#TL100195

INSTALLATION MANUAL

CI100060

APR B9 SQ5 Intake

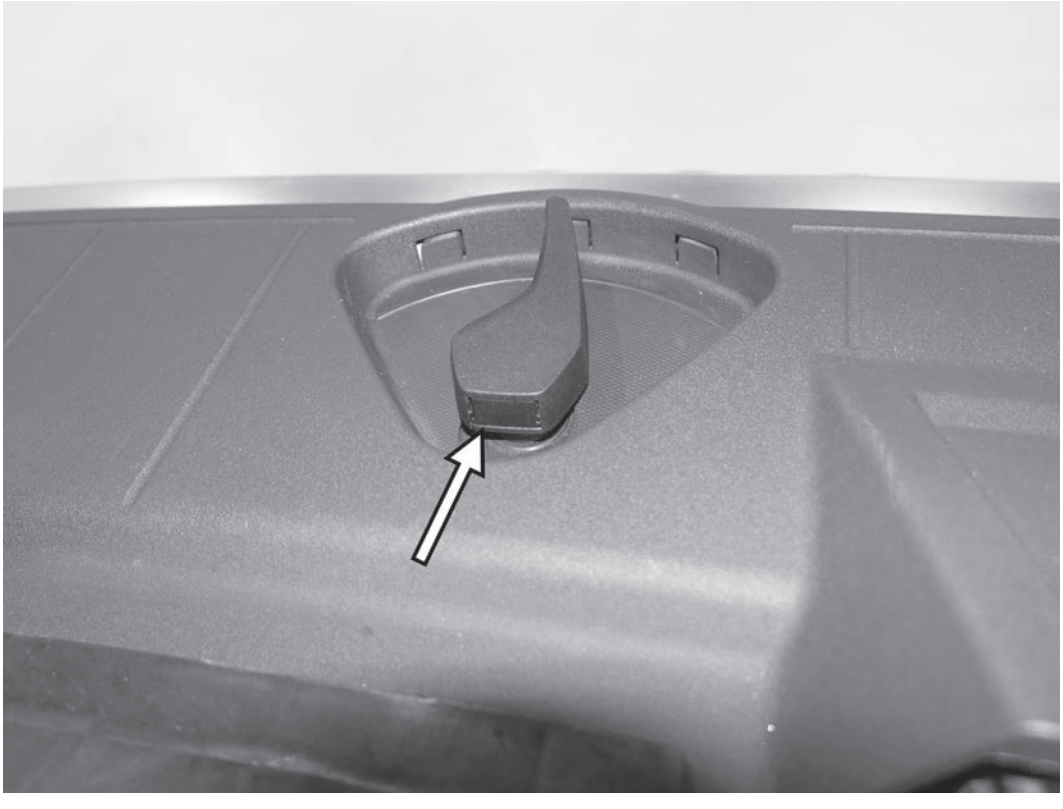
APR

Notes:

These instructions were written for a North American specification Audi SQ5, but other models are similar.

When disassembling the car, be sure to keep all fasteners so they can be reused. It is recommended that you get some kind of compartmented tray to organize the fasteners, such as a fishing tackle box or several large ice cube trays. Fasteners that are not reused for reinstallation are noted in the instructions. All directions used in this manual (right, left, front, etc.) are based on if you were sitting in the drivers seat of the car.

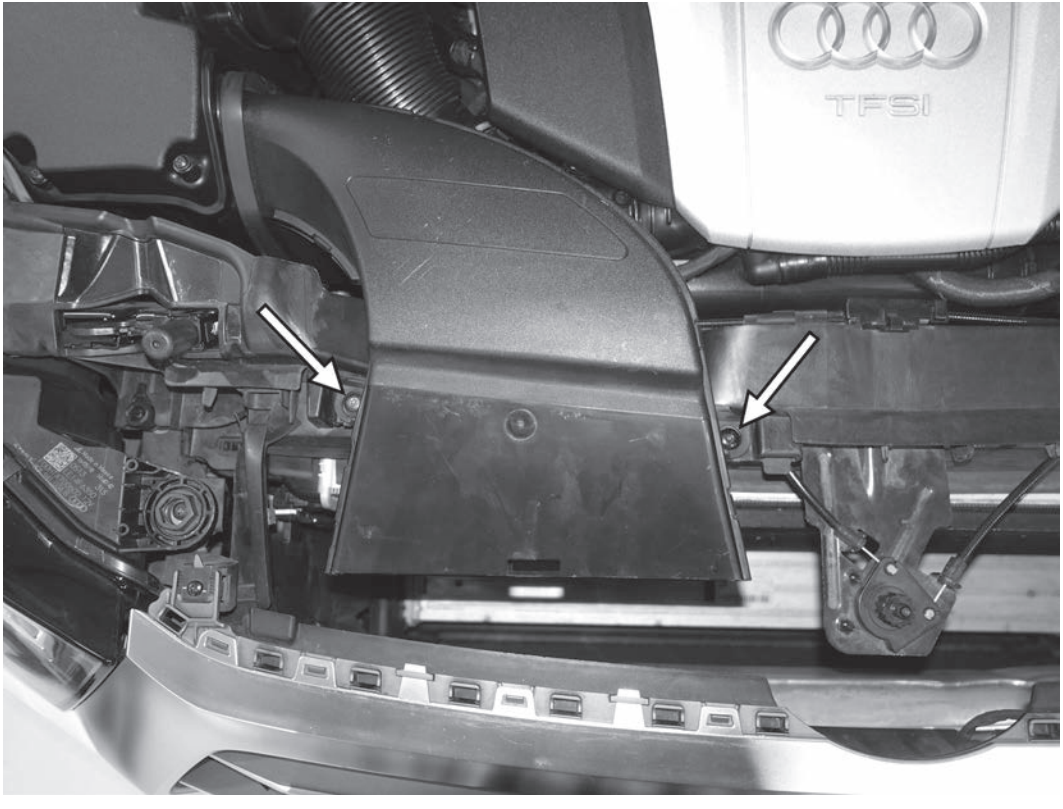
These instructions assume that you have basic mechanical skills and several varieties of basic hand tools in order to install the kit. If you have any questions about the install, feel free to contact your APR representative.



