

INSTALLATION INSTRUCTIONS

HeliBars Tour Performance Duo Handlebar Risers **2018+ Honda GL1800**

P/N: HR01134

IMPORTANT:
PLEASE GIVE CUSTOMER ENCLOSED INFORMATION!



Thank you for your HeliBars® purchase.

HeliBars are designed to increase your long distance comfort and improve the handling of your motorcycle, and we feel confident you will enjoy them. The Horizon LST is the most technologically advanced handlebar system to ever grace a motorcycle. Many safety features have been included in the design. It is of the utmost importance the bars are installed by a mechanic with good mechanical skills following the installation instructions provided.

HeliBars INSTALLATION

DANGER: IMPROPER INSTALLATION COULD RESULT IN SERIOUS INJURY OR DEATH. HAVE A QUALIFIED MECHANIC INSTALL YOUR HeliBars.

BRAKE FLUID CAN BE CORROSIVE TO PLASTIC & PAINT. PLEASE USE CAUTION WHEN WORKING WITH YOUR HYDRAULIC SYSTEMS. ENSURING ALL WORK AREAS ARE PROTECTED.

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.



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!





Installation Instructions
2018+ Honda GL1800 All Models
Tour Performance Duo Handlebar Risers
P/N: HR01134

Sport Height: 5/8" Taller ~ Forward Offset 3/4" ~ 1 1/4" Wider ~ 1.3 Degrees Decrease Angle
Touring Height: 5/8" Taller ~ Rear Offset: 2 3/4" ~ Slight Increase to Rear Angle

We have included two distinct handlebar position in one adapter. The Sport Position gives long armed riders some elbow room and the 1 1/4" width more relaxation in the shoulders.

The Tour Position brings the handlebars back closer to the rider nearly 3 inches to relax the upper body while maintaining excellent handling.

Warning:

If the center console is not removed correctly it will be damaged. Move it all the way forward until it contacts the fairing, then carefully pull it straight up to release. There is a tooth on the forward console mount that keeps it from releasing unless it's moved completely forward.

Required Tools:

- 8MM hex drive
- 6MM hex drive
- 5MM hex drive
- Torque wrench (foot pounds)
- 8MM socket
- 10MM wrench
- Exacto knife
- Silver Sharpie, Coping saw, Dremel tool and sandpaper

Instructions:

We highly recommend watching Harry's install video for the HeliBars Duo Adapters.

- 1.) Place painters tape on both sides of the console. (Photo #1).
- 2.) Carefully pry up the left and right body panel until it's mounting tab releases. (See **Photo #2**)
- 3.) Remove screws with 5MM hex ball end. Remove push pins by pulling center forward. **Do not attempt to pull body panels up high enough to access screws straight down from the top.** This could over flex the body panel and damage the paint surface! Use the ball end 5MM at a slight angle. (See **Photo #3**).
- 4.) Push the console forward until it contacts the main fairing, then pull it straight up to release. (See **Photos 4 & 5**). Lift the console up out of the way and hold it in place with a rag. Remove the two Phillips screws holding the fork top plastic cover in place and remove cover. Don't drop screws. We highly recommend you remove the screws with a magnet.
- 5.) With an 8mm socket loosen the bolt that holds the right side metal stay in place. Holding the right side hydraulic line and wire looms, rotate counter clockwise (until it almost contacts the steering stem nut) and re-tighten. (See **Photos #6 & 7**).
- 6.) Using a 14mm socket, loosen and remove the mounting bolts and washers from the left handlebar and place it on a rag. (See **Photo #8**).

IMPORTANT: To reduce the chance of the console's assembly screws contacting the tops of the handlebar mounts at Left & Right steering stops the following adjustments need to be performed.

A. Loosen the top and bottom mounting bolts that attach the forward console mounting bracket to the fairing frame (See **Photo A**) using a 10mm wrench. The top bolt can be loosened and tightened from the left side of the mount because it has a weld nut in place. (See **Photo B**)

B. Push up firmly on the mount while holding 10mm wrench on the right side lower nut and tighten. (See **Photo C**) This will increase the forward height of the console and produce additional handlebar clearance. Tighten the upper bolt.

