



advanced FLOW engineering™  
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**Intake kit Installation Instructions: BMW E82/88 135i, E90/92/93 335i, E60 535i L6-3.0L Stage 2**

|                             |  |              |                        |                       |  |                                           |                             |  |  |
|-----------------------------|--|--------------|------------------------|-----------------------|--|-------------------------------------------|-----------------------------|--|--|
| <b>Kit P/N:</b> 51/54-11472 |  |              | <b>Tools Required:</b> |                       |  | <b>Parts list</b>                         |                             |  |  |
| 51/54-11643                 |  |              | 5/16" nut driver       |                       |  | 2 Air filter ( <b>Pro-5R™</b> 24-90054 or |                             |  |  |
| <b>Make:</b> BMW            |  |              | 1/4" nut driver        |                       |  | <b>Pro Dry S™</b> 21-90054)               |                             |  |  |
| <b>Model:</b>               |  | <b>Year:</b> | <b>Engine:</b>         | Flat head screwdriver |  |                                           | 1 Housing                   |  |  |
| E82/E88 135i                |  | 07-10        | L6-3.0L (T)            | Pliers, needle nose   |  |                                           | 1 Tube, intake dual filter  |  |  |
| E9X 335i/ix                 |  | 07-10        | L6-3.0L (T)            |                       |  |                                           | 1 7/16" trim seal @ 30.5" L |  |  |
| E92 335i                    |  | 10-13        | L6-3.0L (T)            |                       |  |                                           | 1 Rubber edge seal @ 11" L  |  |  |
| E60 535i/ix                 |  | 08-10        | L6-3.0L (T)            |                       |  |                                           | 1 Screw, M6 x1 x 12         |  |  |
| E71 X6 35xi                 |  | 08-10        | L6-3.0L (T)            |                       |  |                                           | 1 Washer, wavy M6           |  |  |
| E89 Z4 35i/is               |  | 09-15        | L6-3.0L (T)            |                       |  |                                           | 1 Washer, flat M6           |  |  |
| E82 1M                      |  | 11-12        | L6-3.0L (T)            |                       |  |                                           | 1 Restore kit               |  |  |



Complete Kit w/ Parts



Complete Stock Intake.



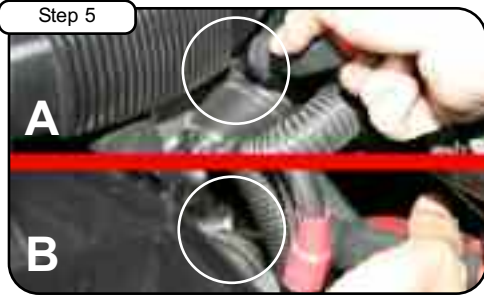
Disconnect vacuum line and pull back.



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



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.)



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.



Remove complete air box from vehicle.



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



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



Install rubber grommets from step 7 on new housing.



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



Install housing into factory position.



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



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



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



Your installation is now complete. Please check all clamps and hoses periodically and tighten. Thank you for choosing aFe!

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