



Handlebars for the long haul

**2004-2008 Ducati ST3/ST4
Installation Instructions - Part # HB2405**

1 ½" taller * 1 ¼" more rearward

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

NOTE: Heli Bars for the ST3 and ST4 are designed to utilize the factory bars and replace the stock mounting lugs only. Remove the front brake master cylinder from the right handlebar. It is NOT necessary remove any other controls or grips.

1. **A.** Loosen clutch banjo bolt at the clutch master cylinder just enough to rotate the banjo fitting forward 3/8"(measured at the bottom of the steel fitting where the rubber line begins). Refer to PHOTO#3 for angle assistance. Re-tighten.
B. Repeat step A on the front brake banjo fitting at the master cylinder and reposition. Loosen the front brake hold down strap bolted to the front of the lower triple clamp. Loosen the rubber grommet from it's stock position and slide down about 1". Pull the line up and re-tighten the hold down strap. Refer to photo #2.
2. Loosen and remove the four screws (6mm w/5mm hex head) that attach the bars to the mounting lugs. Place a rag around the bars and controls and rest them on the fairing.
3. Carefully remove the top triple clamp. Gain access to the steering stem pinch bolt by removing the black forward tank cover.
4. Remove the left and right factory bar lugs from the fork tubes.
5. Slide the left and right HeliBar lugs over the fork tubes. Slide them down as far as they will go until they hit the fork tube taper. The left and right HeliBar lugs are easy to identify. The risers are positioned outside the fork tubes and the Heli logos can be read from the saddle.
6. Reinstall the top triple clamp. Carefully engage the rotation limiter pins into the left and right HeliBar mounting lug limiter pin holes. Make sure the triple clamp is fully seated and torque the 3 8mm pinch bolts to 14ft lbs.
7. With the HeliBars mounting lugs still in their lowest possible position, install the left and right bars into the upper bar bores. Note that the two inner mounting screws fit into a slot in the stock bars. Remove the screws to engage bar then reinstall them. Adjust the bars so that the rubber inner end plugs are fully visible on both sides and just tighten slightly for now. You will make minor adjustment before final torquing

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8. Slide the HeliBars mounting lugs up against the bottom of the triple clamp and torque the two 6mm cap screws to 8ft lbs. on both the right and the left lower lug clamps.

9. Adjust levers to your preferred angle and then torque the two upper bar clamp (6mm) pinch bolts to 8ft lbs.

10. After HeliBars are installed, carefully go lock to lock and make sure there is clearance between the fuel tank and the lower riser (beam) of the Heli Bars. If additional clearance is needed, turn the adjustable stop screws clock wise until there is at least 1/16" of clearance. Fork stop screws are located on the bottom triple clamp. The lock nut is 13mm and the hex socket is 4 mm. Remember to retighten!

11. Additional slack in the clutch hydraulic line may be required to allow the left HeliBar to go to full right lock. Refer to PHOTO #4 for proper hydraulic line positioning. The clutch hydraulic line does not need to be removed to be relocated. There is enough slack in this line along the frame lower left tube. This line may be tight over the radiator by the fan shroud. If you require additional slack, loose and remove the outer screws (visible) and gently rotate the fan down and in slightly. Reposition the fan to its mounting brackets, install the screws and tighten. Do not allow the hydraulic line to be pinched by the fan shroud.

!! CAUTION!! BARS 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 IN IMPROPER USE OF ANY HELIBARS.

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