

#TL100146

INSTALLATION MANUAL

CI100043

APR B9 S4 3.0T Intake

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Notes:

These instructions were written for a North American specification B9 S4, but other models are similar.

When disassembling the car, be sure to keep all fasteners so they can be reused. It is recommend 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.



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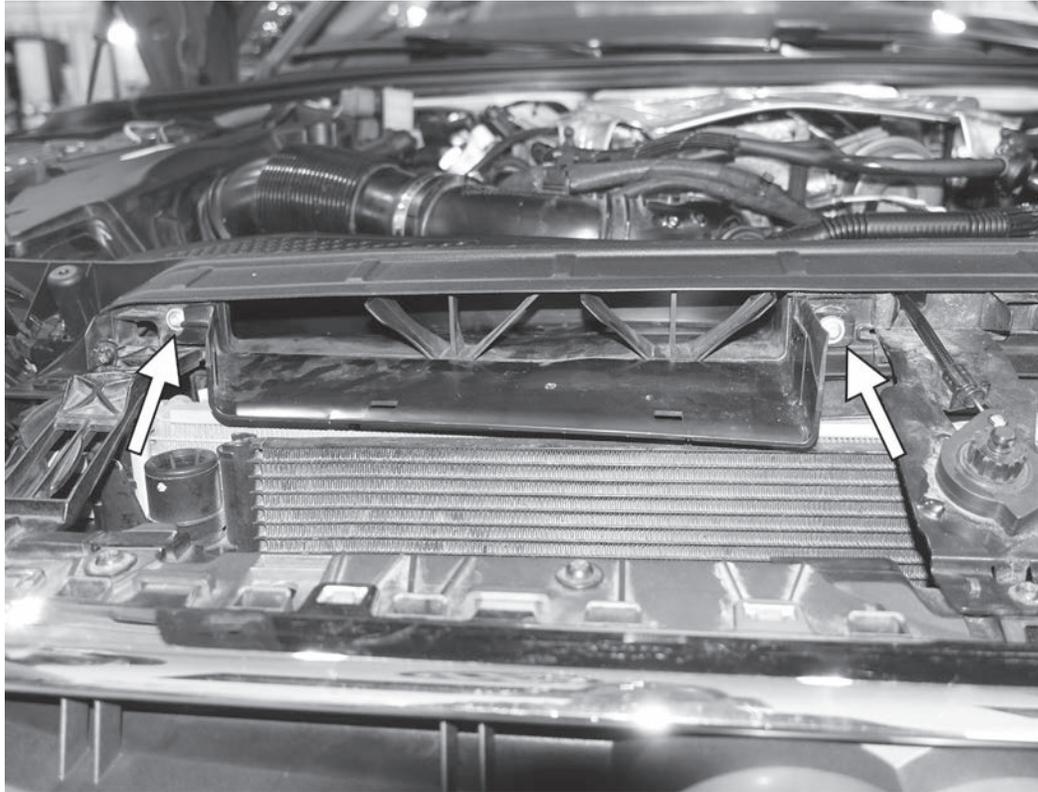


1) Raise the hood and remove the hood latch by pressing in on the small button on the back of the latch, and then lifting the latch up and away from the car. Be sure to not close the hood with the latch removed!

2) Carefully lift up on the front corners of the hood latch cover where it attaches to the top of the front bumper/grill. Lift to separate the clips of the cover all the way across its front side. Once unclipped, the cover can be slid forward and removed from the car.

Lift up on and remove the engine cover from the top of the engine.



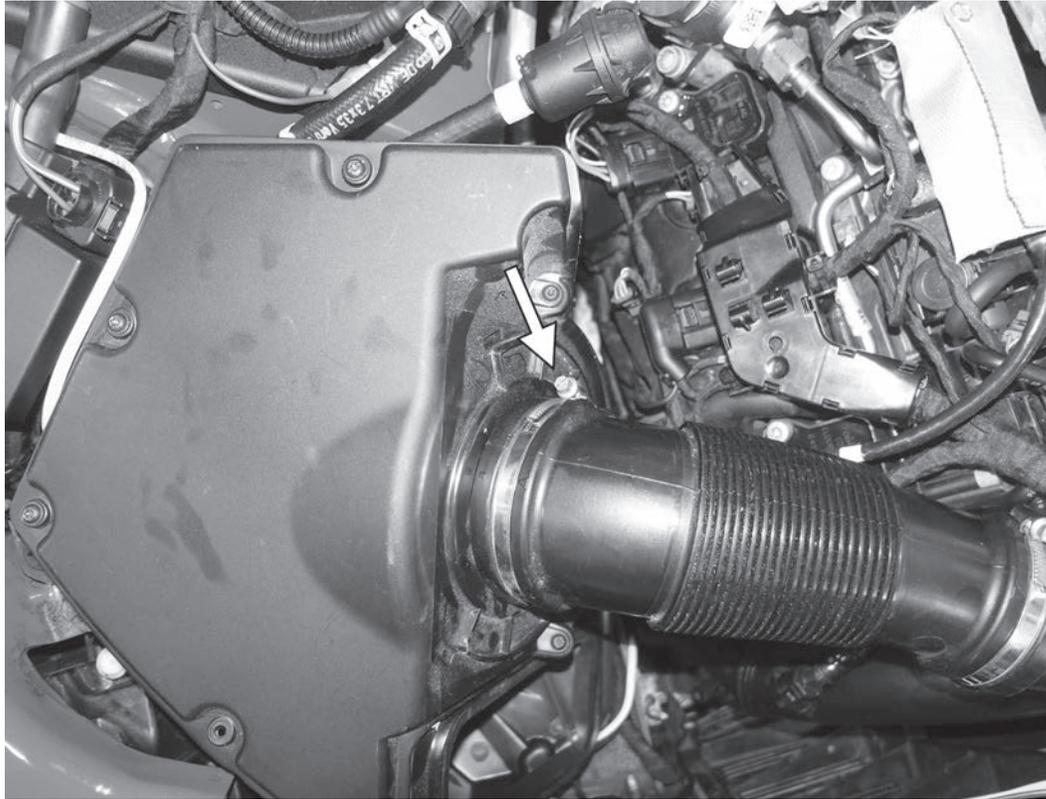


3) Remove the two T25 screws holding the front of the air guide to the radiator support.

