

## INSTALLATION PROCESS:

### FK003D968-4 ABS Front Brake Line Kit

2014 Triumph Thunderbird Storm 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 four (4) lines and five (5) single banjo bolts. We have also included a total of eleven (11) washers; Ten (10) will be used, and one (1) will be a spare. 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
- All stock bolts from the ABS unit will be reused
- The gas tank will need to be removed to access the ABS unit

#### Step 5:

Install **Line A** to the *Front Master Cylinder* using a Galfer provided banjo bolt and two (2) washers, the sequence will be as follows; *Front Master Cylinder*, washer, banjo fitting, washer, banjo bolt. *Following the stock routing to the hard line block* and connect **Line A** to the Hard line block at the bottom of the bike the sequence will be as follows; Hard Line block, washer, banjo fitting, washer, bolt. Connect **Line B** to the ABS Unit hard line return block the sequence will be as follows; Hard Line Block, washer, banjo fitting, washer, bolt. Then run the line along the frame following the stock routing up to the bottom of the triple clamps. Install **Line C** block to the mounting point on the *Bottom of the triple clamps*. Route the line through the line clamp beside the fender and to the calipers. At this point you can connect the treaded male side of **Line B** to the block on **Line C**. Lastly you will connect the banjo bolts on **Line C** to the calipers using the above sequence.

**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:**

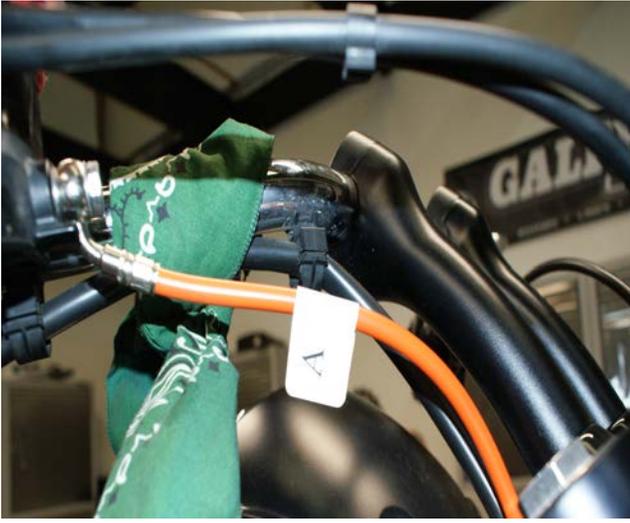
Bleed your brake system according to the owner's manual. Add Galfer DOT-4 brake fluid to the system and build appropriate pressure.

**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. This being an ABS bike the ABS module will need to be cycled to make sure there is no remaining air in the ABS module. 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 - **(805) 988-2900**.



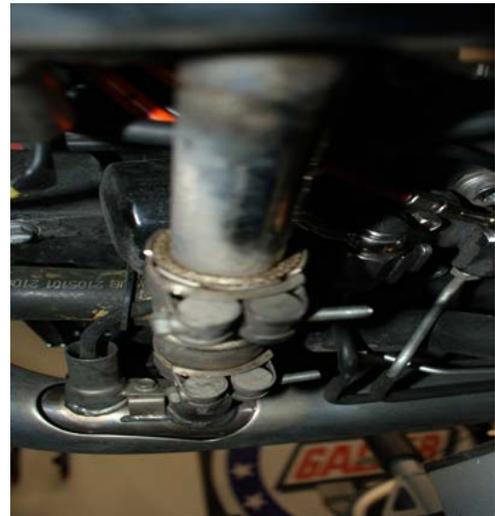
**A. Line A at Master Cylinder**



**B. Line A & B Line Route at Frame**



**C. Line B at Line Clamp**



**D. Lines A & B at Hard Line Block**



**E. Line C at Caliper**