



Handlebars for the long haul

'06-'08 ZX10 TracStar™ HeliBars®

Installation Instructions – Part # TS04023 (Page 1)

2008 - 1 3/4" Taller ~ 1/2" Rearward ~ 25 3/4" Wide

2006-2007 – 1 1/2" Taller ~ 1/2" Rearward ~ 25 3/4" Wide**

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

Please note that the bars are clearly marked. Engraved with TS04023L for the left bar and TS04023R for the right bar

****PLEASE NOTE:** To gain the additional 1/4" rise on the 2006-2007 bike you will need to replace the stock steering damper bracket with a 2008 steering bracket that attaches to the top triple clamp. Kawasaki part number 11054-1903. This can be found at www.babbittsonline.com for under \$20.00.

The new TracStar is a direct bolt on replacement for the stock factory clip-ons on 2006-2008 ZX10. No modifications are required for installation and all cables, hydraulic lines and wire looms remain in the stock locations.

1. Remove bar end damper weights. Use an 8mm Hex drive to remove.

2A. Remove the fork steering damper and mounts as a unit. This will aid in triple clamp removal. Loosen and remove the two 6mm bolts (10mm Head) from the top triple clamp damper bracket. See **photo #1**. Loosen and remove the two 6mm bolts from the damper bracket in front of the fuel tank. See **photo #2**. Set steering damper/mounts assembly aside.

2B. Loosen and remove the shouldered bolts then position the stock clip-ons to the bottom of the top triple clamp. Use a 5mm Hex socket. See **photo #3**. These screws will not be reused with the TracStar clip-ons. Store with stock clip-ons.

3. Remove the top triple clamp. Loosen the two fork tube pinch bolts. It is not necessary to remove them, just make sure they're very loose. Loosen and remove the steering stem nut. For the **2006-2007** you will use a 36mm Hex socket and for the **2008** use a 12mm Hex socket. Place the triple clamp on a rag in front of the fork tubes. It will be helpful to remove some of the bind between the fork tubes and the steering stem to remove the top triple clamp.

4. Remove front brake reservoir from factory bracket. Loosen and remove bolt and nut. They will be re-used but the factory mount should be stored with the right handlebar. See **photo #4**

5. Remove the right factory clip-on:

a. Remove the cap clamp that holds master cylinder to the bar. Remove from bar and rest on a rag.

b. Loosen the two screws that clamp the throttle housing enough to let it move freely by dislocating the positioning internal pin.

c. Loosen the two screws that hold the right control housing in place enough to dislocation the internal pin. Remove from right bar.

d. Loosen right bar fork tube pinch bolt. Use a 6mm hex drive. Slide up fork tube and withdraw the stock bar from throttle housing and start/kill switch housing.

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6. Install the right TracStar clip-on. (The right bar has the reservoir mount attached in shipping).

a. Remove the screw, washer and the reservoir mount before installing. Set them aside for now. This is necessary because the mount blocks the TracStars' fork clamping pinch bolts.

b. Slide the control housing and the throttle housing onto the right TracStar clip-on until the throttle grip is flush with the end of the handlebar, place over the fork tube and slide it down so there is more than 1 1/2" for the 2006-2007 model or 1 1/4" for the 2008 model of fork tube above the top of the TracStar fork clamp. Leave the throttle housing loose for now.

Reverse step 5c (above) to install. **PLEASE NOTE:** To gain the additional 1/4" rise on the 2006-2007 bike you will need to replace the stock steering damper bracket with a 2008 steering bracket. This can be found at www.babbitts.com for under \$20.00.

c. Carefully re-mount front brake master cylinder so as not to scratch surface of bar tube. Notice the clamping cap has an up mark. Install both 6mm screws, but only lightly tighten the top screw only.

7. Left side stock handlebar removal:

a. Remove clutch lever clamp mounting screws. Set on rag.

b. Remove the two screws that hold the left side control housing halves together.

c. Loosen left bar clamping pinch bolt and remove from the fork tube. Remove left grip (use a small screw driver under the grip and pour a small amount of rubbing alcohol into the space to break seal, then twist to remove).

8. Install the left side TracStar HeliBar:

a. Slide down over the fork tube and leave over 1 1/2" for the 2006-2007 model or 1 1/4" for the 2008 model of fork tube above bar clamp top surface. Install clutch lever and switch housing. **PLEASE NOTE:** To gain the additional 1/4" rise on the 2006-2007 bike you will need to replace the stock steering damper bracket with a 2008 steering bracket. This can be found at www.babbitts.com for under \$20.00.

b. Position triple clamp over fork tubes and stem and carefully slide down until fully seated. It may be helpful to pull the bike over to the right on the side stand to take some of the bind out of the front end and align the forks and steering stem. Install the steering stem nut and lightly tighten. Torque the two triple clamp fork pinch bolts to 12 ft. lbs. Turn the forks carefully (because the bars are loose) to the full right steering stop. Torque the steering stem nut to 66 ft lbs. (90 newton metres).

c. Pull both left and right bars up until they contact the bottom of the top triple clamp. The TracStar clip-ons provide a bit of forward/back rotational adjustability.

d. Torque the two TracStar fork clamp pinch bolts to 12 ft. lbs.



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9. Install front brake reservoir:

- a. Position reservoir bracket provided as shown in **photo #5**. Install the factory bolt and lock nut and lightly tighten.
- b. Position the reservoir bracket over the threaded mounting boss and remember to place the washer over the socket head cap screw before inserting into bracket. Refer to **photo #6**. Rotate the reservoir until the top cover is level (sitting on bike). Carefully tighten.

10. Fine tune TracStar HeliBars:

- a. Adjust the front brake lever. It should be close to the stock angle when adjusted. Tighten the top screw first then the bottom screw.
- b. Adjust clutch lever to match front brake lever and tighten. Install left grip with rubbing alcohol as lubricant. Allow time for the alcohol to dry or use compressed air. Leave a 1/8" gap between the grip and the left control housing.
- c. Install damper weights and torque to 20 ft lbs.
- d. Re-install steering damper and mounting brackets. **Reverse step 2A & 2B**. Torque to 7 ft. lbs.

Check all work performed and confirm that all Torque Specs on critical hardware have been verified. Double Check all controls for tightness. Go lock to lock and check for hand clearances between fuel tank and fairing. Start machine in neutral, go lock to lock and make sure that the RPMs remain at idle. Also ensure that the throttle returns to its stop in both positions. See CAUTIONS on Page 1.

!! 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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PHOTO 5



PHOTO 6

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