



advanced FLOW engineering™  
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 Support: 951-493-7100  
 aFepower.com

## Intake kit Installation Instructions: BMW '08 E82/88 135i, '07-'08 E90/92/93 335i L6-3.0L(t) Stage 2 w/D.A.S.

<b>Kit P/N:</b> 51/54-11473 w/D.A.S.	<b>Tools Required:</b> 5/16" nut driver 1/4" nut driver Flat head screwdriver Pliers, needle nose Driver w/T25 torx bit	<b>Parts list</b>	2 Air filter ( <b>Pro-5R™</b> 24-90054 or <b>Pro Dry S™</b> 21-90054)	1 05-01016 Driver side D.A.S. 1 05-01017 Passenger side D.A.S.
<b>Make:</b> BMW			1 Housing	
<b>Model:</b> E90 335i/xi	<b>Year:</b> 07-08	<b>Engine:</b> L6-3.0L (T)	1 Tube, intake dual filter	
E92 335i/xi	07-08	L6-3.0L (T)	1 7/16" trim seal @ 30.5" L	
E93 335i	07-08	L6-3.0L (T)	1 Rubber edge seal @ 11" L	
E82 135i	2008	L6-3.0L (T)	1 Screw, M6 x1 x 12	
E88 135i	2008	L6-3.0L (T)	1 Washer, wavy M6	
			1 Washer, flat M6	
			1 Restore kit	



Complete Kit w/ Parts



Step 1

Complete Stock Intake.



Step 2

Disconnect vacuum line and pull back.



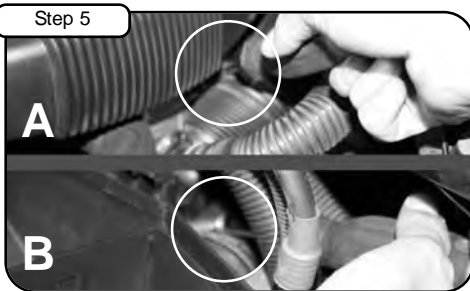
Step 3

Unclip upper half of air box to remove lid and filter.



Step 4

Pull back rubber mount attached to battery cable. Use pliers if necessary. This will allow stock clamp to be loosened. (To be done in step 5B.)



Step 5

A) Loosen clamp closest to the radiator with 1/4" nut driver. B) Loosen clamp closest to fire wall with 1/4" nut driver. Leave clamps in position.



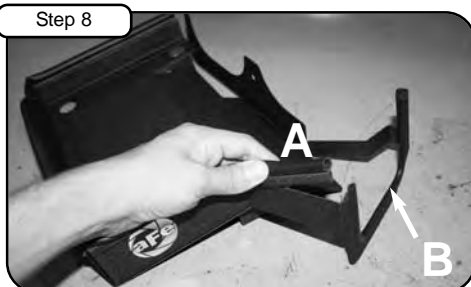
Step 6

Remove complete air box from vehicle.



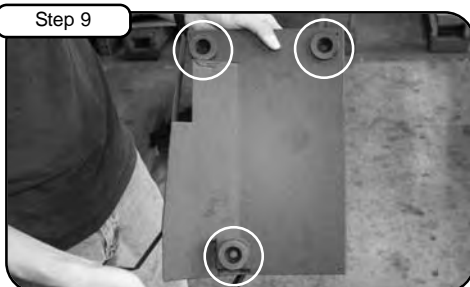
Step 7

Remove the 3 rubber grommets from the air box. (To be used in step 9.)



Step 8

A) Attach 7/16" trim seal to top of housing. B) Attach rubber edge trim seal to ram air cut out on housing.



Step 9

Install rubber grommets from step 7 on new housing.



Step 10

Install new tube into vehicle and pull back towards driver fender. Do not tighten clamps.



