



Handlebars for the long haul

2004-2008 Triumph Thruxton
Installation Instructions – Part # HB2409

4 ¾" taller * 2" rear offset (adjustable by 2")

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

Caution: These instructions are for the installation of HeliBars clip-on replacing the original factory clip-ons.
INSTALLATION OVERVIEW: To accommodate the new position of the bar controls, several components need to be relocated / repositioned BEFORE the stock clip-ons are removed. There is additional slack in the control housing wire looms inside the headlight.

- A. Remove the lower plastic clutch cable guide that holds the clutch cable to the left frame down tube. This will produce enough extra slack for the new bar position.
- B. Turn the clutch cable adjuster located at the clutch lever mount all the way in until it bottoms out. This creates clearance between the clutch cable steel elbow and the dash panel. (see **photo #1**) Adjust cable slack with the adjuster located above the engine primary clutch cover.
- C. The front brake hydraulic line needs to be relocated from behind the left side of the lower triple clamp to the front of the lower triple clamp (see **photo #2**).
 - 1. Remove the clip that holds the front brake hydraulic line to the speedometer cable. You will re-install it later.
 - 2. Remove the clip that holds the hydraulic line to the back side of the lower triple clamp. Use a T30 torque bit. This clip will not be re-used.
 - 3. Drain the front brake hydraulic system. **CAUTION:** Brake fluid is harmful to paint and plastic. Take care when working with hydraulic system. Remove the brake line from the master cylinder.
 - 4. Cover the banjo fitting on the brake line with a small plastic bag and tape in place. Snake the line down from the stock position until it is out from behind the head light and lower triple clamp. Feed the line back up in front of the lower triple clamp and behind the voltage regulator. Temporarily let the line rest on the right side headlight bracket. The brake line should be placed in front of the right blinker wire loom.
 - 6. Remove the left and right factory clip-ons.
- D. Removing the top triple clamp:
 - 1. Loosen and remove the 2 screws that position and hold the factory clip-ons to the bottom of the top triple clamp.
 - 2. Loosen the 2 top triple clamp fork tube pinch bolts.
 - 3. Remove the steering stem nut and washer.
 - 4. Remove the top triple clamp.
 - 5. Remove front brake hydraulic fluid reservoir from factory bracket. This will not be re-used.

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- E.** Install the clip-on HeliBars in the reverse order of step D.
1. Slide the throttle housing on the right bar tube and slide it in towards the vertical riser. Position over right fork tube and slide down in place. Install right control housing. Carefully bend the two spade connectors forward about 45 degrees on the micro switch located on the bottom of the front brake master cylinder (see **photo #3**). Install front brake master cylinder. Install reservoir to the new mounting bracket with **supplied 6mm nut** (see **photo #4**).
 2. Install left bar over the left fork tube and slide it down into position. Install left side control housing and clutch lever.
Note: There is additional control housing wire loom slack inside the head light that is required.
- F.** Re-install the top triple clamp in the reverse order of step D. Tighten pinch bolts to 20 ft lbs. and the steering stem nut to 60 ft. lbs.
1. Re-install the clip-on locating screws through the slots in the clip-on HeliBars and into the threaded holes in the bottom of the top triple clamp.
 2. Re-attach front brake line to master cylinder. Adjust line so it has clearance above the fork tube cap and the top triple clamp (see **photo 4**). Carefully fill and Bleed the front brake system.
- G.** Adjust bars to the desired positions. Tighten the 2 small locating screws under the top triple clamp first to 7 ft. lbs. Tighten the clip-on HeliBar pinch bolts to 14 ft. lbs. Re-install the factory clip that holds the front brake line to the speedometer cable as per the factory position.
- Note: Thruxton HeliBars are supplied with black plastic bar end covers. The tubes have been left open to provide the option to use different damper weight products including Throttle Meister cruise control or bar end mirrors.

Double Check All Work performed before a test ride and make sure the front brake line banjo bolt is tight and that the front brakes perform properly!

!! 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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PHOTO 1



PHOTO 2



PHOTO 3



PHOTO 4

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