1) Raise the hood of the car. Press the button located on the back of the hood release lever, and then lift the hood release lever up to remove it from the car. Do NOT close the hood of the car until this is reinstalled, or you will not be able to open the hood.

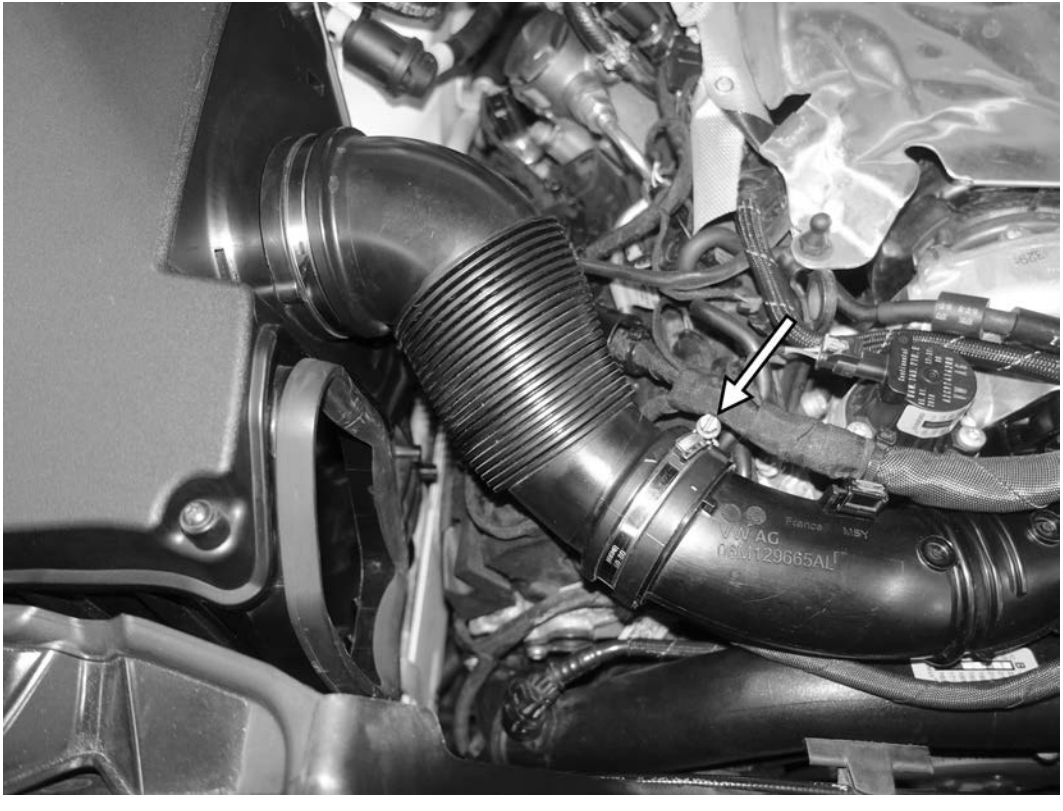
2) Carefully lift up on the leading edge of the cover that connects the front bumper cover to the radiator support. Note how the cover interacts with the radiator core support. After separating the front of the cover, pull the cover forward and remove it from the car.

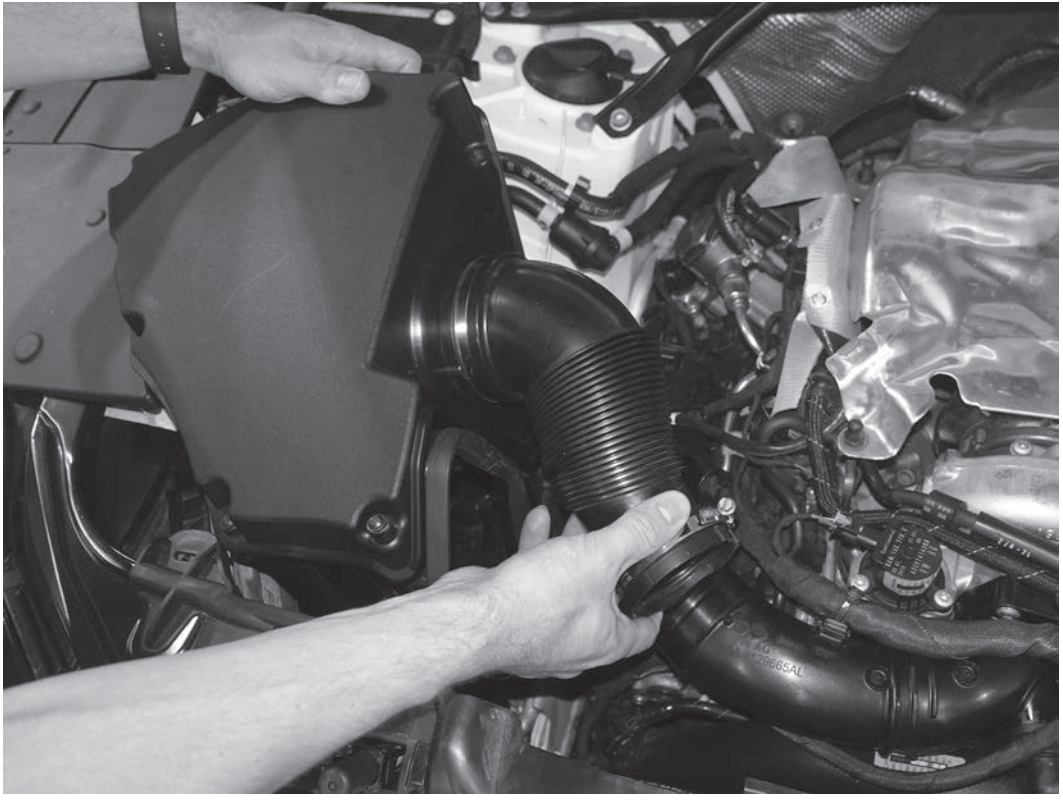




3) Remove the two T25 screws holding the air intake scoop to the top of the radiator core support. Pull the scoop away and out of the airbox, and remove the scoop from the car.

4) Remove the engine cover by lifting up on all four corners and removing it from the car. Loosen the screw and separate the connection between the stock accordian tube to the stock turbo inlet pipe.

