

FOR RACING USE ONLY



S-FLO AWE Tuning S-Flo Air Intake Kit For Audi S4/A6 2.7T

While simple in principle, the S-Flo for the 2.7l twin turbo produces quite tangible increases in engine power and smoothness. The improvements are from a combination of air filter design (the unique venturi shaped base of the ITG filter) and the precise mandrel bent transition tube.

Our scan tool measurements recorded an average increase of 25 grams-per-second of air through the mass air flow sensor (MAF), with a dramatically smoother flow curve. We believe you will be quite pleased with the S-Flo. Thank you for your purchase!

INSTALL INSTRUCTIONS: Install takes .5-1 hr, and should be done on a cool engine, with key out of ignition.

PARTS LIST:

ITG Conical air filter

Mandrel bent aluminum transition tube with o-ring

Silicone coupler with 2 hose clamps

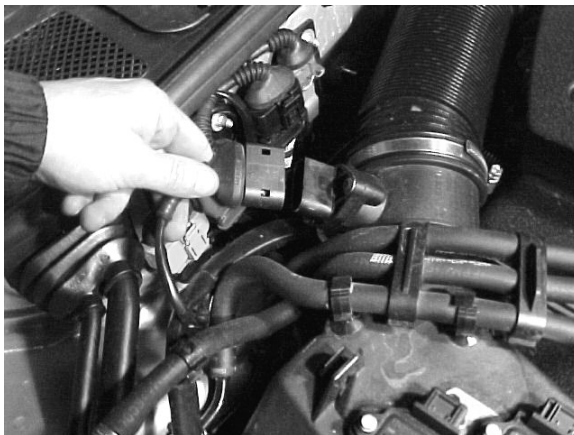
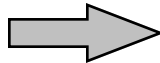
Zip tie

TOOLS REQUIRED: Long and medium flat blade screwdrivers, pliers.



← Step 1: Pop open hood and locate air box on passenger side of engine compartment. Remove trim cover by pulling upwards.

Step 2: Remove air box ducting by pulling upwards and outwards.

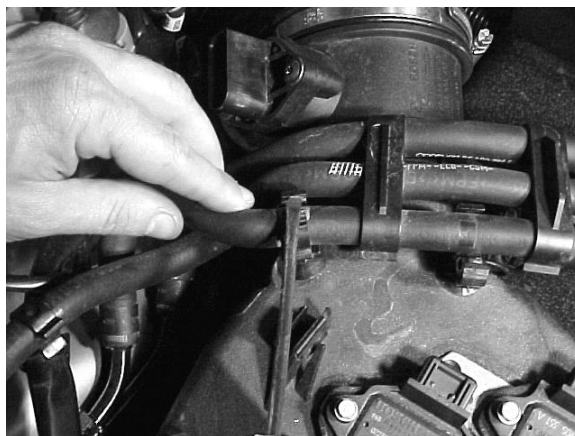
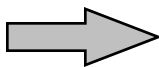


← Step 3: Unplug Mass Air Flow sensor (MAF). Do so by pushing the tab inward on the harness connector.

Step 4: Unplug ignition module connectors on top of air box. Cut zip-tie (marked by arrow). Use enclosed zip tie during re-install.



Step 5: Pop open plastic clips holding hoses to air box with flat head screwdriver.

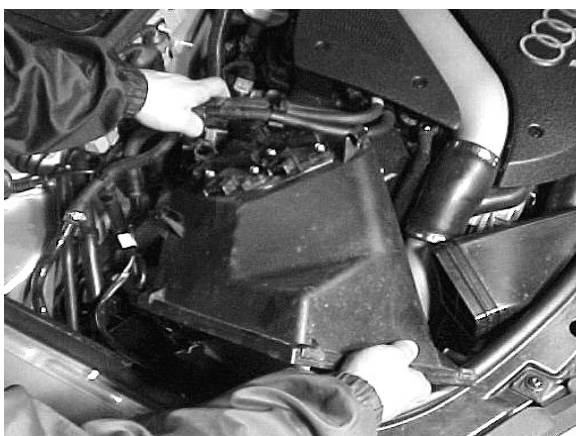
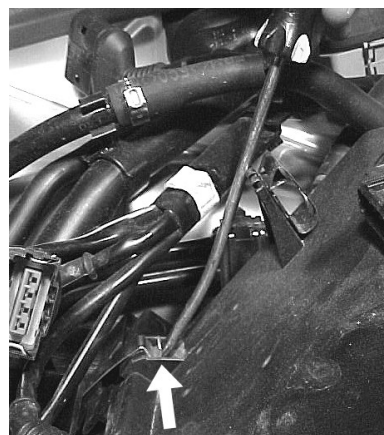


Step 6: Remove air intake tube. Loosen screw type hose clamp holding tube to MAF on one end, and squeeze with pliers to loosen on manifold end.

