



Handlebars for the long haul

2007 Kawasaki ZX6R

Installation Instructions – Part # TS04008 (Page 1)

2" (50mm) taller * 1" (25mm) more rearset * ½" (12.5mm) wider (than stock width @ 25.5")

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 TS04008L for the left bar and TS04008R for the right bar

The new TracStar is a direct bolt on replacement for the stock factory clip-ons on 2007 ZX6Rs. 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 a 6mm hex drive to remove damper screw. Remove the 2 screws that position the stock clip-ons to the bottom of the top triple clamp. These screws will not be re-used.
2. 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. Use a 36mm socket. Place the triple clamp on a rag in front of the fork tubes.
3. 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 stock right handlebar.
4. 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. These screws can be difficult to remove so use a proper fitting Phillips screwdriver. 2 replacement screws are provided in case the stock hardware is destroyed.
 - c. Loosen the right control housing screws enough to disengage its locating pin from the hole drilled in the factory bar.
 - d. Loosen right bar fork tube pinch bolt. Use a 6mm hex drive. Slide up fork tube and withdraw the stock bar from the right control housing and the throttle assembly.
5. 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. Note how the bracket is positioned. Set them aside for now. This is necessary because the mount blocks the TracStars' fork clamping pinch bolts.
 - b. Slide the throttle housing onto the right TracStar clip-on until it is 1 inch from the end of the handlebar, place over the fork tube and slide it down so there is more than 1" of fork tube above the top of the TracStar fork clamp. Temporarily tighten TracStar pinch bolt, slide throttle into position and engage positioning pin into its locating hole. Tighten throttle housing. Slide right control housing in to place, engage pin and tighten.

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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 lightly tighten the top screw only. It may be necessary to produce a little more slack from the front brake hydraulic line going down to the lower triple clamp. One way is to remove the hydraulic line hold down strap located in the center of the lower triple clamp and use a cable tie (provided) to hold the hydraulic line to the right fork tube.

6. Left side stock handlebar removal:

- a. Remove clutch lever clamp mounting screws, cap and set on a 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 (slide a small screw driver between the grip and the handlebar and pour a small amount of rubbing alcohol into the space to break seal, then twist the grip to remove).

7. Install the left side TracStar HeliBar:

- a. Slide down over the fork tube and leave over 1" of fork tube above bar clamp top surface. Install clutch lever and switch housing.
- 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 hand tighten. Torque the two triple clamp fork pinch bolts to 12 ft. lbs. Turn the forks carefully (because the bars are not adjusted) to the full right steering stop. Torque the steering stem nut to 66 ft lbs. (90 newton metres). Steering stem nut takes a 36mm socket.
- c. Pull both left and right bars up until they contact the bottom of the top triple clamp. Carefully turn the front fork to full right steering stop. Adjust the right TracStar so there is adequate room for your hand. Take a measurement and repeat adjustment to the left TracStar at full left stop. See **photo 1**.
- d. Torque the two TracStar fork clamp pinch bolts to 12 ft. lbs.

8. Install front brake reservoir:

- a. Position reservoir bracket provided as shown in **photo 2**. Install the factory bolt and nut and lightly tighten.
- b. Carefully rotate the reservoir hose fitting at the master cylinder counter clockwise until the line contacts the bleeder valve rubber cap. See **photo 3**.
- c. 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. Rotate the reservoir until the top cover is level (sitting on bike). Carefully tighten.

9. 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.

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- c. Install damper weights and tighten.
- d. Leave a bit of clearance between the right damper weight and the end of the throttle grip and tighten the two throttle housing screws.

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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TS04008 TracStar™ Heli Bars® Installation Photos



Install Photo 1



Install Photo 2



Install Photo 3

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