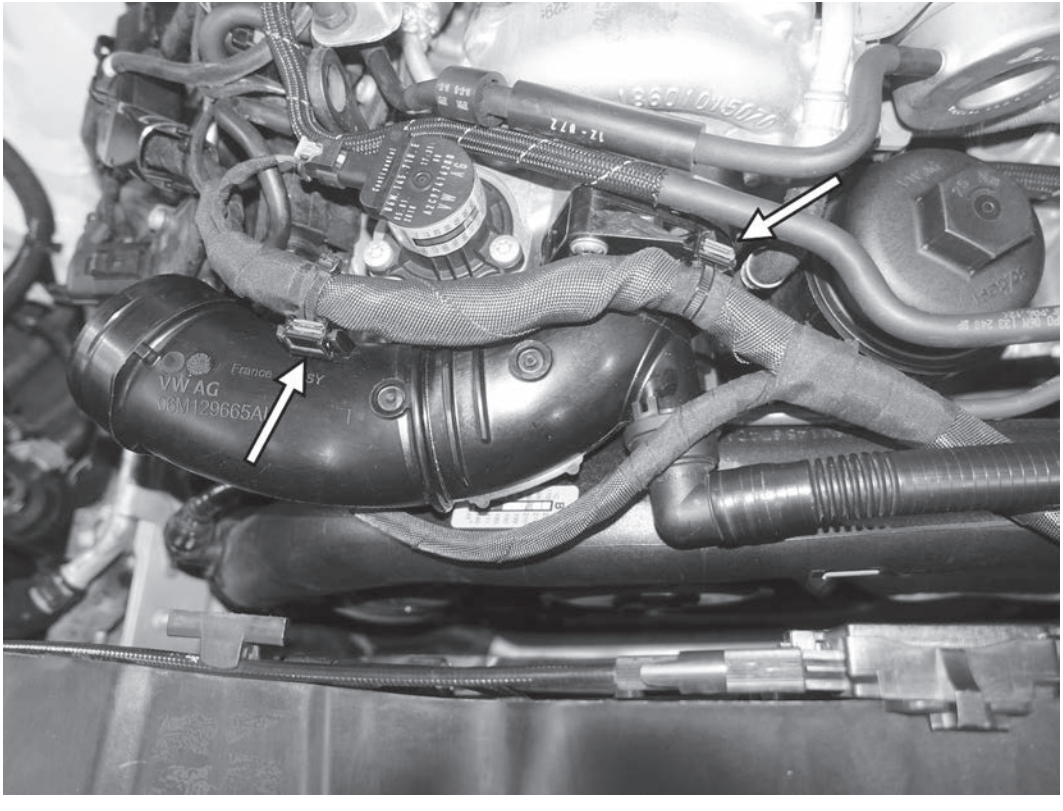




5) Pull the accordian tube off the turbo inlet pipe while lifting up on the entire airbox assembly to remove the airbox from the car.

6) Remove the rubber grommets that connected the mounting posts from the bottom of the factory airbox to the chassis of the car. These grommets may still be attached to the bottom of the factory airbox.

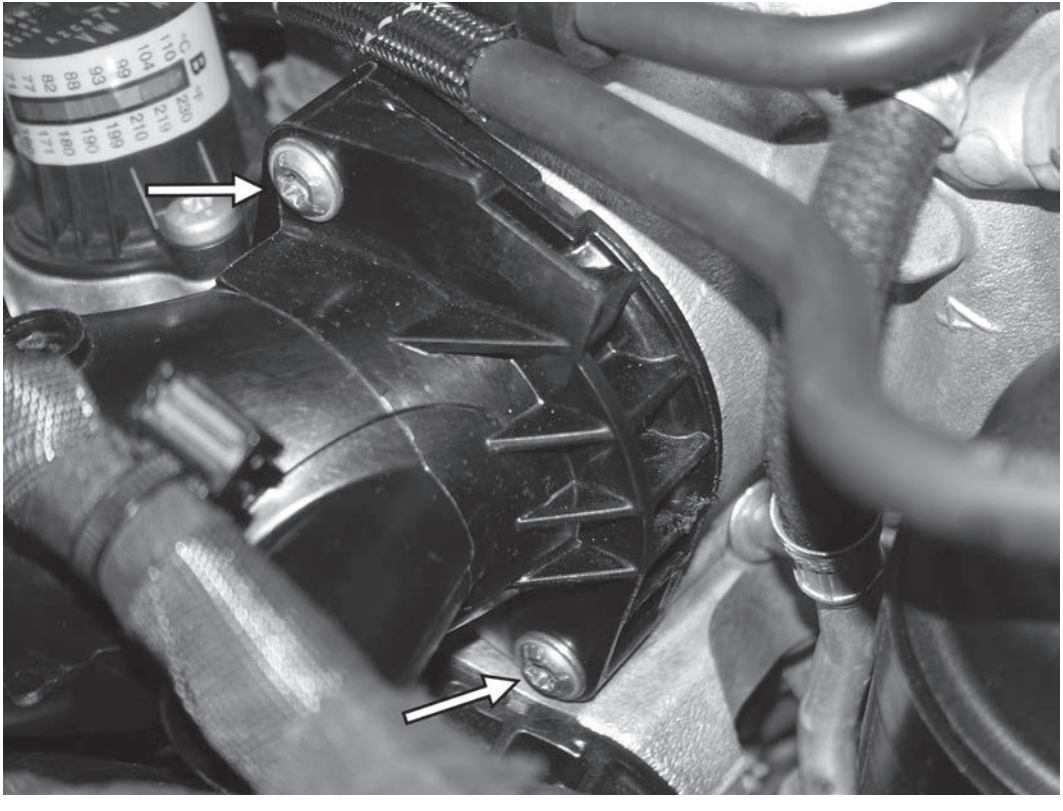




7) Unclip the factory wiring harness from the top of the stock turbo inlet pipe.

8) Separate the PCV hose from the stock turbo inlet pipe. It is sometimes easier to use a small screwdriver or 90° pick to work around the connection to separate the hose from the pipe.

