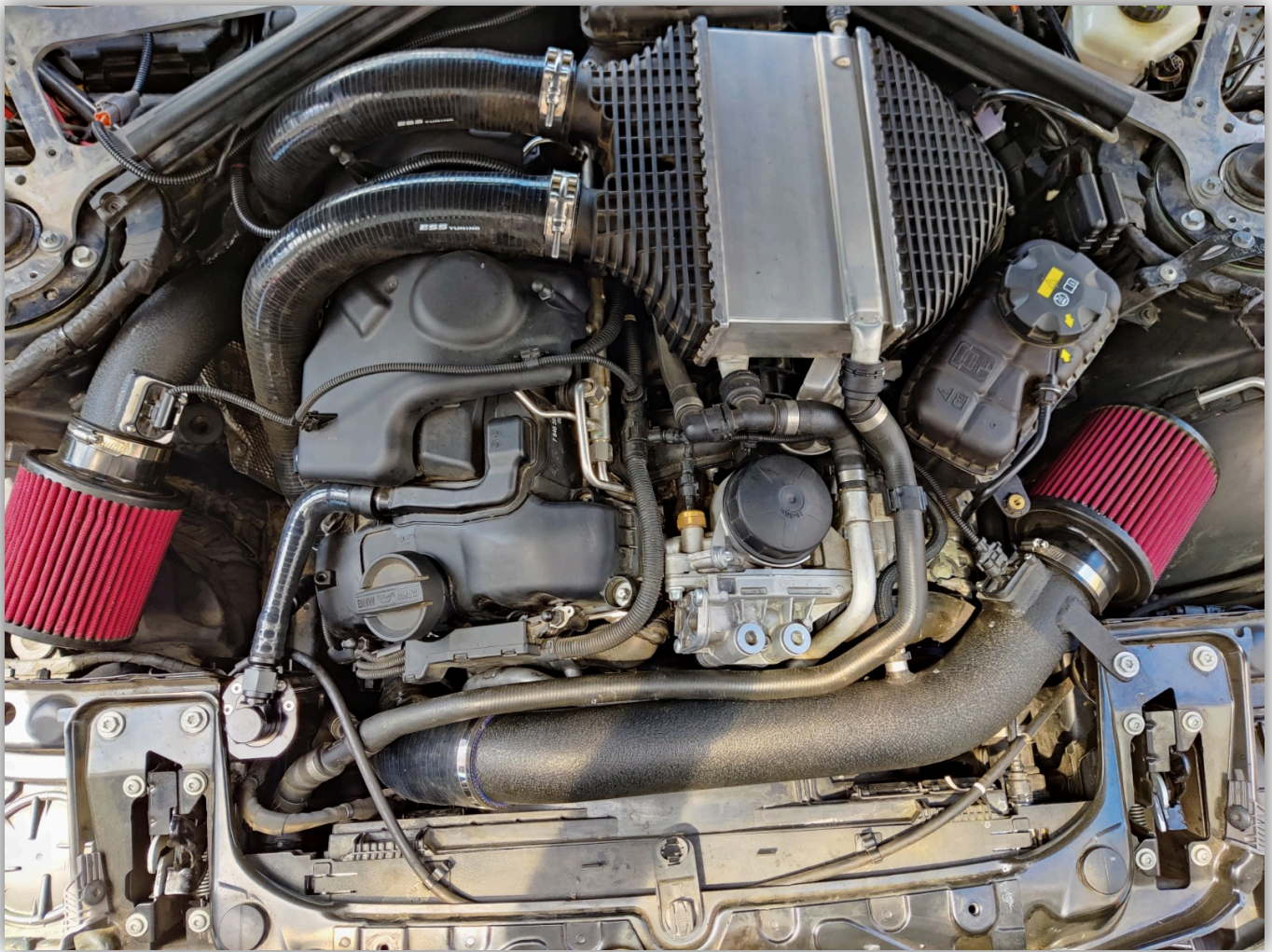




BMW F8X Engine Catch Can install guide



Thank you for your purchase of the VTT F8X S55 Engine Catch can 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.

- 1 VTT Catch can
 - 1 VTT Catch Can Bracket
- 2 Silicone Hoses with -10AN female hose ends
 - 1 VTT -10AN Low Profile Banjos
 - 1 -10ORB to -10 AN Male Fitting
 - 2 Spring Clamps
 - 1 -6 Drain fitting (optional)



