

INSTALLATION INSTRUCTIONS

Horizon CCR

HZ13054

***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!





**HORIZON® CCR
Victory® Cross Country**

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

The Horizon-CCR handlebars are delivered with all the rotating components installed at the factory. This simplifies installation; however, none of the rotating components are torqued to spec. Once, the bars and all controls are installed and adjusted to the customers' preference the rotating components will need to be torqued to spec.

It is recommended that the fuel tank and front fender be covered with a protective layer.

1. Start by removing the headlight rign and HID headlight. The trim righ is held on with molding clips. **(See Photo #1)**
2. Remove the outer fairing shell, access two screws behind the speaker grilles. Also, the fairing winglet bolts are removed. **(See Photo #2)**
3. Remove the bracket mounting bolts so the inner fairing can be tilted forward. **(See Photo #3)**
4. Remove the left switch gear and clutch perch and set aside. Remove the heated grip which is held in place by two screws. They are accessed by pulling back on the rubber grip. **(See Photo #4)**
5. Once the grip is removed slide them it of the way to access and remove the bar end. **(See Photo #5)**
6. The plastic bar ends are easily tapped off the end of the bar using a rubber mallet. **(See Photo #6)**
7. **For 2010 & 2011 Models** you must first replace the front brak upper hydraulic line (from the master cylinder down) needs to be replaced with the longer line included with the kit. Leave the cover on the master cylinder resevoir to minimize leakage when the line is removed. After the line is installed into the factory position, bleed the front brakes per the factory service manual.
8. On the right side of the handlebar, the brake master cylinder is removed and set aside, and then the righ switch gear is loosened and removed. **(See Photo #7)**
9. A plate on the bottom of the switch gear allows access to the throttle cables. **(See Photo #8)**
10. Next tilt the fairing body up and away form the bike to gain access to the handlebar clamp. You may need a second set of hands for this task. **(See Photo #9)**
11. The handlebar top clamp has a larger gap on the rearmost half than on the front. Remember this for reassembly. **(See Photo #10)**
12. Position the Horizon CCR lower knurled mounting tube into the handlebar mounting clamp as per the stock bar. The handle bar is oriented such that the two handlebar tube pivots are on top with the two handlebar clamp screws visible on either side. Tighten the handlebar mounting clamp enough to keep the bar in position. The forward bolt goes in from the top, while the rear bolt threads up from the bottom. Final tourquing can be

done after all components are installed. (See **Photo #11**)

13. The Horizon bars are not in their final position but are loosely clamped within a rough estimate of where they should be. Eventually, you will lower them into place. (See **Photo #12**)

14. Install the left and right handlebars into the upper pivot bores. First remove the safety caps and screws from the upper pivot shaft, slide down in to the bores of the upper pivot 1 and fully seat. Replace safety caps and screws and tighten.

15. Before the throttle housing is mounted on the right bar additional throttle cable slack is required. Release the throttle cables from the stock mounts on the right side of the steering head behind the plastic cover. Let the cables rest above the stock mounting position. Install the throttle control housing onto the right bar. The right bar has the small radial groove facing the rider. Remove the inner socket head cap screw from the upper handlebar clamp, carefully insert bar until the screw captures the handle bars groove. (See **Photo #13**). Lightly tighten. Carefully install the front brake master cylinder. Tighten right control housing and master cylinder. Leave a small gap between the master cylinder and the upper handlebar clamp.

16. Install left switch gear, clutch perch and grip. Use caution and install the cap screw into the left handlebar radial groove just as with the right bar. (See **Photo #14**)

17. Reattach the inner fairing bracket to the forks. The handlebar clamps can be loosened and tightened with it in place.

