

# INSTALLATION INSTRUCTIONS

HeliBars Replacement Handlebars

P/N: TS04008

***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!**





2007-2008 Kawasaki ZX6R  
HeliBars Replacement Handlebars

**Installation Instructions**

P/N: TS04008

2" (50mm) taller \* 1" (25mm) more rearset \* ½" (12.5mm) wider (than stock width @ 25.5")

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HAVE A QUALIFIED MECHANIC INSTALL YOUR HELIBARS®.**

**\*\*\*Please note that the bars are clearly marked. Engraved with TS04008L for the left bar and TS04008R for the right bar\*\*\***

The new TracStar is a direct bolt on replacement for the stock factory clip-ons on 2007 ZX6Rs. No modifications are required for installation and all cables, hydraulic lines and wire looms remain in the stock locations.

- 1.) Remove bar end damper weights. Use a 6mm hex drive to remove damper screw. Remove the 2 screws that position the stock clip-ons to the bottom of the top triple clamp. These screws will not be re-used.
- 2.) Remove the top triple clamp. Loosen the two fork tube pinch bolts. It is not necessary to remove them, just make sure they're very loose. Loosen and remove the steering stem nut. Use a 36mm socket. Place the triple clamp on a rag in front of the fork tubes.
- 3.) Remove front brake reservoir from factory bracket. Loosen and remove bolt and nut. They will be re-used but the factory mount should be stored with the stock right handlebar.
- 4.) Remove the right factory clip-on:
  - a. Remove the cap clamp that holds master cylinder to the bar. Remove from bar and rest on a rag.
  - b. Loosen the two screws that clamp the throttle housing enough to let it move freely. These screws can be difficult to remove so use a proper fitting Phillips screwdriver. 2 replacement screws are provided in case the stock hardware is destroyed.
  - c. Loosen the right control housing screws enough to disengage its locating pin from the hole drilled in the factory bar.
  - d. Loosen right bar fork tube pinch bolt. Use a 6mm hex drive. Slide up fork tube and withdraw the stock bar from the right control housing and the throttle assembly.
- 5.) Install the right TracStar clip-on. (The right bar has the reservoir mount attached in shipping).
  - a. Remove the screw, washer and the reservoir mount before installing. Note how the bracket is positioned. Set them aside for now. This is necessary because the mount blocks the TracStars' fork clamping pinch bolts.

- b. Slide the throttle housing onto the right TracStar clip-on until it is 1 inch from the end of the handlebar, place over the fork tube and slide it down so there is more than 1" of fork tube above the top of the TracStar fork clamp. Temporarily tighten TracStar pinch bolt, slide throttle into position and engage positioning pin into its locating hole. Tighten throttle housing. Slide right control housing in to place, engage pin and tighten.
  - c. Carefully re-mount front brake master cylinder so as not to scratch surface of bar tube. Notice the clamping cap has an up mark. Install both 6mm screws, but lightly tighten the top screw only. It may be necessary to produce a little more slack from the front brake hydraulic line going down to the lower triple clamp. One way is to remove the hydraulic line hold down strap located in the center of the lower triple clamp and use a cable tie (provided) to hold the hydraulic line to the right fork tube.
- 6.) Left side stock handlebar removal:
- a. Remove clutch lever clamp mounting screws, cap and set on a rag.
  - b. Remove the two screws that hold the left side control housing halves together.
  - c. Loosen left bar clamping pinch bolt and remove from the fork tube. Remove left grip (slide a small screw driver between the grip and the handlebar and pour a small amount of rubbing alcohol into the space to break seal, then twist the grip to remove).
- 7.) Install the left side TracStar HeliBar:
- a. Slide down over the fork tube and leave over 1" of fork tube above bar clamp top surface. Install clutch lever and switch housing.
  - b. Position triple clamp over fork tubes and stem and carefully slide down until fully seated. It may be helpful to pull the bike over to the right on the side stand to take some of the bind out of the front end and align the forks and steering stem. Install the steering stem nut and lightly hand tighten. Torque the two triple clamp fork pinch bolts to 12 ft. lbs. Turn the forks carefully (because the bars are not adjusted) to the full right steering stop. Torque the steering stem nut to 66 ft lbs. (90 newton metres). Steering stem nut takes a 36mm socket.
  - c. Pull both left and right bars up until they contact the bottom of the top triple clamp. Carefully turn the front fork to full right steering stop. Adjust the right TracStar so there is adequate room for your hand. Take a measurement and repeat adjustment to the left TracStar at full left stop. See photo 1.
  - d. Torque the two TracStar fork clamp pinch bolts to 12 ft. lbs.
- 8.) Install front brake reservoir:
- a. Position reservoir bracket provided as shown in photo 2. Install the factory bolt and nut and lightly tighten.
  - b. Carefully rotate the reservoir hose fitting at the master cylinder counter clockwise until the line contacts the bleeder valve rubber cap. See photo 3.
  - c. Position the reservoir bracket over the threaded mounting boss and remember to place the washer over the socket head cap screw before inserting into bracket. Rotate the reservoir until the top cover is level (sitting on bike). Carefully tighten.
- 9.) Fine tune TracStar HeliBars:
- a. Adjust the front brake lever. It should be close to the stock angle when adjusted. Tighten the top screw first then the bottom screw.
  - b. Adjust clutch lever to match front brake lever and tighten. Install left grip with rubbing alcohol as lubricant. Allow time for the alcohol to dry or use compressed air. Leave a 1/8" gap between the grip and the left control housing.



