

INSTALLATION INSTRUCTIONS

Harley Davidson Pan America 2020+

HeliBars Handlebar Adapter
Part # HR10163

***IMPORTANT:
PLEASE GIVE CUSTOMER ENCLOSED INFORMATION!***

HELI BARS



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.
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 ‘Trailing 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!





HeliBars® HandleBar Riser for Harley-Davidson Pan America Installation Instructions – Part # HR10163

2” (50mm) Taller, 2” (50mm) Closer to Rider

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

1. Cover fuel tank with a protective material.
2. Before bars are removed from risers, swap the position of the front brake hydraulic line and right side control housing wire loom. You will remove right hand guard and master cylinder to accomplish.
 - a.) Remove the reusable rubber cable ties from the left and right sides of the handlebars.
(See Photo #1 & #2)
 - b.) Using a T27 screw driver remove the two screws securing hand guard to mount. **(See Photo #3)** Pull the damper end of the hand guard forward to disengage and set the hand guard out of the way
(See Photo #4)
 - c.) Loosen and remove the two screws holding the front brake master cylinder in place. Hold onto mirror/cap and set aside. **(See Photo #5)**
 - d.) Remove electrical connector from master cylinder by pressing small tab up on the bottom of the male connector. **(See blue arrow Photo #6)**
 - e.) Feed the master cylinder carefully down between the handlebar and the wire loom.
(See Photo #7)
 - f.) Remount master cylinder to the right side of the handlebar and carefully position wire loom as shown in photo #8. **(See Photo #8)**
 - g.) Put right mirror/cap assembly into place, install screws and tighten starting with the top screw first.
(See Photo #9) Re-connect wire connector, see red arrow.
 - h.) Carefully position and remount right hand guard making sure to tighten the top screw first.
(See Photo #10)
3. Loosen and remove the screws and caps. Hold onto bars to keep them from flopping down.
(See Photo #11) Use a T45 Torx. Place a rag around the handlebars to keep them from contacting the stock risers.
4. Place the left side control housing wire loom behind the left riser. **(See Photo #12)** Place the right side control housing wire loom. You will need to temporarily remove front brake hydraulic line from its wire stay to move wire loom behind right side riser. Place hydraulic line back into wire stay.
(See Photo #13)
5. Set the adapter on a rag and locate the 4 M8x30 socket head cap screws. **(See Photo #14)**
6. Wipe the tops of the factory handlebar risers and put adapter in place. Start all 4 screws and thread them most of the way down. Start with the two forward screws (closest to instruments) and torque them to 16 ft. lbs. Torque rear two screws to 16 ft. lbs. **(See Photo #15)**

7. Carefully position the handlebars into the mounts, adjust left or right to center them and place one of the caps over the bar. Orient the cap so the end with the island (on the base) is facing forward. **(See Photo #16)** Start both screws, adjust bar up or down and snug forward screw first. Install second cap and screws and make sure to snug forward screw first. Make sure bar is adjusted and torque the forward two screws to 16 ft. lbs. followed by the rear screws. Use a T45 torx. **(See Photo #17)**
8. Using one of the cable ties provided place it around the clutch hydraulic line and the left side wire loom and tighten it. Place cable tie at the narrow part of the riser. Carefully cut off remainder. **(See Photo #18)**
9. Place the second cable tie provided around the right wire loom and the top of the right side handlebar stock riser as shown in photo 19. **(See Photo #19)** Do not put the cable tie around the front brake hydraulic line. Trim excess.
10. Carefully reposition the rubber cable ties around the bars and the control housing wire looms. **(See Photo #20)** Move the bars to full left and right side steering stops and check that nothing pulls too tight or that bar component contact stationary parts. Adjust bars if necessary.

!! 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. HELI MODIFIED, INC ASSUMES NO LIABILITY FOR ANY INJURY OR LOSS OF PROPERTY WHICH MAY RESULT FROM IMPROPER INSTALLATION OR USE OF ANY HELIBARS PRODUCT.