18. With all controls in place and all the rotating joints lightly tightened, adjust bars to the desired position. Go to full left and right steering stops and make sure there is adequate clearance around the fuel tank console. Now lower the handlebar into place based your your fitment. (See **Photo #15**)

19. The inner fairing bracket is reattached to the forks. The handlebar clamps can be loosened and tightened with this in place. (See **Photo #16**)

20. The clamps can be loosened from underneath with a hex bit. (See **Photo #17**)

21. The adjustments are made now.. (See **Photo #18**)

22. Install the two black plastic caps into the inside ends of the left and right handlebar tubes. (See **Photo #19**)

23. Once the final bar position is determined, all pinch bolts are torqued to spec. Be sure to check for interference with the tank when turning the bars into a full lock to the left and right. (See **Photo #20**)

24. The outer fairing skin has two prongs that fit into slots on the aluminum fairing bracket. (See **Photo #21**)

After all adjustments are made, torque the following:

1. Handlebar mounting clamps (on the top triple clamp) to **16 ft lbs**.

2. Torque 10mm screw to **28 ft. lbs.** a 8mm hex drive is required.

3. Torque 8mm screw to **12 ft lbs.** a 6mm hex drive is required.

4. Torque the two handle bar pinch bolts (M8) to **12 ft lbs**. Install 4 chrome covers supplied in these screws.

Double check all hardware for proper tightness including all controls.



!! CAUTION!! BARS MUST BE TORQUED TO SPECIFIED VALUES. THEY MUST NOT BE OVERTORQUED. OVERTIGHTENED HARDWARE CAN LOSE INTEGRITY.

**HELI MODIFIED, INC. ASSUMES NO LIABILITY FOR ANY INJURY OR LOSS OF PROPERTY WHICH MAY RESULT FROM IMPROPER USE OF PRODUCT.
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Photo # 2