Once all parts are accounted for you can proceed with the Catch Can 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 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. You must access the factory PCV hose from the turbo inlet to the valve cover. (Figure 1)
2. Remove the passenger intake from the car if stock, if aftermarket you may have room to install without removing. This is determined on a per vehicle basis. Access the hose going from the port on the Valve cover to the port on the Front turbo intake. Remove the hose from the VC by pulling on the hose, it may take a small screwdriver but usually a good tug will get it off. Not you must go down below, and remove one Torx Screw, and unplug the PTC heater (if running aftermarket silicone intakes such as for VTT GCs simply loosen the worm clamp to remove the fitting) Fig 2. Once that is done remove the fitting from the intake. Once the hose assembly removed from the car use a heat gun and remove the stock hose from the two fittings (Figure 3/4/5).
3. Now that removed the factory fittings from the factory PCV hose, and the fittings hoses onto the two fittings. The Molded 90-degree hose with the straight hose end on it goes onto the top VC fitting, the hose is VERY tight by design, use some lubrication to get the hose on, and you can install the optional clamp if you want (they will not come off without the clamp, but we include them as some people like to run them). (Figure 6)
4. Next do the same with the 6" straight hose with the 60-degree fitting on it to the bottom fitting. (Fig 7)
5. Next install the bracket onto the catch can using the provided counter sunk screws. They are small so hand tight is fine with a hex wrench. Do NOT over tighten. Install the Straight AN fitting on the middle port on the can. If you ordered the drain, remove the plug from the bottom, and install the drain fitting, before installing the can. Now remove the two 13mm Bolts holding down the front trim area. (Fig 8) Once the two bolts are remove using a long screwdriver or pry bar CAREFULLY pry up the trim JUST enough to slide the can bracket under between the trim, and the body. Line the hole up best you can with the factory outside hole. The bolts have tapered ends, so as long as you get it close you can rethread the bolts in, and they should start. Before fully tightening down arrange the can so it site straight. (Fig 9) Now Tighten the two bolts back down.
6. Install your bottom hose back onto the turbo inlet, re-plug in the PTC heater, and route it up and thread the 60-degree hose end onto the straight AN fitting already on the can. You can now tighten that hose end with a -10-fitting wrench.
7. Install the top Banjo fitting to the can, leaving it slightly loose for now. Then install the molded top hose by firmly pushing the fitting back into the VC port, and run it to the top port on the catch can, install the straight connection and tighten (Figure 10)
8. At this point the can, and hoses are installed. Go back and tighten the banjo bolt on top of the can. Once everything is tight, reinstall your intake, any other parts removed, start the car, and ensure everything is seated, and looks ok. Reinstall the engine cover
9. NOTE: if you are running the VTT Billet Valve cover. Follow the Same instruction, but you will run a 180 degree fitting, on the can, and a banjo on the VC. See Fig 11
10. This concludes the Install of the VTT F8X Catch Can Install, go enjoy your BMW F8X without worry about oil in the intake tract

Fig 1



Fig 2



Fig 3

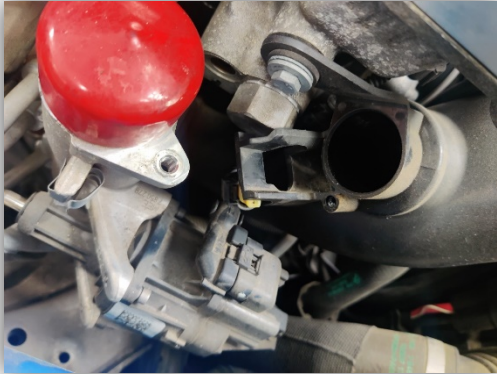


Fig 4



Fig 5



Fig 6

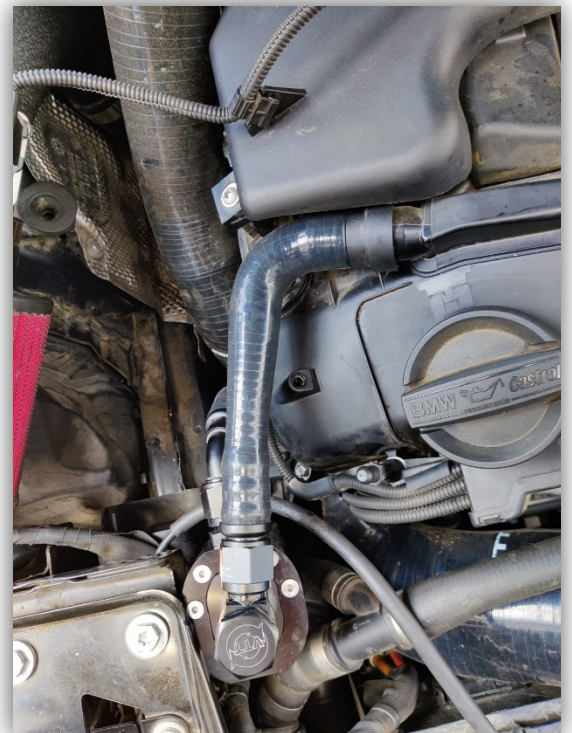


Fig 7



Fig 8

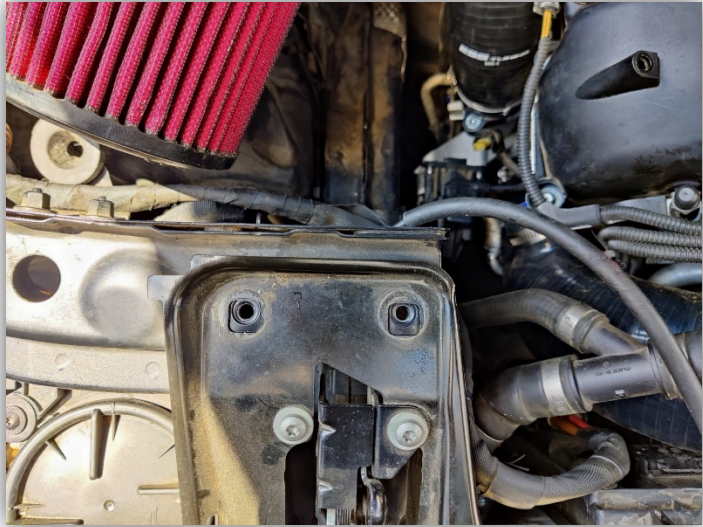


Fig 9



Fig 10



Fig 11

