

INSTALLATION PROCESS:

FK003D969-2 Non-ABS Front Brake Line Kit

2019 Honda CB650R Non-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 two (2) lines and two (2) single banjo bolts and one (1) double banjo bolt. We have also included a total of nine (9) washers; Eight (8) will be used, and one (1) will be a spare, and three clips two small clips and one big clip. 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. The line that goes to the master cylinder will be labeled on the side that goes to the master.

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

Step 5:

Install both front lines to the master cylinder using the double banjo bolt in the following sequence, master cylinder, crush washer, banjo, crush washer, banjo, crush washer, banjo bolt. Use OEM line routing to route front lines down the triple clamps and through the clip down to the calipers. Use the big clip and attach to horn mounting bolt and run lines through clip. Attach lines to front fender using OEM line mounting points and our small clip one on each side of the fender.

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.

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.**



Lines at Master Cylinder



Lines at Big Clip horn mount



Small clip at fender