

advanced FLOW engineering Magnum FORCE Cold Air Intake System

Instruction Manual P/N: 54-83038D / 54-83038R

Make: Porsche	Model: 911 Carrera (997.2)	Year: 2009-2012	Engine: H6-3.6L
Make: Porsche	Model: 911 Carrera S (997.2)	Year: 2009-2012	Engine: H6-3.8L
Make: Porsche	Model: 911 Carrera 4 (997.2)	Year: 2009-2012	Engine: H6-3.6L
Make: Porsche	Model: 911 Carrera 4S (997.2)	Year: 2009-2012	Engine: H6-3.8L
Make: Porsche	Model: 911 Targa 4 (997.2)	Year: 2009-2012	Engine: H6-3.6L
Make: Porsche	Model: 911 Targa 4S (997.2)	Year: 2009-2012	Engine: H6-3.8L



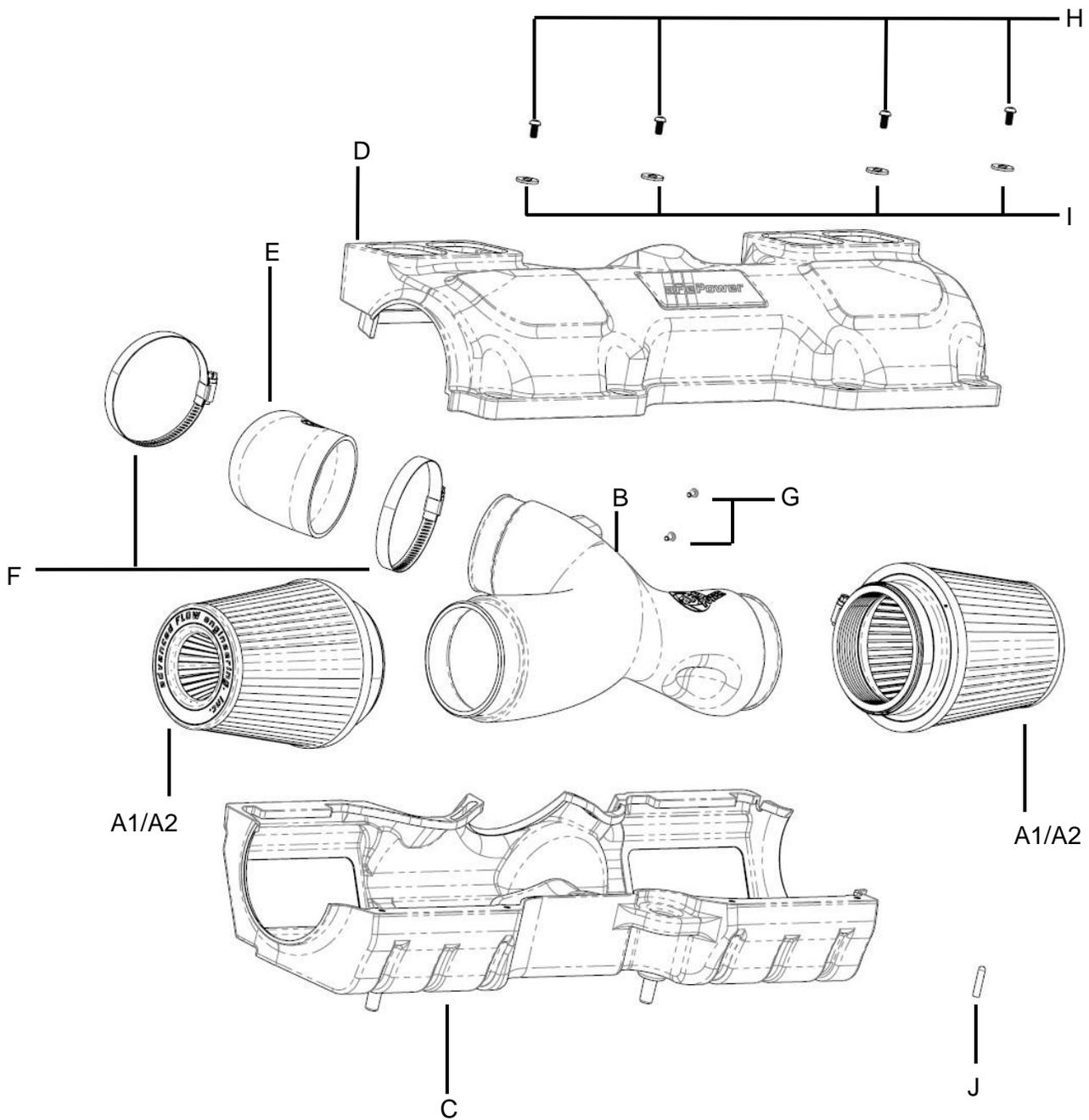
- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine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