4) Slide the front of the air guide back slightly, while pulling the air guide out and away from the factory airbox.



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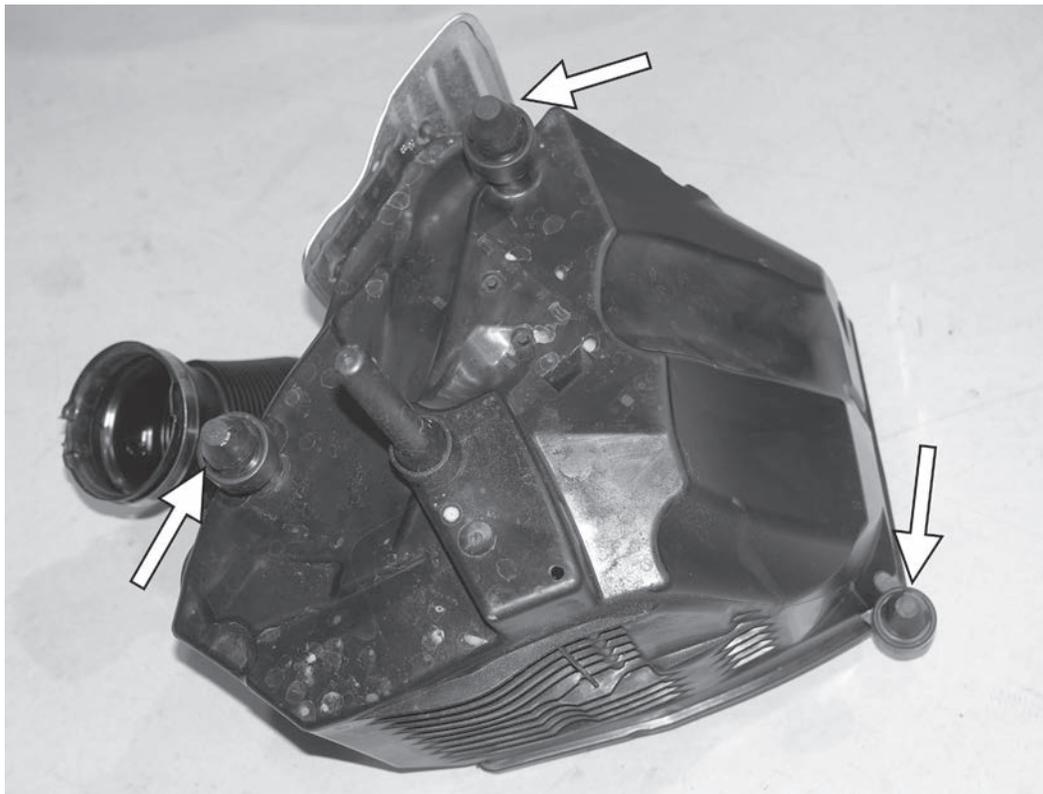


5) Loosen the 7mm hose clamp connecting the turbo inlet hose to the airbox. Separate the turbo inlet hose from the airbox.

6) Grab both the front and back of the airbox, and lift up on the entire airbox assembly to remove it from the car.



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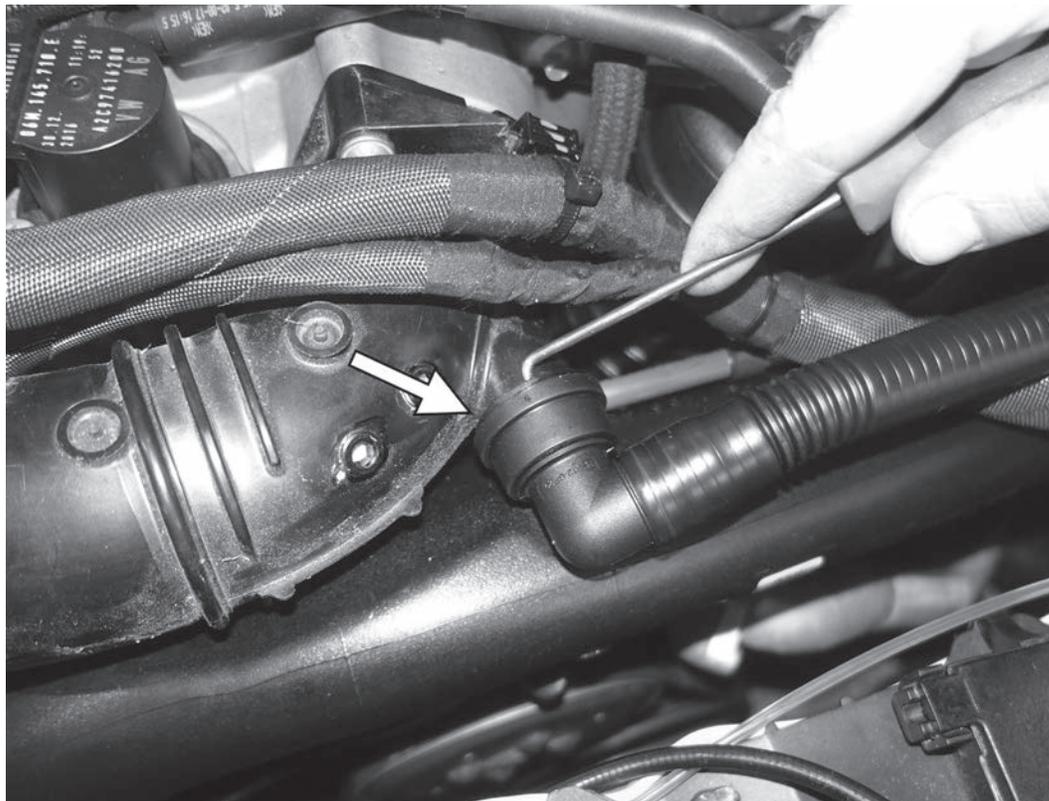


7) Pull off the factory rubber grommets from the bottom of the stock airbox. All three grommets should be on the bottom of the airbox, but may be stuck in the mounting points in the car.

