

INSTALLATION PROCESS:

FK003D242SB Front Superbike Brake Line Kit

1999-2006 Kawasaki ZRX1100-ZXR1200

RACE USE ONLY



Step 1:

Identify the key components that complete our brake line kit:

You should have two (2) lines, one (1) double banjo bolt, two (2) male adapters, and one (1) c-clip. We have also included a total of seven (7) washers; five (5) will be used, and two (2) will be spares. We strongly suggest having a professional mechanic install your brake lines, all other installs will **VOID** your warranty. ***Be sure to inspect your lines before and after every race.***

Step 2:

To ensure there is no paint damage from the brake fluid, completely cover the front end of the bike. Installing brake lines can be a messy process, and brake fluid **WILL** spill!

Step 3:

After bleeding and drying out the OEM brake system, uninstall your front stock hoses. Take note of how the stock system was routed in case you need to re-install the hoses.

Step 4:

Install the Galfer male adapters onto the right and left calipers using one (1) washer for each caliper. Torque down between 12 – 13 ft pounds.

Step 5:

Familiarize yourself with the new Galfer lines; notice there is a right and left line, ***this is as if you are sitting on the bike.*** Install the banjo fittings to the master cylinder using the double banjo bolt and three (3) washers, the sequence will be as follows, master cylinder, washer, right line banjo fitting, washer, left line banjo fitting, washer, double banjo bolt (**refer to picture A.**) Torque down between 15 – 17 ft pounds.

Step 6:

Route the lines under the throttle cables and towards the lower triple tree. Use the Galfer provided c-clip and OEM bolt to replace the delay valve at the triple tree, retaining the two lines at this mounting point. Continue to route the lines ***behind the forks*** and to their appropriate calipers. You may re-use the OEM line holders at the fender to keep the lines routed close to the forks (**refer to pictures B and C.**) Install the direct thread fittings to the already-installed male adapters at the calipers. ***Be sure to position the fittings parallel to the forks*** and torque down to 6 ½ ft pounds (**refer to pictures B and C.**)

Step 7:

Before you begin the next step, please check the clearance of your new lines. When the front end is fully extended or compressed, make sure the lines do not bind with anything. Be sure to triple check that the lines are traveling correctly and are clear from any obstructions.

Step 8:

Bleed your brake system according to the owner's manual. Add Galfer DOT-4 brake fluid to the system and build appropriate pressure.

Step 9:

Once you have bled the system, please check the brake fluid level in your master cylinder. Top off your brake fluid according to your manual and close the brake fluid reservoir. To ensure there are no leaks or other issues, zip-tie the brake lever to the throttle for at least 2 hours. If the lines are not leaking and all else looks good, (bolts are tight and torqued down to specification, washers are in place, and lines are clear from obstruction) you are now ready to ride with the new brake system.

Please be aware that the overall braking feel has been changed dramatically. We suggest taking it easy while you get used to the new brake lever pressure and feel. We recommend checking your brake system periodically; be sure to check that your bolts are tight and *VERY* carefully check your lines for any leaks or damage. If there are any signs of damage or stress to the lines, the complete brake line kit will need to be replaced. Remember, our brake lines have a **LIFETIME WARRANTY!** If you have any problems or questions, do not hesitate to call our tech department - **(800) 685-6633**.



a. Front master cylinder



b. Right caliper



c. Left caliper

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