

#TL100194

INSTALLATION MANUAL

CI100077

APR MQB Intake, EA888.3, V3

APR



Notes:

These instructions were written for a North American specification Mk7 Golf R, but other models like the Audi A3/S3 and VW Mk7 GTI/GLI 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.



WWW.GOAPR.COM

4800 US HWY 280 West Opelika Alabama 36801

TL100194



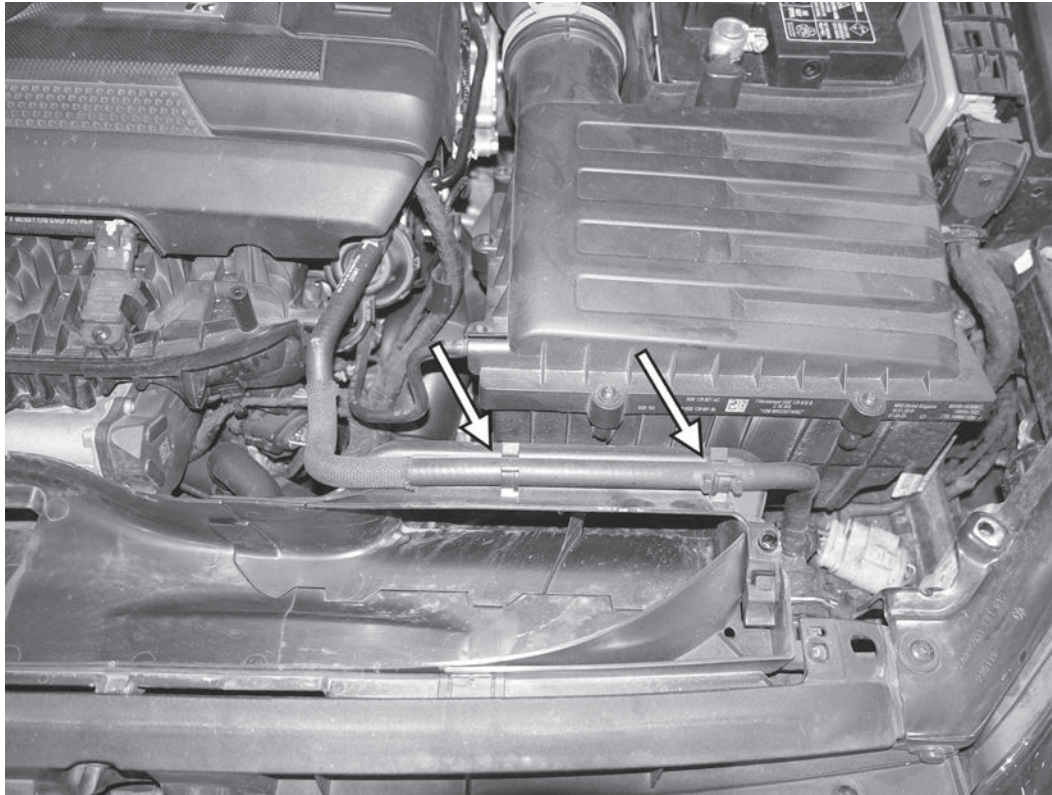
1) Raise the hood and remove the two T25 screws holding the top cover of the front air scoop in place. Also remove the two T25 screws holding the front air scoop to the radiator core support.

APR

2) Lift up on the clip on the back of the front air scoop top cover and remove it from the car.



TL100194

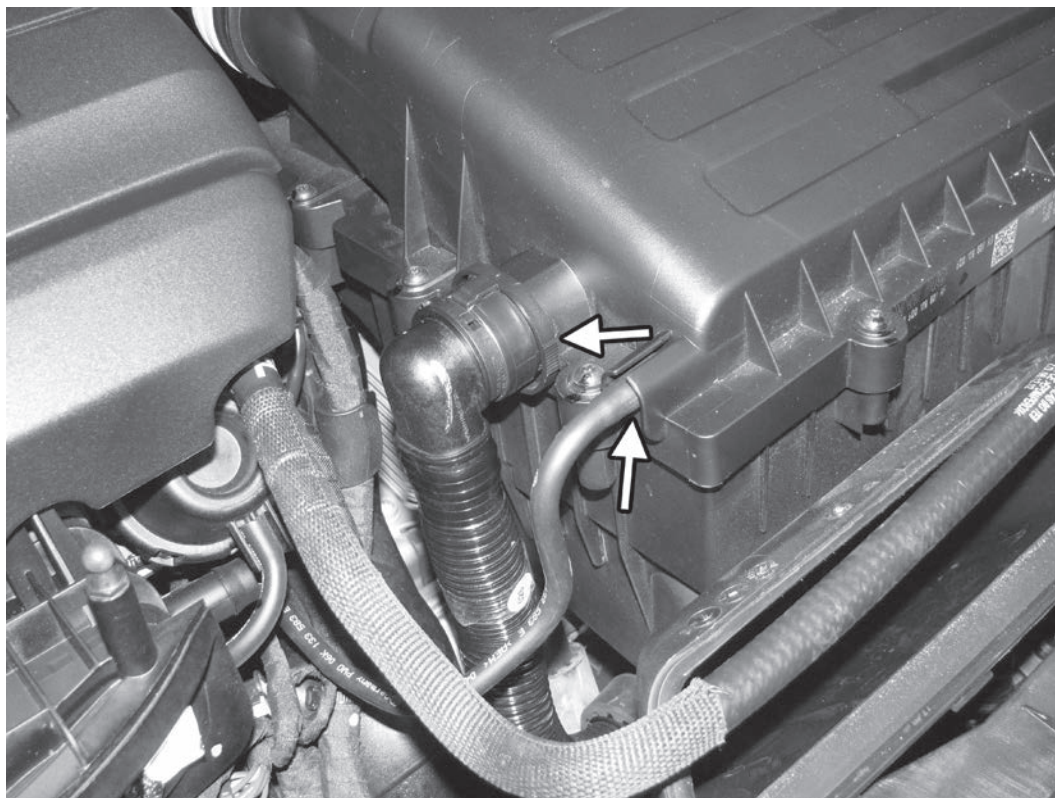


3) Unclip the coolant hose from the two mounting tabs on the front air scoop.

4) Press down on the tabs on both sides of the front air scoop, and then remove the front air scoop from the car.



