

INSTALLATION INSTRUCTIONS

2006-2011 BMW R1200S
TracStar™ Replacement Handlebars

P/N: TS05031

***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!





2006-2011 BMW R1200S
TracStar™ Replacement Handlebars
Installation Instructions
P/N: TS05031
1 3/4" Taller ~ 3/4" Rearward ~ 1 1/2" Wider

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

NOTE: Torque bits are required to remove all screws.

- 1.) To remove left handlebar:
 - a. Remove bar end weights.
 - b. Remove the clutch master cylinder from the left bar.
 - c. Remove the forward plastic control housing cover (2 screws). Loosen the two screws that sandwich the bar between the forward plate and the rear half of the left control housing (PHOTO 1).
 - d. Remove the two screws attaching the left handgrip sleeve to the left bar tube-1 on top and 1 on the bottom (PHOTO 2).
 - e. Loosen the two screws clamping the left bar to the triple clamp. Only the inner most screw needs to be removed to withdraw the stock bar.
- 2.) To remove right handlebar:
 - a. Remove bar end damper weight.
 - b. Remove front brake master cylinder from the bar.
 - c. Remove forward plastic control housing cover. Loosen throttle housing clamping screw.
 - d. Loosen the two screws clamping the right bar to the triple clamp. Only the innermost screw needs to be removed to withdraw the stock bar.
- 3.) Installation of the HeliBars:
 - a. Installation is simply a reversal of steps A & B.
 - b. The left TracStar has two small holes drilled through the handlebar tube.
 - c. Install left and right TracStar HeliBars as per the original layout. See photo 4 & 5. Slide throttle assembly onto Right bar tube before engaging into the triple clam mount. Use the same technique on the left side.
 - d. Take care when screwing the two halves of the control housing together. Make sure the wire loom grommets are correctly positioned. (See PHOTO 3 for reference).
- 4.) Positioning TracStars and torque pinch bolts:
 - a. Although the HeliBars for the R1200S can be rotated forward and back in the triple clamp mount, very

little of this rotation is usable due to the effect it has on lever angle and fairing clearance. Adjust the right TracStar and the throttle/front brake lever positions so that the kill switch lever has at least 1/16 inch clearance from the fairing windscreen mount when the fork is turned to the left steering stop. See photo 6.

b. Make sure the inner pinch bolts engage into the radius slots cut into the mounting shaft when the bars are installed into the triple clamp.

c. Rotate the bars to obtain the best lever angle and torque the four 6mm pinch bolts (2 per side) to 8ft lbs (96 inch lbs).

To gain additional front brake hydraulic line slack, remove the cable tie that holds the line to the frame and release it. Also, it can be helpful to rotate the banjo fittings at the master cylinder to gain a slightly better angle. If the bar is rotated too far rearward and the brake lever angle is high, this can use up precious slack.

CAUTION: After installation is complete, start the machine and with the bike in neutral go to left lock and then to right lock and confirm that the RPMs do not change and that the front brake hydraulic line does not catch on the ignition housing.

Double check all work performed.

!! 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 INSTALLATION OR USE OF ANY HELIBARS.

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Photo # 2



Photo # 4



Photo # 1



Photo # 3





Photo # 6



Photo # 5

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



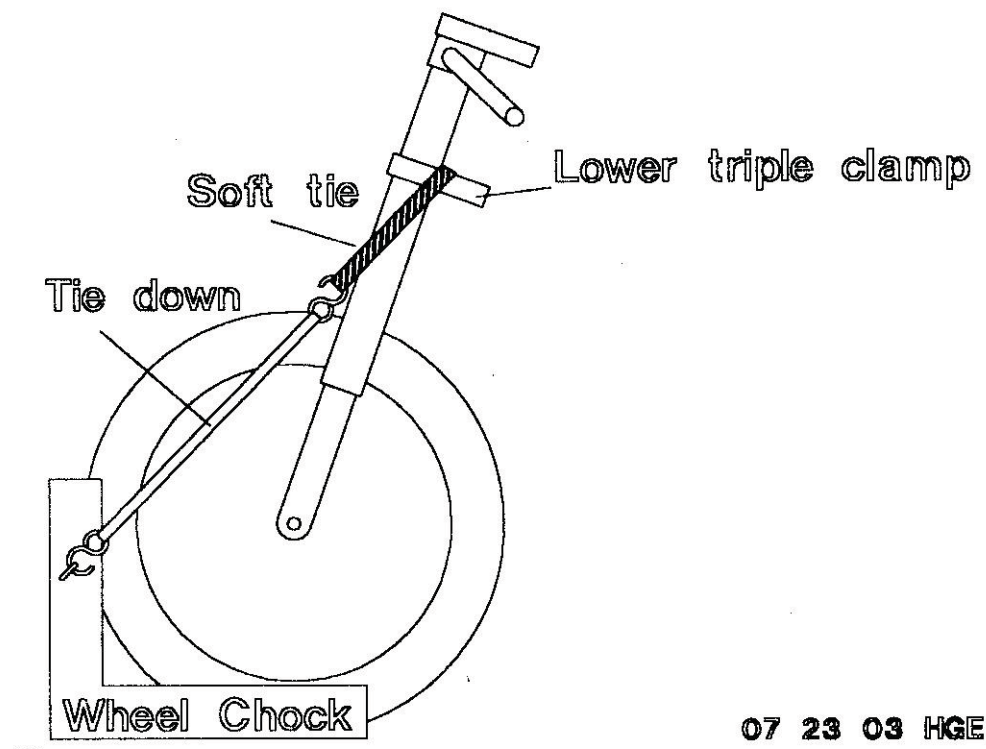
Trailing with HeliBars®

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.



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