

#TL100193

INSTALLATION MANUAL

CI100069

APR 2.5T Carbon Fiber Airbox

APR



Notes:

These instructions were written for a North American specification Audi 8V RS3, but other models, like the 8Y RS3 and TT-RS 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.

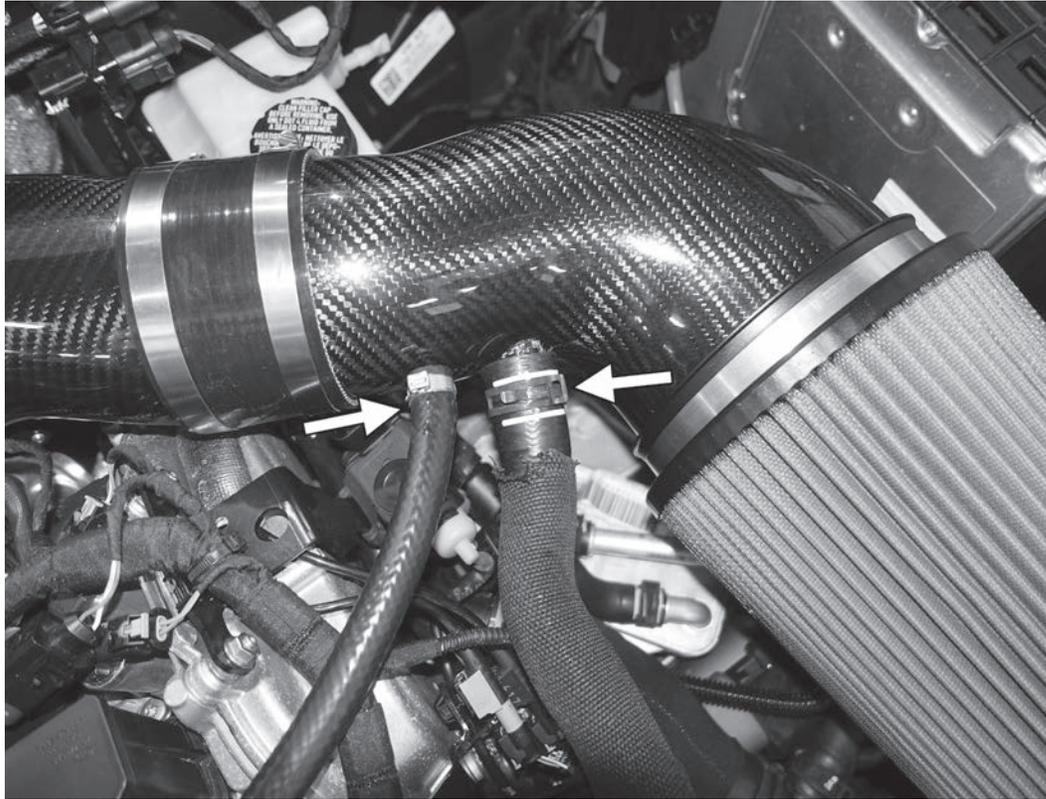
These instructions assume that you have basic mechanical skills and several varieties of basic hand tools in order to install the kit. If you have any questions about the install, feel free to contact your APR representative.