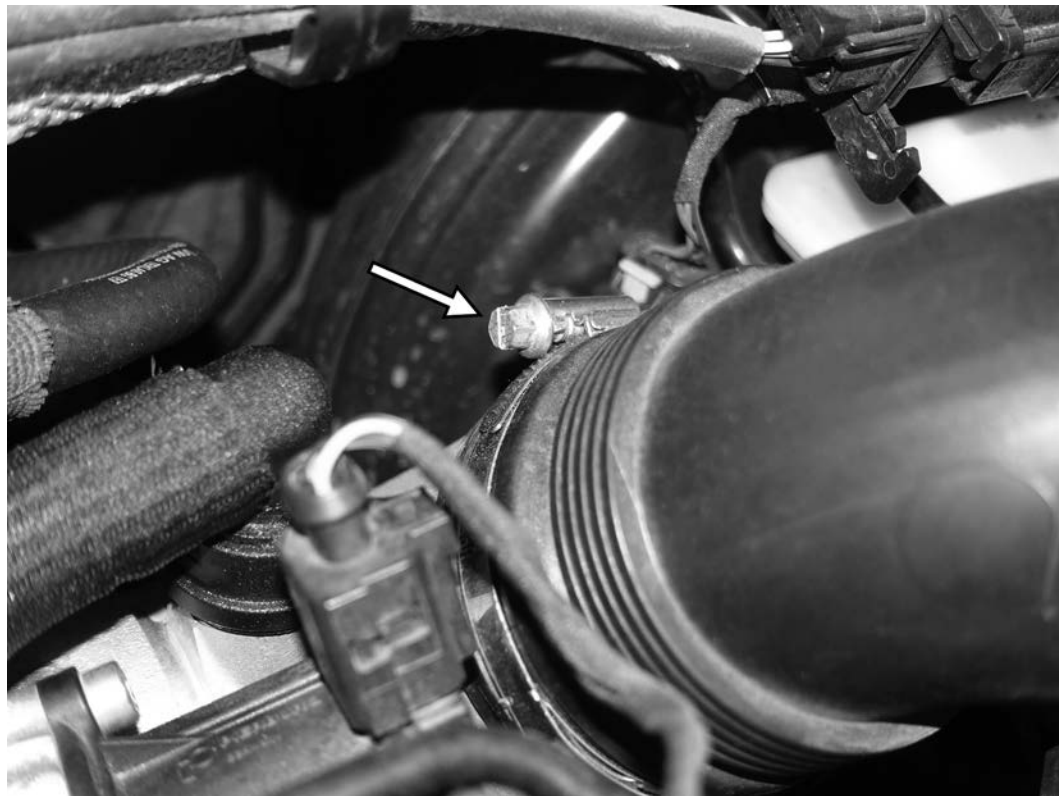
TL100194

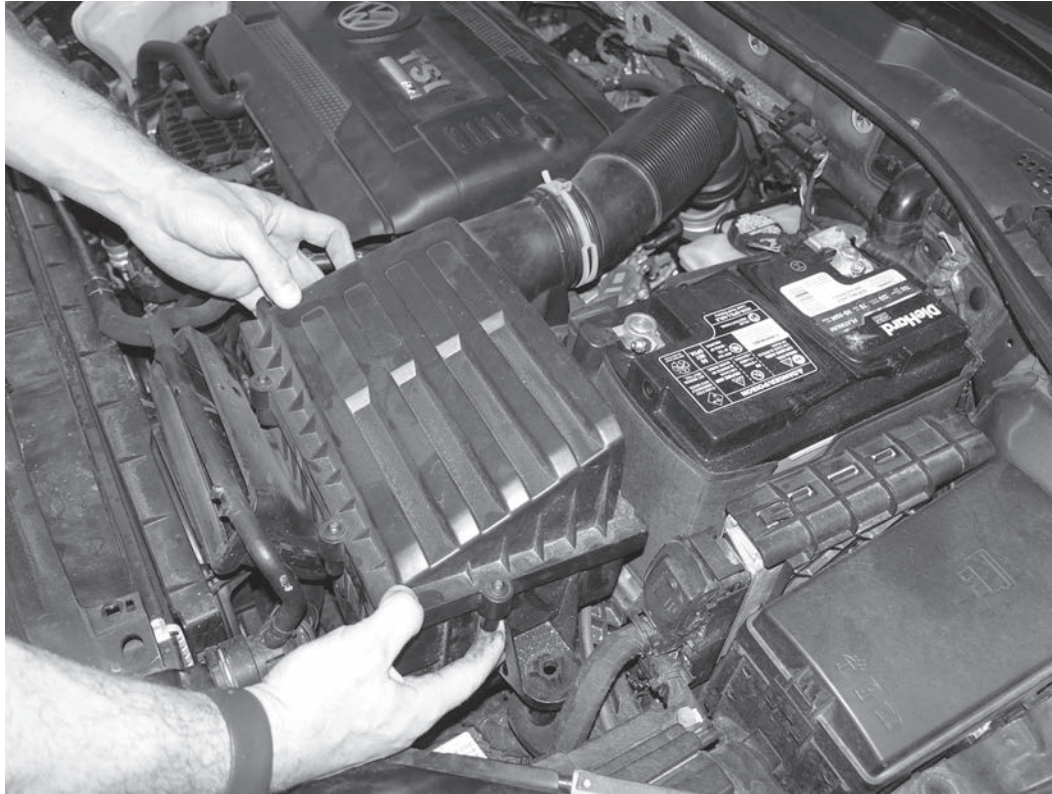


5) Remove the vacuum line from the front right corner of the factory airbox by pulling it off. Then, if equipped, remove the connection to the secondary air pipe by pressing down on both sides of the fitting and pulling away from the airbox.

APR

6) Loosen the clamp the airbox inlet pipe from the turbo inlet pipe, and separate the airbox inlet pipe from the turbo inlet.