- 7.) Place the left side HeliBar adapter into position over the left handlebar mounting holes, install 2 of the Provided M10 x 1.25 x 25mm socket head cap screws and thread them by hand until both screws have started smoothly turning. Torque to 20ft lbs using an M8 hex drive. (See **Photo #9**)
- 8.) Put the left handlebar into position over the adapter and install two of the button head screws provided. If the sport position is chosen, place one of the washers from the factory bolts under the inner button head screw as shown in (**Photo #10**). If the touring position desired, no washer is required on the inner screws (**Photo #11**) Make sure the rubber coated wire looms do not get pinched between handlebar and adapter. Torque to 20 ft. lbs. Make sure the wire looms rest below the handlebars mount.



9.) Remove right handlebar. Install right side HeliBar adapter. If the sport position is chosen, place one of the washers from the factory bolts under the inner button head screw as shown in (**Photo #10**). If the touring position desired, no washer is required on the inner screws (**Photo #11**) Torque to 20 ft lbs using the last two socket head cap screws in the same sport or tour position chosen on the left side. Install right handlebar onto adapter and install the button head screws as per step 7 and tighten by hand until it bottoms out and torque to 20 ft lbs. Make sure wire looms are below handlebar base flange and the front brake hydraulic line is on top of adapter, cable tie. (See **Photo #12**) If being installed on a standard 6 speed, place a cable tie around the clutch hydraulic line and wire looms, same as the right side.

10.) Cut out the template provided with an Exacto knife. Making sure to choose the sport or tour template If the bike is a 6 speed standard, also cut out the dashed lines for the clutch hydraulic lines as shown in (**Photo #13**)

11.) Line up the template on the fork top plastic cover by centering the two mounting screw holes. Use tape to hold template in place. Fold the front down and tape. (See **Photo #14**). Mark around the template with a sharpie silver metallic marker. It's the only color that shows up on black plastic. (See **Photo #15**) The best tool to trim plastic is a coping saw. A hand coping saw is fairly inexpensive. Carefully trim to the sharpie line and smooth out the edge with a dremel or sand paper. DO NOT mar the surface of the cover! Re-install cover as shown in (**Photo #16**)

12.) Install center console in reverse of disassembly. At this time make sure that the console is engaged completely into the forward mount. Slide back to align the rear screw holes but do not install screws. Place tape on the handle bars as shown in (Photo #17). Slowly move the handlebars to the left and right steering stops and confirm there is no contact between the handlebar mounting base and the bottom of the console. Bend down and view below the console as you turn the bars and confirm there is a gap and no contact. If there is no interference install the 2 push pins and the 2 screws and push the body panels back together. Remove tape. If additional console clearance is required carefully remove the console once again and flop it backwards out of the way.

TO GAIN ADDITIONAL CLEARANCE

A. On the bottom of the console stay is an attachment clip holding a wiring harness in place. (See Photo D) Using a pair of pliers, compress the two outside fingers and push the harness back until the clip disengages. Push the harness forward and up so it doesn't slide back into the hole. (See Photo E).

B. There is a bore in the console stay that runs from just above where attachment clip was just removed. When the bore is located a Phillips head screw can be felt that hold a rubber bushing in place at the bottom of the dash. (See Photo F) Photo was taken from down below the stay looking up at the rider. Using a medium length Phillips screwdriver loosen the screw 4-6 complete turns. If screw starts to fall out push it back into place and engage the threads so it won't fall out.

C. Remove the upper and lower stay mounting bolts with a 10MM wrench. Loosen and remove the upper bolt by pulling it out on the left side. Remove the bottom bolt using two wrenches. Remove the nut and fish out the bolt on the right side. Pull down and forward to expose the lower bolt hole below it's frame mount. (Photo G)

D. Push out the lower spacer with a small screwdriver or similar. (Photo H)

E. Re-install the upper stay mounting bolt from the left side. Screw it in but don't tighten. Re-install lower



bolt from the left side. Re-install nut and rotate it in but don't tighten. The lower mount tabs on the fairing frame are soft and easily bend. Push them back into position if necessary.

