

INSTALLATION PROCESS:
FK003D366SB Front Brake Line Kit
2003-2004 Suzuki GSXR 1000
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 male adapters onto the right and left calipers using one (1) washer for each fitting. Torque down between 12 – 13 ft pounds.

Step 5:

Familiarize yourself with the new Galfer brake lines; *notice there is a “right” and “left” line, this is as if you are sitting on the bike.* Identify which ends to install to the front master cylinder. Install the banjo fittings to the front master cylinder using a 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. Torque down between 15 – 17 ft pounds (see **picture A.**)

Step 6:

Route the lines down towards the lower triple tree. Use the Galfer provided c-clip and OEM bolt to retain the two (2) lines to the stock mounting point at the lower triple tree, ***be sure the left line is on the left side of your bike.*** Continue to route the lines *behind the forks* and down to the appropriate calipers. Install each line to the already-installed male adapters at the calipers. Position the fittings a little bit away from the bike and torque down to 6 ½ ft pounds (see **pictures B, C & D.**)

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 8:

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 line(s) 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. Master Cylinder (Note: the left line is positioned slightly in front of the right line)



B. Right Caliper



C. Left Caliper



D. Note: the position of the brake line is slightly away from the bike

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