APPLICATION:
Make: BMW
Model: M3 (E90/92/93)
Year: 2008 - 2013
Engine: V8-4.0L

INSTALLATION INSTRUCTIONS

50-11662-B/BV
'08-'13 BMW M3 (E90/92/93)
V8-4.0L

Read these instructions carefully before proceeding to install system. Verify the components below with the actual contents. Ensure you have the tools and expertise required to install this system. If you have any questions, contact aFe at (951)493-7100 and ask for “tech support”.

NOTES:
- Legal in California for use only on race vehicles that will not be used on public streets and highways.
- Failure to follow installation instructions and not using the provided hardware may damage the system.
- Retain your stock intake system in the event you wish to return the vehicle to stock status.
- Go to www.afepower/cleaning for detailed cleaning instructions of the filter.

PARTS LIST:

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<th>Qty</th>
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<tr>
<td>A-1 Spare filter</td>
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<td>Flat Washer: M6</td>
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Note: Part numbers ending with CV & BV are "Value Packages that include DAS scoops, a prefilter and cleaning kit that is not shown.

Required Tools:
- 2.5 mm allen wrench
- 10mm socket
- Flat blade screwdriver
- 5/16" Nut Driver
- Ratchet
- 1/4” Socket or 8mm nut driver
- T20 torx bit

Updated: 2/14
1- View of stock engine compartment.

2- Gently squeeze the stock smog pump and pull straight back to remove.

3- Loosen the intake tube clamp from the intake tube with a 1/4” or 8mm nut driver or flat head screw driver.

4- Remove the two airbox mounting bolts shown with 10mm socket or wrench.

5- Gently pull the intake tube off of the intake plenum.

6- Pull up on the back of the intake and work the intake free from the engine bay.

7- Remove the stock rubber mounts that are located under the stock intake box and put them aside.

8- Install aFe’s intake tube into the housing.

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe’s “Restore Kit” (aFe P/N: 90-50001 blue oil P/N 90-50000 gold oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil).

Filter Replacement: PN: 24-60505 (black w/blue media), Pro Dry S™ P/N: 21-60505 (black w/white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074.
9- Install supplied hex screw, wavy washer and flat washer. Do not fully tighten.

10- Install supplied grommet into aFe’s intake tube.

11- Firmly press the adapter into the grommet until it is seated all the way in.

12- Install the supplied trim seal to the lower edge of the housing.

13- Position coupling onto intake tube with supplied clamps. Do not fully tighten.

14- Carefully position housing into the vehicle and line up the mounting points.

15- Line up intake tube with the intake plenum.

16- Slide the coupling onto the intake plenum, use the bead on the tube to verify that the coupling is on straight. Do not fully tighten.

Note: Filter Cleaning and Re-oiling: When cleaning your aFe filter, be sure to use only aFe’s “Restore Kit” (aFe P/N: 90-50001 blue oil P/N: 90-50000 gold oil aerosol, or aFe P/N: 90-50501 blue squeeze bottle oil).

Filter Replacement: PN: 24-60505 (black w/blue media).  Pro Dry S™ P/N: 21-60503 (black w/ white media)  Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074
17- Place the supplied nut with wavy washer onto the bottom of the housing. Do not fully tighten.

18- Install the supplied hex screw, wavy washer and flat washer into the upper mounting tab. Do not fully tighten.

19- Insert the smog pump line onto the adapter and make sure it locks into place.

20- Place the cold air duct into the housing slot, and work it into position.

21- Once in position, push the cold air duct into the factory cold air inlet. It should fit snug to form a seal.

22- Tighten lower housing support nut with 10mm socket or wrench.

23- Once aligned, tighten down the upper mounting bolt with 10mm socket or wrench.

24- Tighten down the bolts installed in steps #10 & #11 using a 10mm socket or wrench.

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Filter Replacement: PN: 24-60505 (black w/blue media), Pro Dry S™ PN: 21-60505 (black w/ white media) Pro Dry S™ cleaning: see cleaning instruction sheet 06-00074
Note: When cleaning your aFe filter, be sure to use only aFe’s “Restore Kit” (aFe P/N: 90-50001 blue oil P/N 90-50000 gold oil aerosol, or aFe P/N: 90-50501 blue 90-50500 gold squeeze bottle oil). Filter Replacement: P/N: 24-60505 (black w/ blue media) ProDry S™ P/N: 21-60505 (black w/ white media) ProDry S™ cleaning: see cleaning instruction sheet 06-00074.

25- Tighten down both clamps on supplied coupler using a 5/16” nut driver to secure intake tube to intake manifold. Note: Do not over tighten.

26- Slip air filter around the intake tube and position it to be facing downward. Note: Verify that filter is completely on tube. Use the tube bead for reference on positioning. Filter sits angled downward to have clearance for the cover.

27- Once filter is in position, tighten clamp with a 5/16” nut driver. The white filter is oil-free and is included as a spare filter. The white filter is washable but should not be oiled.

28- Position cover over housing.

29- Secure cover with supplied M6 button head screws and tighten with 2.5mm allen wrench.

30- Your Installation is now complete. Please check all components and retighten if necessary. Thank you for choosing aFe Power!
Every intake system we sell has been tested on a Mustang Chassis Dynamometer and have been proven to increase horsepower. We measure horsepower at the wheels. OE manufacturer horsepower ratings are measurement of horsepower at the engine and will be higher than that which is measured at the wheels due to power loss through the drive train.

*aFe Air Intake System Warranty Policy*

*aFe* offers a limited lifetime warranty on this intake system that lasts the life of the vehicle. This warranty applies only to the original purchaser of product and is non-transferable. Proof of purchase of the *aFe* intake system and the vehicle are required for any warranty claims. *aFe* will not honor this warranty due to improper installation or fitment, damage from misuse, accidents or flying debris. This warranty is only limited to the repair and/or replacement of the *aFe* part. Under no circumstance will this warranty exceed the original purchase price of the *aFe* part nor will *aFe* be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product. Improper use or installation, abuse, unauthorized repair or alteration will void this warranty. Warranty claims to *aFe* must be freight prepaid and accompanied with a dated proof of purchase. Any warranty returns must be accompanied by a valid Return Merchandise Authorization (RMA) number which can be requested from *aFe* Customer Service at (951)493-7100 or the return will be refused.