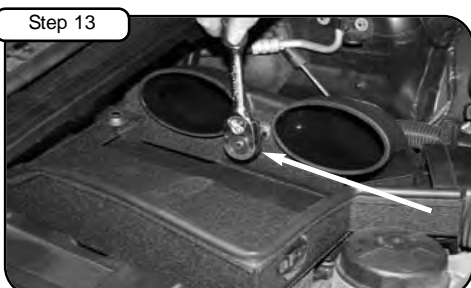
Step 11

Install housing into factory position.



Step 12

Push down housing allowing grommets to seat. Align threaded insert with hole on housing.



Step 13

Install screw, washer and wavy washer provided, and tighten with 10mm socket or wrench. Tighten clamps to tube with 1/4" nut driver.



Step 14

Install air filters and tighten with 5/16" nut driver and connect vacuum line.



Step 15

Your Intake installation is now complete. Please check all clamps and hoses periodically and 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 aerosol, aFe P/N: 90-50501 blue squeeze bottle oil, aFe P/N: 90-59999 Pro Dry S™ cleaner only.) Filter Replacement: **Pro-5R™** P/N: 24-90054 (black w/blue media). **Pro Dry S™** P/N: 21-90054 (black w/white media) **Pro Dry S™** cleaning: see cleaning instruction sheet 06-00074. For replacement part(s) or "Restore Kit" please call aFe sales/tech support @ 951-493-7100

Continue to page 2 for D.A.S. Installation. →



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<b>Make:</b>	BMW	
<b>Model:</b>	<b>Year:</b>	<b>Engine:</b>
E90 335i/xi	07-08	L6-3.0L (T)
E92 335i/xi	07-08	L6-3.0L (T)
E93 335i	07-08	L6-3.0L (T)
E82 135i	2008	L6-3.0L (T)
E88 135i	2008	L6-3.0L (T)

<b>Tools Required:</b>
5/16" nut driver
1/4" nut driver
Flat head screwdriver
Pliers, needle nose
Driver w/T25 torx bit

<b>Parts list</b>	
2 Air filter ( <b>Pro-5R™</b> 24-90054 or <b>Pro Dry S™</b> 21-90054)	1 05-01016 Driver side D.A.S.
1 Housing	1 05-01017 Passenger side D.A.S.
1 Tube, intake dual filter	
1 7/16" trim seal @ 30.5" L	
1 Rubber edge seal @ 11" L	
1 Screw, M6 x1 x 12	
1 Washer, wavy M6	
1 Washer, flat M6	
1 Restore kit	



Complete Kit w/ Parts

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Complete Stock Configuration.



Remove screws on ram air duct using T25 torx bit. (Save for later installation)



Pull back ram air duct and remove.



With flat head screwdriver, carefully pry and push up plastic pin.



Remove plastic pin.



Remove plastic clip. Repeat steps 19-21 for remaining clip. (Save for later installation)



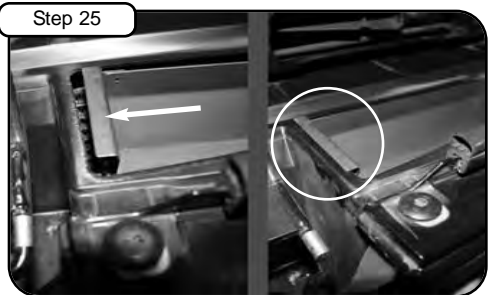
Lift and pull out cover.



The grills are held in place with push clips. To remove, reach in behind each grill and push forward.



Install 05-01016 Driver side D.A.S.



Position scoop tab on plastic support as shown. (Repeat for 05-01017 Passenger side D.A.S.)



For easier installation, the next three steps will require an assistant. Have person A hold the scoops in position as shown.



Have person B re-install the cover and secure with plastic pin clips that were removed earlier. (See steps 19-21)



Detail of properly installed plastic pin clips. Make sure pin clips are through hole on scoops allowing to secure and hold in place!



Re-position ram air duct from step 3. Secure using the 2 screws from step 17 and tighten using T25 torx bit.



Your completed D.A.S. installation will look like this. Check and make sure they are secure. Re-install grills by lining up tabs and pushing them in until they snap into place. Thank you for choosing aFe!