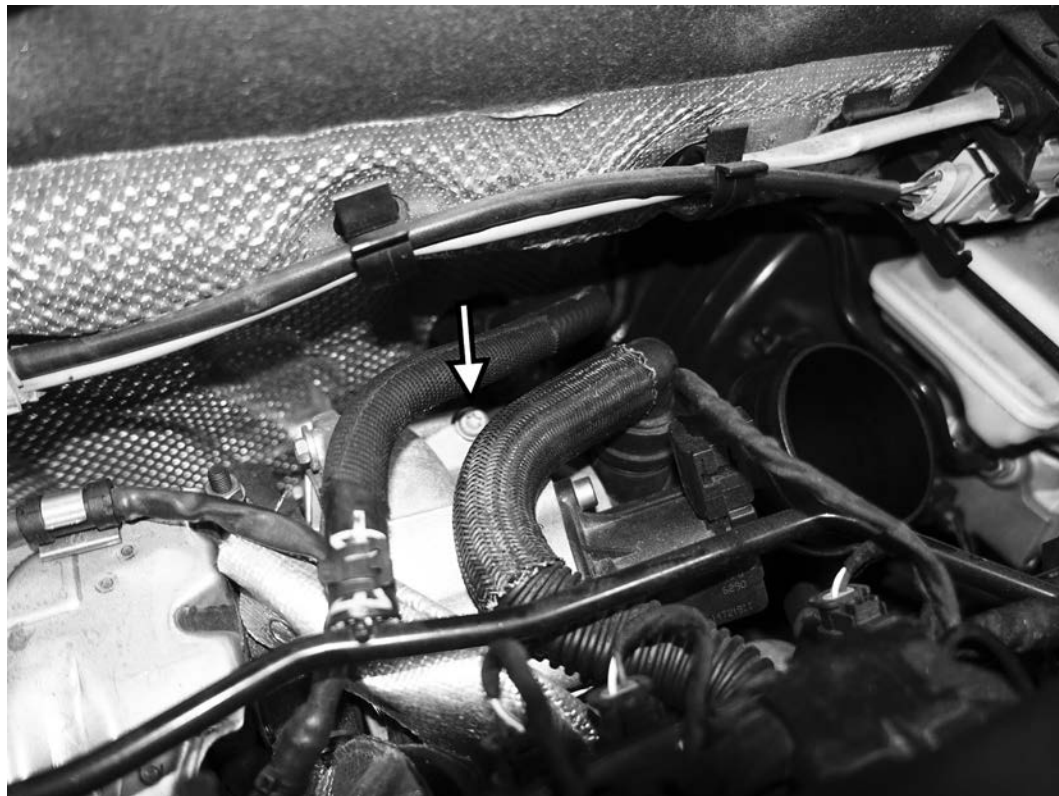




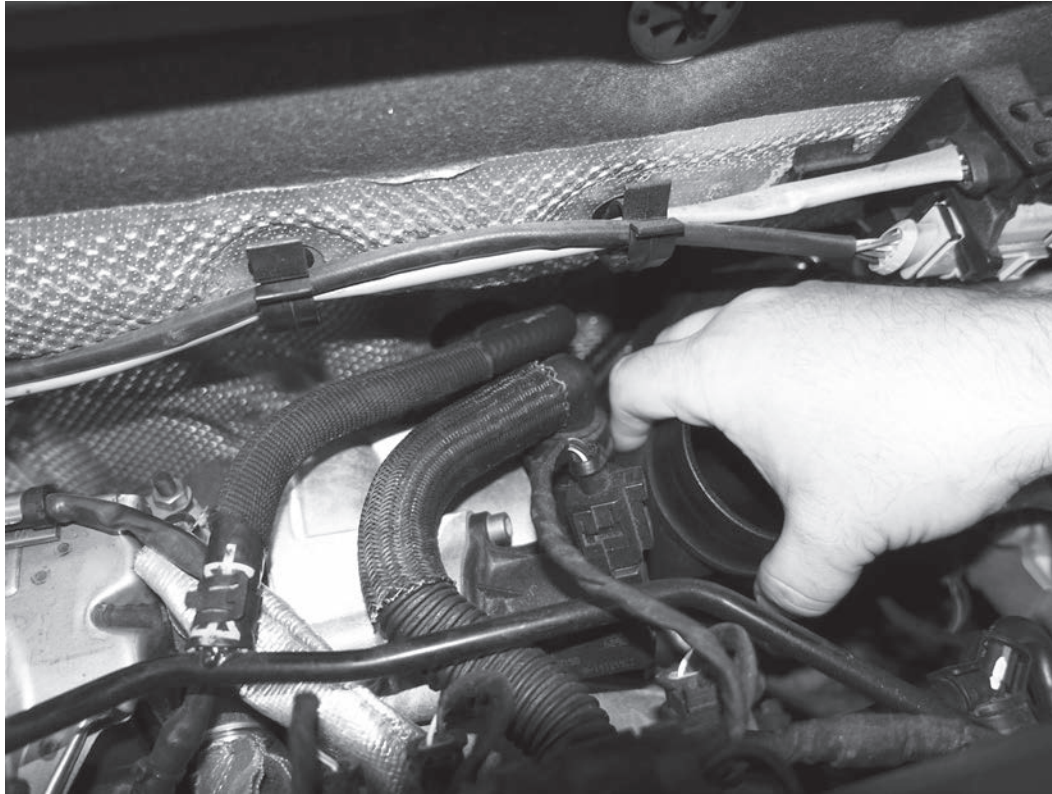
7) Place both hands under either side of the airbox. Lift straight up on the airbox assembly, pulling the airbox off the three rubber mounting grommets underneath. Remove the airbox with the airbox inlet pipe attached.

APR

8) Fully loosen the captive T30 screw on the back of the turbo by the compressor inlet pipe. The screw will stay attached to the turbo.



TL100194



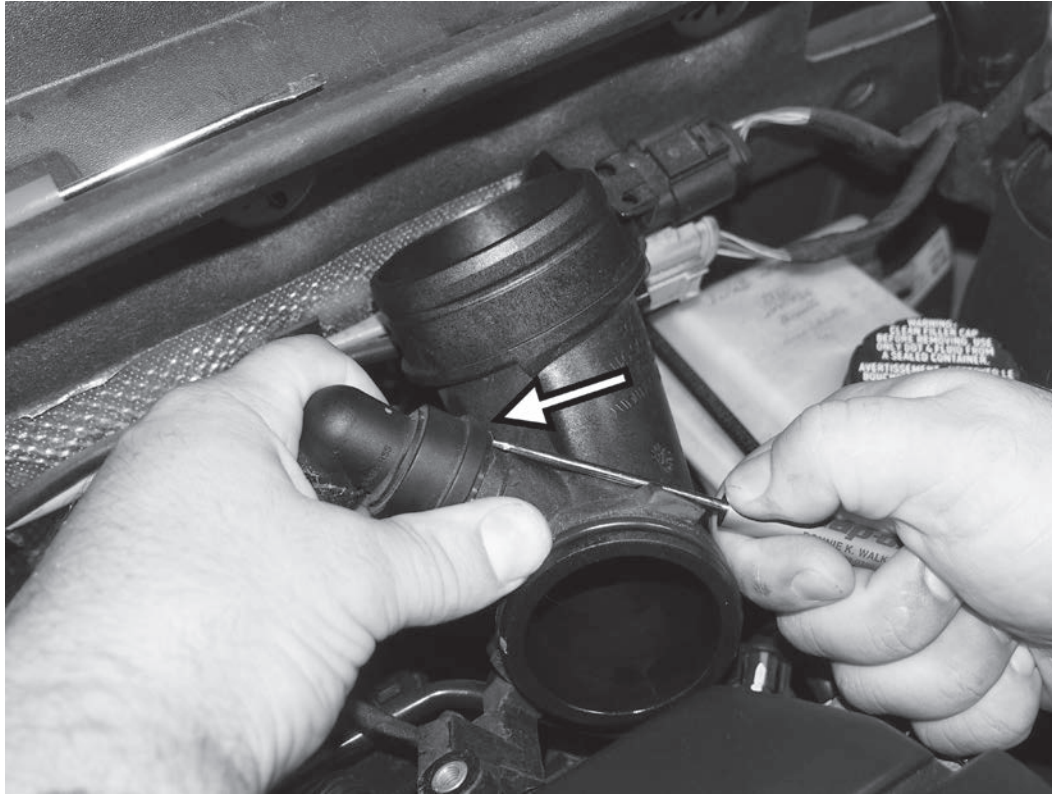
9) Rotate the top of the stock compressor inlet towards the engine firewall, or clockwise if you look at the inlet of the turbocharger. Once rotated $\sim 20^\circ$, the stock compressor inlet can be pulled away from the turbocharger.