8) Push the three factory rubber grommets onto the machined posts on the bottom of the APR airbox.



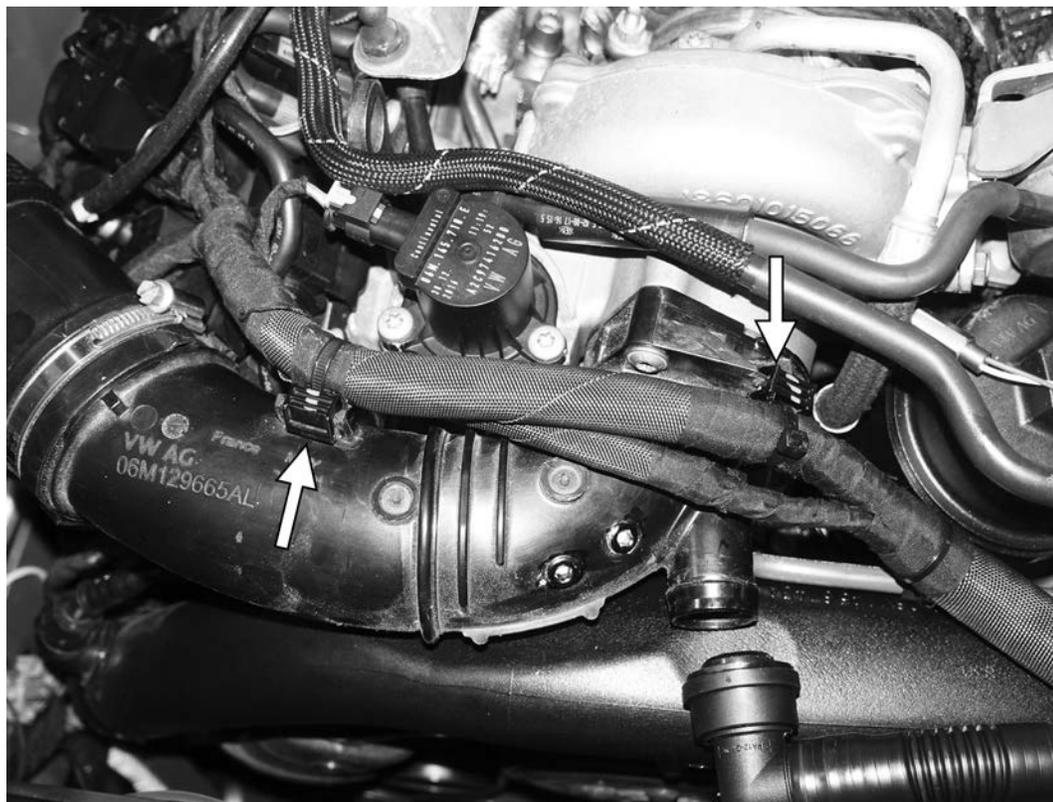
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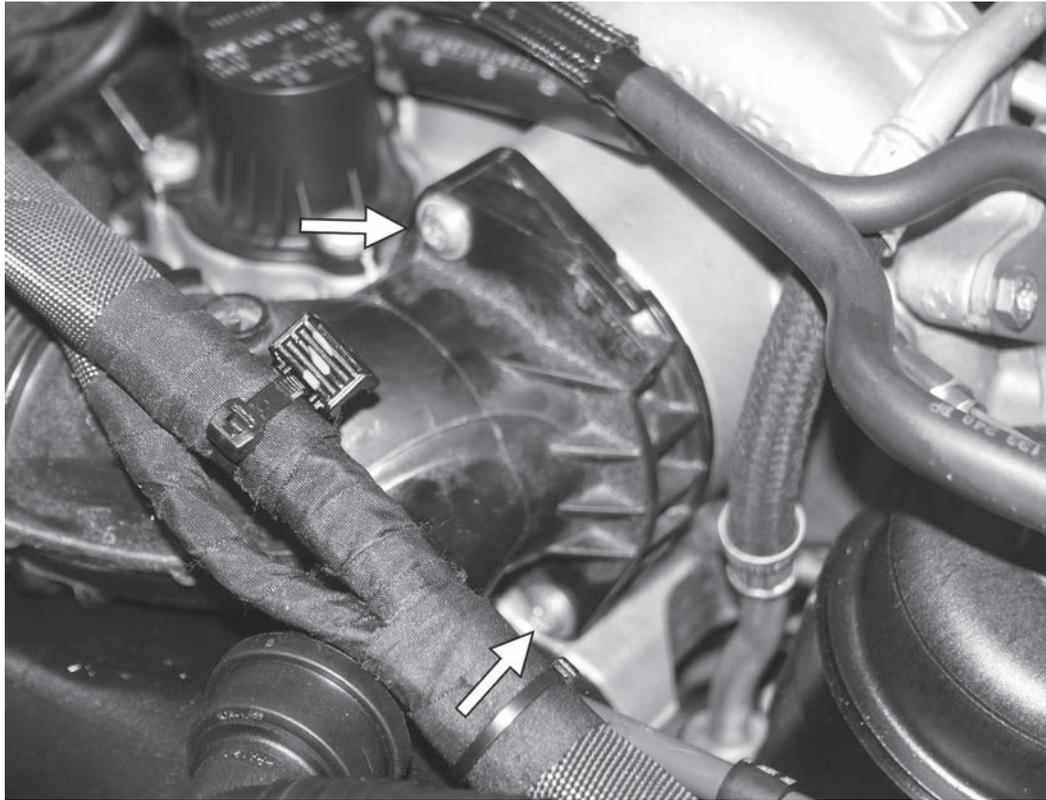
9) Use a 90° pick to loosen the PCV connection on the turbo inlet pipe near the front of the turbocharger.