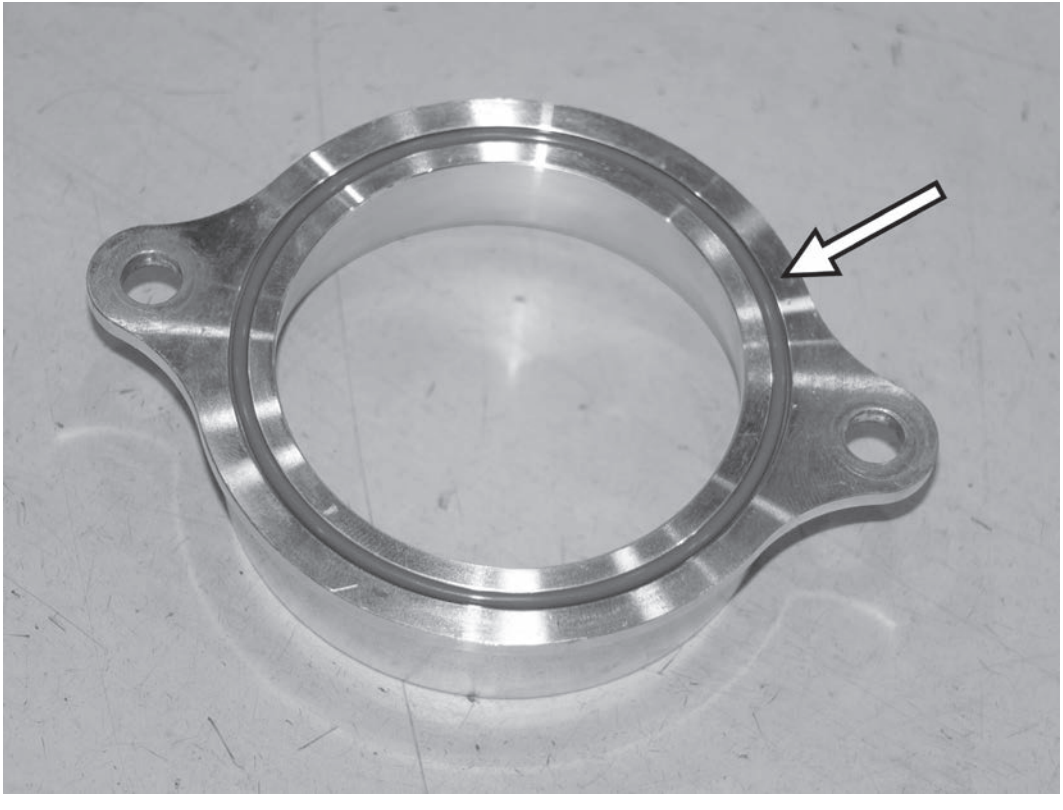




9) Unscrew the two T30 screws holding the turbo inlet pipe to the turbocharger. A lower profile tool or wobble style socket (a socket with a universal joint) is useful for taking off the lower screw.

10) Slightly lift up on the turbo inlet pipe, and then disconnect the lower PCV fitting from underneath. Simply squeeze the two sides of the fitting to release it.

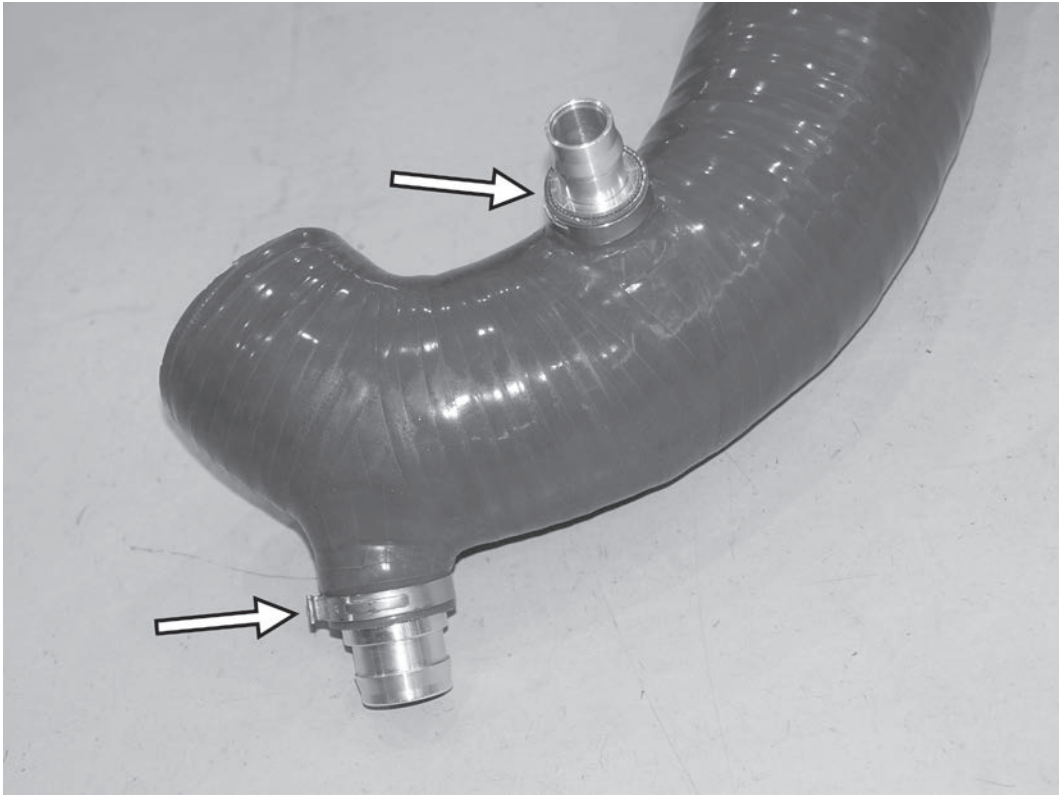




11) Install the supplied gasket into the groove on the back side of the APR turbo inlet adapter.

