

## INSTALLATION INSTRUCTIONS

**2020+ Can Am RT**  
**P/N: HSTX08141**

**2015-2022 Can Am F3**  
**P/N: HSTX08142**

HeliBars Multi Adjustable Handlebars

***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!**





**2020+ Can Am RT & 2015-2022 Can Am F3**  
HeliBars Multi Adjustable Handlebars  
Installation Instructions

**2020+ Can Am RT P/N: HSTX08141**

0-4" Taller ~ 0-3" Rearward ~ 30 Degrees of Wrist Angle Adjustment

**2015-2022 Can Am F3 P/N: HSTX08142**

1 1/2-5" Taller ~ 1-4 1/2" Rearward ~ 30 Degrees of Wrist Angle Adjustment

**WARNING: IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH.**

**HAVE A QUALIFIED MECHANIC INSTALL YOUR HELIBARS®**

**\*\*\*Part numbers are NOT interchangeable by bike model. (The HSTX08142 will NOT work with the RT version)\*\*\***

**It is very beneficial to watch the installation video by Maurice LeBlanc and Harry Eddy listed on [www.HeliBars.com](http://www.HeliBars.com)**

1.) Place shop rags over bodywork under handlebars. Remove control housing wire looms from plastic clamps on the right side. Cinching them open, bend them down and remove looms. Use a 5mm hex to loosen the two pinch screws that clamp the two covers over the bar tube mount. Remove bottom and top covers and set aside. Pull handlebar tube/controls from the handlebar clamp and set it on shop rags. (See **Photos 1, 2, 3, & 4**) Do not remove any controls from the handlebar tube. Repeat on the left side. If the Spyder is a standard model leave the clutch master cylinder mounted. (See **Photo #5**)

2.) Remove handlebar lower mounting tube and clamp. Loosen and remove the 4 pinch screws using a 7mm hex. (See **Photos 6 & 7**) Remove stock bar.

**FOR 2020+ RT MODELS ONLY**

Remove the lower handlebar clamp from steering shaft flange. Lift up slightly on the glove box to expose the torx head screw holding the dual wire loom stay. Use a 25mm Torx screw drive (See **Photo#23**). Remove the screw and wire looms from the stay. (See **Photo #24**) Store the stay and screw as they will not be re-used.

3.) Install Horizon riser bar and pivot assembly. Line up slotted hole in bar base with locating pin in the lower handlebar clamp. (See **Photo #8, red arrow**) Install handlebar clamping cover back in place and screw all 4 screws into the lower clamp. Snug up the top 2 screws first, adjust bar back towards the rider at about a 45 degree angle, snug the rear two screws. (See **Photo #9**) Make sure the handlebar tube pinch bolts (red arrow) are on the riders side of the tube bores (**blue arrow**). Final torquing will be done after final adjustments are made.

4.) Install billet bar tube adapters. (See **Photo #10**) Remove the inner pinch bolt on the right bar clamp. Use a 6mm hex. Insert the adapter all the way into the bore. Make sure remaining pinch bolt is loose. Install removed pinch bolt and make sure it engages with the radial groove machined into the adapter, see red arrow. Rotate adapter until the top cover locating holes are facing straight up. (See **Photo #11**) Lightly snug both pinch bolts at this time.

5.) Install right handlebar tube/controls into the adapter so the two holes align. (See **Photos 12 & 13**). Grab the two handlebar tube clamp covers. The top cover has the cast dowel. (See **Photo #14**) Line up the hole in the bar tube adapter and insert the top covers dowel. Position the lower cover so the wire loom exits correctly (**Photo #15**). Install and tighten two 6mm pinch bolts. Torque to 7 ft lbs/84 in lbs. (See **Photo #16**)

**Repeat Steps 4 and 5 on the left side.**

6.) Adjustments and final tightening torque values. A comprehensive adjustment tutorial is contained in our install video. It describes what each adjust accomplishes. <https://youtu.be/OyQGV7hGdIE>

a. Torque the handlebar mounting cover clamp to **21 ft lbs**. Torque the two forward two screws (closest to fairing), then the rear. (**Photo #17**)

b. Handlebar mounting tube adapter/pivot two to **16 ft lbs**. (2-8mm screws) 6mm hex. This allows the operator to rotate the control buttons up or down. (See **Photo #18**).

c. Forward and back wrist adjustment **16 ft lbs** (1-8mm screw) 6mm hex. (See **Photo #19**)

d. Rotate wrist angle up or down **28 ft lbs** (1 - 10mm screw) 8mm hex. (See **Photo #20**)

7.) Install black plastic covers provided on handlebar tube pinch bolts (See **Photo #21**). Install cable ties to hold wire looms against riser tubes. (See **Photo #22**)

8.) Place a cable tie on the left and right side of the handlebar clamp around the mounting tube and the wire looms. See red arrow on (**Photo #25**). It shows a cable tie and the 2 blue arrows show the wire left and right looms.