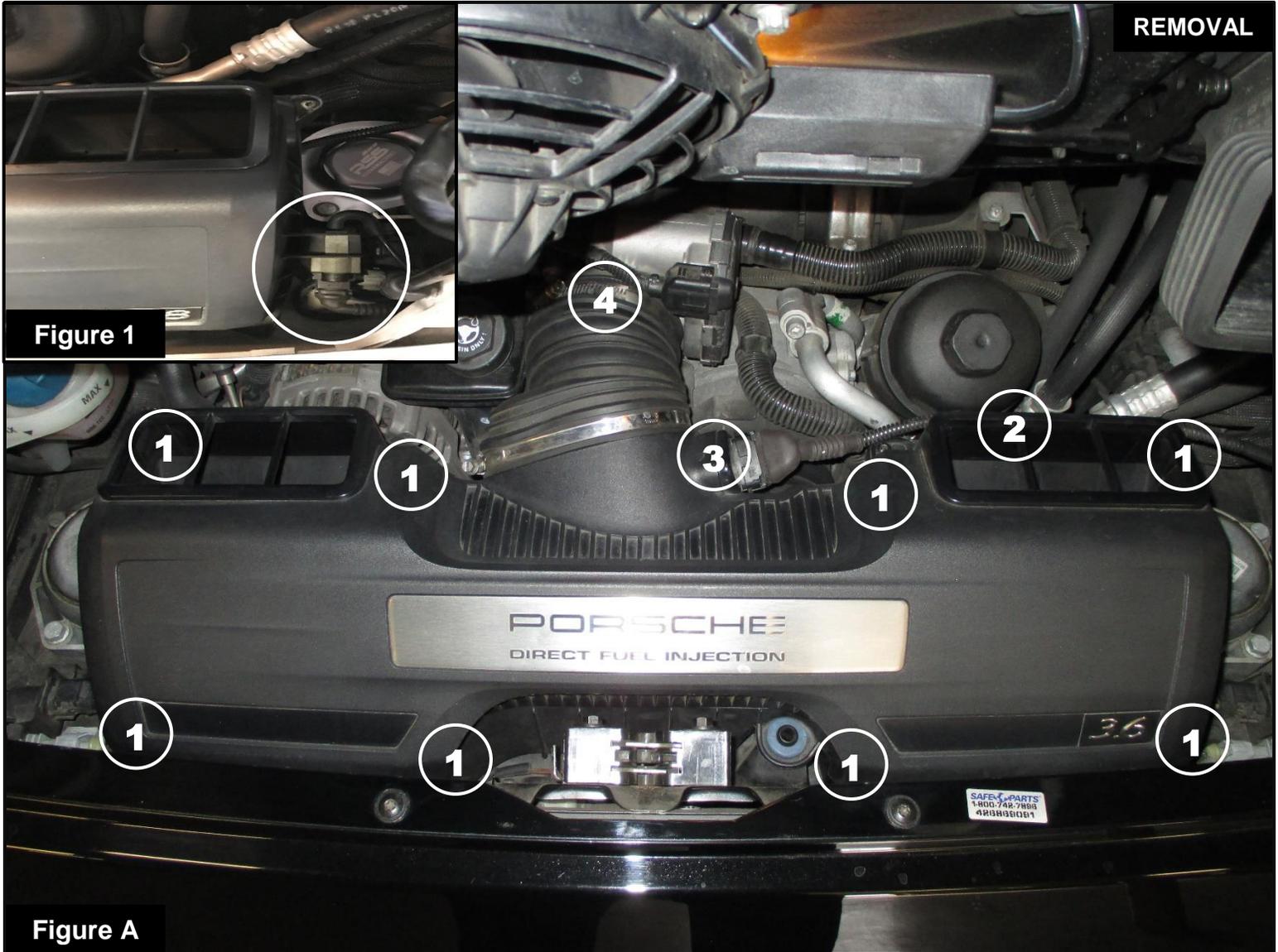
Label	Qty.	Description	Part Number
A1	2	Air Filter (Pro 5R)	24-91020
A2	2	Air Filter (Pro DRY S)	21-91020
B	1	Tube	05-82892B1
C	1	Housing	05-82892B2
D	1	Cover	05-82892B3
E	1	Coupling, Silicone	05-01494
F	2	Clamp, 056 (3-1/16" - 4")	03-50009
G	2	Screw: M4	03-50490
H	4	Screw: M6	03-50102
I	4	Washer, Flat: M6	03-50070
J	1	Cap, Vinyl Mini	03-50484

Installation will require the following tools:

T20 and T25 Torx drivers, 7mm and 8mm nut drivers, flat-head screwdriver.

