



#### **RACE ONLY DISCLAIMER**

This is a Race Only product that is to be used solely for competition, it cannot be used on vehicles that are operated on public streets, roads or highways. Its use is limited to closed-course and open-course racing that is formally sanctioned by a recognized racing organization. Any other use, including recreational off-road use, could be in violation of local, state and federal laws. A competition acknowledgement / liability release form must be filled out and submitted.

**advanced FLOW engineering**

**Instruction Manual P/N: 48-36301-1**

**DOWN PIPES**

Make: **BMW** Model: **335i** Year: **2007-2010** Engine: **L6-3.0L (tt) N54 E90/92/93**

Make: **BMW** Model: **135i** Year: **2008-2010** Engine: **L6-3.0L (tt) N54 E82/88**

Make: **BMW** Model: **335is** Year: **2011-2012** Engine: **L6-3.0L (tt) N54 E92/93**



- 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	Front Down Pipe	05-45568
B	1	Rear Down Pipe	05-45569
C	1	10mm Hex Head Screw	03-50032
D	4	M8 Hex Head Screws	03-50225

Installation will require the following tools:

Anti-sieze paste, **torque wrench**, ratchet, extension, 7/8" O<sub>2</sub> sensor wrench, 12mm socket, 12 mm wrench, 15mm wrench, 12 point 8mm, 13mm, 14mm & 15mm sockets.

Note: Legal in California for use on race vehicles only. The use of this device on vehicles used on public streets or highways is strictly prohibited in California and others states that have adopted California emission regulations. A aftermarket vehicle tuner may be needed to avoid check engine lights.





**Refer to Figure A for step 1**

Step 1. Remove the (4) flange nuts using a 12mm socket and save for reuse. Replace the flange gaskets if they are no longer serviceable.



**Refer to Figure B for step 2**

Step 2. Remove the down pipe bracket off the OE down pipes and off the transmission.





Figure C

**Refer to Figure C for step 3**

Step 3. Remove passenger side steering rack mounting bolt. Loosen the driver side as well. Swing steering rack forward for easier access to turbo connections.



Figure D

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

Step 4. Remove all four O<sub>2</sub> sensors using a 7/8" wrench after marking their location.

Step 5. Loosen the V-band clamps at turbo outlets using a 13mm socket.



Figure E

**Refer to Figure E for steps 6-7**

Step 6. Remove the front down pipe first.

Step 7. Remove the rear down pipe.





Figure F

**Refer to Figure F for step 8**

Step 8. The tall heat shield screw will need to be replaced with a shorter 10mm hex head screw.



Figure G

**Refer to Figure G for steps 9-13**

Step 9. Install the new rear down pipe first.

Step 10. Assemble the V-band clamp using a 13mm socket, but do not fully tighten at this time.

Step 11: Install the front down pipe using the original V-band clamp using a 13mm socket but do not tighten.

Step 12: Re-install the OE down pipe bracket to the transmission and aFe down pipes (You may need to rotate to align) and tighten.

Step 13: Tighten both V-band clamps.

INSTALL



Figure H

**Refer to Figure H for step 14**

Step 14. Reinstall the O<sub>2</sub> sensors with anti-seize paste and tighten using a 7/8" wrench.

(Note: It may be necessary to add slack to the O<sub>2</sub> sensor wire by adjusting the wire harness from under the hood.)





Figure I

**Refer to Figure I for steps 15**

Step 15. The rear flanges can be reconnected using the new gaskets or the originals if still serviceable. The use of anti-seize is recommended on the flange studs.





Figure J

**Refer to Figure J for steps 16-17**

Step 16. IMPORTANT; Return the steering rack to its original position and torque to factory specifications.

Step 17. Your installation is now complete. Be sure to retighten all connections after approximately 100 miles.



Scorcher Module



P/N: 77-46302

Stage 2 Intake



P/N: 54-11472

Stage 2 Si Intake



P/N: 54-82002

Stage 2 Si Elite Intake



P/N: 50-81472

Cat-Back Exhaust Black



P/N: 49-36302-B

Cat-Back Exhaust Polished



P/N: 49-36302-P

Cat-Back Exhaust



P/N: 49-36302

Dynamic Air Scoops



P/N: 54-11478

To purchase any of the items above, view airflow charts, dyno graphs, photos, and video please go to [aFepower.com](http://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](mailto: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.

<b>Product Category</b>	<b>P/N Prefix</b>	<b>Warranty duration</b>
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 & Down Pipes	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

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