



## F9X X3/4M Series BMW Ultimate Brake Kit install guide



**Thank you for your purchase of the VTT F9X Series BMW Ultimate Front Brake kit! First thing to do when you open your box is to make sure all parts are in their respective bags, and nothing has been left out or lost during shipping. Here is a breakdown of what you should have.**

- 2 – Rotors of choice
- 2 - Wilwood Calipers
- 2 – Stainless Brake lines
- 1 – Set of Brake pads
- 2 – Adapter fittings
- 2 – Calipers Brackets
- 4 - M10 Caliper bolts



Once all parts are accounted for you can proceed with the Brake Installation. We suggest this only be done by a qualified technician. **THESE ARE YOUR BRAKES, IF YOU HAVE ANY DOUBTS DO NOT INSTALL THIS KIT AND LET A PROFESSIONAL HANDLE THE INSTALL!** If something was missing from your kit, please contact us immediately so we can remedy this.

**READ THE ENTIRE GUIDE BEFORE BEGINNING INSTALLATION!**



**ANY QUESTIONS, OR FITMENT PROBLEMS, PLEASE EMAIL [SALES@VARGASTURBO.COM](mailto:SALES@VARGASTURBO.COM) BEFORE TRYING TO FORCE OR MODIFY ANYTHING. THIS UPGRADE IS PLUG AND PLAY IF THESE INSTRUCTIONS ARE FOLLOWED, ANY ISSUES NEED TO BE ADDRESSED TO AVOID PROBLEMS**

# INSTALL STEPS

1. Install the brake line adapters into the new calipers, loosely fit both lines on the calipers
2. Install the brake pads into the calipers, and make sure they can slide over the rotors
3. Raise vehicle safely, use jack stands or a lift.
4. Remove both front wheels
5. Work on one side at a time.
6. Remove the two bolts holding the caliper to the spindle. Lower the caliper with the line still attached. We do not want to break the line until we need to.
7. Remove the rotor set screws
8. Remove the rotor
9. Remove the dust shield, if you prefer to leave it, you can bend it back slightly at the bottom, and the new kit will fit with the shields on
10. Install the new rotor (TAKE NOTE OF ROTOR ROTATION), and reinstall the set screws
11. Install the caliper bracket onto the New Caliper (logo faces towards from caliper) TQ to 55ft/lbs
12. Install the new caliper onto the vehicle using the factory bolts TQ Factory Spec
13. Remove the stock brake line from its center mount
14. Now remove the brake line from the hardline, leave it attached to the caliper. As quickly as you can attach the new line to the hard line to lose as little fluid as possible.
15. Arrange the line as it should be with the grommet in line with its mounting position in the center, tighten both ends of the line.
16. Using some grease, or Vaseline lube up the center mount, and push the grommet into it. It will take some force, but it is a perfect fit once seated
17. This side is now done, repeat for the opposite side. Follow the instructions on the Wilwood card then using your favorite bleed procedure bleed the front calipers. It should not take a lot of time; these calipers are very easy to bleed. We suggest a pressure or vacuum bleeder, but the method of hold the pedal, and crack the bleeders will work fine as well if you have a helper.
18. You have now installed the VTT F9X Ultimate brake kit. Take it slow on the initial drive, always check to make sure you have adequate braking before driving. Follow proper bedding procedure for the pads, and double check you have no leaks, or issues, and enjoy your new kit

## TQ SPECS:

**Provided M12 bolts – 70 FT/LBS**

**Provided M10 bolts – 55FT/LBS**