

PERRIN

2008+ WRX/STI/LGT COLD AIR INTAKE

07/18/2011

Thank you for purchasing the PERRIN cold air intake system. Installation of this intake system should only be performed by persons experienced in the installation and proper operation of Subaru engines.

WARNING: This part is designed, manufactured, and sold solely for use on off-road and racing vehicles not controlled by federal and local emissions laws. It is not intended for use on vehicles that operate on public streets and highways. Use of this part on emissions controlled vehicles may be in violation of federal or local law! ASMC, LTD. is not responsible for any damages as a result of misuse of this part. Check your local laws prior to use or installation.

SPECIAL NOTES:

- The use of a factory service manual is highly recommended and can be purchased or downloaded online at <http://techinfo.subaru.com>.
- This intake system does change the MAF curve slightly. **VEHICLES WITHOUT RE-CALIBRATED ECU'S (REFLASH OR SIMILAR) DO NOT REQUIRE ANY OTHER CHANGES TO USE THIS PRODUCT SAFELY. FOR CLIENTS WITH RE-CALIBRATED ECU'S (REFLASH OR SIMILAR), THIS INTAKE WILL REQUIRE CUSTOM PROGRAMMING DUE TO SLIGHT CHANGES IN AFR. PLEASE CONTACT OUR TECH DEPT FOR ADDL. DETAILS.**
- Make sure to wipe excess oil from your filter. Any excess amount of oil on filter can contaminate the MAF sensor.
- Make sure to clean the excess oil from the inside of the filter base. This will ensure that the filter doesn't slip off intake system.
- We recommend that your filter should be cleaned every 5-10,000 miles, depending on local dust and pollutant levels. A special foam filter cleaning kit is available from our website and dealers. NOTE: Use of other cleaners and oils can damage filter and void warranty.

Parts Included with the PERRIN Cold Air Intake:

- (1) PERRIN MAF2 Housing
- (1) 08 WRX/STI/LGT Intake Tube
- (1) 3.125"ID PERRIN filter
- (2) 2.75" Black Silicone Coupler
- (1) 08 WRX/STI Intake bracket
- (4) Size 312 T-Bolt clamps
- (2) M4x10mm screws
- (1) M6x25mm button head screw
- (1) M6 washer
- (1) 5/32 Allen key

Removing original air box assembly

1. Disconnect vehicle battery
2. Remove factory air inlet scoop to ease access. It can be removed completely or re-installed later.
3. Remove the mass airflow sensor (MAF) from the factory air box. Leave it plugged into wiring harness. (See fig 2) NOTE DIRECTION OF SENSOR FOR RE-INSTALLATION!
4. Remove the short rubber corrugated hose from the plastic turbo inlet hose to the air box.
5. Split OEM box and remove, half with MAF sensor. Locate and remove small 10mm nut on inside of remaining box half.
6. 08 WRX can remove air box after 10mm nut is removed. 08 STI needs to remove box and silencer in one shot.
7. Remove air box from chassis and. (2) 12mm bolts located on frame to the right of box.



Intake shown installed with PERRIN Turbo Inlet Hose

Installation of the PERRIN Cold Air Intake system

1. Install silicone coupler on turbo inlet hose. Silicone coupler will be tight to inlet hose, use of a bent awl may be necessary.
2. Loosely install (2) hose clamps supplied in kit around both ends of silicone tube.
3. Install supplied bracket and screw, loosely secure to chassis lower air box bolt-hole.
4. Install MAF sensor to adapter tube using supplied screws, making sure harness faces front of the car. (See pic above)
5. Install Black MAF adapter tube into remaining silicone coupler. Secure with supplied hose clamp included in kit.
6. Install filter onto MAF adapter, making sure to wipe out any excessive oil from filter base.
7. Install cold air pipe into coupler located on turbo inlet hose. Secure with clamp, some adjustment later may be needed.
8. Install filter onto end of cold air pipe. Use final clamp and wrap clamp around coupler and bracket and tighten to secure.
9. Reconnect vehicle battery
10. Re-install factory air inlet scoop if desired.
11. Check all connections and start the vehicle.

NOTE: OVER TIGHTENING THE CLAMPS CAN DAMAGE MAF ADAPTER TUBE AND SILICONE TUBE. FAILURE TO INSTALL MAF SENSOR CORRECTLY WILL DAMAGE SENSOR AND ENGINE DAMAGE CAN RESULT! FAILURE TO USE SUPPLIED HOSE CLAMPS WILL RESULT IN DAMAGE TO SILICONE PIECES.

PERRIN Performance Highly Recommends These Complimentary Products:

- PERRIN Turbo Inlet Hose
- PERRIN AccessPORT tuning
- PERRIN Uppipe
- PERRIN 3" Catback Exhaust

For questions & comments please contact

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