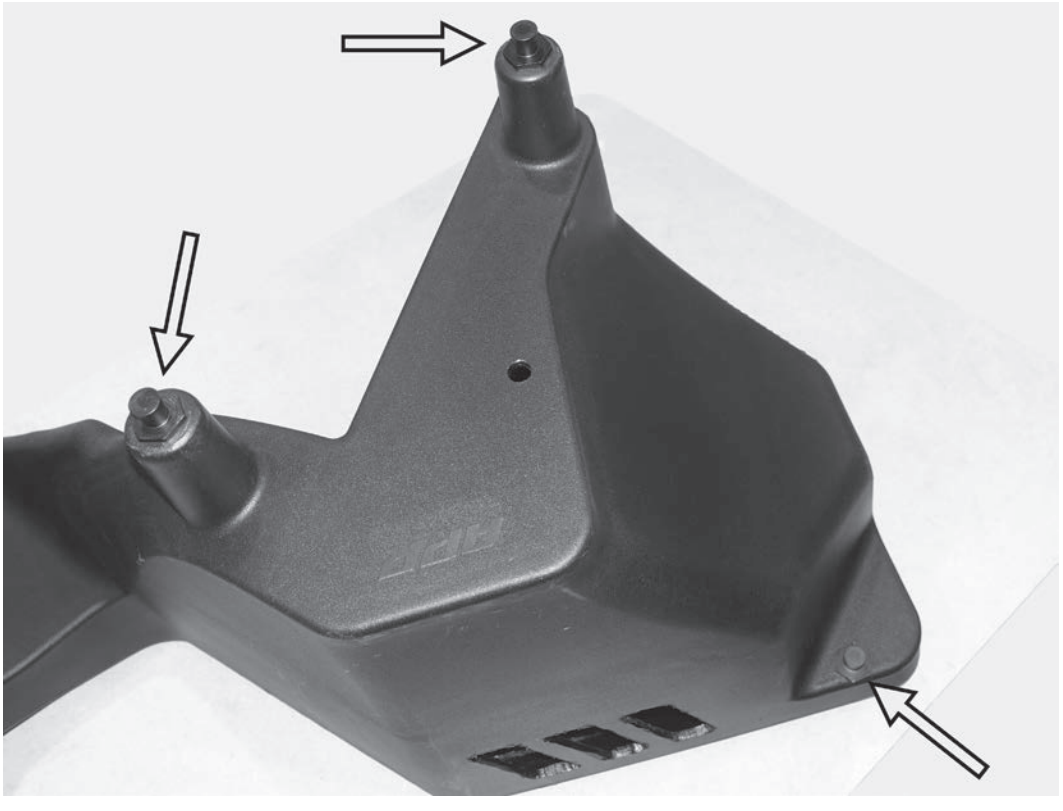
12) Install the APR turbo inlet adapter with the two supplied T30 flanged screws. Tighten the screws to 9Nm (81 in-lbs).





13) Install the two barbed fittings into the APR turbo inlet hose and secure with the supplied crimp clamps.

14) Thread the three billet airbox mounting adapters into the bottom of the APR airbox. Tighten with a 19mm socket to 2.5Nm (22 in-lbs).

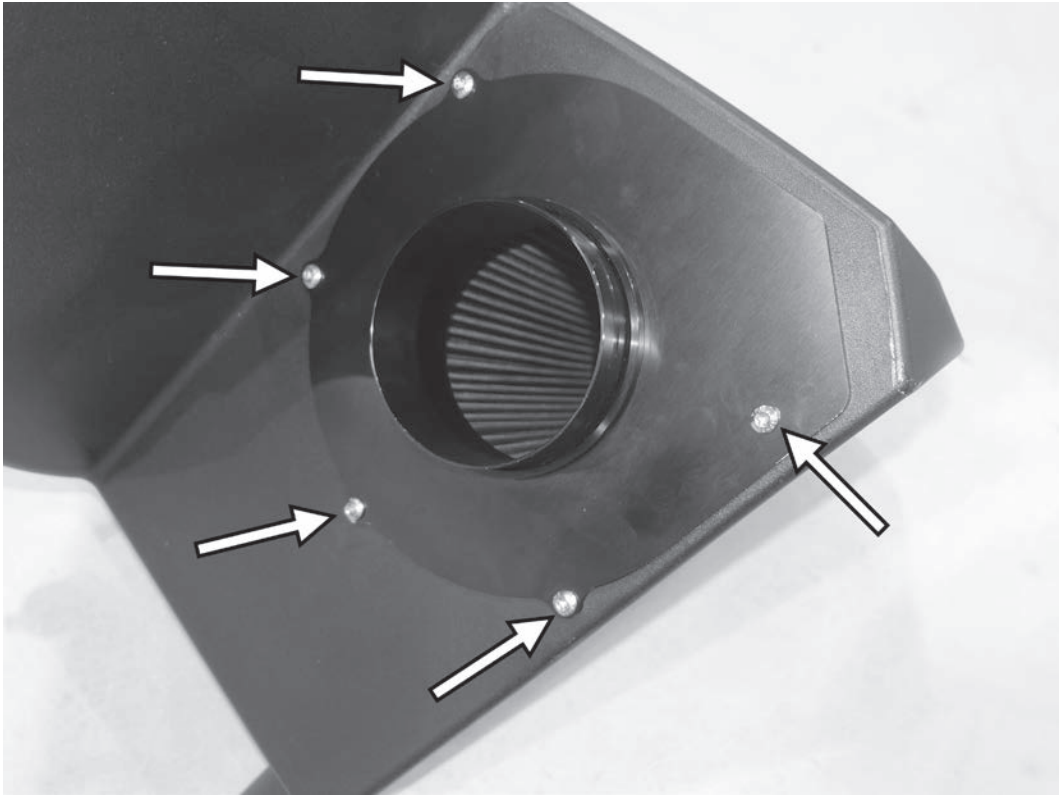




15) Unscrew the threaded locking ring from the APR air filter adapter. Install the APR air filter adapter into the air filter. The orientation does not matter, but the filter will push on until it bottoms out on the flange of the adapter. Tighten the clamp to 3.5Nm (31 in-lbs).

