive a replacement set of HeliBars.

If within thirty (30) days of the shipping date you are not satisfied for any reason, you can return the HeliBars. Return policy is valid for original purchaser only. If HeliBars are purchased from a vendor other than Heli Modified, Inc., customer must contact vendor where purchased regarding returns. Refund will be extended to original purchaser only. There are no other warranties which extend beyond this.

Conditions of this 30 day return policy:

1. Bars must not be used as a tie down point. (See attached 'Trailer Instructions').
2. Bars cannot be damaged, dented, or altered in any way.
3. Bars cannot be overtorqued.
4. Refund will be for product purchase price only, and credited to original purchaser only.
5. Product must be returned with all original equipment, documents and in original packaging. There must be no physical damage caused by the customer or by carrier.
6. A Return Authorization Number must be obtained from us before you return the product.

We reserve the right to charge a re-stocking fee of up to 25% if the above criteria are not met.

**THERE ARE NO FURTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. By accepting this product, the consumer agrees to arbitrate and litigate any controversy in the State of Maine, and under the laws of the State of Maine.**

**HELI MODIFIED INC. ASSUMES NO LIABILITY FOR ANY INJURY OR LOSS OF PROPERTY WHICH RESULT FROM IMPROPER INSTALLATION OR USE OF ANY HELI BARS. ALL HELI MODIFIED, INC. PRODUCTS SHOULD BE INSTALLED BY A QUALIFIED MECHANIC. IMPROPER INSTALLATION MAY CAUSE DEATH OR INJURY.**

**Ride Safe and Enjoy!**





**2003-2015 Honda ST1300 Part # HR01029  
Installation Instructions**

**2" (50mm) taller ~ 2.5" (62.5mm) more 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.) **IMPORTANT NOTE: STEP 2 IS FOR EARLY MODEL ST1300 BIKES. PLEASE REFERENCE PHOTO #2 PRIOR TO COMPLETING THIS STEP.** 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.**

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!! HARDWARE MUST BE TORQUED TO SPECIFIED VALUES. THEY MUST NOT BE OVER TORQUED. 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 # 2

