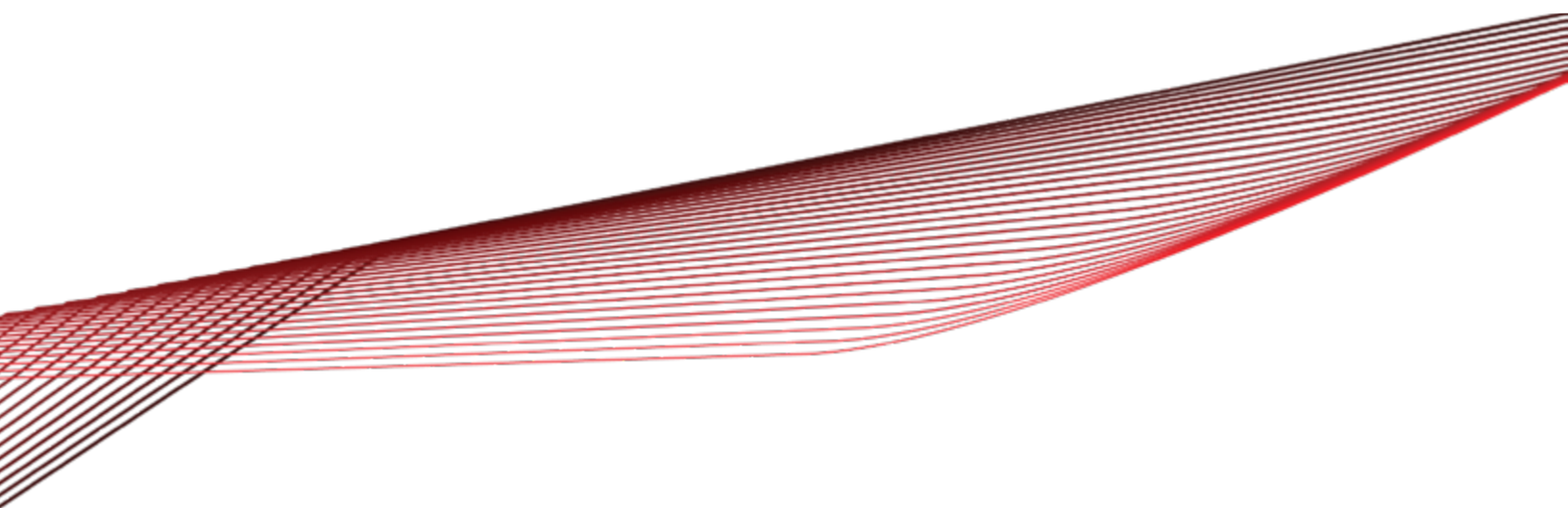




INSTALLATION INSTRUCTIONS

World Tour Adjustable Handlebar Riser
Part No: **HST05179**



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.

HELIBARS INSTALLATION

Improper installation could result in serious injury or death. Have a qualified mechanic install your HeliBars.

*Note the location of lines and cables.



CAUTION: Make sure the helibars tour performance riser is fully seated. 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.

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.

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 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.

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!

WORLD TOUR ADJUSTABLE HANDLEBAR RISER HST05179

2-3" Taller than stock

0-4" Closer to rider

Installation Overview

- Installation is greatly simplified with the help of an assistant.
- Cover the fuel tank with a protective cover.

Required Tools

- Torque wrench – ratchet
- 6mm and 5mm Hex bits
- 12mm socket-box end wrench

1. Remove stock handlebars:

A. Cover fuel tank with protective cloth/clean rags.

B. Remove controls from left side as follows:

- Remove damper weight, mirror and hand guard (**Photo 1**)
- Remove left control housing by removing Torx head screw (**Photo 2**)
- Remove clutch master cylinder and wrap in a shop rag

C. Carefully feed the left control housing and clutch master cylinder far enough down to clear the frame and bring them up behind the top triple clamp, then lay them on the covered fuel tank (**Photo 3**). You will need to rotate forks left or right to gain access.

D. Remove right damper weight, mirror and hand guards as per left side. Remove throttle covers using a T8 Torx, access mounting screws and remove. (**Photos 4,5 & 6**) Remove front brake master cylinder. You will need to remove the handlebar from the fork to withdraw it from the throttle housing.