Photo # 4



Photo # 1

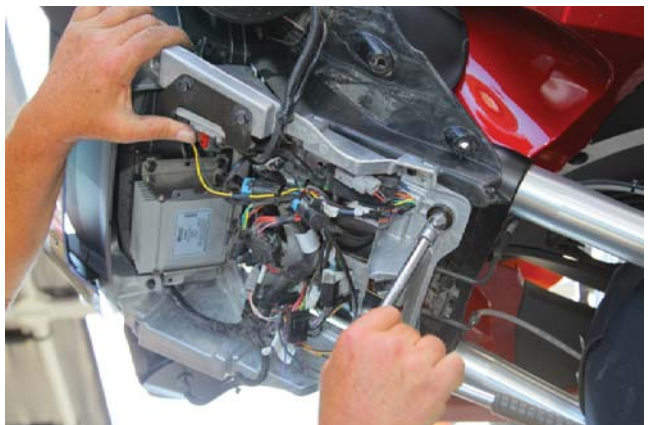


Photo # 3





Photo # 6



Photo # 8



Photo # 5

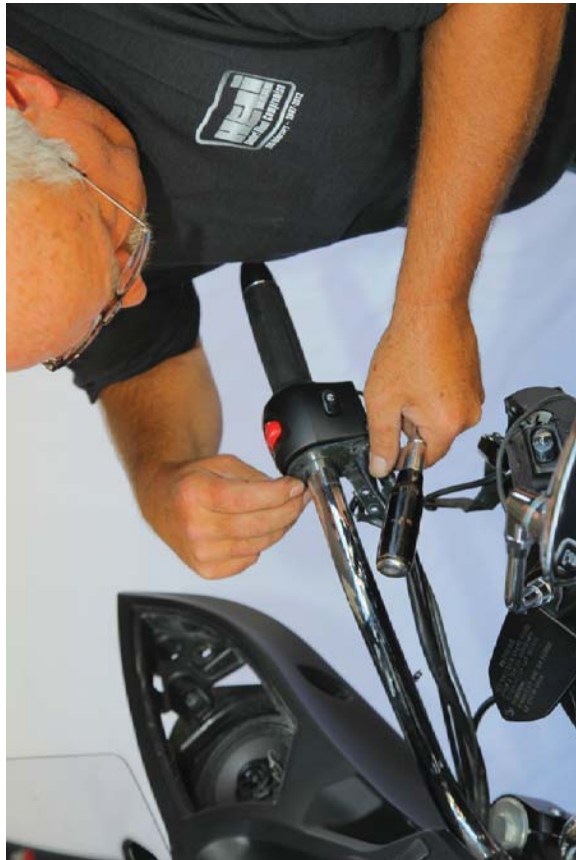


Photo # 7





Photo # 10



Photo # 12



Photo # 9



Photo # 11





Photo # 14



Photo # 16



Photo # 13



Photo # 15





Photo # 18



Photo # 20



Photo # 17



Photo # 19



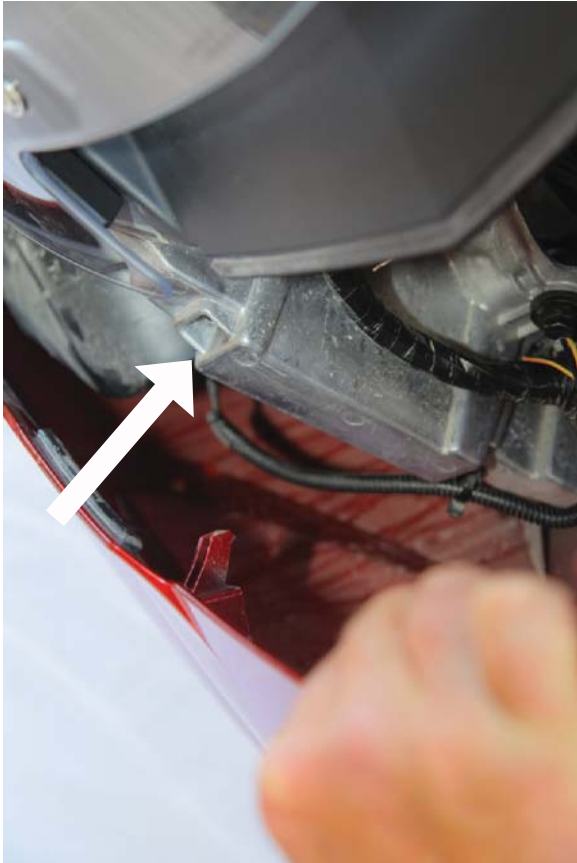
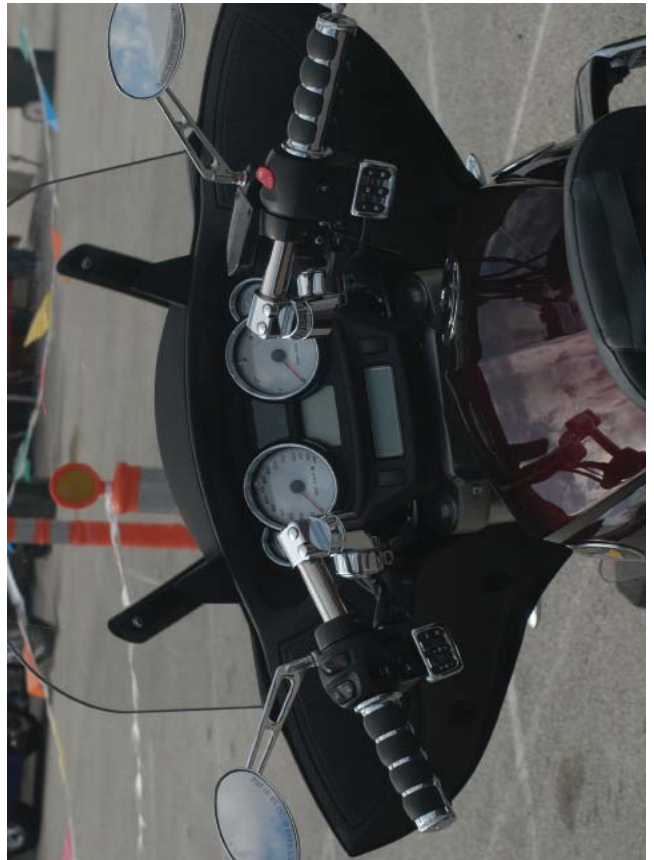


Photo # 21



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.