Emissions Disclaimer: This product is not currently CARB exempt and is not available for purchase in California or for use on any vehicle registered with the California Department of Motor Vehicles.





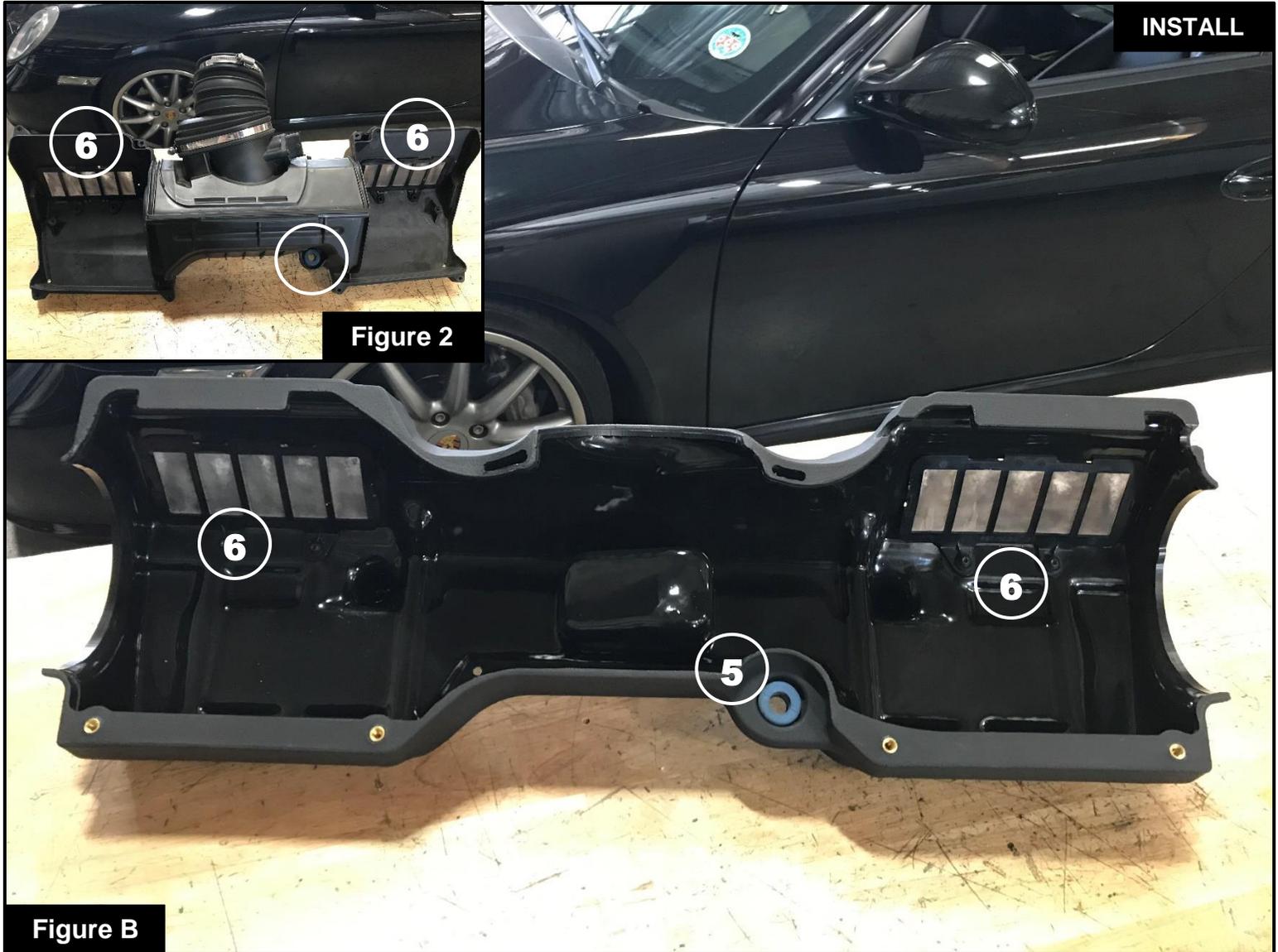
Refer to Figure A for Steps 1-4

Step 1: Remove the eight (8) screws on the factory intake ①.

Step 2: Detach the mass air flow (MAF) sensor harness from the factory cover ②, and disconnect the MAF sensor ③.