**!! 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 HELIBARS.**





Photo # 2



Photo # 4

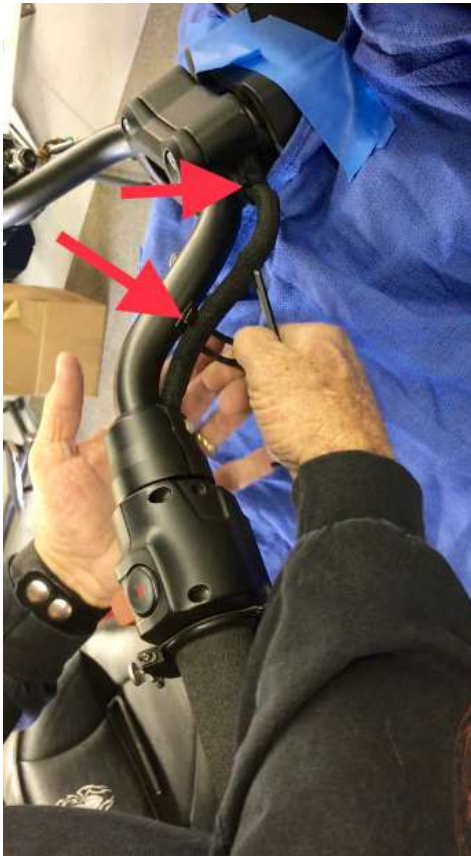


Photo # 1



Photo # 3







Photo # 6



Photo # 8



Photo # 5



Photo # 7







Photo # 10



Photo # 12



Photo # 9



Photo # 11





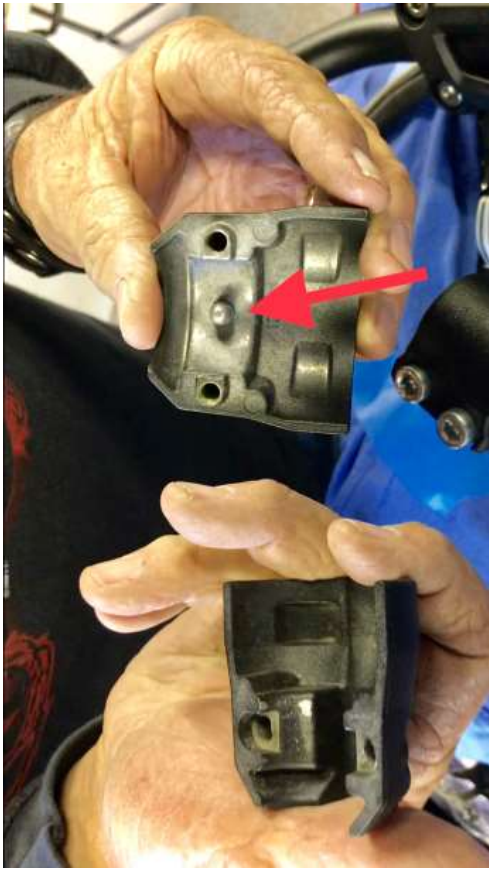


Photo # 14



Photo # 16



Photo # 13



Photo # 15





Photo # 18



Photo # 20



Photo # 17

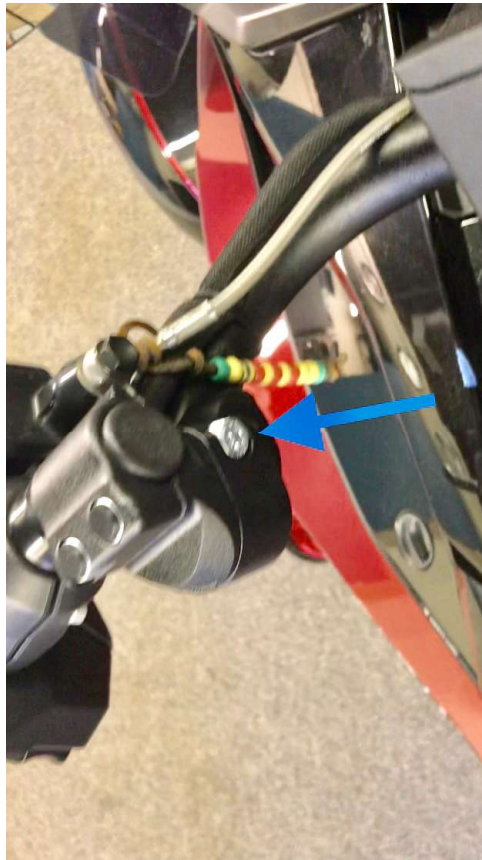


Photo # 19







Photo # 22

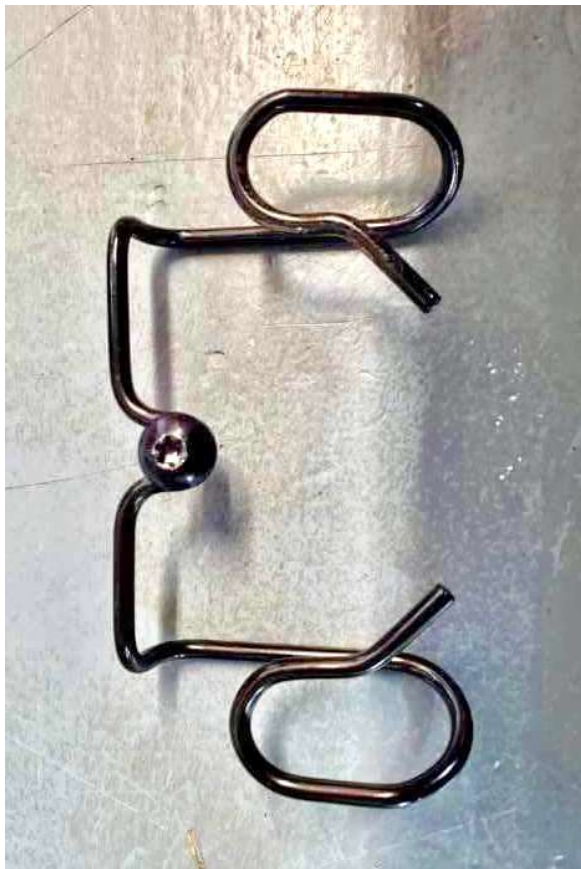


Photo # 24



Photo # 21



Photo # 23





Photo # 25



## IMPORTANT INFORMATION ABOUT POWDER COATED HELIBARS

HeliBars® are finished with a polyester powder coating. The polyester is recommended for outdoor use because of its 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.