F. The tricky part now is keeping bottom pressure on the console stay while tightening mounting bolts. (Photo C) An assistant would be helpful.

G. Put wire harness clip back into position. Re-tighten Phillips screw inside stay bore (Photo F)

H. Re-test clearance after repositioning console back into position. Install push pins and mounting screws. Remove all tape. Push body panels back into place.

**!! 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.**





Photo # 2



Photo # 4



Photo # 1



Photo # 3





Photo # 6



Photo # 8



Photo # 5

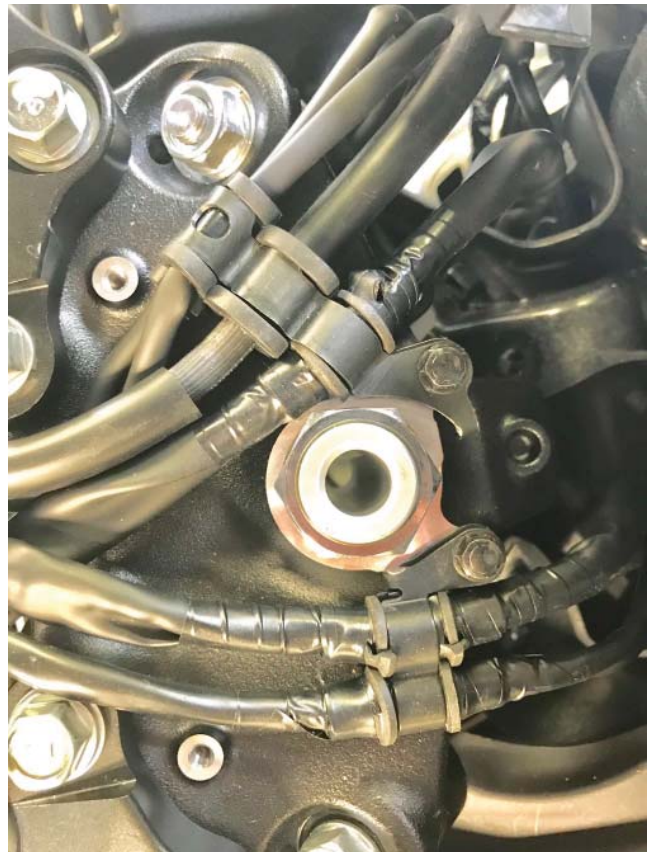


Photo # 7





Photo # 10

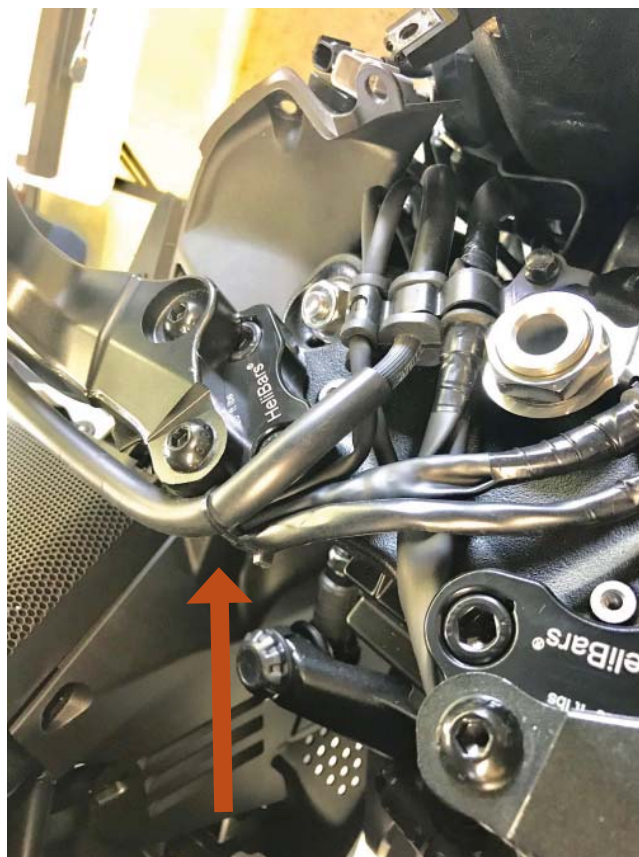


Photo # 12



Photo # 9

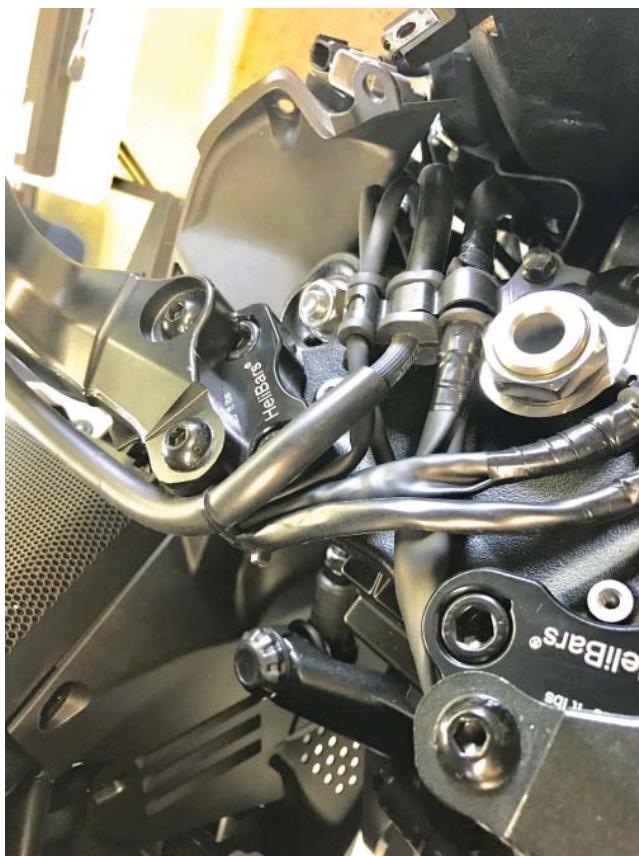


Photo # 11



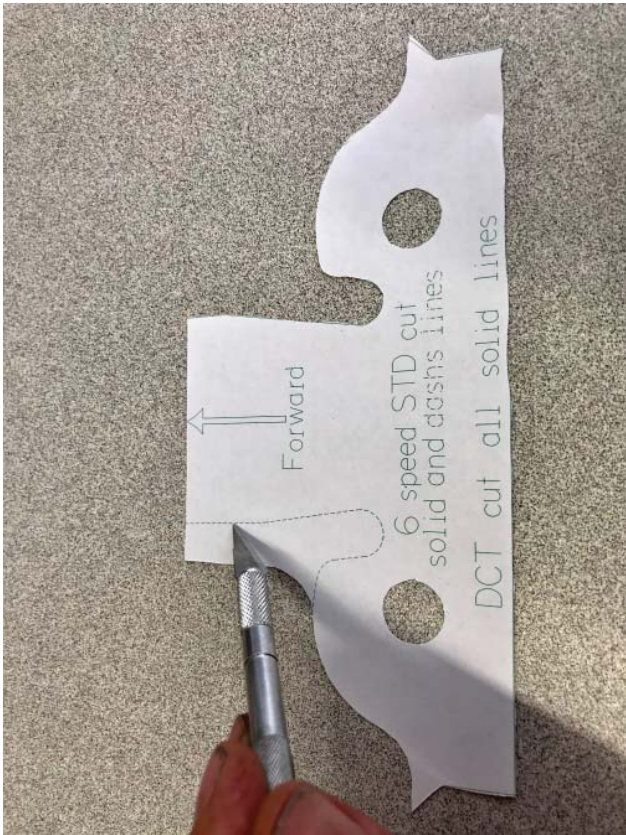


Photo # 13



Photo # 14



Photo # 15

