

INSTALLATION PROCESS:  
**FK003D768-3 Front Brake Line Kit**  
2010-11 Kawasaki ZG1400 Concours ABS



**Step 1:**

Identify the key components that complete our brake line kit:

You should have three (3) lines, three (3) single banjo bolts, three (3) “olive” conic inversors, and six (6) c-clips. We have also included a total of eight (8) washers; six (6) will be used, 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. Take note of how the stock system was routed in case you need to re-install the hoses. You may want to take pictures for reference.

**Step 4:**

Familiarize yourself with the new Galfer brake lines. **Line A** will travel from the front master cylinder to the ABS hard tubing. **Line B** will travel from the ABS hard tubing to the right caliper (*right, as if you are sitting on the bike.*) **Line C** will travel from the ABS hard tubing to the left caliper (**refer to drawing for guidance.**)

**NOTES:**

- *All female ends require a brass conic inversor*, more commonly referred to as an “olive.”
- **Torque all stainless steel bolts from 15-17 ft pounds, all female fittings to 5 ft pounds.**

**Step 5:**

Install **Line A** to the front master cylinder using one (1) single banjo bolt and two (2) washers, the sequence will be as follows; master cylinder, washer, banjo fitting, washer, single banjo bolt. Route the line down to the OEM hard tubing, and install the female end to the tubing using an “olive” inversor (**refer to drawing.**) Use two (2) Galfer provided c-clips and the OEM bolts to retain the Galfer lines at the stock mounting points (**refer to drawing.**)

**Step 6:**

Install **Line B** to the OEM hard tubing using an “olive” inversor. Use one (1) Galfer provided c-clip at the OEM tubing (**refer to drawing.**) Route the line down to the right caliper and install the line using a single banjo bolt and two (2) washers, the sequence will be as follows; caliper, washer, banjo fitting, washer, banjo bolt. Use one (1) Galfer c-clip and OEM bolt at the lower triple tree (**refer to drawing.**)

**Step 7:**

Install **Line C** to the OEM hard tubing using an “olive” inversor. Use one (1) Galfer c-clip at the OEM tubing (**refer to drawing.**) Route the line down to the left caliper and install using a single banjo bolt and two (2) washers, be sure to follow the same sequence as before. Use one (1) Galfer c-clip and OEM bolt at the lower triple tree (**refer to drawing.**)

**Step 10:**

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 11:**

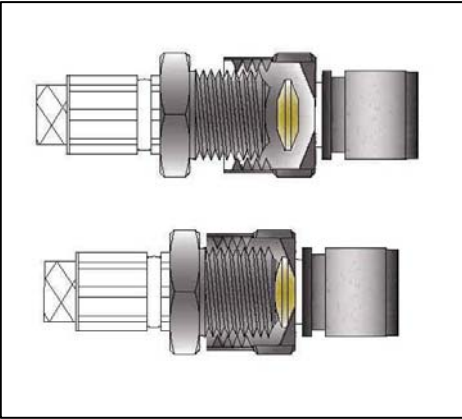
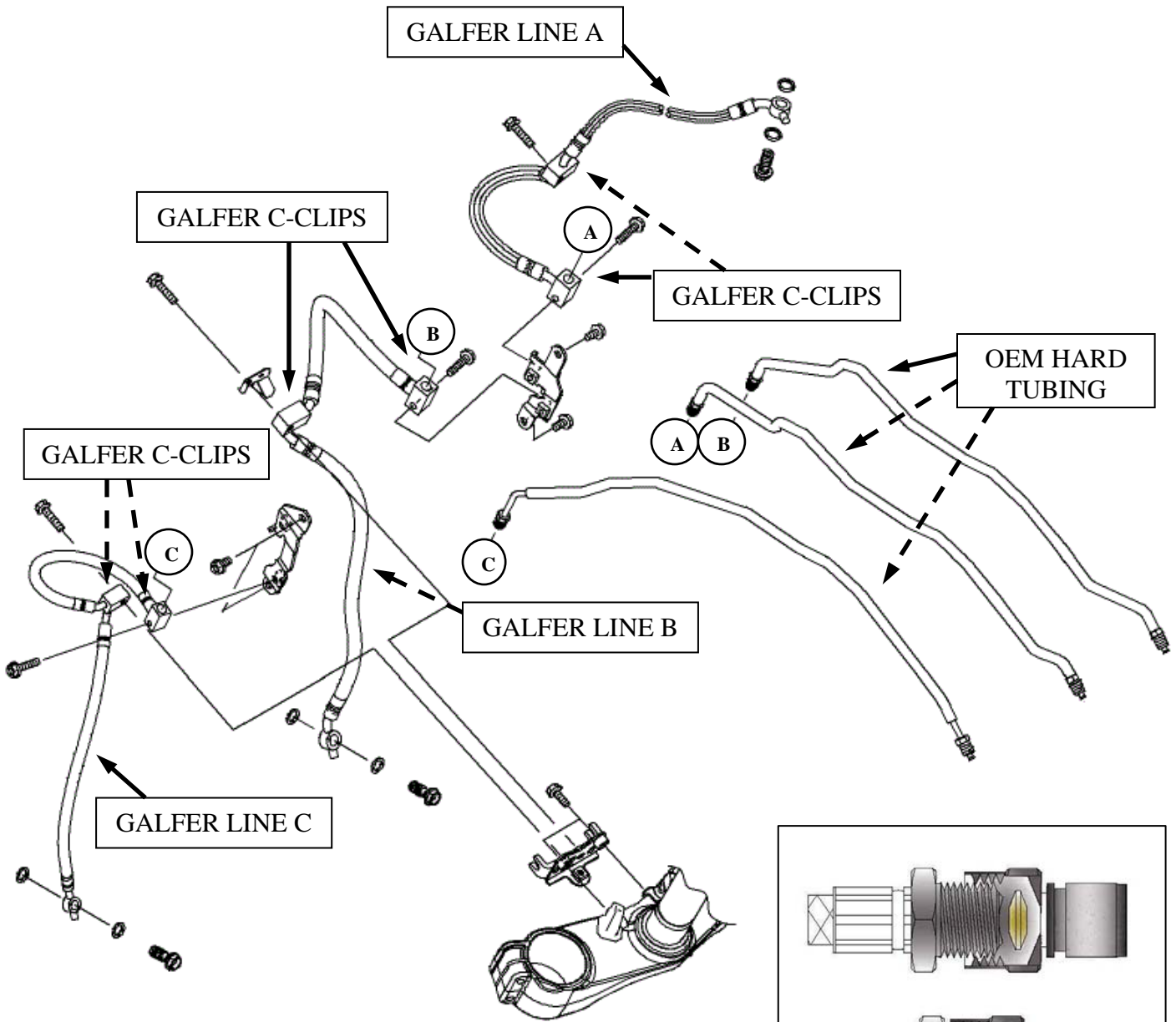
Bleed your brake system according to the owner's manual. Add Galfer DOT-4 brake fluid to the system and build appropriate pressure.

**Step 12:**

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**.





All female ends will need a conic inverter as shown.

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