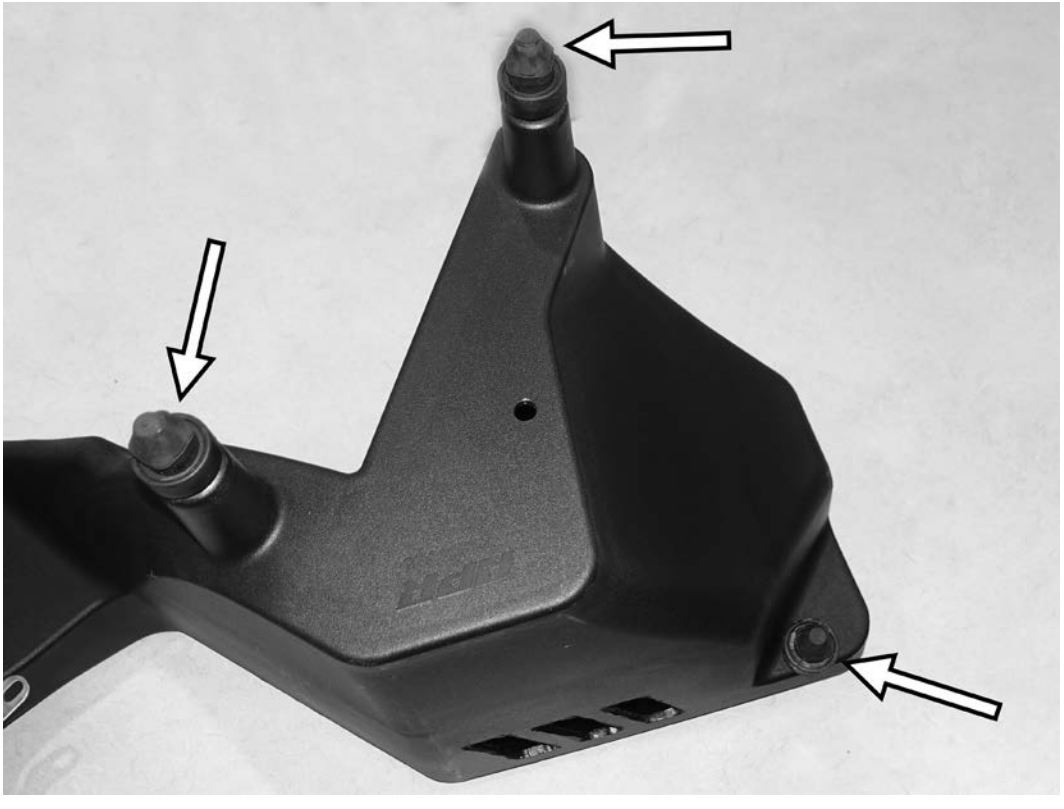
16) Install the air filter adapter plate onto the air filter adapter as shown. Install and hand tighten the threaded locking ring to secure the plate to the filter adapter.

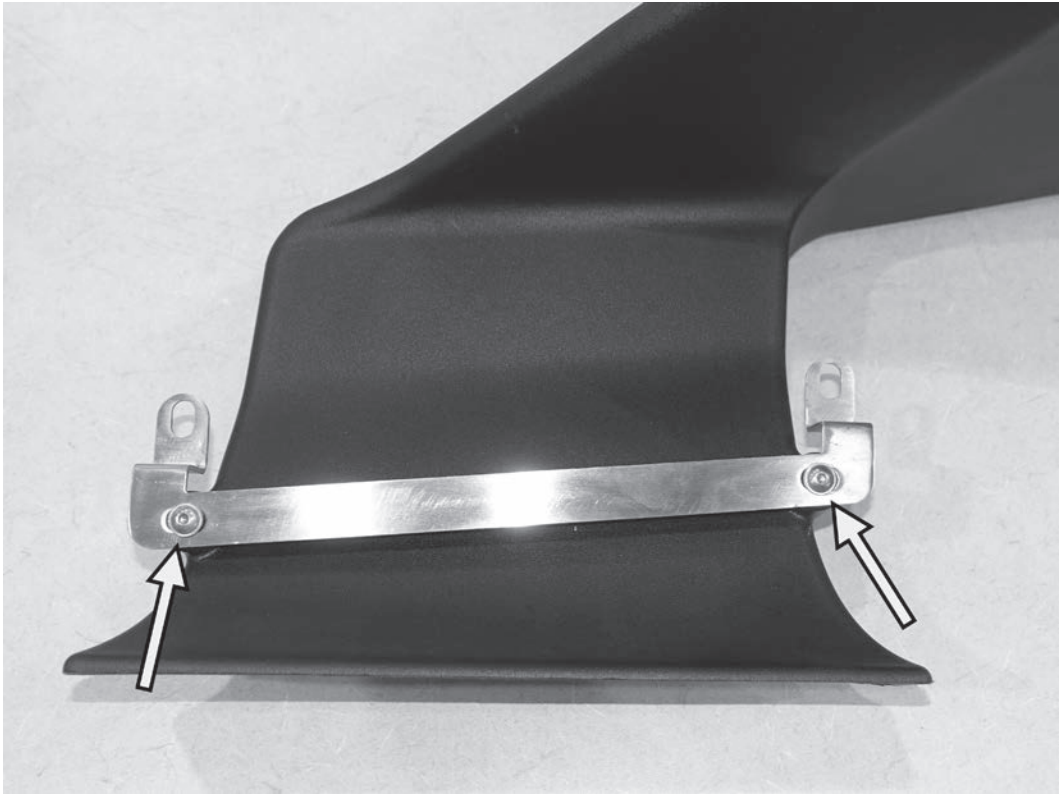




17) Install the filter with filter adapter and plate into the APR airbox. Secure the filter by installing the five T25 screws into the adapter plate to the threaded holes on the APR airbox. Tighten the screws to 2.5Nm (22 in-lbs).

18) Install the three rubber grommets that mounted the stock airbox onto the three mounting adapters previously installed on the APR airbox.