IMPORTANT:

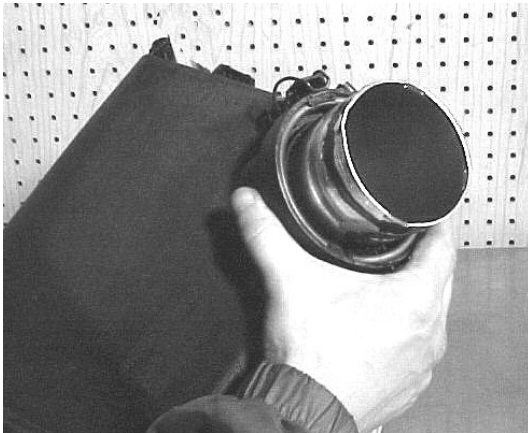
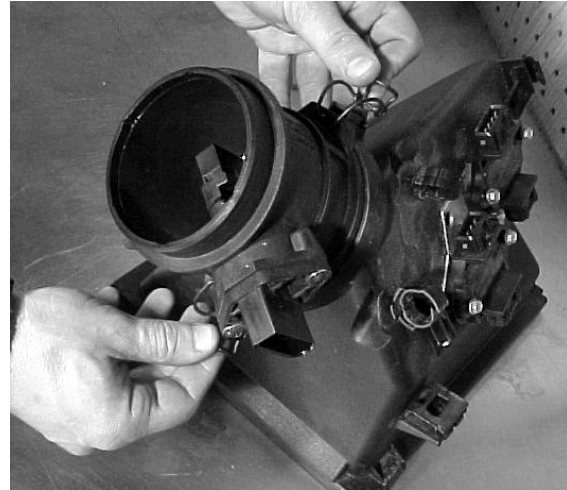
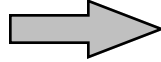
Please note the rubber gaskets fitted within each end of the tube. Make sure these gaskets are properly seated when reinstalling tube.

Step 7: Detach upper half of airbox from lower half by unhooking metal clips. Clips pop outwards with flat head screwdriver. There are 4 clips around perimeter of box. Rehooking the rear clip on engine side of airbox during re-installation is easier done with long screwdriver or prybar.



Step 8: Remove upper half of airbox from vehicle. Make sure that all hoses and wires are clear. Remove panel air filter and discard.

Step 9: Place air box half on flat surface and remove MAF sensor. MAF unclips as shown. Grasp the outlet firmly and wiggle free of air box. Be very careful not to damage any of the internal parts of the sensor.



Step 12: Reinstall MAF and factory o-ring. Seat sensor by wiggling into air box opening. Closing metal clips will pull MAF flush to air box. A little soapy water around the flange of the MAF can help here. Do not use petroleum based lubricants!



Step 11: Insert tube into air box, non-flanged end first. Align tube so that cone filter will have sufficient clearance around it when installed. Make sure S-Flo o-ring around tube remains below flanged lip of tube.

Step 13: Attach ITG air filter to tube with enclosed silicone coupler and hose clamps. Seat filter flush to tube and tighten clamps fully.

Installation of air box is reverse of removal. Slight interference between filter and air box housing is normal.

Enjoy your test drive!

Cleaning and service instructions are included in air filter box.



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Thank you for choosing A.W.E. Tuning as your performance automotive parts supplier. Please remember that a performance car is only as strong as its weakest link. Therefore, it is vital that you maintain your vehicle to factory specifications.

Limited Warranty

The following warranty is valid only in the United States and Canada.

The Manufacturer's full warranty applies to all products sold.

By installing or using the purchased product, the Consumer accepts this warranty.

Secor Ltd. (A.W.E. Tuning) warrants to the original retail purchaser (Consumer) the S-Flo intake for 1 year after the purchase date for Manufacturer's defect.

Upon verification of warranty coverage, A.W.E. Tuning will replace the defective product without charge. This is the only remedy the Consumer has for any loss or damage, however arising, due to nonconformity in or defect of the product. This warranty does not cover consequential damage, loss of time or revenues, inconvenience, loss of use of vehicle, damage to the vehicle or components, or other incidental or indirect damage.

All warranties are void if the product was not installed by a certified auto mechanic, improperly serviced, modified, or used in a way not intended by the Manufacturer.

Please contact us first for any warranty claims or explanations of this document.