Photo # 2

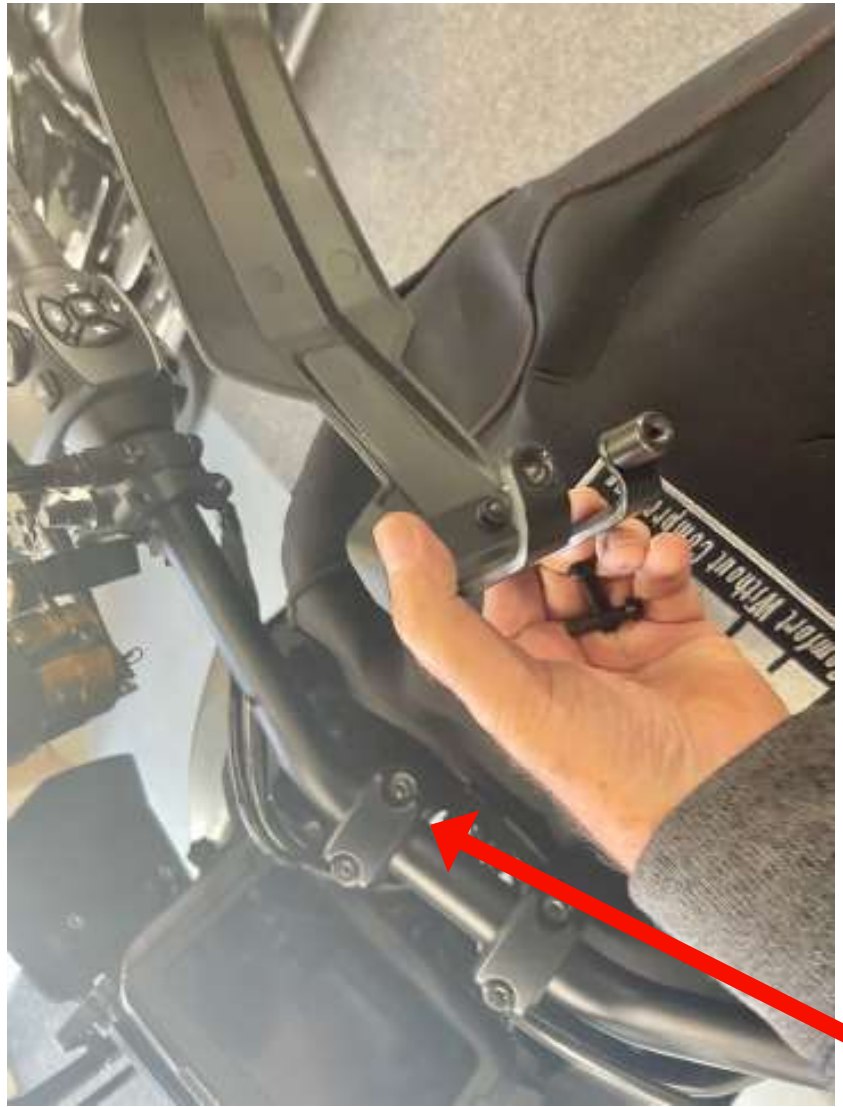


Photo # 4



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



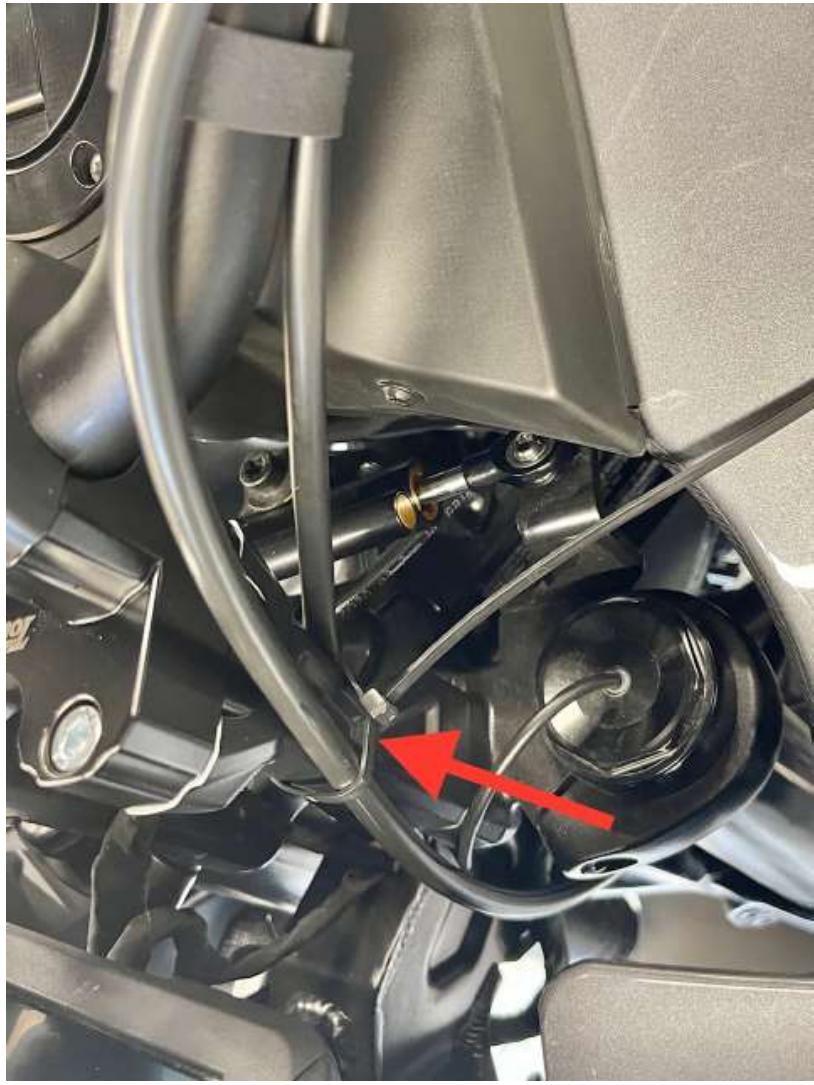


Photo # 18