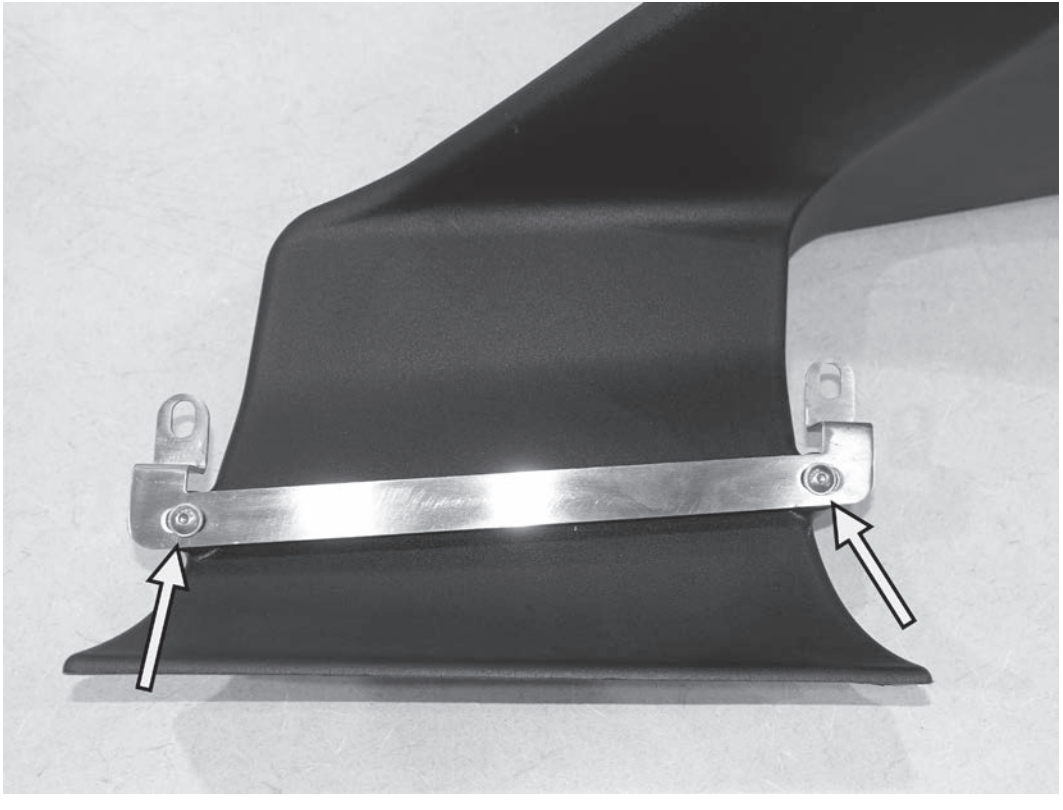




19) Loosely install the bracket on the bottom of the APR airbox as shown with a 4mm allen.

20) Place the APR airbox into the car, pushing the airbox in place on the three rubber mounting grommets. Adjust the mounting bracket on the inlet of the airbox until it aligns with the screw holes on the top of the radiator core support.

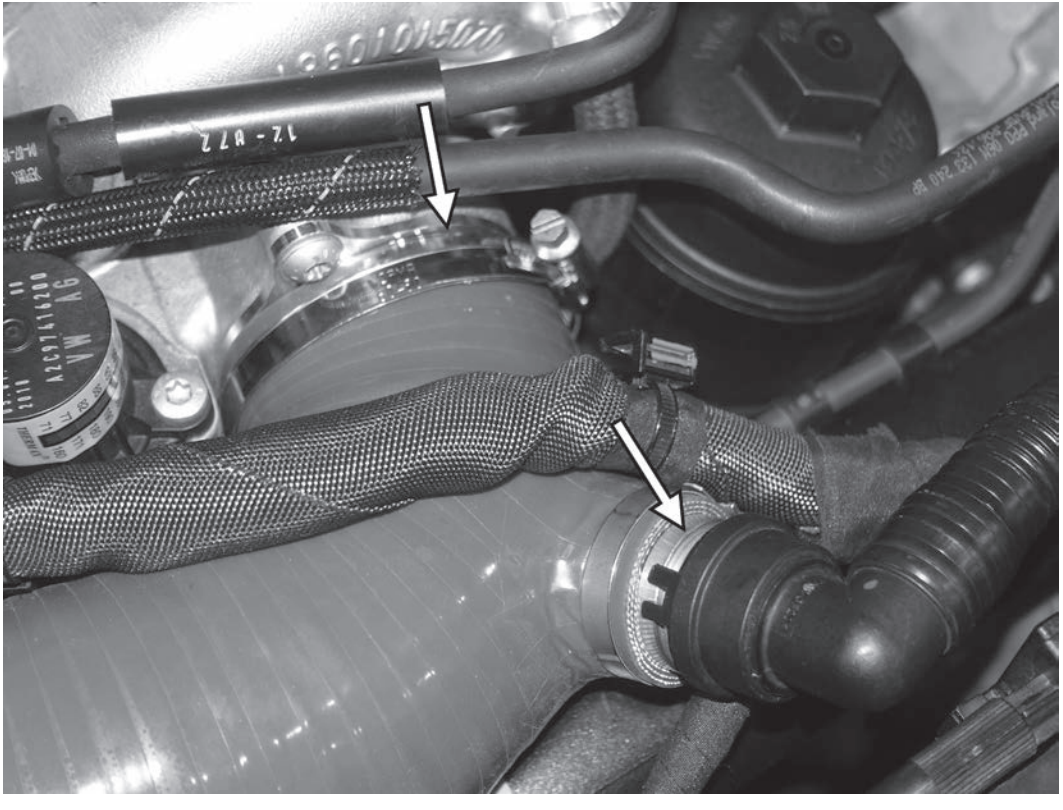




21) Remove the APR airbox from the car again, and then tighten the two 4mm allen screws on the mounting bracket to 2.5Nm (22 in-lbs). Make sure the three rubber grommets are still attached to the bottom of the APR airbox.

22) Place the APR turbo inlet hose assembly near the engine. Connect the lower PCV fitting that was connected to the bottom of the stock turbo inlet pipe onto the small fitting on the bottom of the APR turbo inlet hose.

