

advanced FLOW engineering

Instruction Manual P/N: TR-4303P Stage-2 Air Intake



Make: **Subaru**

Model: **Legacy**

Year: **2010-2012**

Engine: **H4-2.5L**

Make: **Subaru**

Model: **Outback**

Year: **2010-2012**

Engine: **H4-2.5L**



- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

Label	Qty.	Description	Part Number
A	1	Air Filter (Pro DRY S)	TF-9012D
B	1	Housing	05-T4303B2
C	1	Intake Tube	05-T4303P1 (Pol)
D	1	Coupler, Elbow	05-00136
E	1	Coupler, Straight	05-00417
F	1	Adaptor	05-01037
G	2	Clamp, 44	03-50019
H	1	Clamp, 48	03-50007
I	1	Clamp, 52	03-50008
J	1	Rubber Trim (34.25" in.)	05-00149
K	2	Spring Clip	03-50109
L	3	Screw, Button Head	03-50102
M	2	Screw, Cheese Head	03-50034
N	1	Hose (22.25" in.)	05-00069
O	2	Mini Clamp	05-50077

Installation will require the following tools:

Flat head screw driver, Phillips screw driver, 8mm socket, 10mm socket, Ratchet & 5/16 nut driver.





Refer to Figure A for step 1

Step 1: Remove the pins securing the intake plenum to the engine (1). Remove the rectangular cover to access the intake tube clamp at the throttle body (2). Loosen the clamp and disconnect the crankcase vent (located on the underside of the intake tube). Loosen the clamp securing the intake tube to the air filter housing (3). Remove the intake tube and plenum from the vehicle.



