

Audi A6 Filter Replacement (4.2L V8)



The Engine Air filter is located on the right side just in front of the firewall.



Remove the 2 screws holding the air intake duct in place using a Phillip screwdriver, and remove the duct assembly (note: the intake duct is a two piece assembly).



Loosen the hose clamp (using flat head screwdriver), and disconnect the 2 clips on the air filter housing to and remove the Mass Airflow Sensor (MAF) assembly in order to have room to maneuver the air filter assembly for removal.



Disconnect clips on each side of air filter housing and pull housing away from air filter base until filter is separated from hole in the base of the filter. Note the bottom row of tabs that are inserted in flanges that hold the bottom of the air filter housing (arrow pointing to one of the flanges in the right side picture). Separate the filter housing from base by lifting housing from tabs.



Remove two screws that hold the air filter to the housing (see arrows in center picture) and pull the filter from the housing. Remove large gasket and discard.



Coat both large and small gasket with light grease (included with replacement air filter). Small gasket should already be on small end of filter that seals the filter to the air filter housing base. The larger gasket is what seals the MAF housing to the Air Filter housing. Reverse this procedure to attach air filter to housing , and to reattach filter assembly to the car.

Notes: While the inspecting and replacing the engine air filter, you can clean the Mass Airflow (MAF) Sensor with MAF cleaner, following the instructions on the can.

If you have trouble reinserting the MAF housing into the air filter housing, spray WD-40 around the end of the MAF housing to ease the MAF housing in to the air filter housing, being careful not to get spray inside MAF assembly.