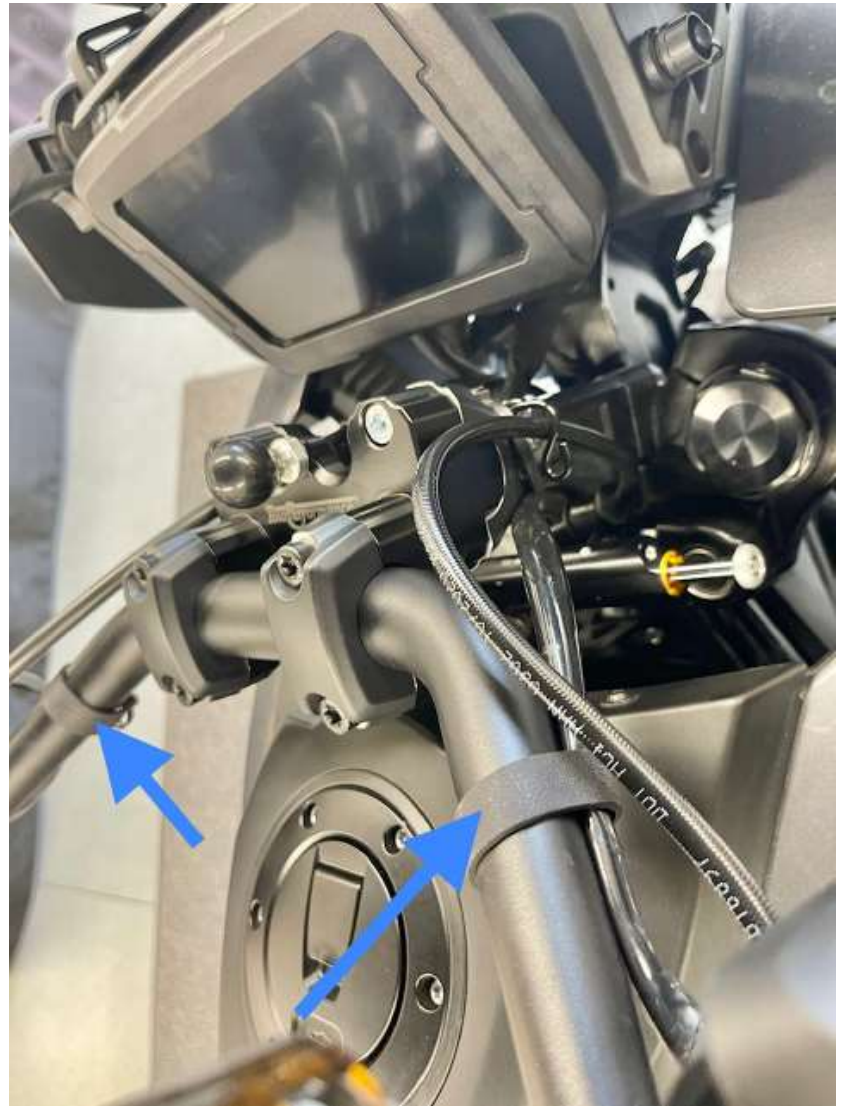


Photo # 20



Photo # 17

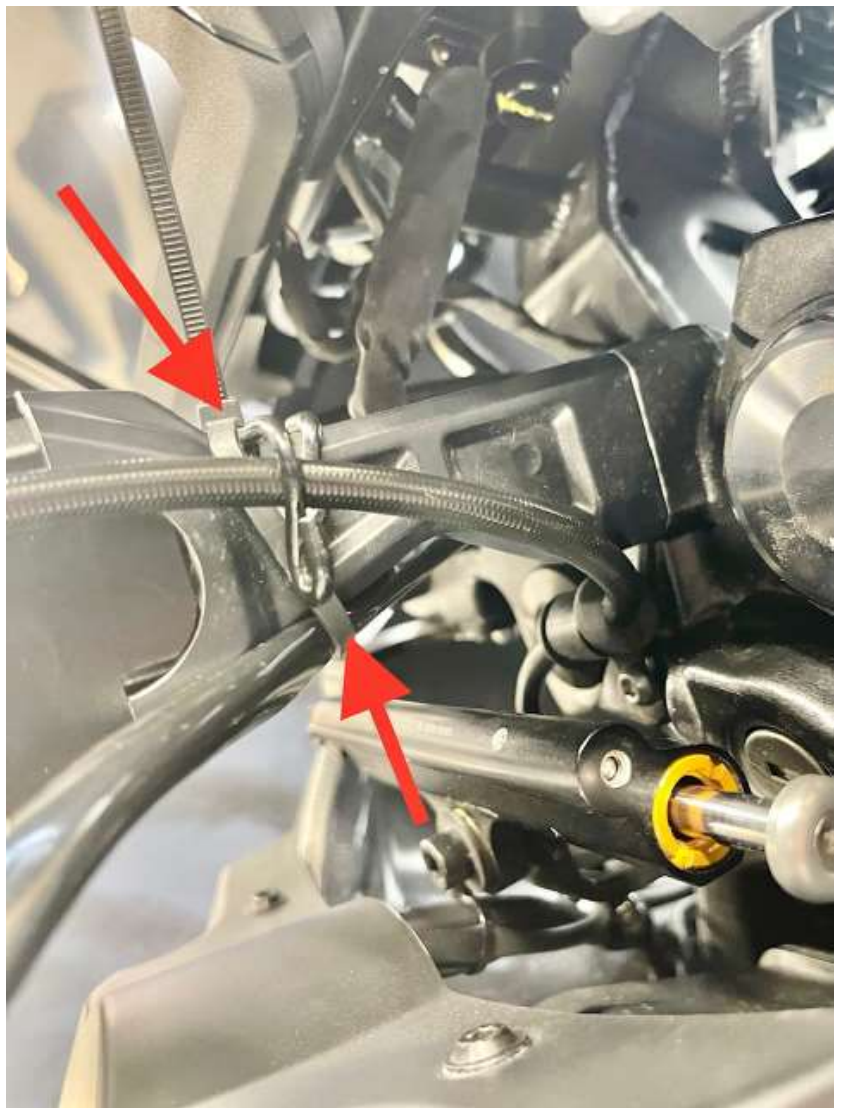


Photo # 19



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



~ PO Box 638 ~ 20 Industrial Way ~ Cornish, ME 04020
Toll Free: 800-859-4642 ~ Int'l: 207-625-4642 ~ Fax: 207-625-3024 ~ www.HeliBars.com

Trailer 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.

