

INSTALLATION PROCESS:

A Basic Installation of FK003D168-1 Front 1981-1986 BMW R80 GS-S-E

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 one (1) olive inversor. We have also included a total of three (3) washers; one (1) 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 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 hose. Take note of how the stock system was routed in case you need to re-install the hose.

Step 4:

Familiarize yourself with the new Galfer brake line; identify which fitting to install to the master cylinder. Install the fitting at the front master cylinder using one (1) washer, the sequence will be as follows; master cylinder, washer, line fitting.

Step 5:

Following the OEM routing; Route the line down through the stock line holder at the triple tree. Continue to route the line down towards the OEM hard tubing, install the line with the provided olive inversor to the tubing. The sequence will be as follows, OEM hard tubing, olive inversor, line fitting (**see line A & Olive Inversor.**)

Step 6:

Before you begin the next step, please check the clearance of your new line. When the front end is fully extended or compressed, make sure the line does not bind with anything. Be sure to triple check that the line is traveling correctly and is clear from any obstructions.

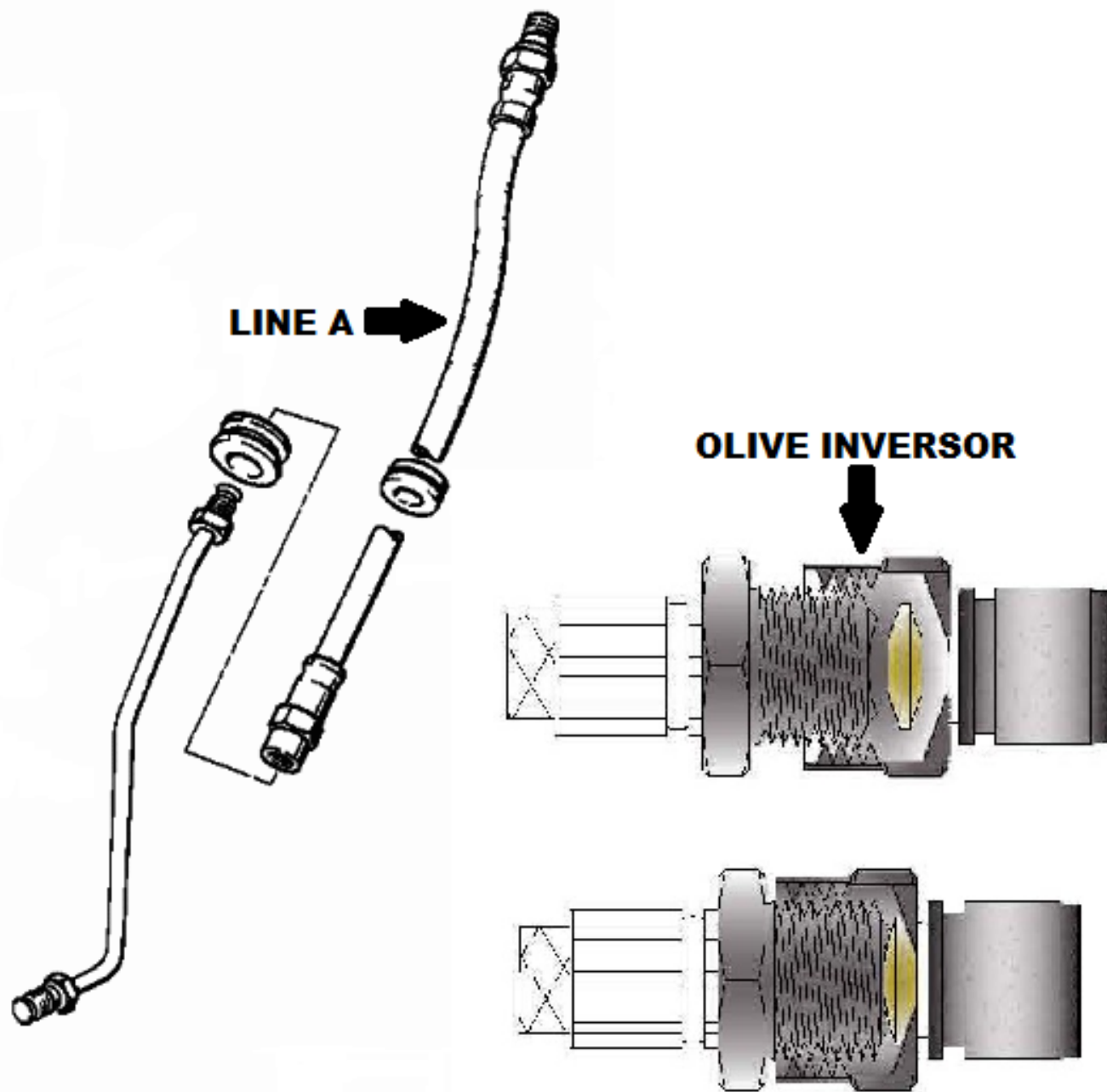
Step 7:

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, zip-tie the brake lever to the throttle 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 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**.



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