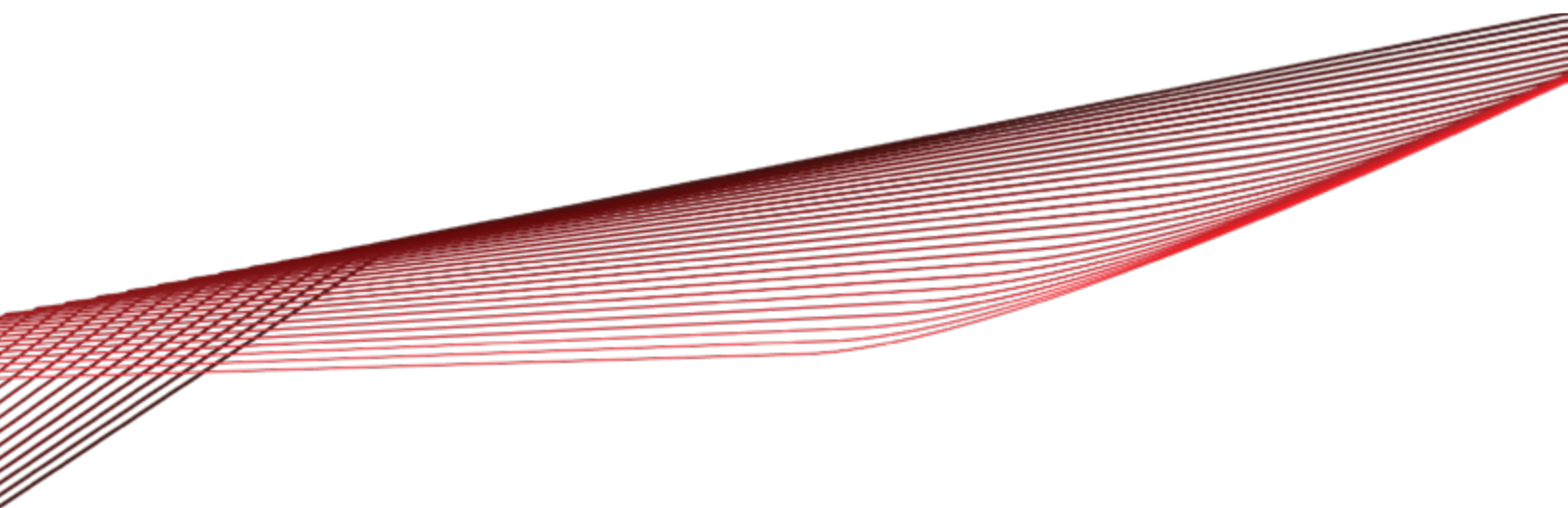




## INSTALLATION INSTRUCTIONS

Yamaha R7 - 2022+ Handlebar Riser  
Part No: **TS09185**



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.

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.

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## 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!

## YAMAHA R7 - 2022+ HANDLEBAR RISER TS09185

### Required Tools:

- Metric hex bits: 6mm, 5mm, 3mm
- Sockets: 27mm, 8mm
- Torque Wrench

### Instructions:

1. Cover the fuel tank and top sides of the fairing with shop rags.
2. Remove plastic caps from anti-rotation/alignment screws, and then remove screws. Use a 5mm hex. **(See Photo #1).**
3. Remove both damper weights from the end of the bars **(See Photo #2).**
4. Pull back the rubber grommet off the throttle housing and push down cables about 1 inch **(See Photo #3)**. Loosen, but don't remove the 2 screws using a 3mm hex. Loosen the screws enough so the 2 halves can be separated and disengage the dowel.
5. Loosen but don't remove the 2 screws holding the start/stop housing together **(See Photo #4).**
6. Loosen and remove the screw holding the front brake reservoir to its mount **(See Photo #5).**
7. Remove the master cylinder from right bar. Place a rag under it and rest it on the fairing **(See Photo #6).**
8. Remove screws holding the left side control housing together. **(See Photo #7)** Let housing rest on fairing.
9. Remove left grip **(See Photo #8)**. See step 13 for more details.
10. Place a post-it note over the steering stem nut, align and press a 27mm socket down over the nut. Loosen and remove **(See Photos #9 & 10)**. The paper will protect the nut from scratch marks.
11. Loosen both left & right triple clamp fork tube pinch bolts and rotate them out a full turn, but do not remove **(See Photo #11)**.
12. Loosen clutch lever mount pinch bolt. Use an 8mm socket – **(See Photo #12).**
13. Remove left grip with compressed air or a long, thin screwdriver and rubbing alcohol **(See Photo #13)**. Slide screw driver in approx. an inch, dribble drops of rubbing alcohol around screw driver gap and keep repeating until grip spins and can be removed **(See Photo #14)**.
14. Lift triple clamp off fork tubes and steering stem. Walk around to the front of the bike, apply rearward pressure with your shin to the front wheel as you remove the clamp. It takes the bind off and allows easier removal. Place a rag under triple clamp.
15. Loosen right side clip-on pinch bolt. Use a 6mm hex **(See Photo #15)**. Rotate slightly and remove clip-on from fork tube. Withdraw bar from throttle housing and control housing **(See Photo #16)**. Repeat on left side and slide bar out of clutch lever mount.
16. Install HeliBars in reverse order.
  - A. Install switch body and throttle assembly over end of the right bar and slide them down fork tube. Align pins & holes and tighten switch gear housing and throttle assembly **(See Photo #17)**.
  - B. Install clutch lever over left HeliBar and slide bar down left fork tube. Install left control housing, engage dowel into location hole, install hardware and tighten. **(See Photo #18)**.
  - C. Install top triple clamp and from the front of the bike apply a bit of rearward pressure to the front wheel with your shin and evenly press clamp down. Install washer and steering stem nut and just snug it down firmly at this time. Torque left & right fork tube pinch bolts to 17 ft-lbs. **(See Photo #11)**. Torque steering stem nut to 81 ft-lbs (110 NM). **(See Photo #19)**.
  - D. Rotate left & right HeliBars to align locating screw with threaded tab, engage screws and torque to 7 ft-lbs. **(See Photo #20)**.
  - E. Torque left & right HeliBars pinch bolts to 17 ft-lbs. **(See Photo #21)**.
  - F. Install front brake master cylinder as shown in **(Photo #22.)** Set Clamp evenly spaced from end of bar and start/stop control housing, adjust angle and torque screws to 7 ft-lbs. starting with the top screw.