- c. c. Install damper weights and tighten.
- d. d. Leave a bit of clearance between the right damper weight and the end of the throttle grip and tighten the two throttle housing screws.

**Check all work performed and confirm that all Torque Specs on critical hardware have been verified.**

**Double Check all controls for tightness.**

**Go lock to lock and check for hand clearances between fuel tank and fairing.**

**Start machine in neutral, go lock to lock and make sure that the RPMs remain at idle.**

**Also ensure that the throttle returns to its stop in both positions.**

**!! 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.**

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Photo # 2

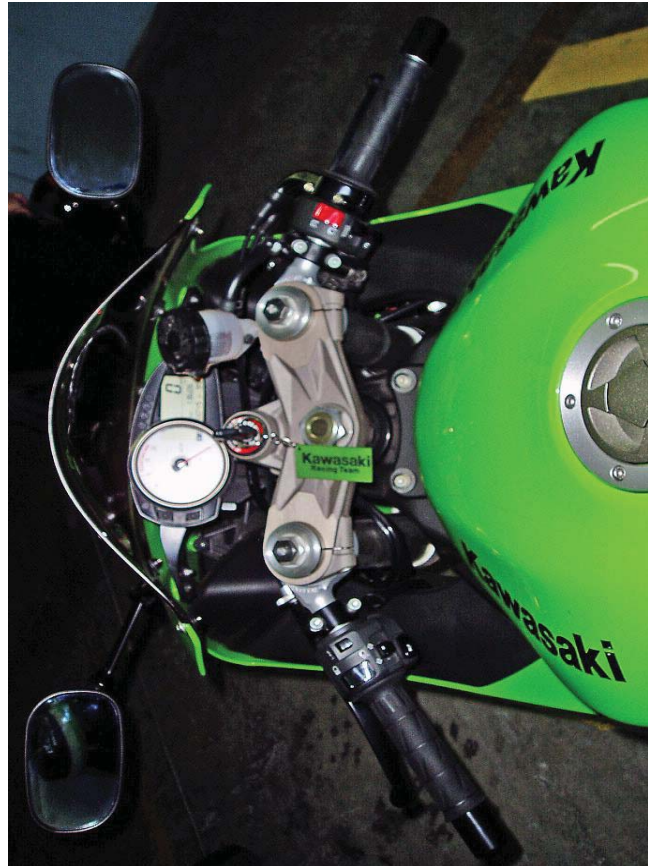


Photo # 4



Photo # 1



Photo # 3

## 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.