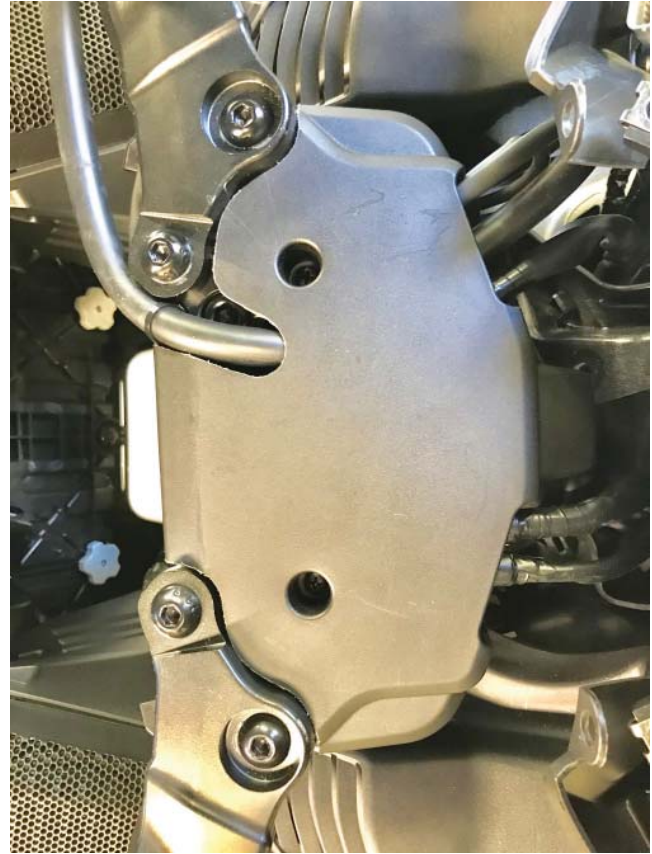


Photo # 16

Photo # 17





Photo # A



Photo # B



Photo # C



Photo # D



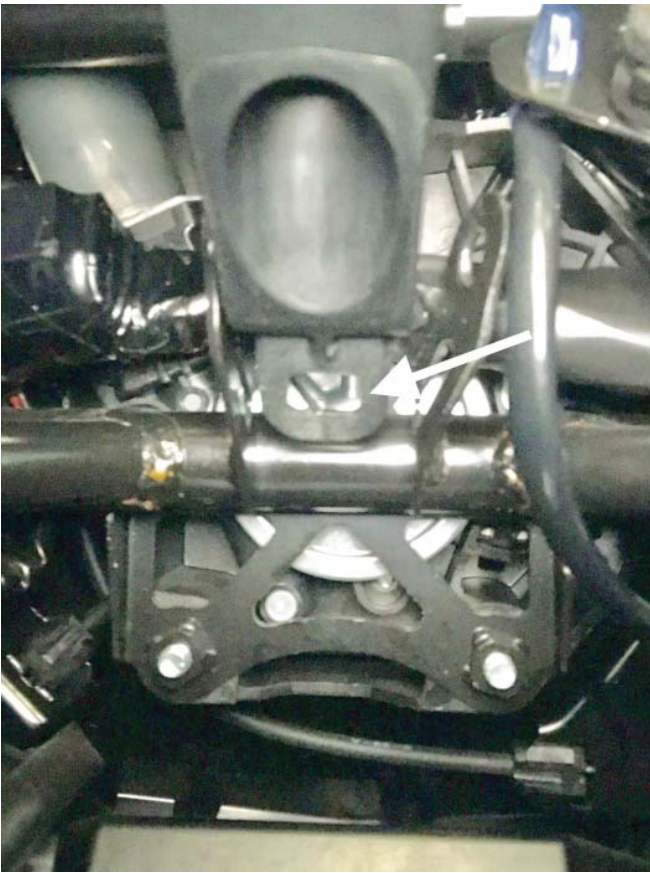


Photo # E

Photo # F

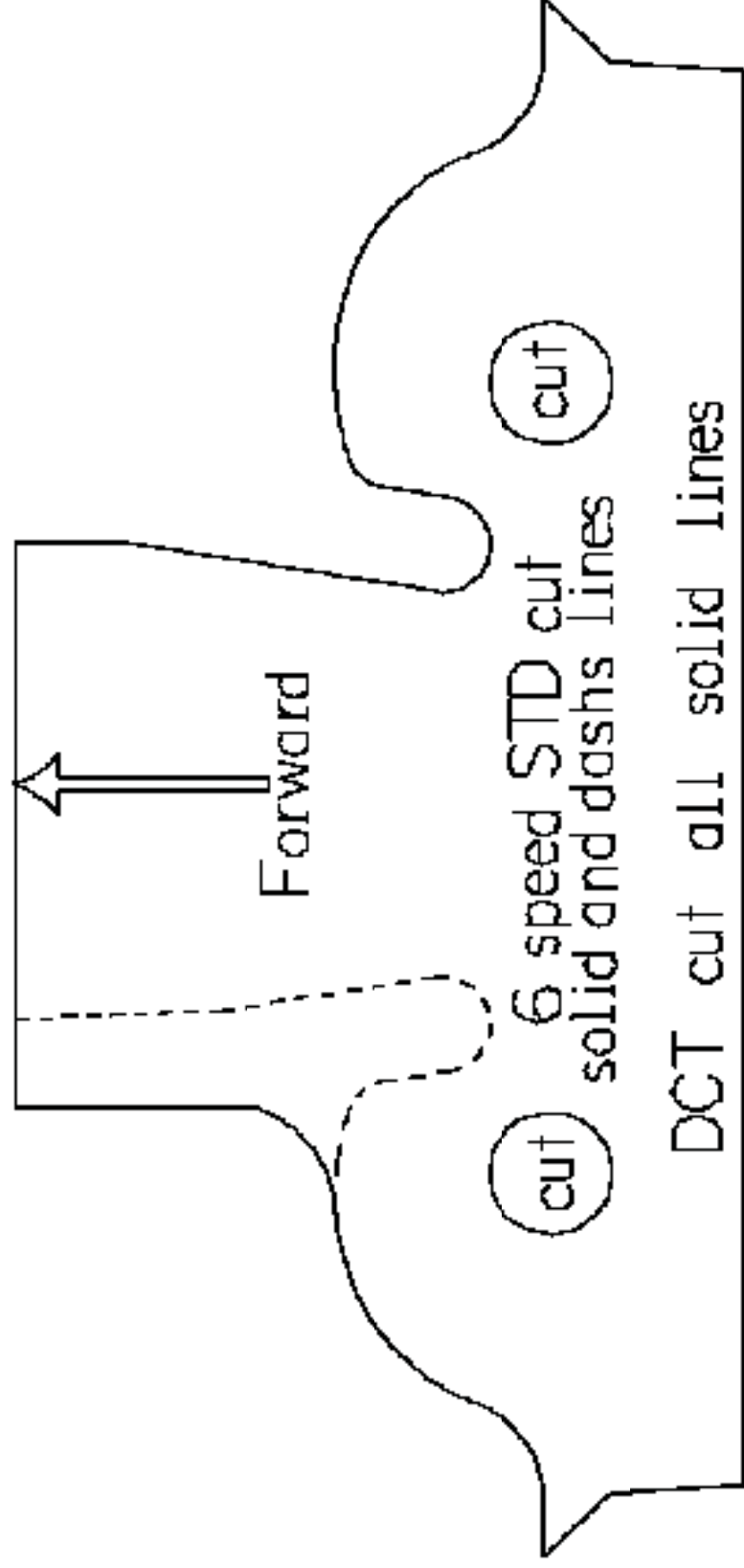


Photo # G

Photo # H



Touring Position

