

INSTALLATION INSTRUCTIONS

**Indian Challenger/Pursuit
HeliBars® Tour Master Handlebar
Part # HB15173**

***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.**

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

Thank you for your order. We make every effort to build a quality product so you can fully enjoy your riding experience.

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 you are not satisfied for any reason, you can return the HeliBars® product to us. 100% refund (product purchase price only) will be extended on any new, unused and unaltered item in original packaging. ***There is a 10% restocking fee on products returned after installation.***

Conditions of Return Policy:

- . A Return Authorization Number must be obtained from us before you return the product.
- . 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, and for product purchase price only.
- . Bars must not be used as a tie down point. (See attached ‘Trailer Instructions’).
- . Bars cannot be damaged, dented, or altered in any way.
- . Bars cannot be overtorqued.
- . 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.
- . Credit will be issued to original payment method upon receipt of product and inspection.

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.





Indian Challenger/Pursuit

Installation Instructions – Part # HB15173

0-6” Taller, 4” Closer to rider

TOOLS REQUIRED: Torque wrench and allen (hex) bits

1. Remove the fuel tank and the fairing front cover, as well as removing the stock handlebars. J & P Cycles has a very good video on YouTube (<https://youtu.be/VM2Kk3wArAA>) that detail removing these components. (See **Photos #1 & 2**) showing fuel line and connector removal.
2. Remove clutch and front brake master cylinder. Wrap in shop rags. You will need to remove the left housing covers to unconnect wire going to clutch lever. Remove the chrome control housing covers using a T20 Torx screw driver. (See **Photo #3**). There are 2 screws. Left side shown.
3. Remove the stock handlebars from the mounting clamp.
4. Remove the control housing. (Left side shown) Loosen and remove the 2 screws. (See **Photo #4**)
5. Take a close up photo of the connections to aid in re-assembly. **Photo #5** shows the left side. The **blue arrow** is the left heated grip connector. Disconnect all connectors by pushing in the release tabs.
6. Disconnect L & R control connectors then carefully remove wire looms from handlebar.
7. Tour Master handlebars are provided with twine (internally) in both the L & R grip tubes that exit at the base of the handlebars. The wiring harness has one wire loom going to the left grip and two looms on the right.
8. Tie the twine to the single loom of the left side and gather the two looms of the right side and tape them together. Tape with electrical tape the leading edges to smooth them out for transition from larger diameter to a smaller diameter. (See **Photo #6**) to see how the forward edge of this connector is applied, blue arrow. Avoid taping the connector to the thicker area in the loom ahead, see red arrows. Tie twine behind lead connector, green arrow. Keep the two right side looms as narrow as possible as you carefully pull the left side and the right side until all the connectors emerge from the bar.

9. Connect the fly-by-wire connector to its lead connector. (See **Photo #7**) Carefully insert into bar fly-by unit into grip tool. (See **Photo #8**)
10. Carefully re-attach control housing units and connectors. Leave left side chrome covers off until bar is mounted to bike and clutch lever wire lead is connected.
11. Re-attach handlebar clamp mount to Tour Master knurled base, rotate mount to relative clocking (like stock position) and starting with the forward two pinch bolts facing up, torque them to 18 ft. lbs. followed by the two closest to the rider, facing down. To adjust handlebars after they are installed loosen the two rear (facing down) screws to adjust up or down and re-torque. Mount handlebars to bike after you clean mounting bolts and apply thread lock (See **Photo # 9 & 10**). Then install. Torque mounting bolts to 60 ft. lbs.
12. Adjust bars up or down by loosening the rear two down facing screws then re-torq them to 18 ft. lbs., re-assemble fairing, seat, side covers and fuel tank. Make sure all hand controls and buttons work as designed.

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

For questions regarding installation please call 1-800-859-4642.

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Photo # 2



Photo # 4



Photo # 1



Photo # 3



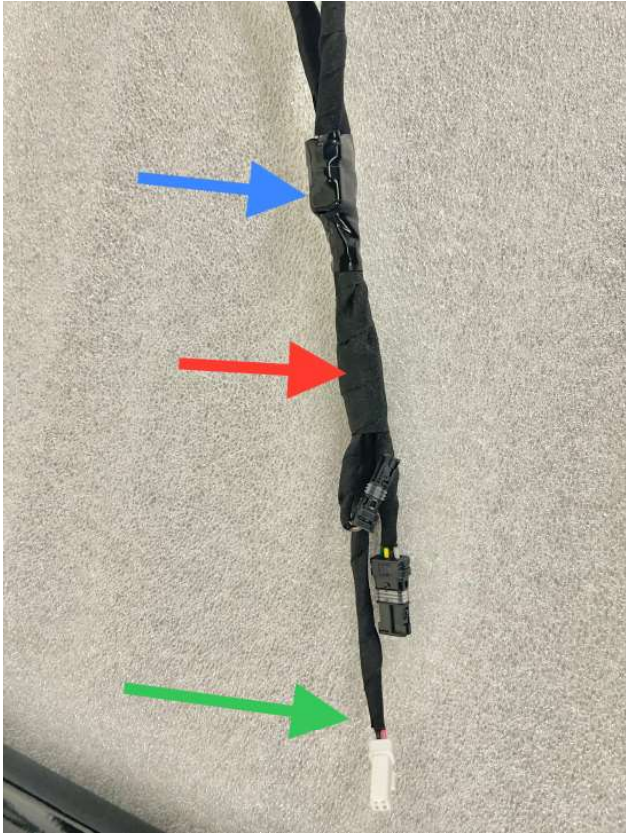


Photo # 6



Photo # 8

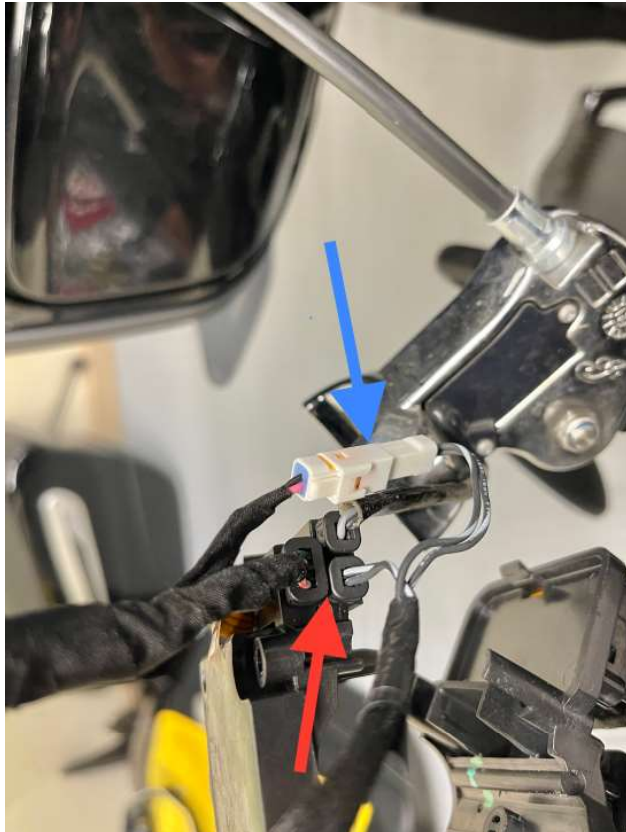


Photo # 5



Photo # 7





Photo # 9



Photo # 10



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.