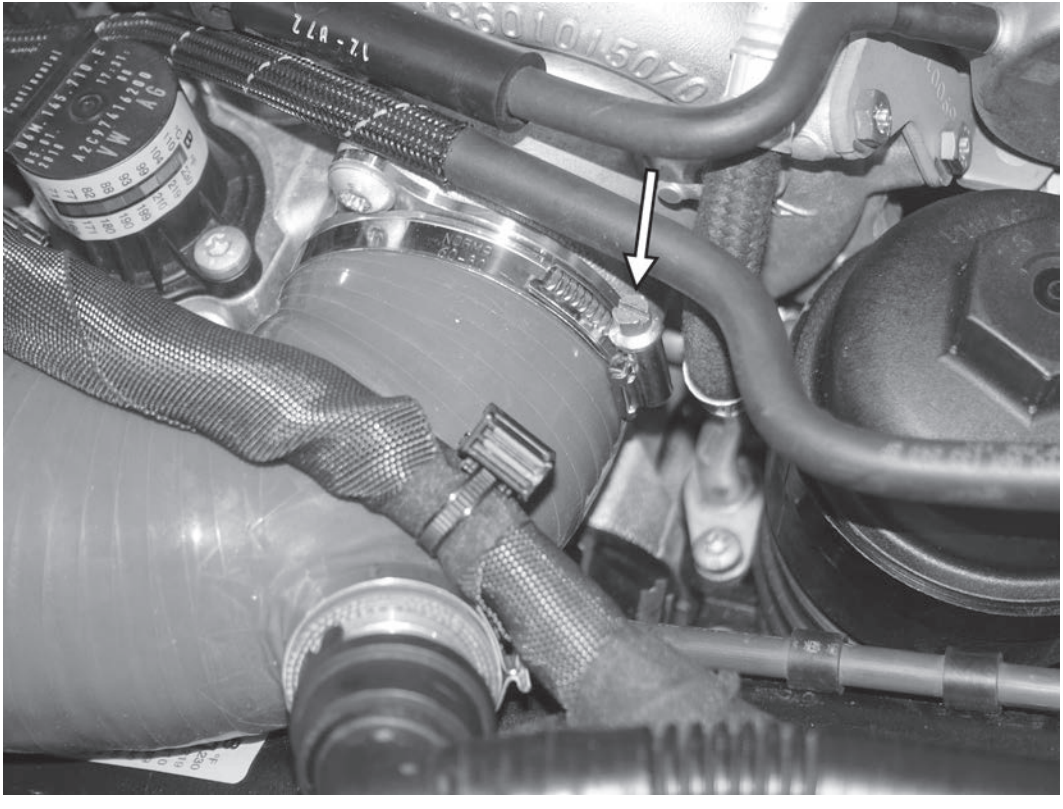




23) Loosely connect the outlet of the APR turbo inlet hose onto the APR turbo inlet adapter with the supplied clamp. Note how the wiring harness is routed now, with the turbo inlet hose going over and through one side of the harness. Connect the PCV hose onto the bigger fitting on the APR turbo inlet hose by pushing it on until it clicks in place.

24) Place the APR airbox assembly back in the car, firmly seating the airbox on the three rubber mounting posts. Adjust the APR turbo inlet hose on both the outlet of the air filter and on the turbo inlet adapter. Tighten the turbo inlet hose on the airbox to 3.5Nm (31 in-lbs).

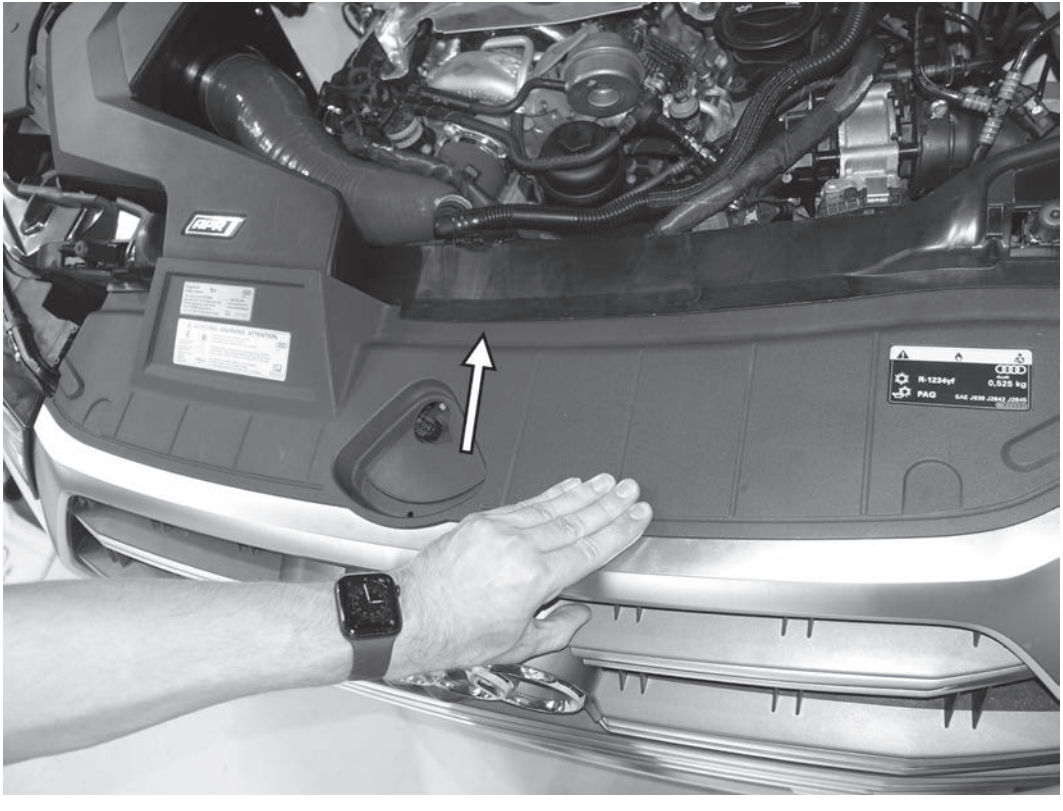




25) Adjust the clamp on the turbo inlet adapter, and then tighten the clamp to 2.5Nm (22 in-lbs).

26) Reinstall the two original T25 screws connecting the front of the APR airbox to the top of the radiator core support. Tighten the screws to 3.5Nm (31 in-lbs).





27) Reinstall the cover that connects the front bumper cover to the radiator support. As noted when removing, the back side of the cover slides under the lip on the radiator core support first, and then the front side of the cover snaps in place.

28) Reinstall the hood latch onto its mounting post. The latch is keyed, so it can only be installed one way. Push the latch down until it clips into place. Reinstall the engine cover onto its four mounting posts.



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