

GRIMMSPEED "Discover your power"

GrimmSpeed Air/Oil Separator

Installation Instructions

Subaru Turbo Application



All GrimmSpeed products are intended for Off-Road use only. Park your vehicle on a level surface. Fully engage the parking brake and put wheel stops on the front and rear wheels to keep the vehicle from rolling.

Warning (read before installing):

Before moving forward with the setups outlined below, insure that you have the experience to properly modify your car. If not, please consult a professional. Without a proper install you could possibly damage your engine. Under no circumstances is the GrimmSpeed Air/Oil Separator to be used in any applications where failure of the AOS to operate as intended could jeopardize the safety of the operator or any other person or property.

NOTE: Our recommended method of installation retains the factory PCV valve.

NOTE: Black anodizing finish can be scratched by tools. When installing fittings into the AOS and when tightening the center piece of the AOS, use care to not damage the anodized finish.

Contents:

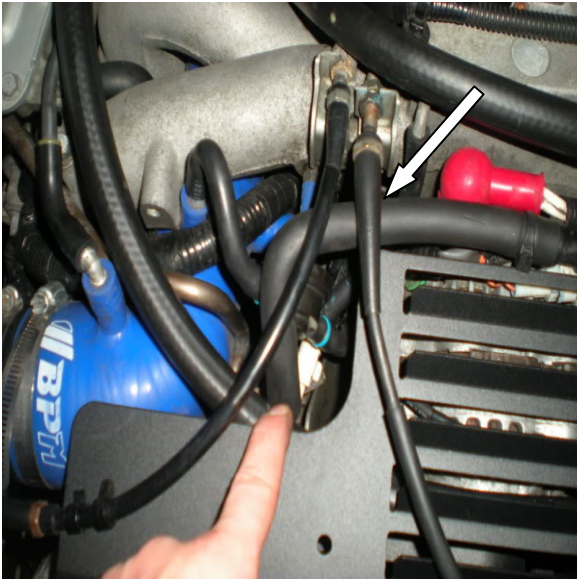
- (1) AOS unit
- (3) AOS Hose Fittings
- (2) ½" to ½" Hose Connector
- (1) ½" Cap
- (1) 8.5ft of ½" Fuel Hose
- (8) Zip-ties

B. Installation

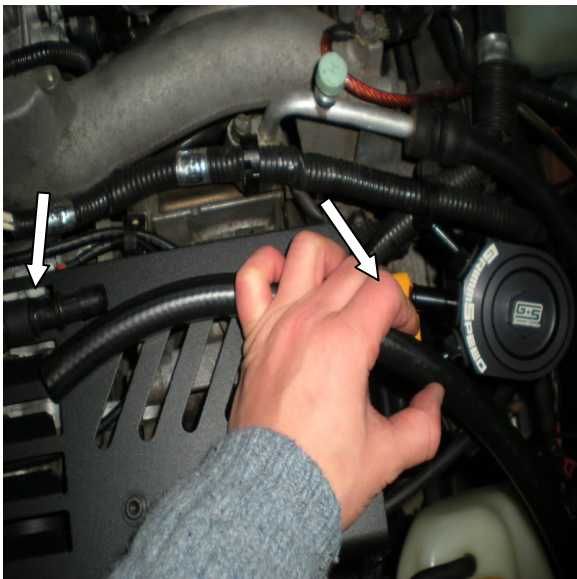
1. Screw AOS Hose Fittings into AOS Body. A dash of motor oil on the hose fitting o-rings is recommended.
2. Remove Oil Cap and loosely screw AOS into oil fill tube. Ultimately you want the AOS to point towards the 11 o'clock position.
3. Disconnect OEM hose that goes to head breather "T":



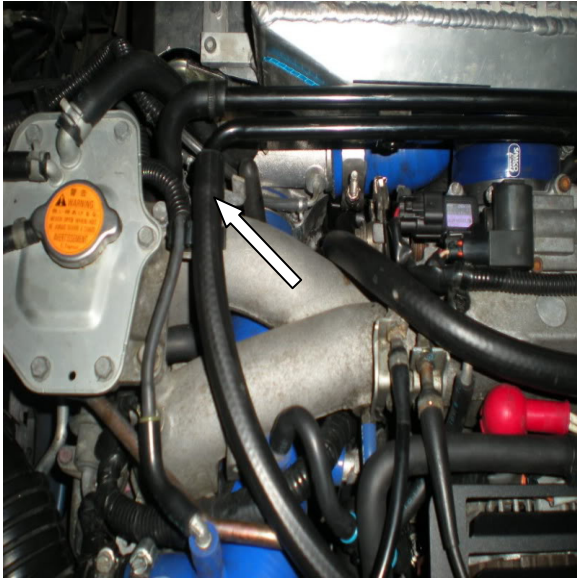
4. Position the disconnected hose to face towards the oil cap. Connect supplied plastic 1/2" connector.