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10) Unclip the two tabs holding the wiring harness to the top of the turbo inlet pipe.

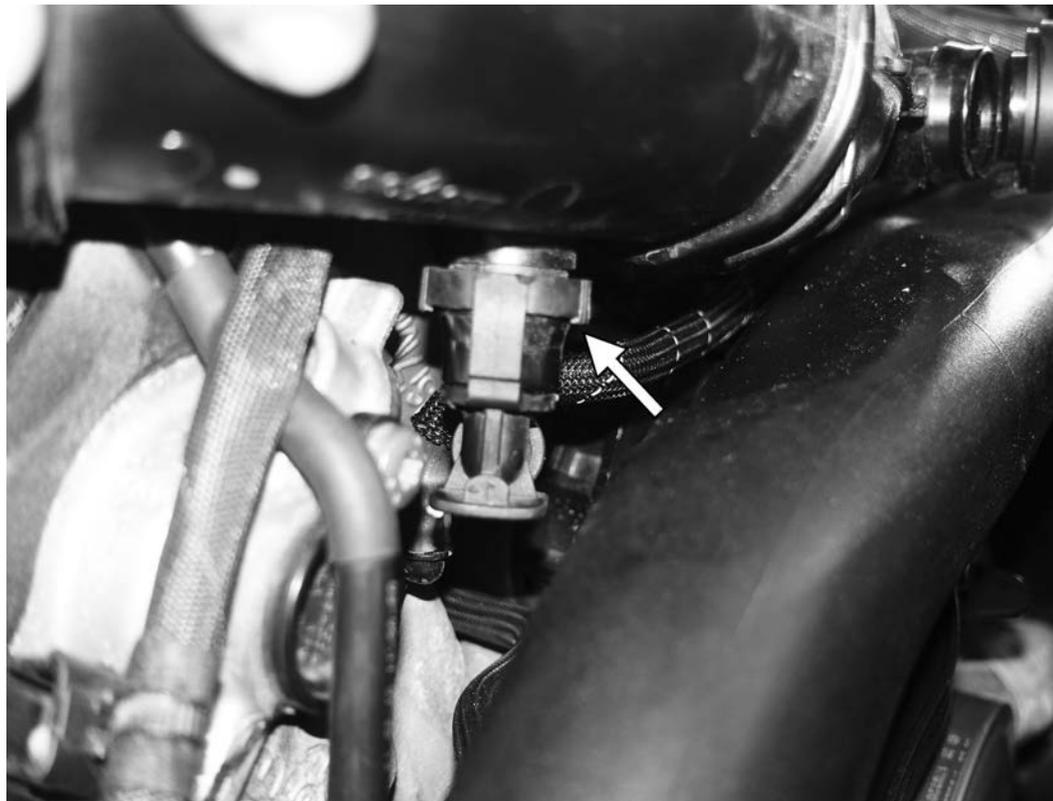


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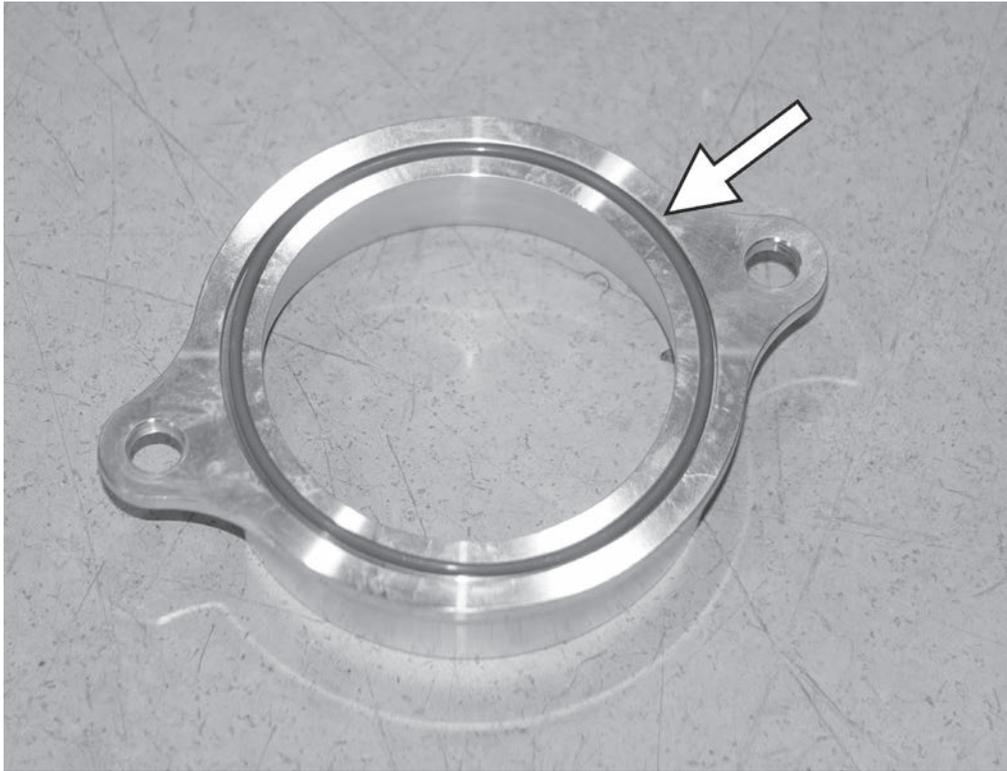


11) Remove the two T30 screws holding the turbo inlet pipe to the front of the turbocharger.

12) Slightly lift up on the turbo inlet pipe, and then disconnect the hose connection from the bottom of it by squeezing on both sides of the connector.