APR

10) Lift the compressor inlet hose up with the PCV hose attached to make it easier to disconnect the PCV connector.

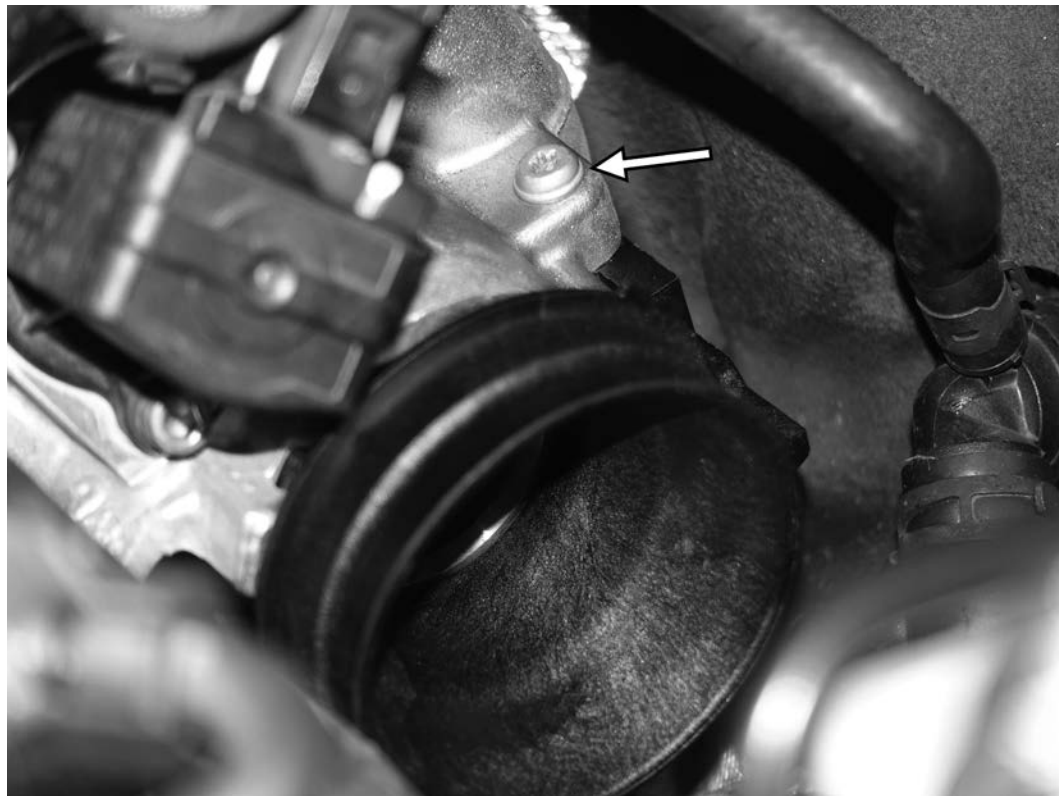


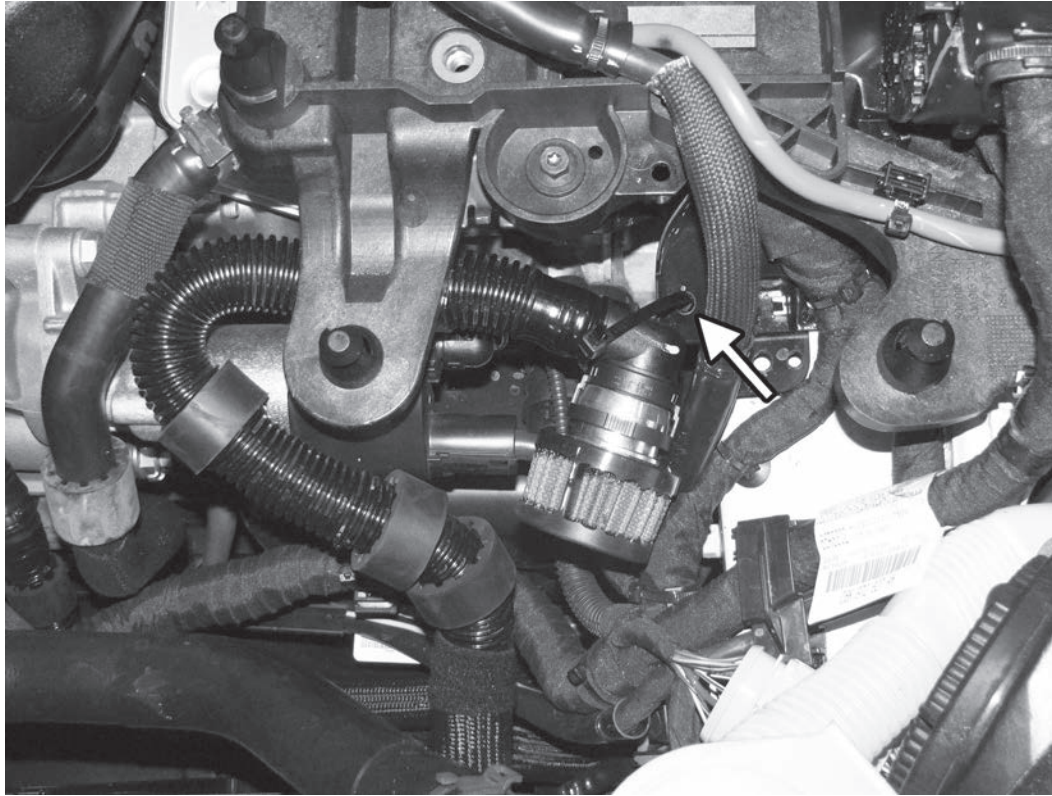
TL100194



11) Using small screwdrivers, work around the base of the PCV connector to disconnect it from the compressor inlet hose.

12) Lubricate and install the supplied o-ring on the APR turbo inlet pipe. Place the APR turbo inlet into the compressor inlet, rotated about 20° clockwise from where the screw will be installed. Push the inlet all the way in, and then rotate it back 20° counter-clockwise, and then secure it with the original T30 screw. Tighten the screw to 9Nm (81 in-lbs).