- G. Remount reservoir to bracket. Use caution not to cross thread screw, tighten **(See Photo #23)**.
- H. Locate clutch lever as shown in **(See Photo #24)**. Adjust lever angle and torque pinch bolt to 7 ft-lbs.
- I. Install the left side grip by flooding the inside with rubbing alcohol, and then quickly slide it on while twisting until the grip is flush with the end of the bar. **(See Photo #25)**.
- J. Install damper weights by first applying thread lock (supplied) to screws. **(See Photo #26)**. Tighten damper with a 5mm hex but do not over tighten. Use a screwdriver (not a ratchet) and tighten until you start to feel resistance **(See Photo #27)**.

## IMPORTANT INFORMATION ABOUT POWDER COATED HELIBARS

HeliBars® are finished with a polyester powder coating. 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-the-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

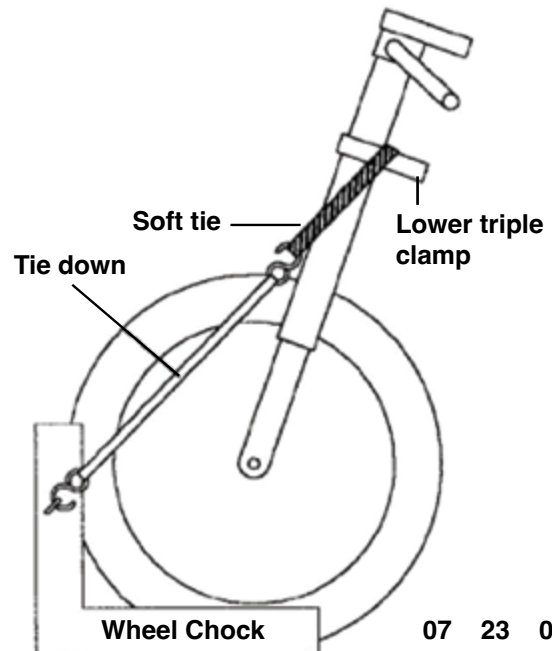
## TRAILERING WITH HELIBARS

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.



07 23 03 HGE



Photo 1



Photo 2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7

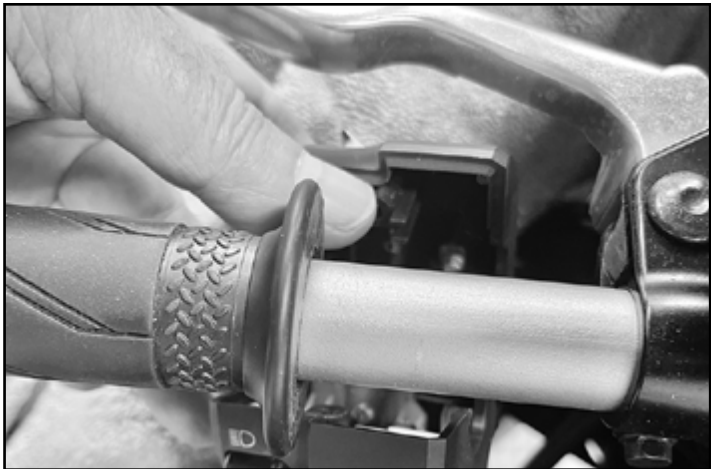


Photo 8



Photo 9



Photo 10



Photo 11



Photo 12





Photo 13



Photo 14



Photo 15



Photo 16



Photo 17



Photo 18



Photo 19



Photo 20



Photo 21

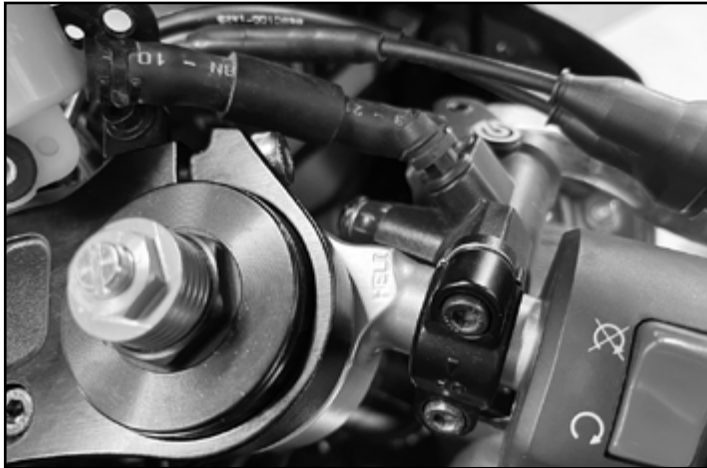


Photo 22



Photo 23



Photo 24







Photo 25



Photo 26



Photo 27



**HELI**  
**BARS**

*Comfort Without Compromise*

**Heli Modified, Inc.**

20 Industrial Way  
Cornish, ME 04020  
800-859-4642

**[www.helibars.com](http://www.helibars.com)**



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