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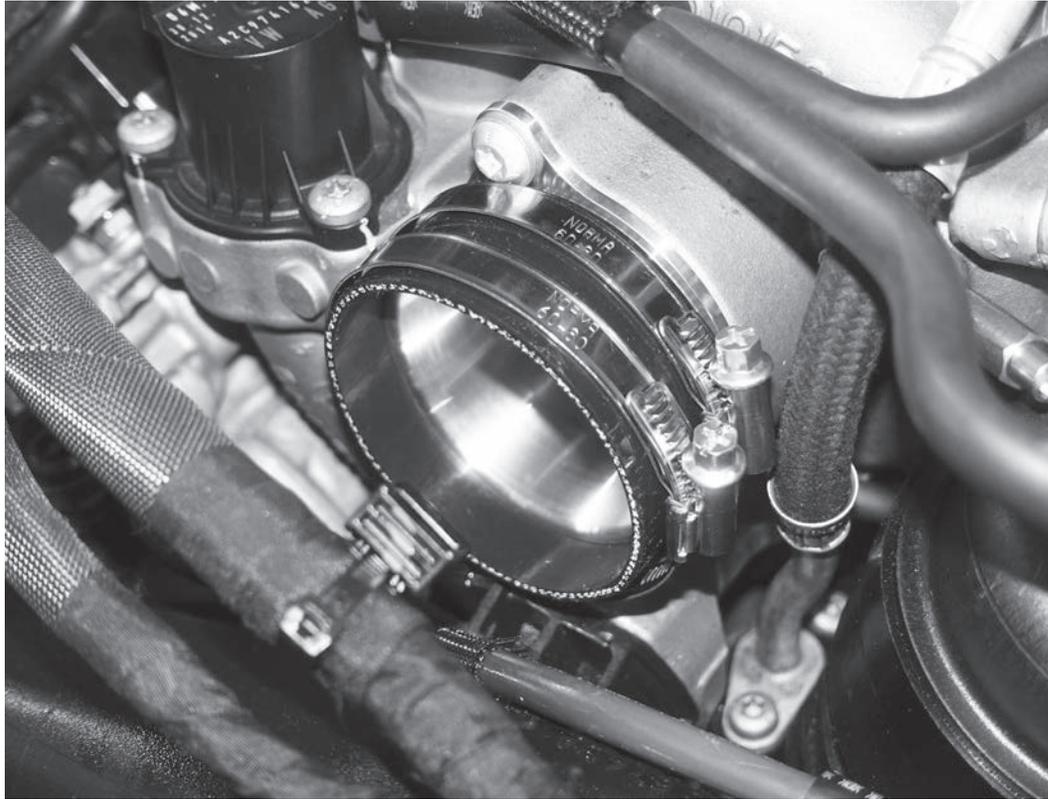


13) Install the supplied O-ring into the billet APR turbo inlet ring.

14) Install the billet APR turbo inlet ring onto the turbocharger with the two, new supplied T30 screws. Torque the screws to 9Nm (80in-lbs).



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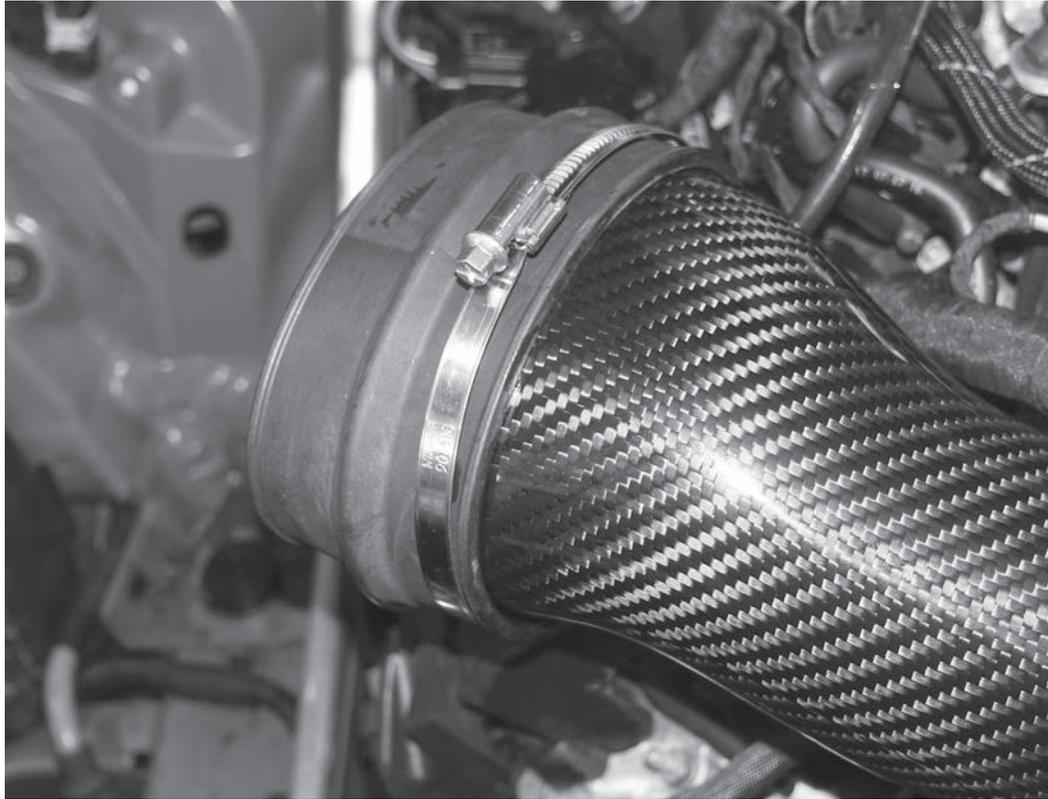
15) Loosely place the supplied silicone coupler with two hose clamps over the APR turbo inlet ring as shown.

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16) Loosely place the APR turbo inlet pipe into the silicone coupler on the front of the turbo. Lift up on the inlet pipe and connect the hose connection to the bottom of the turbo inlet.