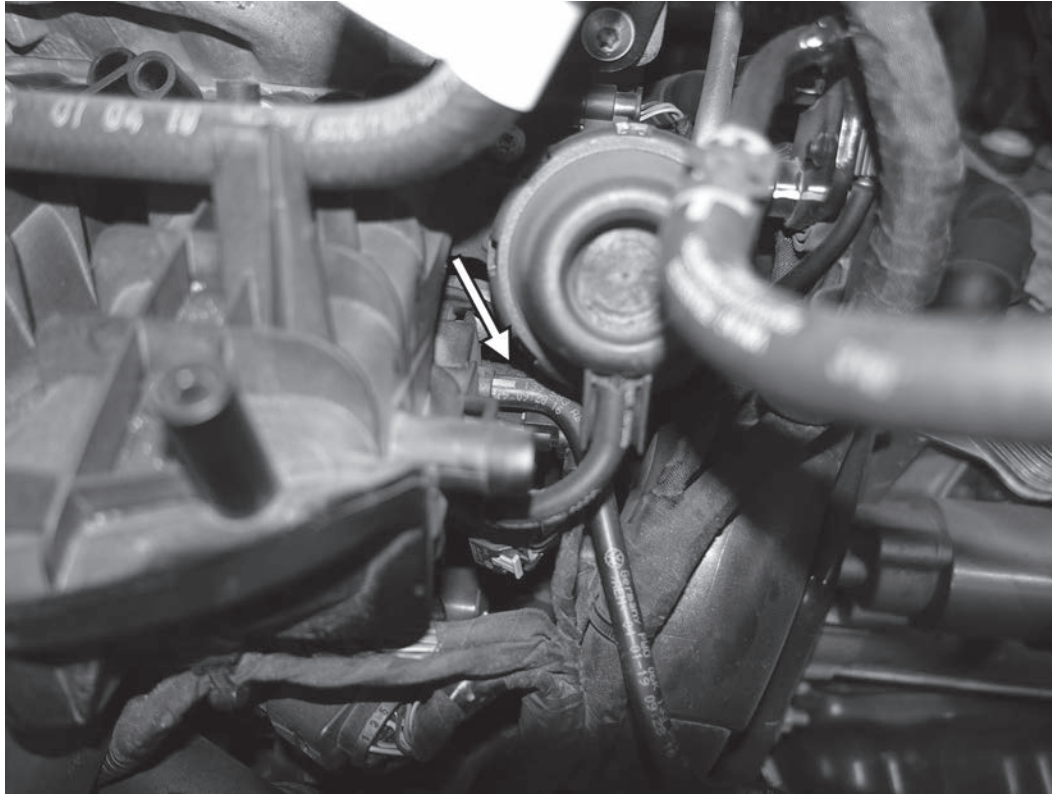


13) Snap the secondary air filter (not supplied) into the factory fitting on the secondary air pipe. Bend the pipe down to tuck it out of the way and secure it with a cable tie.

14) Adjust the three factory rubber bumpers on the secondary air pipe to keep the pipe from rubbing on the engine starter.



TL100194

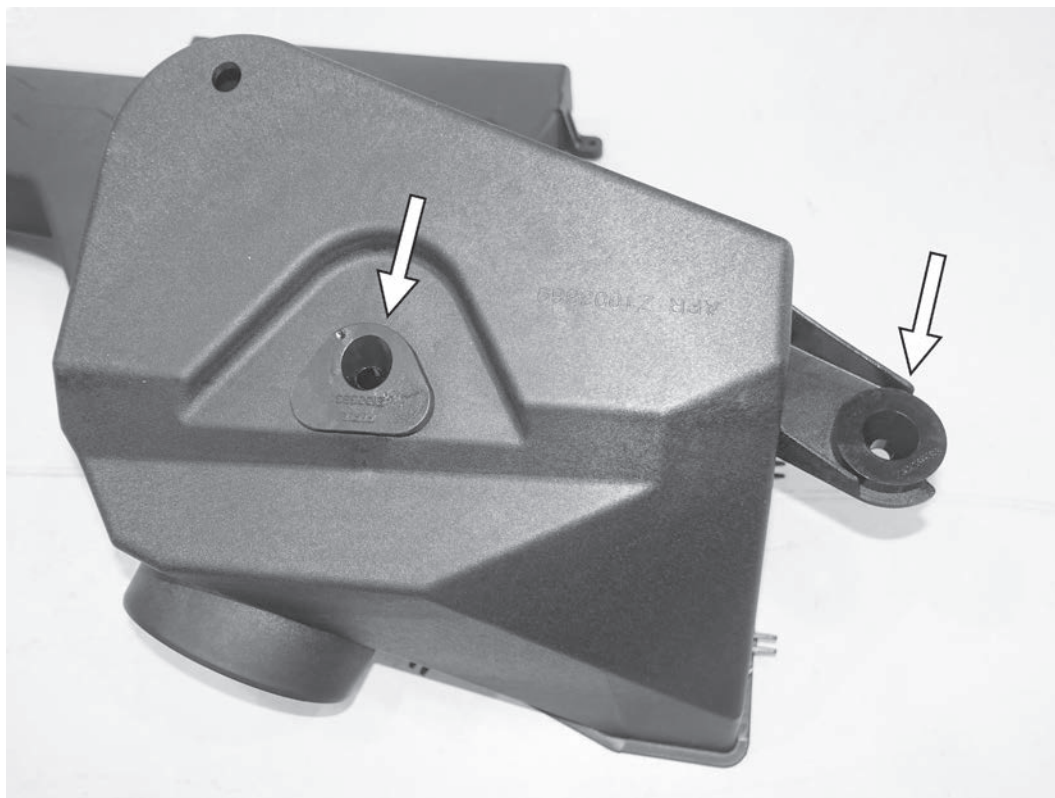


15) Follow the vacuum line that was connected to the side of the factory airbox to the point that it was connected to the intake manifold. Carefully remove the vacuum line from the intake manifold, taking care not to break the fitting on the manifold.

16) Install the straight end of the APR supplied vacuum onto the port on the intake manifold that the factory vacuum line was on.



