

INSTALLATION PROCESS:  
**FK003D419F Front Brake Line Kit**  
2004-07 Suzuki GSXR 600 / 750  
2005-08 Suzuki GSXR 1000

Torque specifications  
Stainless steel 15-17 ft. lbs  
Aluminum 12-15 ft. lbs



### 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) single banjo bolts, and one (1) c-clip. We have also included a total of nine (9) washers; seven (7) will be used, and two (2) will be spares. We strongly suggest having a professional mechanic install your brake lines, all other installs may void your warranty.

### 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 and remove the line holders at the fender. Take note of how the stock system was routed in case you need to re-install the hoses. For ease of installation, we have removed the OEM plastic shield from the lower triple tree (**refer to picture D.**) *On some models, or if you adjust your master cylinder downwards, you will need to cut off the tab on the master cylinder that keeps the fitting in place.*

### Step 4:

Familiarize yourself with the new Galfer brake lines; they will travel from the master cylinder down to the calipers. Identify the right and left lines (as if you were sitting on the bike,) these labels will also indicate which fittings to install at the master cylinder. Install these fittings at the master using a double banjo bolt and three (3) washers, the sequence will be as follows; master cylinder, washer, left line banjo, washer, right line banjo, washer, double banjo bolt (**refer to picture A and B.**) Be sure to note what type of fittings you have received, since torque specs will vary.

### Step 5:

Route the lines to the lower triple tree and replace the OEM line holder with the Galfer provided c-clip, this will allow the brake lines to move and flex in the correct positions (**refer to picture B and C for routing and position.**) Install each line at the appropriate caliper using a single banjo bolt and two (2) washers, the sequence will be as follows; caliper, washer, banjo, washer, bolt (**refer to picture E.**)

### Step 6:

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 7:

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 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.

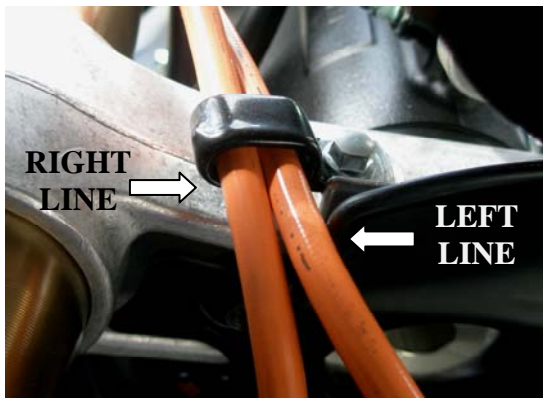
Please be aware that the overall braking feel has been changed dramatically. We suggest taking it easy while you get used to the new brake lever pressure and feel. We recommend checking your brake system periodically; be sure to check that your bolts are tight and *VERY* carefully check your lines for 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!**



**a. Front master cylinder, notice position of fittings**



**b. Routing from master cylinder**



**c. Galfer c-clip at lower triple tree**



**d. Plastic shield removed**



**e. Left caliper**