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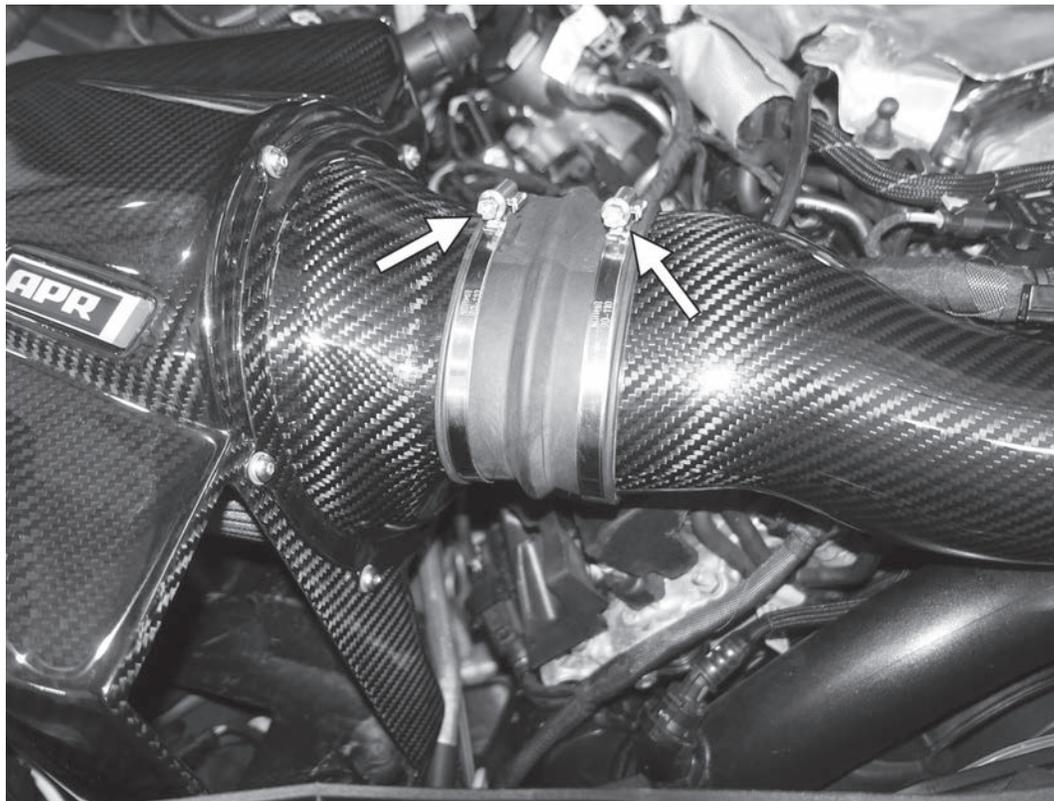


17) On the other end of the APR turbo inlet pipe, loosely install the rubber coupler with one of the hose clamps.

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18) Place the APR airbox into the car, making sure the three rubber grommets on the bottom of the airbox go into the three original mounting holes.





19) With the second 7mm clamp, slide the coupler between the APR airbox and the APR turbo inlet pipe. Make sure the coupler is even on both sides of the connection, and then tighten the clamps to tighten them to 5in-lb (0.6Nm). Do not over-torque the clamps, as you can crush the carbon fiber intake. This torque spec is very low, but the intake will be secure.

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20) Tighten the two 7mm hose clamps on the turbo inlet pipe to 10in-lb (1.2Nm).

