

INSTALLATION PROCESS:
FK003D743R Rear Brake Line Kit
2010-2012 Kawasaki Z1000 / Ninja 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 one (1) line, and two (2) single banjo bolts and two (2) c-clips. We have also included a total of six (6) washers; four (4) 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 rear 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 rear stock hose. Take note of how the stock system was routed in case you need to re-install the hose.

Step 4:

Identify which end of your new Galfer brake line to install at the rear master cylinder. Install this end to the master cylinder using a single banjo bolt and two (2) washers, the sequence will be as follows; master cylinder, washer, banjo fitting, washer, single banjo bolt (**see picture A.**)

Step 5:

Following the OEM routing; route the line along the swing arm, replace the OEM line holder at the rear hugger with the larger of the two Galfer provided c-clips (**see picture B.**) Continue routing the line down the swing arm, replacing the OEM line holder at the swing arm with the smaller of the two Galfer provided c-clips. Continue down through the guide bracket on the swing arm and towards the rear caliper. Install this end to the caliper using a single banjo bolt and two (2) washers, the sequence will be as follows; caliper, washer, banjo fitting, washer, single banjo bolt (**see pictures C & D.**)

Step 6:

Before you begin the next step, please check the clearance of your new line. When the rear end is fully extended or compressed, make sure the line is not binding with anything. Be sure to triple check that the line is traveling correctly and is 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, use a jug or something similar to apply pressure to your brake pedal for at least 2 hours. If the line is not leaking and all else looks good, (bolts are tight and torqued down to specification, washers are in place, and the line is 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 line 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. Rear Master Cylinder



B. Galfer C-Clip at Rear Hugger



C. Galfer C-Clip at Swing Arm and Overall Line Routing



D. Rear Caliper

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BRAKING SYSTEMS