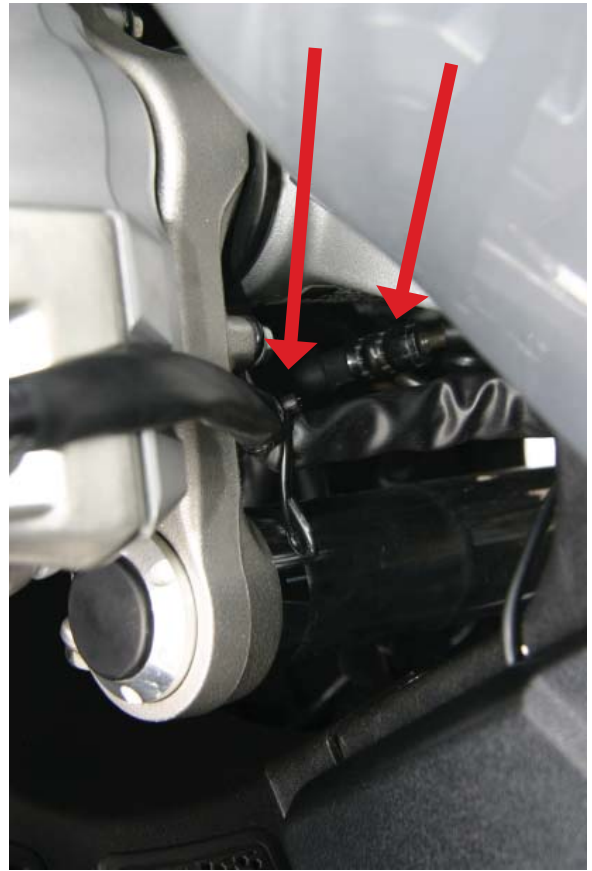


Photo # 4



Photo # 1



Photo # 3



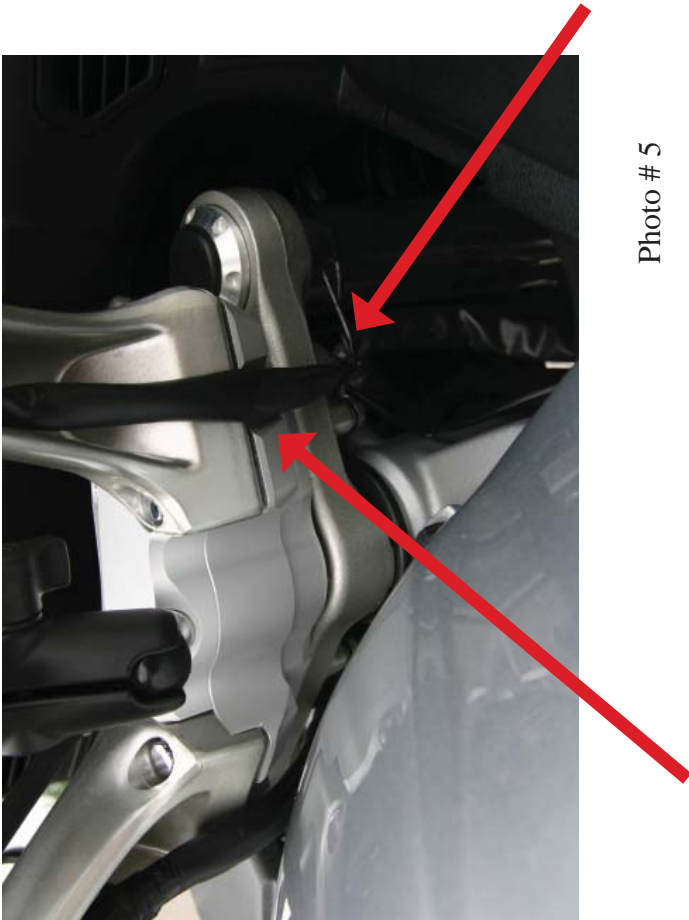


Photo # 5





## IMPORTANT INFORMATION ABOUT POWDER COATED HELIBARS

HeliBars® are finished with a polyester powder coating from Morton Powder Coating Company ([www.mortonpowder.com](http://www.mortonpowder.com)) The polyester is recommended for outdoor use because of it's excellent UV resistant quality; if we were to use an epoxy it would tend to fade and chalk pretty quickly when exposed to sunlight and UV rays.

**Care must be taken during installation because the finish can be scratched by the sharp surfaces of the controls and master cylinder clamps. When mounting the master cylinders to bars, do not let them move around the bars with the caps loose. Mount them in the proper position and hand tighten the screws until final adjustments are made; in this way you will lessen the possibility of scratching.**

**NOTE: Powder coat finish is not indestructible, there are chemicals which may react negatively when applied to finish. Brake fluid may cause deterioration of the finish. We do not recommend the use of acetone or similar chemicals for cleaning purposes. We would recommend the use of an over-the-counter adhesive remover (such as Goo Gone) for the removal of any extraneous material. Please read labels directions for any cleaning/polishing product before use. If you have any questions regarding the use of any over-counter-products with the HeliBars, please call us before applying them to the powder coated finish.**

If care is taken during installation, your HeliBars will continue to look as good as when they were new. They will look great for years to come with a bit of wax and careful cleaning. Thank you for your purchase, ride safe and enjoy!

Sincerely,

Harry Eddy, President



# Trailing with HeliBars®

HeliBars clip ons and handlebars must not be used as the primary holding points for tie downs while trailering. *As with your stock bars* applying extreme force to the ends of the bars can bend the bars or rotate them on their mounts.

Use a wheel chock and pull the machine down and forward using soft ties or similar, attached to the lower triple clamp.

Bars should only be used as secondary attachment points to steady the motorcycle from lateral sway.

Failure to follow these guidelines can cause damage to the bars and the motorcycle, and may also void our warranty.