Step 3: Loosen the clamp at the throttle body, then remove the factory cover, before pulling the factory intake up and away from the engine bay ④.

Step 4: For “S” models with the 3.8L engine, detach the changeover valve from the factory intake, as shown in Figure 1. Then, disconnect the hose line from the factory intake at the changeover valve.



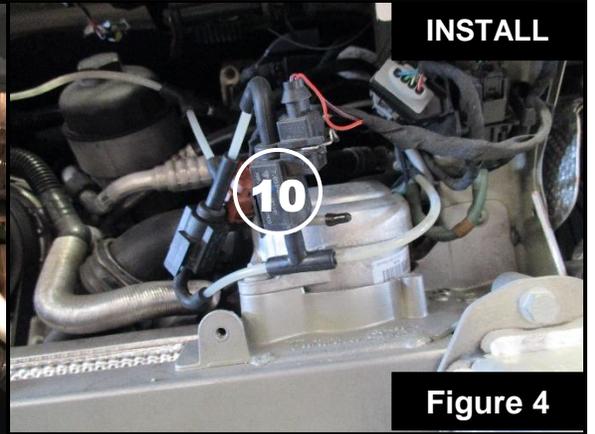
Refer to Figure B for Steps 5-6

- Step 5: Transfer the grommet from the factory intake to the aFe Power housing (5), as shown in Figure 2.
- Step 6: To remove the two (2) vents screens (6) from the factory intake, remove the two (2) factory air filters from the factory intake. Then, transfer the two (2) vent screens to the aFe Power housing, using the four (4) factory screws.

**Figure C****Refer to Figure C for Steps 7-8**

Step 7: Transfer the MAF sensor from the factory intake to the aFe Power tube, using the two (2) supplied M4 screws (7).

Step 8: Install the two (2) supplied air filters onto the aFe Power tube (8) and tighten the clamps.



Refer to Figure D for Steps 9-11

Step 9: Install the coupling into the vehicle with the logo facing up, as shown in Figure 3. Install the clamps, but do not tighten the clamps at this time.

Step 10: Install the aFe Power housing into the vehicle and push firmly into the factory grommet (9).

Step 11: With the provided rubber cap, close off the changeover valve (10), as shown in Figure 4.

**Figure E****Refer to Figure E for Steps 12-14**

Step 12: Install the aFe Power tube into the vehicle. Make sure the tube sits comfortably before tightening the clamps at the coupling.

Step 13: Connect the MAF harness to the MAF sensor (11).

Step 14: Place the MAF harness into the slots of the aFe Power housing (12), as shown in Figure 5.

**Figure F**

Refer to Figure F for Steps 15-16

Step 15: Install the aFe Power cover over the aFe Power housing and tube. First, align the aFe Power cover's backside to the aFe Power housing's backside and match the slots to their respective tabs. Then, use the four (4) pairs of M6 screws and washers to fix the aFe Power housing and cover (13).

NOTE: Be careful when slipping the MAF harness through the aFe Power cover.

Step 16: Make sure all connections and components are secure. Your install is now complete. Thank you for choosing aFe Power!

NOTE: Check all bolts, clamps, and connectors after 100-200 miles.

Pro DRY S Air Filter



P/N: 21-91020-MA

Pro 5R Air Filter



P/N: 24-91020-MA

Pro DRY S Restore Kit



P/N: 90-59999

Blue Squeeze Restore Kit



P/N: 90-50501

Pre-Filter



P/N: 28-10103

SPRINT BOOSTER V3



P/N: 77-16402



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

Warranty

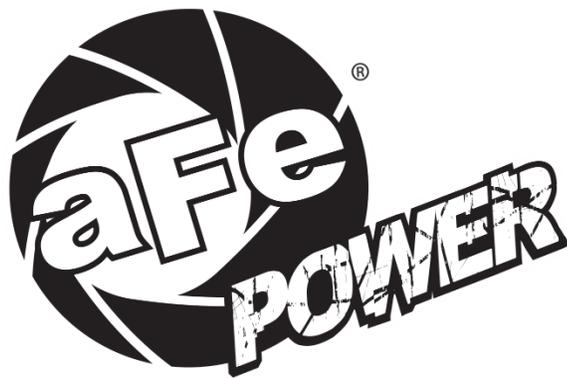
General Terms:

- 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	20, 21, 23, 24, 72, TF	2 years
Air Intake Systems	50, 51, 53, 54, 55, 56, 57, 58, 75, TR, TA, TL, TM	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
Turbochargers	46-6	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.

*See turbocharger warranty for more info



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