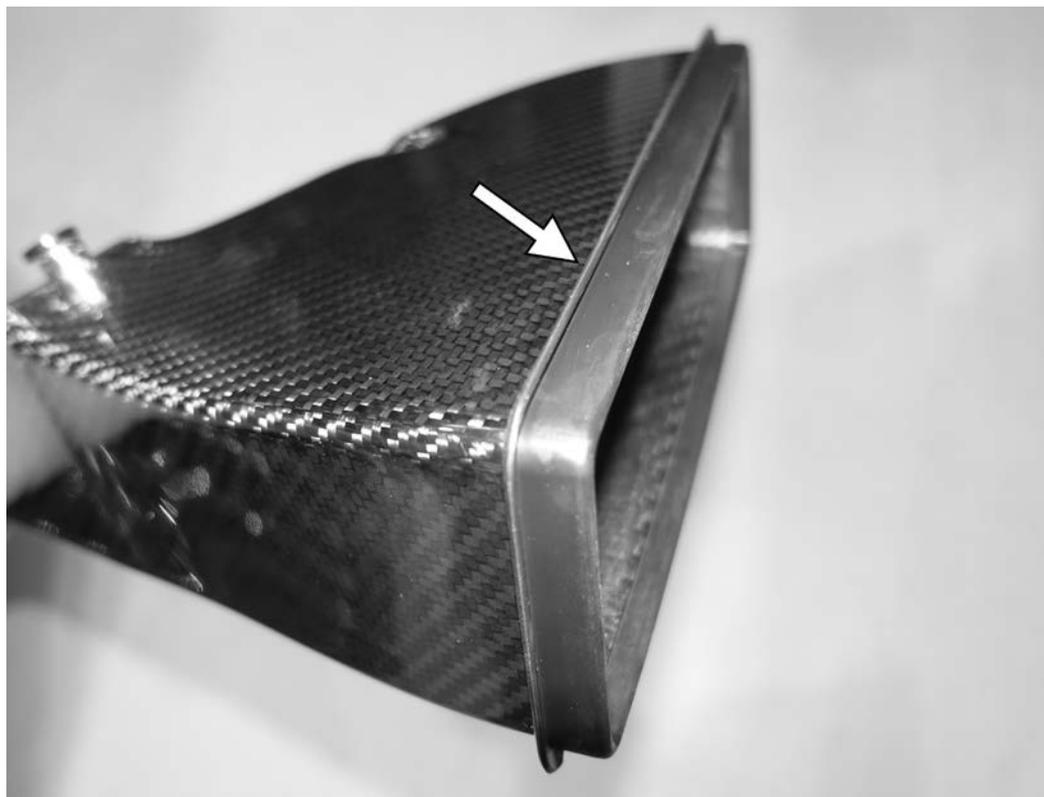


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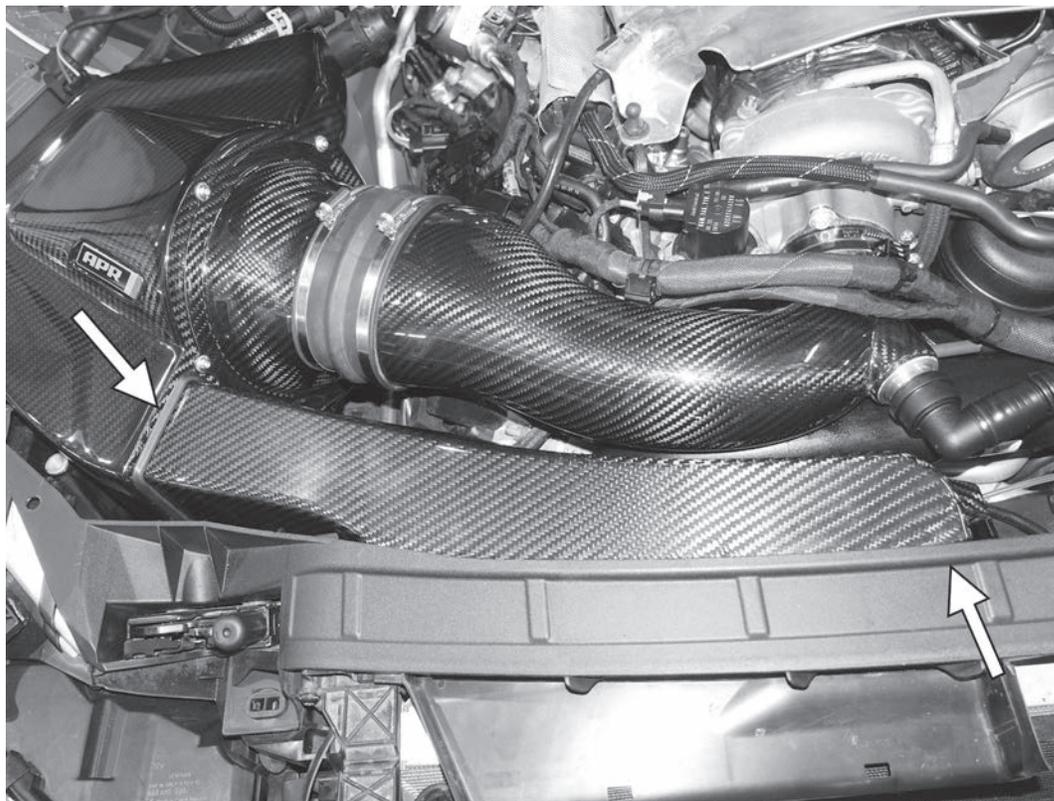


21) Reconnect the PCV hose to the front of the APR turbo inlet pipe by simply pressing the hose onto the port on the front of the inlet pipe.

22) Install the supplied grommet to the end of the APR inlet scoop.



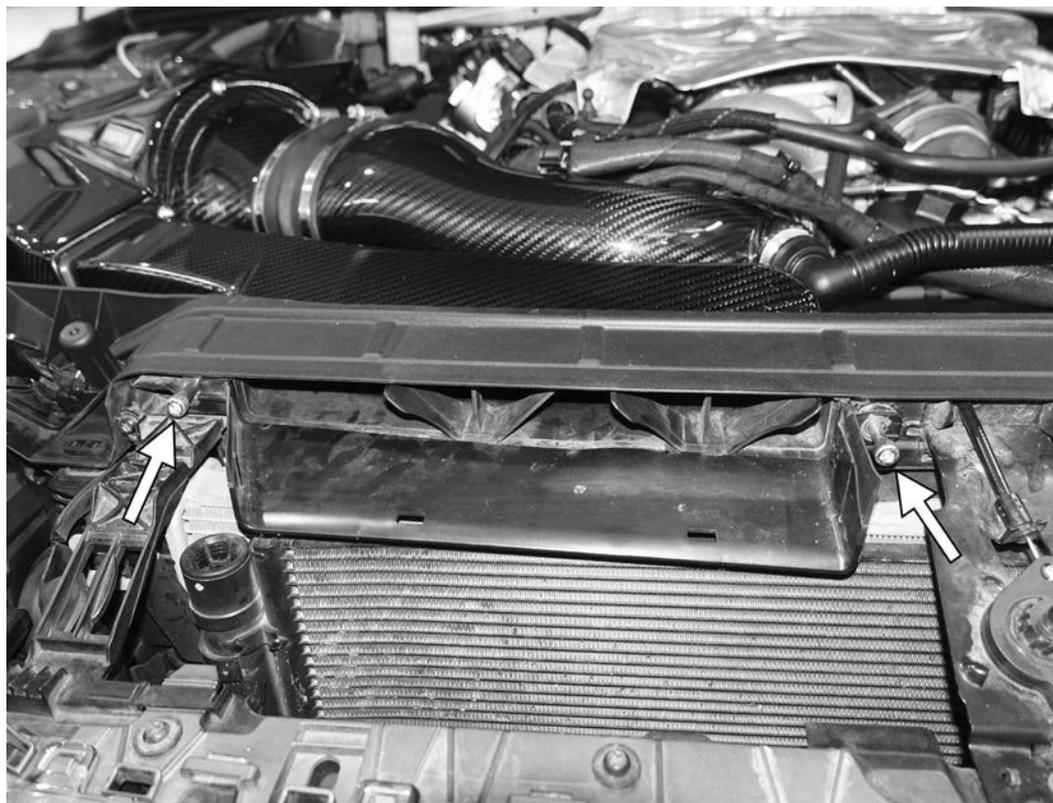
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23) Install the APR inlet scoop to the opening on the APR airbox. Push the inlet scoop up against the back of the radiator core support, aligning the threaded mounting holes with the holes on the back of the core support.

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24) Install the two supplied 5mm allen screws from the front side of the core support and into the threaded mounting holes of the APR inlet scoop. Tighten the screws to 2.5Nm (22in-lbs).