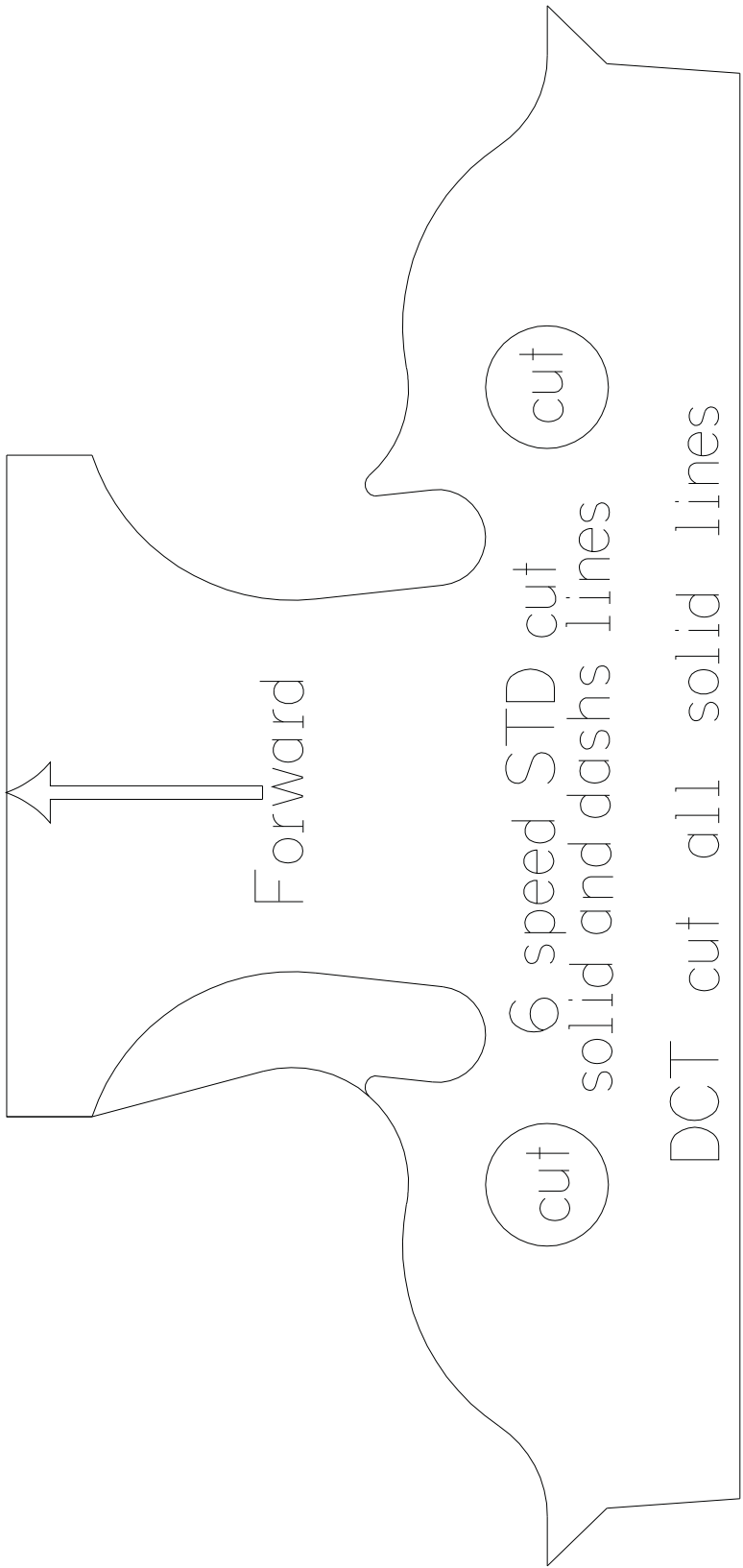


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Sport Position

Monday, October 01, 2018 13:36:33



Forward bar position template only

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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.

