

INSTALLATION PROCESS:
FK003D753R Rear Brake Line Kit
2008-12 Harley Davidson XR 1200

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, two (2) single banjo bolts, and four (4) 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, disconnect the brake line switch, uninstall your stock rear hose and switch assembly. Remove the brake line switch from the OEM hose and set aside, this will be used with your new Galfer line. Take note of how the stock system was routed in case you need to re-install the hoses, pictures may be helpful with re-installing your OEM brake light switch.

Step 4:

Familiarize yourself with the Galfer brake line; notice there is a label identifying which fitting will be installed at the master cylinder, from this end you will notice a c-clip slightly bigger than the rest; this is to be installed before the brake light switch, after the brake light switch housing will be three (3) more c-clips; the first has an altered bolt hole and will be installed at the brake light switch before the swing arm, the two (2) standard c-clips will be used at the swing arm. Using a single banjo bolt and two (2) washers, install the banjo with the master cylinder label at the master, the sequence will be as follows; master cylinder, washer, banjo, washer, bolt (**refer to picture A.**) Be sure to take note of what type of fittings you have received since torque specs will vary.

Step 5:

Install the OEM brake light switch to the Galfer brake light switch housing located on the rear line. Use two (2) Galfer provided c-clips to help route your brake line and switch under the motorcycle, replacing the OEM clips (**refer to pictures B and C, for mounting specifics.**)

Step 6:

From the brake light switch, the line will route underneath the swing arm to the caliper, similar to the stock routing. Use the rest of the Galfer provided c-clips to replace the OEM clips underneath the swing Arm. After the last c-clip, route the rear line behind your swing arm and up to the caliper (**refer to picture E.**) Install the banjo onto the caliper using a single banjo bolt and two (2) washers, using the same sequence as the master.

Step 7:

Before you begin the next step, please check the clearance of your new lines. When the rear 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 8:

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

Step 9:

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 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**.



a. Rear master cylinder and routing underneath bike



b. Brake light switch from master cylinder, Galfer larger c-clip in circle



c. Brake light switch to swing arm and caliper, Galfer altered c-clip in circle



d. Swing arm routing, Galfer c-clips replacing stock



e. Routing from c-clip; behind the swing arm to the rear caliper



f. Rear caliper



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