

# INSTALLATION INSTRUCTIONS

1998-2008 R1, 2015+ R1 & 2008+ R6  
TracStar™ Replacment Handlebars

P/N: TS09127

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

**WHEEL  
BARS**



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!**





1998-2003 R1  
2004-2008 R1 (w/54mm Fork Tube Clamp)  
2015+ R1 & 2008+ R6

1 5/8" Taller ~ 1" Rearward ~ 3/4" Wider  
TracStar™ Replacement Handlebars  
**Installation Instructions**  
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\*\*\* 2004-2008 R1 (TS09122-54) Kit Includes 54MM Fork Tube Clamp & Install Photos 2 & 3\*\*\*

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

1. Installation is simply a reversal of the disassembly process. It will be necessary to remove the top triple clamp to install the HeliBars. **Refer to Photos A, B, C & D** to remove top triple clamp. Use a 36MM Socket to remove the steering stem nut and washer. Loosen and remove front brake reservoir screw and spacer. On 2015+ R1 does not have spacer just remove the mounting screw. Loosen fork tube pinch bolts. Remove handlebar positioner plastic caps and socket head screws. Note the location of all cable and hydraulic lines. Remove the controls from the stock clip-ons and remove the clip-ons from the fork tubes. Cut the cable ties holding the front brake hydraulic line to the right fork tube and the left side wire loom. **(See Photo #4)**

**NOTE:** 2004-2008 YZF R1 requires installation of a fork tube clamp (included) for remounting of the steering damper. Refer to photos 2 & 3.

2. After all controls are mounted on the HeliBars and they are installed on the fork tubes, reinstall the top triple clamp and torque to factory specs. On the left bar tube there are three (3) locating holes. **1998-2008 R1** models use the middle hole. **2008+ R6** use the hole farthest from the fork tube. **2015+ R1** use the hole closest to fork tube. On the right handlebar the **2008-2016 R6 and 2015+ R1** use the forward facing hole for starter/kill switch housing location. **(See Photo #5)** for the positioning of the throttle to enable enough throttle cable slack to get the HeliBar over and down onto the fork tube. **2017+ R6** use the opposite holes from the 2015 R1.

3. Make sure the HeliBars are in contact with the top triple clamp and snug the pinch bolts enough to keep them from sliding. In order for the HeliBars to fit flush with the bottom of the top triple clamp, rotate forward and back until the notch fits around the boss on the bottom of the triple clamp.
4. Slowly and cautiously move bars lock to lock and check for clearance between the bars, tank, and the fairing. After making adjustments, torque the two 6mm socket head cap screws to 7 ft. lbs. (84 in. lbs.) (Requires a 5mm hex). Re-install the two socket head cap screws that locate the factory clip-on on the top triple clamp with the (2) 6mm nuts provided. Tighten. (**See Photo A**)
5. Install damper weights by first threading rubber bushing (provided) onto stock damper weight using the stock screw. (**See Photo # 1**) Do not tighten the screw until the rubber bushing is pushed all the way into the outer end of the fork tube. Tighten firmly!

**!! 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 FROM IMPROPER INSTALLATION OR USE OF ANY HELIBARS.**







Photo # B



Photo # D



Photo # A



Photo # C





Photo # 2



Photo # 4



Photo # 1



Photo # 3





Photo # 5





## 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.