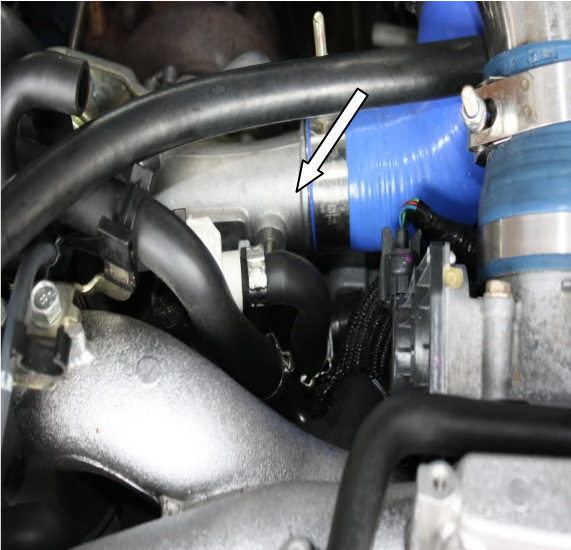
5. Using ~10" of supplied hose, connect upper port of AOS (middle one) to the other side of the 1/2" connector.



6. Using supplied hose (cut to fit), connect right bottom port on AOS with TMIC hard pipe:



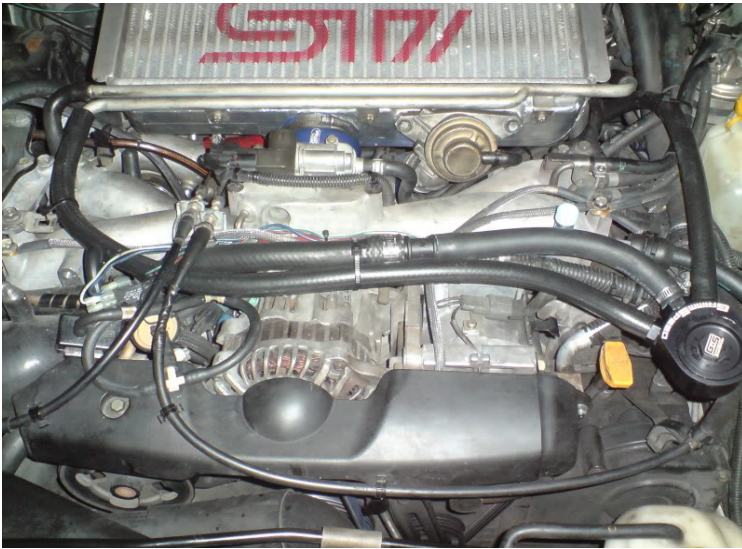
7. Pull OEM Hose that connects crankcase "T" to turbo inlet hose off of the turbo inlet. Push in 1/2" to 1/2" connector into oem hose. Connect supplied 1/2" hose to other end of 1/2" connector and bring to left bottom port on the AOS. Cut 1/2" hose to size and push on AOS hose fitting.



8. Put supplied 1/2" cap on turbo inlet hose.
9. Place supplied zip-ties on all hose connections including 1/2" turbo inlet cap.

Finished view: TMIC

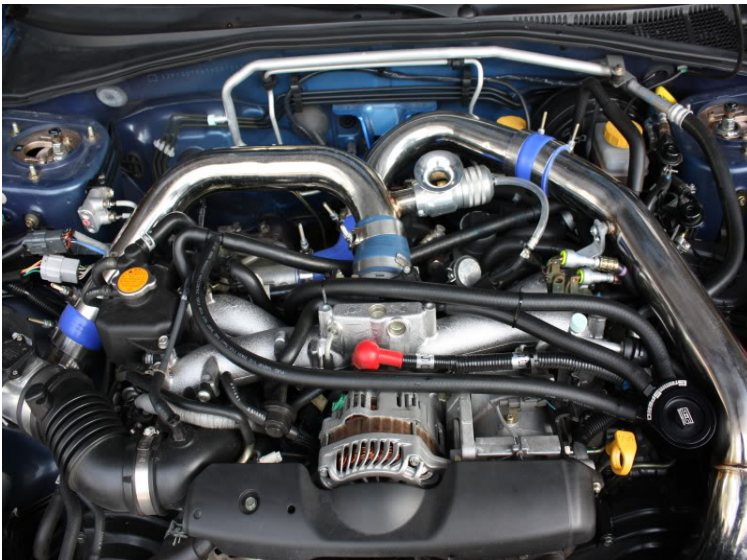
Note that you can route the hosing many different ways so feel free to change it up to fit your needs.



FMIC NOTES:

If you have a FMIC, the instructions are identical except the bottom right port on the AOS will not go to the oem head breather hardline, it will go to your existing "T" for the head breathers.

Finished view: FMIC



Please contact us if you have any questions during installation. 612.379.0000 or sales@grimmspeed.com.
AIM: GrimmSpd / MSN: grimmspeed@hotmail.com
Thank you for your purchase!