E. Carefully feed front brake master cylinder and throttle down and up behind top clamp as per the left side.



Photo 1



Photo 2



Photo 3



Photo 4

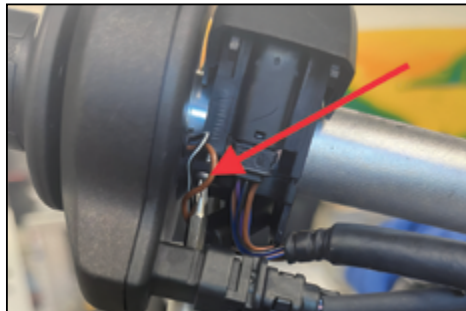


Photo 5



Photo 6

2. Mount the World Tour lower mounting bar in the handlebar clamps so it is angling at about 2 o'clock toward the rider. This is a good start. Adjust bar left or right to center it. Torque the 4 screws to 16 ft. lbs. starting with the forward 2 screws first **(Photo 7)**.
3. Assemble the left control housing onto the left handlebar tube. The end with the radial groove fits into the upper knuckle. **(Photo 8)** Tighten screw but remember you're tightening plastic parts so go easy.
 - A. Mount tube into upper pivot clamp by loosening the outer screw and removing the inner screw.

Make sure to place the left control housing wire loom over the top of the lower bar assembly **(Photo 9)** Slide the bar in (slight twisting motion helps) until the radial groove aligns with the inner pinch bolt hole. Insert the pinch bolt and start threading. Adjust button position by twisting the left grip up or down then tighten the 2 pinch bolts to 14 ft. lbs. **(Photo 10)**

 - B. Mount the clutch master cylinder, damper weight and the hand guard. Make sure the clutch hydraulic line is also positioned on top of the handlebar assembly along with the wire loom.
4. As per the left side, assemble throttle housing onto right bar.
 - A. Install right bar assembly as per the left side.
 - B. Install front brake master cylinder keeping hydraulic line over lower bar assembly.
 - C. Re-install damper weight, hand guard and mirror if removed.
5. Tie up hydraulic lines and wire loom as per **(Photos 11 & 12)** with cable ties provided. Go through the slit and around the rear pinch bolts.

ADJUSTMENTS

You may need to adjust the factory rubber cable ties moving them up or down the hydraulic lines.

- A. To rotate wrist angle forward or back loosen M8screw with a 6mm hex **(see Photo 13 red arrow)** Use index marks to mirror left and right sides **(see Photo 14)** When finished torque to 16 ft. lbs.
- B. To rotate the ends of the grips up or down loosen lower 10 mm pinch bolt **(see Photo 15 red arrow)** Use index marks **(Photo 16)**. Torque to 28 ft. lbs.
- C. Torque lower handlebar mounts to 18 ft. lbs starting with the forward 2 screws first **(Photo 17)**



CAUTION: Bars 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 from improper installation or use of any HeliBars.



Photo 7



Photo 8



Photo 9



Photo 10



Photo 11



Photo 12



Photo 13



Photo 14



Photo 15

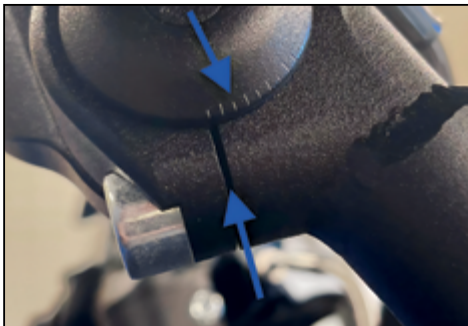


Photo 16



Photo 17

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

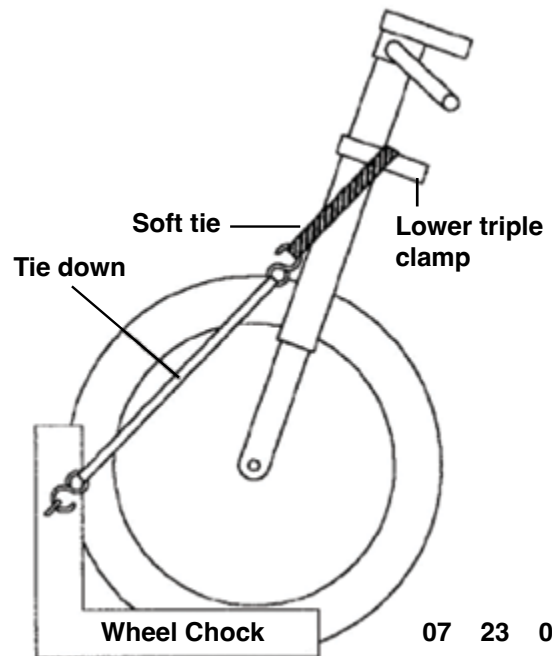
TRAILERING WITH HELIBARS

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.

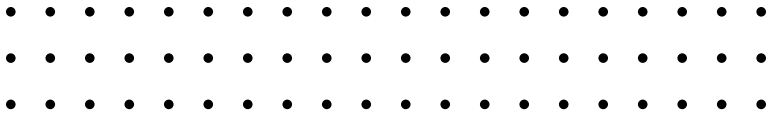
Use a wheel chock and pull the machine down and forward using soft ties or similar, attached to the lower triple clamp.

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.



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HELI BARS

Comfort Without Compromise

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