

Supercharger Preliminary Notes

VORTECH SUPERCHARGER Model V3.

The Vortech V3 supercharger unit is a self contained unit. It contains its own oil in an internal reservoir cavity that is used for internal lubrication. The unit is supplied pre-filled with oil. The oil is a unique blend and can be purchased from Vortech directly or VF-Engineering. The supercharger unit is also supplied with a silver braided line fitted to the underside. When installing the supercharger kit, you can route this line to a location convenient for easy access. It will be used to drain the oil out of the supercharger explained below.

When in use, the supercharger unit gets hot and the oil inside will expand and will need to ventilate. The unit is supplied with a ventilation fitting that you must install on the supercharger after initially mounting it. The ventilation port on the supercharger is supplied with a blocked fitting so that the oil does not leak out during transportation.

The unit has 2 rounded brass fittings (gold colored) on the upper most end (when mounted in the engine). One is a dipstick and the other is the ventilation port. You may carefully open both to check them. Make sure you use the proper size allen/hex key (**3/16**) or else you may strip the fitting. [

Once the supercharger unit is installed, remove the blocked "shipping plug" fitting and install the ventilation fitting. Check the oil level and proceed. The oil must be changed after the first 2500 miles of use and then every 7500 miles.

The supercharger unit drain line should not be connected to anything. When it is time for an oil change, unscrew the fitting on the end of it and allow the oil to drain out in to a disposable container. Then close the fitting and refill the supercharger from the top through the dipstick port by removing the dipstick fitting. It will require approx 6-7 fluid oz.

The Vortech V3 unit is known as "super quiet" however it will make a rattle sound on idle and this is normal. The sound will quieten as rpm increases and with the hood shut, the unit will be almost silent when driving at part throttle. At certain specific RPM you may hear a harmonic resonance from the Vortech unit which is normal. If during the use, the sound is not the same and changes dramatically compared to before, you may wish to consult Vortech Engineering directly at www.vortechengineering.com. All servicing of the supercharger is performed by Vortech.