TL100194



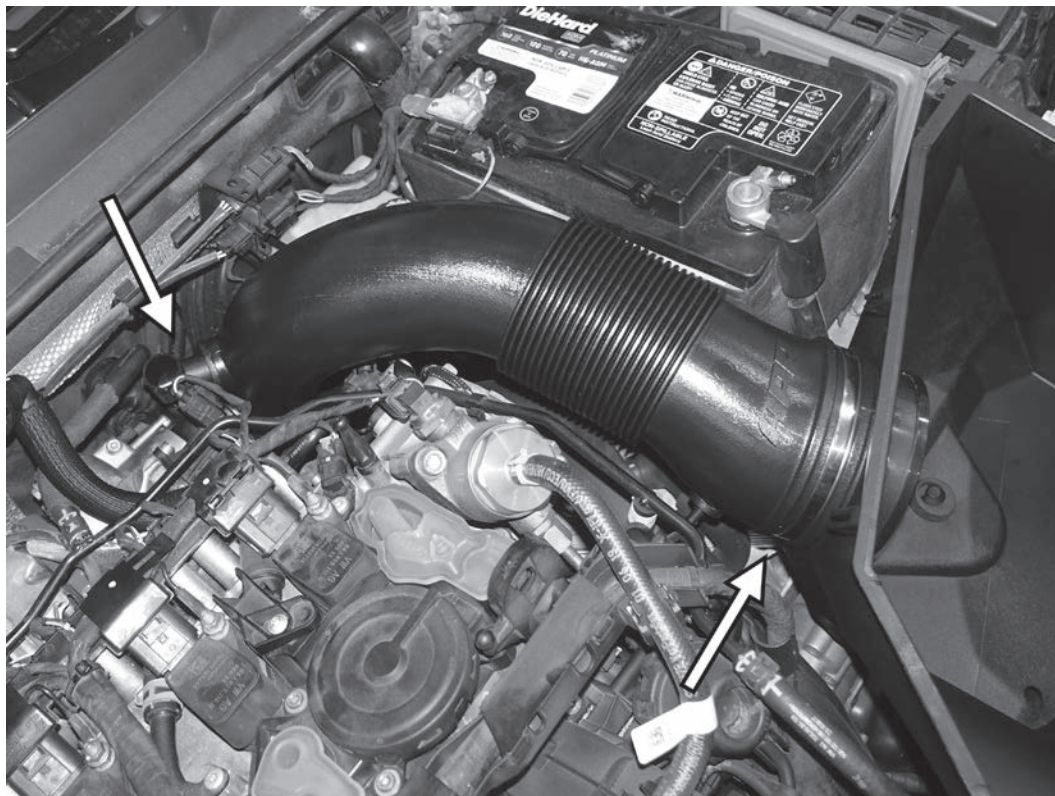
17) Install the two supplied grommets into the APR airbox base. The triangular grommet is directional, and needs to fit into the airbox as shown.

APR

18) Place the APR airbox base in the car, pushing the installed grommets onto the factory airbox mounting posts. The coolant line will sit underneath the APR airbox, or you can install the APR coolant hose relocation kit. Make sure the sides of the APR airbox base aligns with the mounting tabs the factory airbox inlet base connected to the radiator core support. Ensure the APR airbox base is fully seated on the factory airbox mounting posts.



TL100194



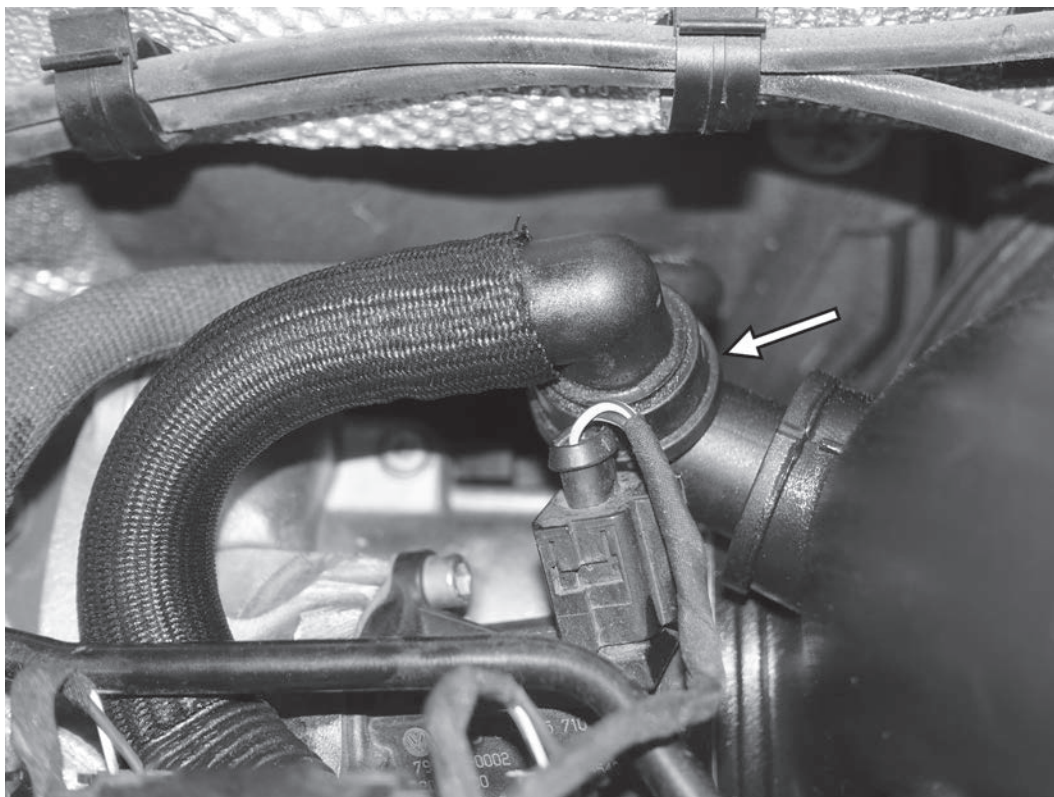
19) Place the APR turbo inlet hose onto the car, connecting it to the back of the airbox and to the previously installed APR turbo inlet.

APR

20) Secure the clamps on both ends of the APR turbo inlet hose to 6Nm (53in-lbs).



