



## BMW B58 TU Billet VC install guide



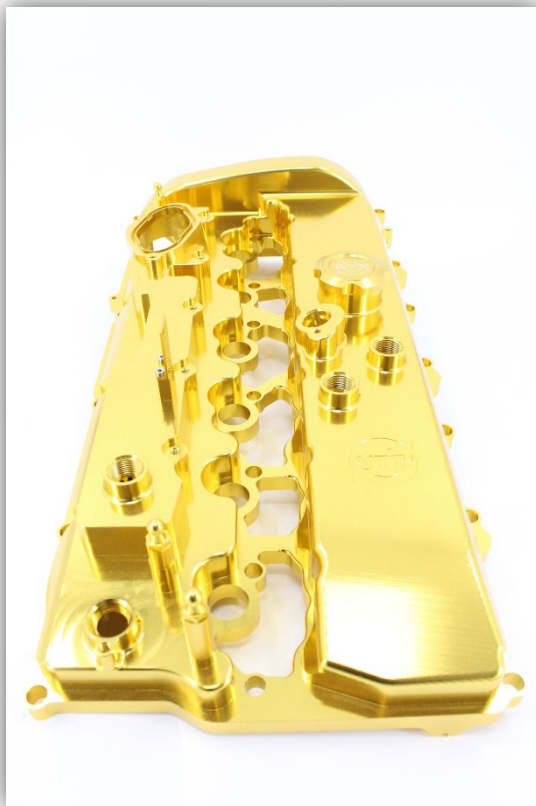
**Thank you for your purchase of the VTT B58 TU Billet VC! First thing to do when you open your box is to make sure all parts are in their respective bags and nothing has been left out or lost during shipping. Here is a breakdown of what you should have.**

- 1 - VC
- 1 - Vacuum boost adapter with -1/8" NPT plug or -6 Hose if aftermarket Intake
- 1 – Low Side Vacuum Line
- 3 – M3x12mm bolts
- 1 – Gasket
- Optional Breathers, plugs or catch can



**Once all parts are accounted for you can proceed with the VC Installation. We suggest this only be done by a qualified technician. If something was missing for 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](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 GUIDE

- 1. Remove Engine cover, and set aside. This is NOT a guide on factory VC removal this is a guide on how to correctly plumb your VTT VC once installed.**
- 2. Remove the factory VC and install the VTT VC. Once fully installed we are going to plumb the system**
- 3. For stock intake manifold remove the factory vacuum/boost line from the front intake manifold and run the supplier vacuum boost adapter in line with it securing it with the clip. Install the banjo with the 9" hose with the 90-degree hose end onto the port closest to the oil cap and connect the 90 an hose end to the adapter (Fig 1). If you are not running a breather or catch can, install the -10 ORB plugs in the remaining ports, and that is the extent of the install, and the car will run fine with that plumbing. If you are installing more continue.**
- 4. If adding a stainless breather, and no catch can, install the breather in the one of the other two -10 ORB ports, and plug the other one with the supplied plug That completes the install**
- 5. If adding the complete catch can kit. Follow the catch can Install instructions which can be found here: [https://vargasturbo.com/wp-content/uploads/2021/01/A90\\_91-Supra-Catch-can-install-guide.pdf](https://vargasturbo.com/wp-content/uploads/2021/01/A90_91-Supra-Catch-can-install-guide.pdf)**
- 6. Apply these changes to the catch can for the VC. Run bottom line to the 90-degree fitting on the bottom port of the Catch can**
- 7. Run the top line to the turbo inlet. ALWAYS INSURE you have the hoses in the proper direction. Vacuum/Pressure can only flow one way, and you WANT it flowing towards the can. The Banjos that go ONTO the VC will have check valves in them. This ensure the VC is sealed under vacuum and will prevent the car from smoking at idle, and cruise. (Fig 2)**



**Fig 1**



**Fig 2**