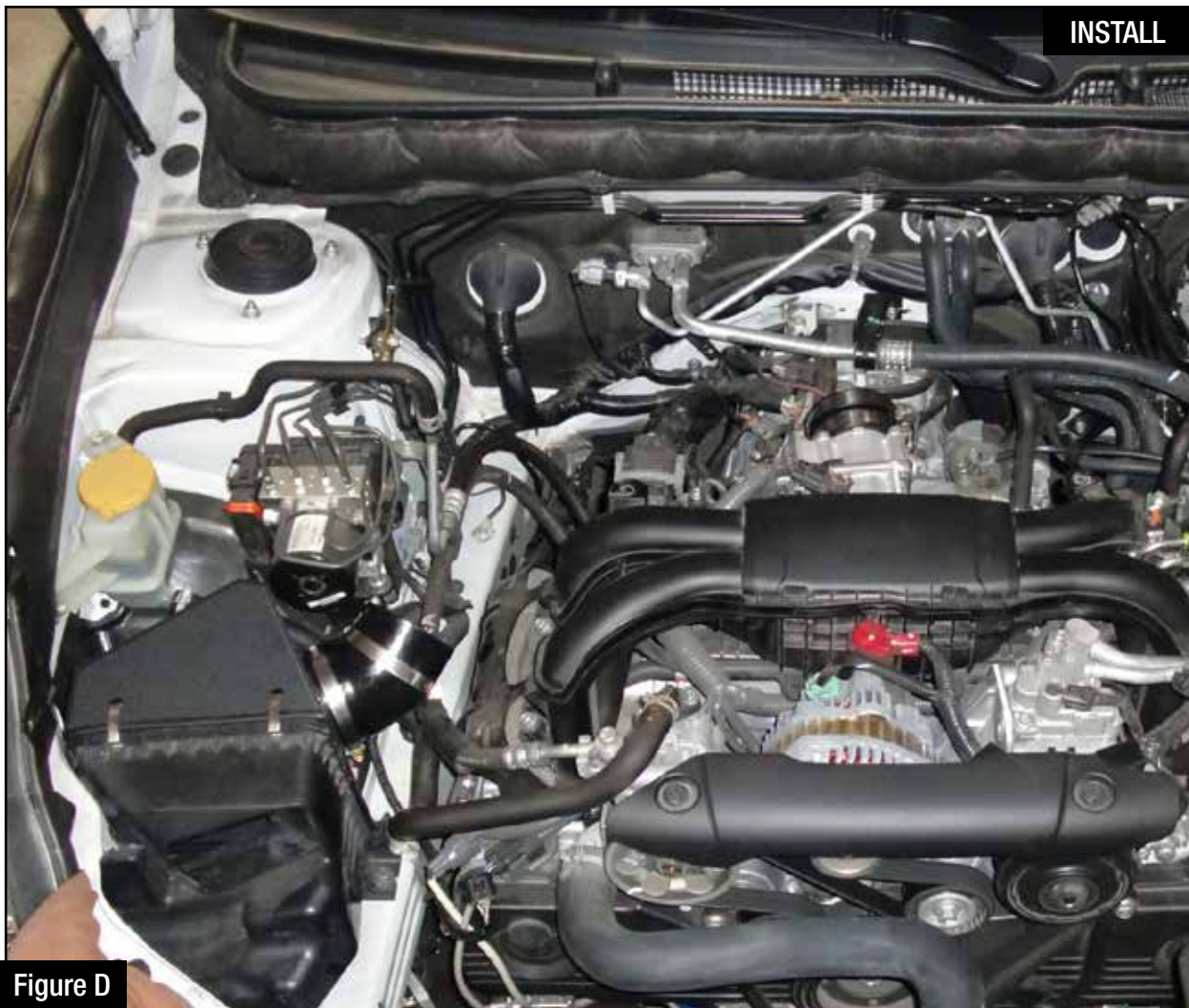
Figure B

Refer to Figure B for step 2

Step 2: Disconnect the wiring harness from the mass airflow sensor (MAF) (4). Unclip the two halves of the air filter housing (5). Remove the rear portion of the air filter housing and the air filter element from the vehicle. Remove the pins securing the air inlet duct to the vehicle (6). Remove the air inlet duct. Remove the OE crank case hose.

**Figure C****Refer to Figure C for step 3**

Step 3: Install the supplied air filter adapter in the air filter housing and secure using the supplied button head screws. Install the supplied air filter on the air filter adapter and tighten the clamp. Install the trim seal on the exposed edge of the air filter housing.

**Figure D****Refer to Figure D for steps 4-5**

Step 5: Install the assembled Takeda air filter housing in the vehicle and secure using the supplied clips. Install the elbow coupling on the air filter adapter and loosely secure with clamps. Install the straight coupling on the throttle body and loosely secure with clamps. Install the supplied hose with clamps (do not tighten clamps at this time).



Figure E

Refer to Figure E for step 6

Step 6: Install the Takeda intake tube into both couplings. Adjust the tube in the couplings for proper alignment and secure by tightening the clamps. Connect the crankcase vent to the underside of the intake tube. Remove the MAF sensor from the factory intake tube and install on the Takeda intake tube. Secure the MAF using the supplied screws. Connect the wiring harness to the MAF sensor. Re-install the factory air inlet duct.

Note: Retighten all connections after approximately 100-200 miles.

Place enclosed CARB EO sticker on or near the device on a smooth, clean surface. EO identification label is required to pass the smog inspection.

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Pro DRY S Air Filter



P/N: TF-9012D

Pro DRY S Restore Kit



P/N: TP-7015C

Oil Filter



P/N: 44-LF017

aFe Power Gloves



P/N: 40-10148 (M)
40-10149 (L)

Takeda T-Shirt



P/N: 40-30332 (M)
40-30333 (L)
40-30334 (XL)

Takeda Decal



P/N: TP-7003D

aFe Power Decal



P/N: 40-10144

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video; please go to aFepower.com.

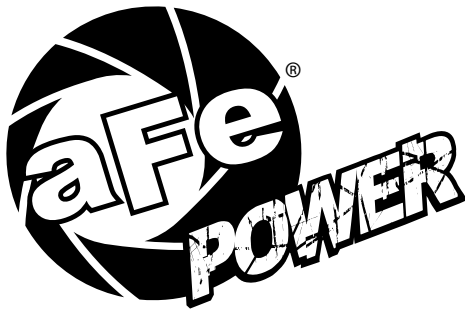
Warranty

General Terms:

- aFe warrants their products to be free from manufacturer's defects due to workmanship and material.
- This warranty applies only to the original purchaser of the product and is non-transferrable.
- Proof of purchase of the aFe product is required for all warranty claims.
- Warranty is valid provided aFe instructions for installation and/or cleaning were properly followed.
- Proper maintenance with regular inspections of product is required to insure warranty coverage.
- Damage due to improper installation, abuse, unauthorized repair or alteration is not warranted.
- Incidental or consequential damages or cost, including installation and removal of part, incurred due to failure of aFe product is not covered under this warranty.
- All warranty is limited to the repair and/or replacement of the aFe part. To request Return Goods Authorization ("RGA"), email RGA@afepower.com or call (951)493-7100. Upon receipt of the RGA, you must return the product to the address provided in the RGA, freight prepaid and accompanied with a dated proof of purchase and the RGA. Upon receipt of the defective product and upon verification of proof of purchase, aFe will either repair or replace the defective product within a reasonable time, not to exceed thirty days.

Product Category	P/N Prefix	Warranty duration
Direct OE Replacement Filters	10, 11, 30, 31, 71, 73	Life of the vehicle
Racing Filters	18	1 year
Universal	21, 24, 72, TF	2 years
Air Intake Systems	50, 51, 54, 55, 75, TR, TA, TL	2 years
Exhaust Systems	49	2 years
Intercoolers & Intercooler Tubes	46-2	2 years
Intake Manifolds	46-1	2 years
Differential Cover	46-7	Life of the vehicle
Exhaust Manifolds	46	2 years
Throttle Body Spacers	46-3	2 years
Fluid Filters	44	90 days
Pre-Filters	28	2 years
Heavy Duty OE Replacement	70	2 years
PowerSports OE Replacement	81, 87	2 years
PowerSports Intake Systems	85	2 years

No other warranty expressed or implied applies nor is any person or advanced FLOW engineering authorized to assume any other warranty. Some States do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.



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