



VTT F9X X3/4M Diff Lock Down install guide



Thank you for your purchase of the VTT BMW F9X X3/4M Diff Lock Down kit! The 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.

- 1 lock down, color of choice
- 4 40mm M6 Socket Cap bolts
- 4 large OD M6 washers
 - 1 M10 40mm Bolt
 - 2 M8 40 Bolts
 - 2 M8 Riv-Nuts
 - 1 Drill



Once all parts are accounted for you can proceed with the Diff Lock Down Installation.

We suggest this only be done by a qualified technician. If something was missing from your upgrade, 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 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 GUIDE

Please note, this guide is intended to help with the installation of the lock down kit only. See tools needed at the end of the guide.

1. Gain access to the rear diff by removing any undertrays, exhaust, etc. This guide is for the lock down kit ONLY, this is not a guide on how to remove or install anything else on the vehicle.
2. Find the two open holes on the rear subframe, using the drill open them to the size required for the M8 Rivnuts
3. Using your Rivnut tool install both Rivnuts into the subframe.
4. Remove the 4 front lower bolts from the diff, and set aside for use if diff plate is ever removed.
5. Decide if you want to use the rubber vibration isolation mat or not. If you do, install it now to the plate matching up the holes. If not, leave it out. Using the 4 M6 bolts, and 4 washers, hand thread the 4 bolts into the diff until the support is close to the diff, and leave them loose for now.
6. Using the 2 M8 flanged bolts, and one M10 flange bolt thread the three bolts into the threaded holes in the subframe, once everything is hand tightened, using a ¼" Ratchet slowly tighten the 4 bottom bolts evenly, this is going to press the diff support onto the pucks of the diff. You want to do this evenly until they are snug. Once snug tighten the 3 bolts on the top of the diff support into the subframe TQ the two M8 diff plate bolts to 35 Ft/lbs., and the M10 Flanged bolt to 45 ft lbs.
7. Once these are tight, go back over the M6 bolts again with the ¼" ratchet, making sure they are all snugged down. Once there is no more movement, tighten the M6 bolts to 12 ft/lbs
8. Install anything you may have removed and enjoy your new Diff lock down!
9. After 20-30 miles or a couple of launches, access lock down, and re-Torque all Bolt to spec. Some settling can occur