

INSTALLATION INSTRUCTIONS

BMW
2005-2012 R1200RT
2001-2005 R1150RT
1995-1996 R1100R
1994-1996 R850R

HeliBars Handlebar Relocation Adapters
Part # HR05066

***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!





BMW Models:

2005-2012 R1200RT

2001-2005 R1150RT

1995-1996 R1100R

1994-1996 R850R

Installation Instructions – Part # HR05066

1” (25mm) Taller, 1” (25mm) Rearward

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

NOTE: We recommend installing one set back riser at a time to reduce complexity and protect the painted surfaces.

PLEASE NOTE: 2010 and later models only utilize 3 bolts per side due to BMW stock setup.

- 1) Place a soft towel or large clean shop rag over the fairing and fuel tank.
- 2) Remove the (4) 8mm screws holding the left bar in place, (use a T45 Torx bit) remove bar. Take caution not to drop O-ring that seals fork tube mounting bolt. (See photo 1).
- 3) Install the left riser with hardware provided. Torque the (4) m8x30 stainless steel screws to 14 ft. lbs. Note: The left riser has an L engraved. (See photo 2) Do not forget to re-install stock O-ring first if it was disturbed.
- 4) Place the left handlebar over the riser, align with the (4) mounting holes and install the factory torx head screws and torque to 14 ft lbs. (See photo 3)
- 5) Repeat steps 2-4 and install the Right side riser and bar. Remember to torque all hardware to 14 ft. lbs.
- 6) Turn the forks all the way to the left. On the right side, place a cable tie as shown in and tighten. This will provide the needed slack in the front brake hydraulic line when the bars are turned all the way to the left steering stop. Make sure the cable tie goes around the tubular fairing mount and around the hydraulic line.

7) NOTE: 2010 AND UP R1200RT STEP 7 IS NOT REQUIRED. Reposition the clutch hydraulic line. (See photo 5A) Remove the banjo bolt from the master cylinder. Use a T40 Torx bit. Make sure all plastic is covered. Do not touch the clutch lever while the hydraulic line is removed from the master cylinder. Very little fluid will leak from the line or the master cylinder. Bring the line up behind the top fork clamp, keep it inside the wire looms and re-attach to the master cylinder. Make sure the two sealing washers are on either end of the banjo bolt and install. Torque to 12 ft. lbs. (See photo 5B) Any air bubbles should be released back into the master cylinder. If the clutch does not operate properly after it is pumped several times, bleed the system. CAUTION: Use BMW Mineral oil only if fluid is needed. Use the 2nd cable tie provided to attach the clutch hydraulic line to the fork tube as shown in photo 5A.

8) FOR 2010 AND UP R1200RT ONLY: Bend the “D” shaped wire bail and slide the front brake line in beside the throttle cables gaining additional slack. Re-bend wire bail into place. At the master cylinder loosen the two T25 screws fastening the cylinder assembly to the right bar, next loosen the T45 screw holding the line banjo bolt and rotate to gain more slack. Re-tighten all bolts. Gently tug on the throttle cables under the left steering column to gain additional slack from under the fuel tank.

9) Double check all work performed.

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





Photo # 2

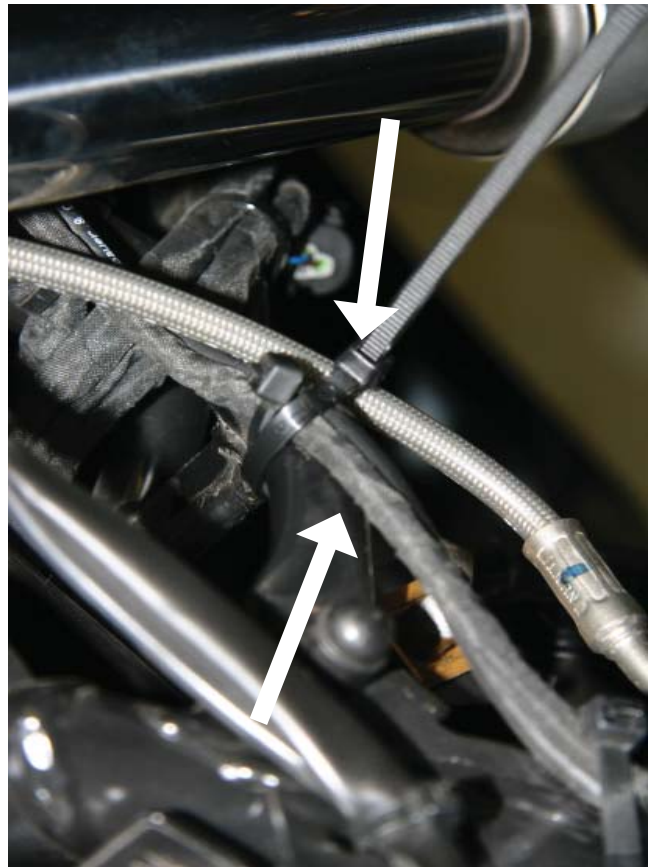


Photo # 4



Photo # 1



Photo # 3





Photo # 5B



Photo # 5A



IMPORTANT INFORMATION ABOUT POWDER COATED HELIBARS

HeliBars® are finished with a polyester powder coating from Morton Powder Coating Company (www.mortonpowder.com) 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-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.