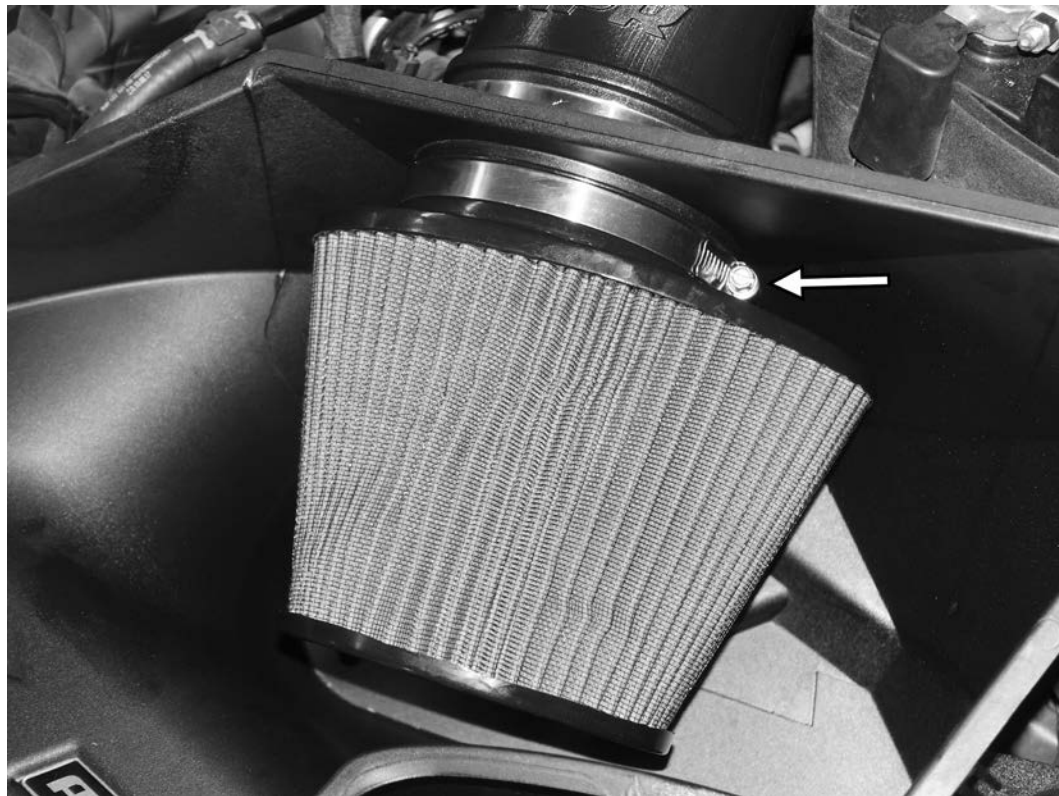
TL100194



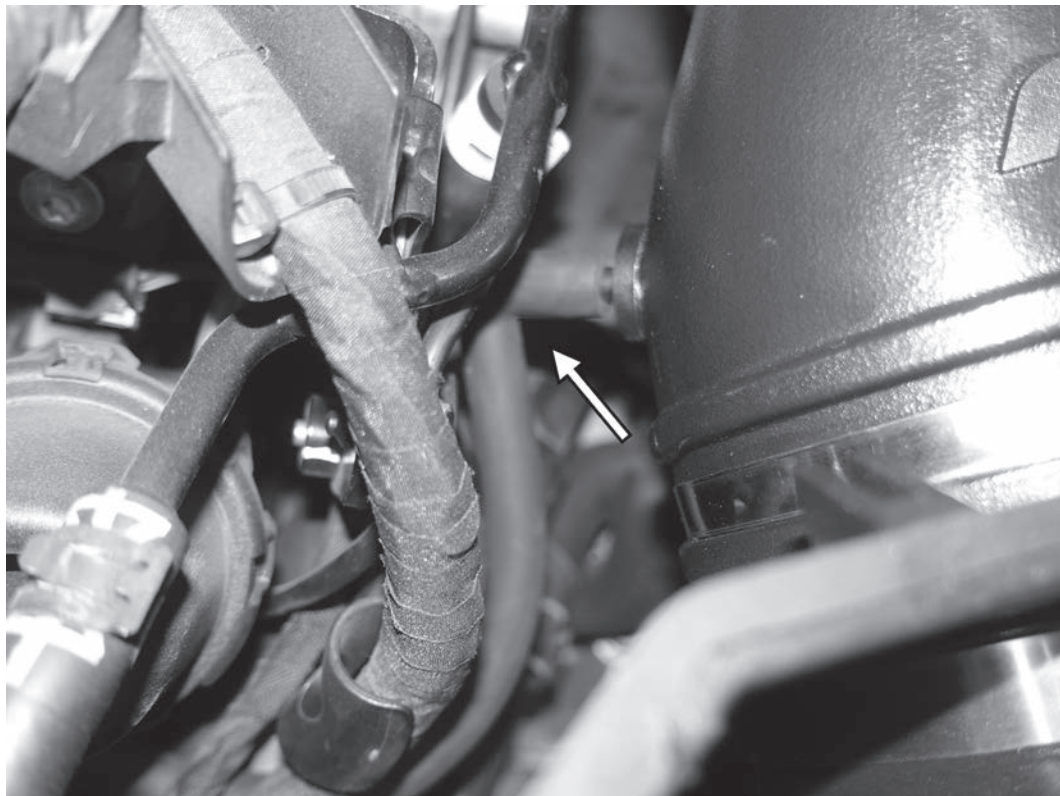
21) Reattach the hose from the PCV onto the port on the side of the APR turbo inlet hose. Simply push the connection onto the hose until it clips fully in place.

APR

22) Attach the supplied air filter with clamp to the flange inside the APR airbox. The seam on the filter should be facing the bottom of the airbox. Tighten the clamp to 6Nm (53in-lbs).



