

INSTALLATION PROCESS:

FK003D971-5 Complete ABS Brake Line

2016-2018 Suzuki GSX-S 1000F ABS

Kit Should Be Installed By Experienced Mechanic

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 three (3) lines, three (3) single banjo bolts. We have also included a total of eight (8) washers; six (6) will be used, and two (2) will be spares. There will also be one olive, and one (1) nut with bolt. 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 and rear end of the bike. Installing brake lines can be a messy process, and brake fluid *WILL* spill!

Step 3:

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

Step 4:

Familiarize yourself with the new Galfer brake lines; notice that each line is labeled for application. **Lines A and B** will be installed on the front end of the bike.

NOTES:

- We refer to “right” and “left” as if you are sitting on the motorcycle
- Torque all stainless steel bolts to 15-17 ft pounds
- Torque all aluminum bolts to 12-15 ft pounds
- All of the stock “Bleeder” bolts will be reused
- All stock bolts from the ABS unit will be reused
- The gas tank will need to be removed to access the ABS unit

Step 5:

Install **Line A** to the ***Front Master Cylinder*** using a Galfer provided banjo bolt and two (2) washers, the sequence will be as follows; ***Front Master Cylinder***, crush washer, banjo fitting, crush washer, banjo bolt. ***Following the stock routing***; then connect the other end of **Line A** to the hard line mounted to the frame using the olive in between the line connection. Route **Line B** from the hard line under the triple clamps to the calipers. Use the nut and bolt to secure the block to the stock mounting point under the triple clamps. Then thread the hard line into the galfer block. Use one grommet on each side of the lines going to the caliper using the stock mounting location on the fender. Then route caliper banjos to caliper and connect to caliper using the following sequence; Caliper, crush washer, banjo fitting, crush washer, banjo bolt.

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.

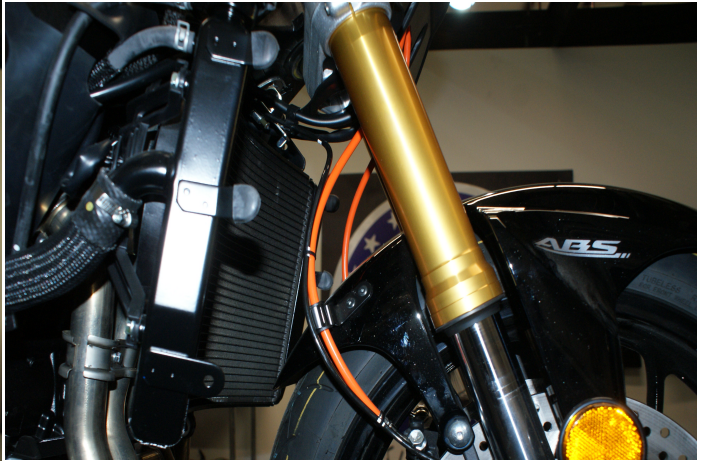
Step 7:

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. For the rear; use a jug or something similar to apply pressure to your brake pedal for at least 2 hours. For the clutch; zip-tie the clutch lever to the handle bar for at least 2 hours. This being an ABS bike the ABS module will need to be cycled to make sure there is no remaining air in the ABS module. 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 - **(805) 988-2900**.



A. Line A at Master Cylinder to hard line B. Line B to Calipers