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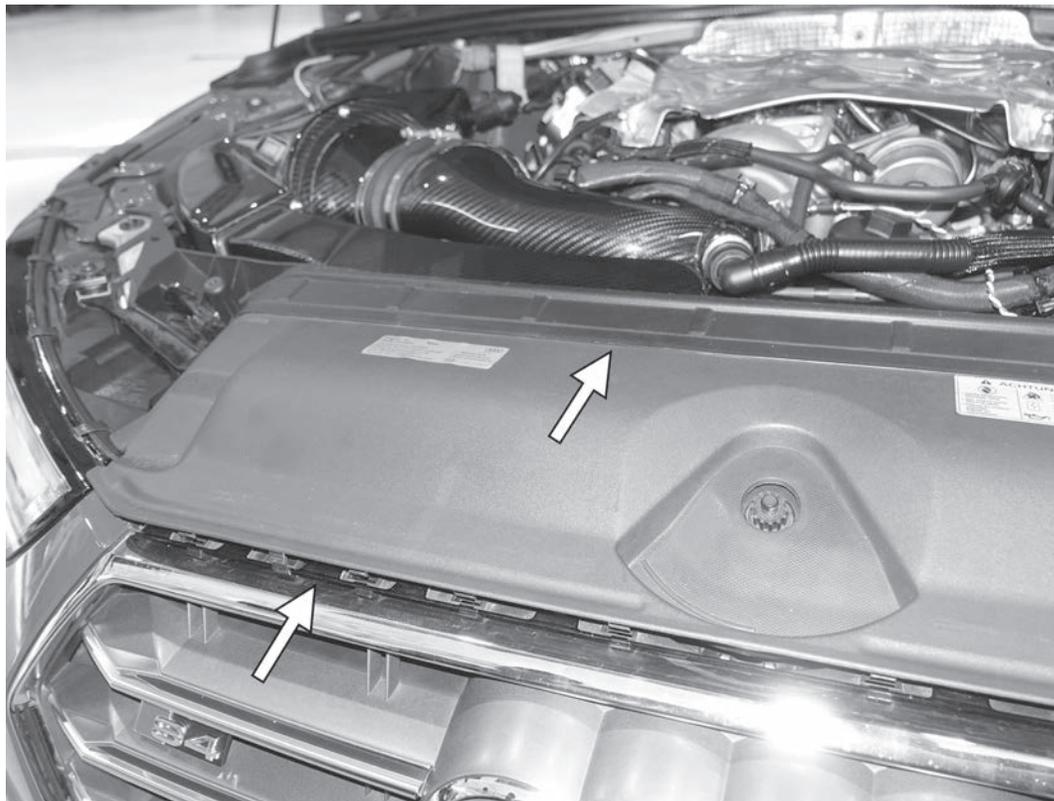


25) Remove the two front 13mm engine cover mounting posts.

26) Install the two 13mm APR engine cover mounting posts. Reinstall the OEM engine cover.



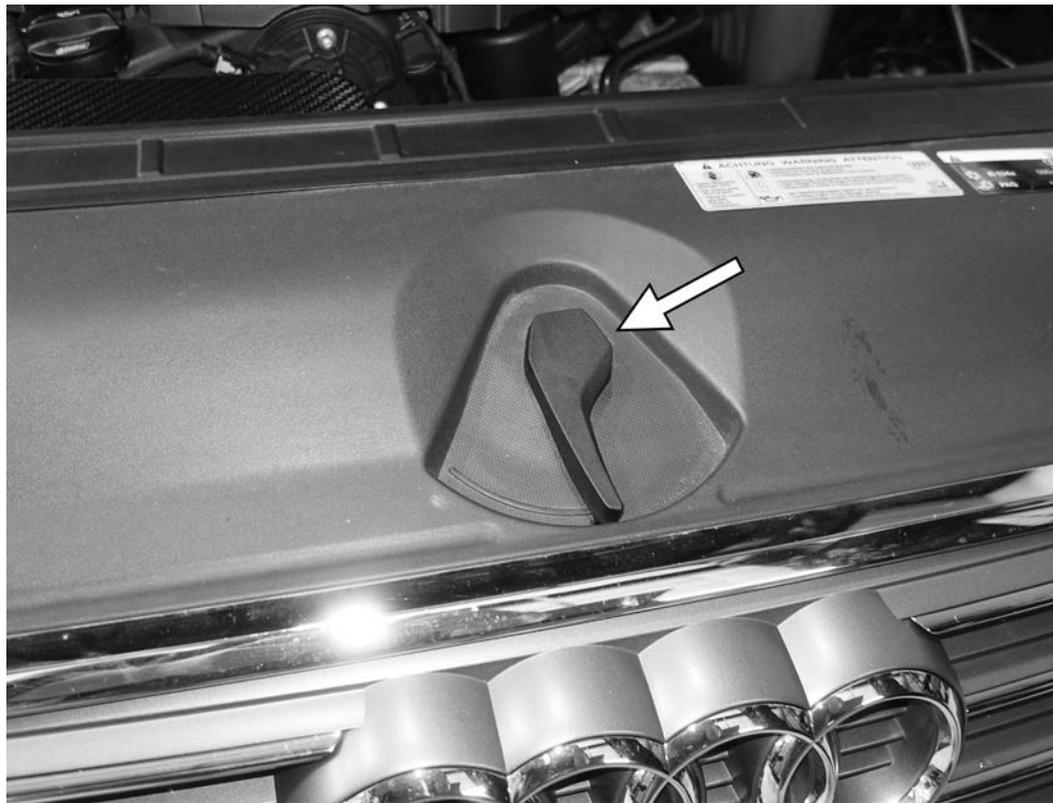
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27) Place the back of the hood latch cover into the slot of the radiator support. Then, carefully align the tabs along the front of the hood latch cover and snap them back into their correct positions along the top of the bumper and grill.

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28) Reinstall the hood latch. The latch is keyed so that it can be only installed in one direction. Push the latch down until it clips fully onto the hood latch post.



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