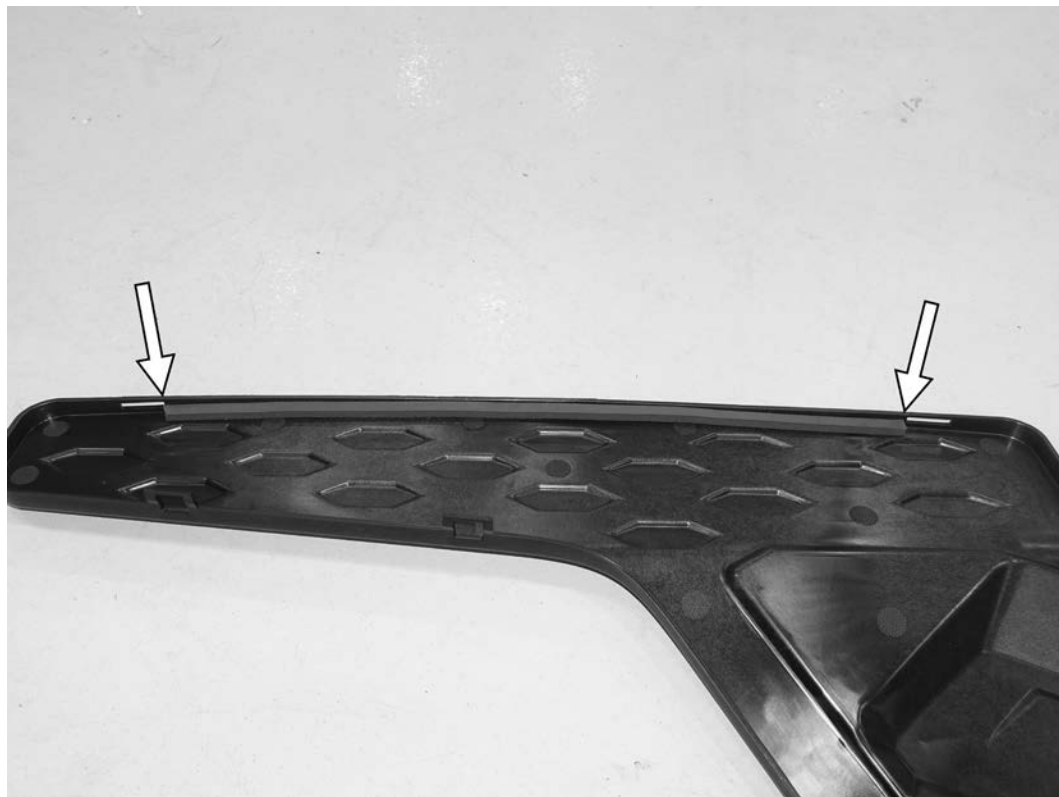
TL100194



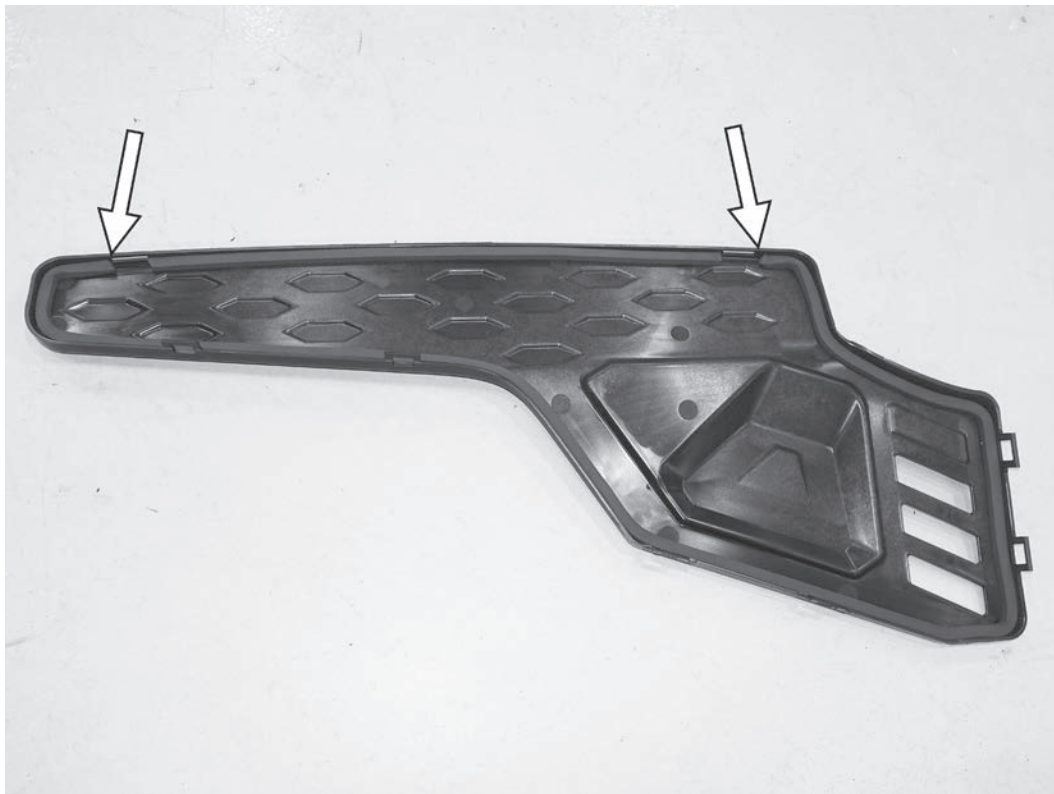
23) Locate the previously installed APR vacuum hose that is attached to the intake manifold. Attach the other end of the hose to the barbed fitting on the side of the APR turbo inlet hose.

APR

24) If installing the APR airbox lid, install the supplied foam tape on the bottom side of the airbox lid, between the two tab slots that are in the front of the lid.



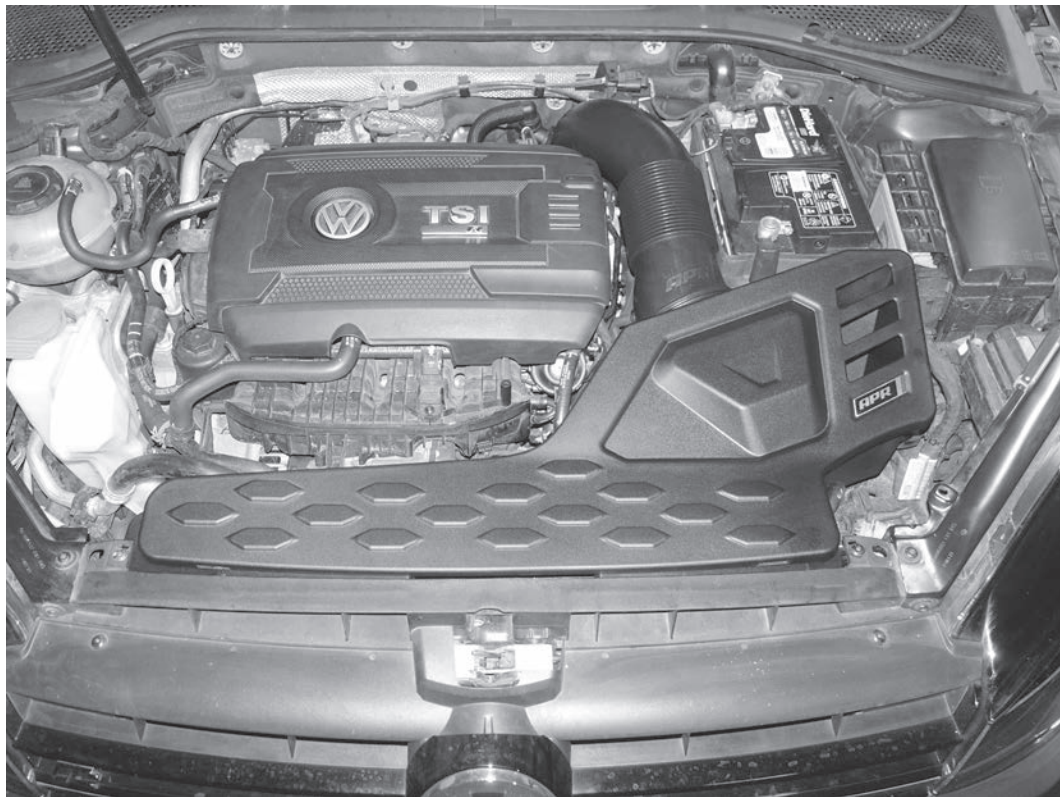
TL100194



25) Install the remainder of the supplied foam tape around the rest of the bottom side of the APR airbox lid, leaving the area behind the two tab slots open.

26) Install the airbox lid on the APR airbox by putting the front side of the cover on first. Ensure the two tabs on the front of the airbox go into the slots on the front of the airbox lid. Then, rotate the back of the airbox down. The lid will snap onto the tab on the right side of the APR airbox.





27) Push the APR airbox lid down on the APR airbox. Make sure all tabs snap into place, including the two on the left side of the airbox lid.

APR

#TL100194

GO APR.COM