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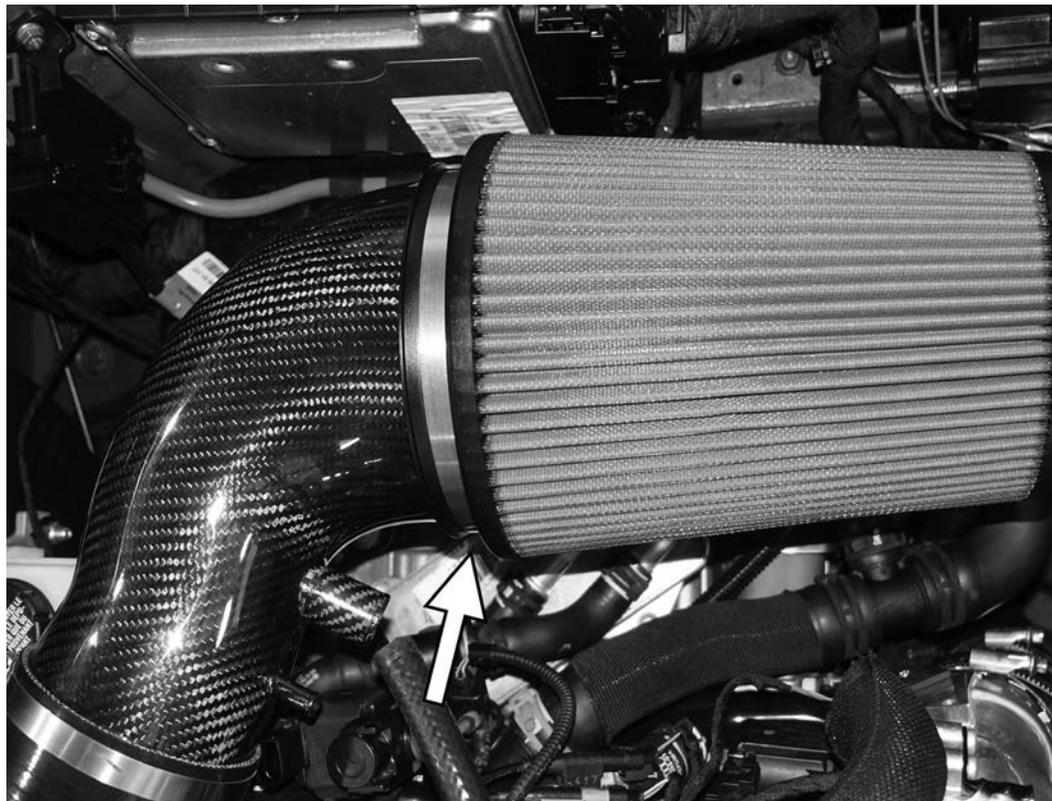
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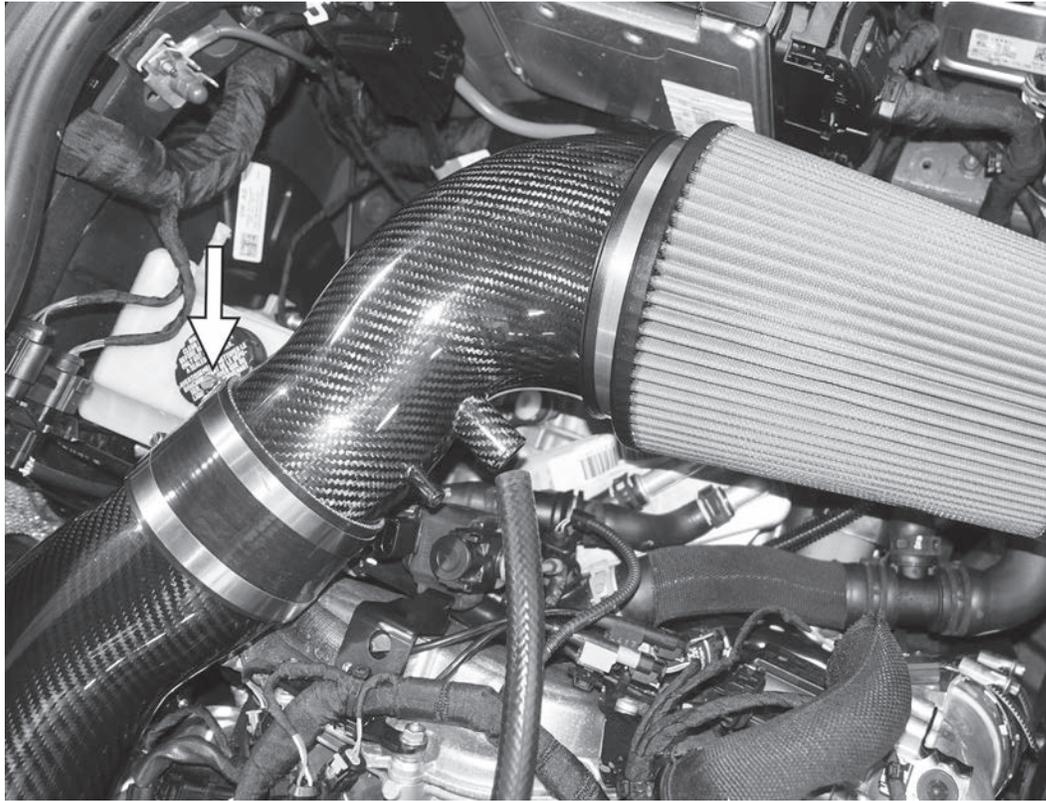
1) Raise the hood of the car, and remove the engine cover. Remove the two hoses from the side of the APR intake tube.

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2) Loosen the hose clamp holding the air filter to the intake tube. Slide the APR support bracket out from underneath the filter, from between the filter clamp and the filter flange.



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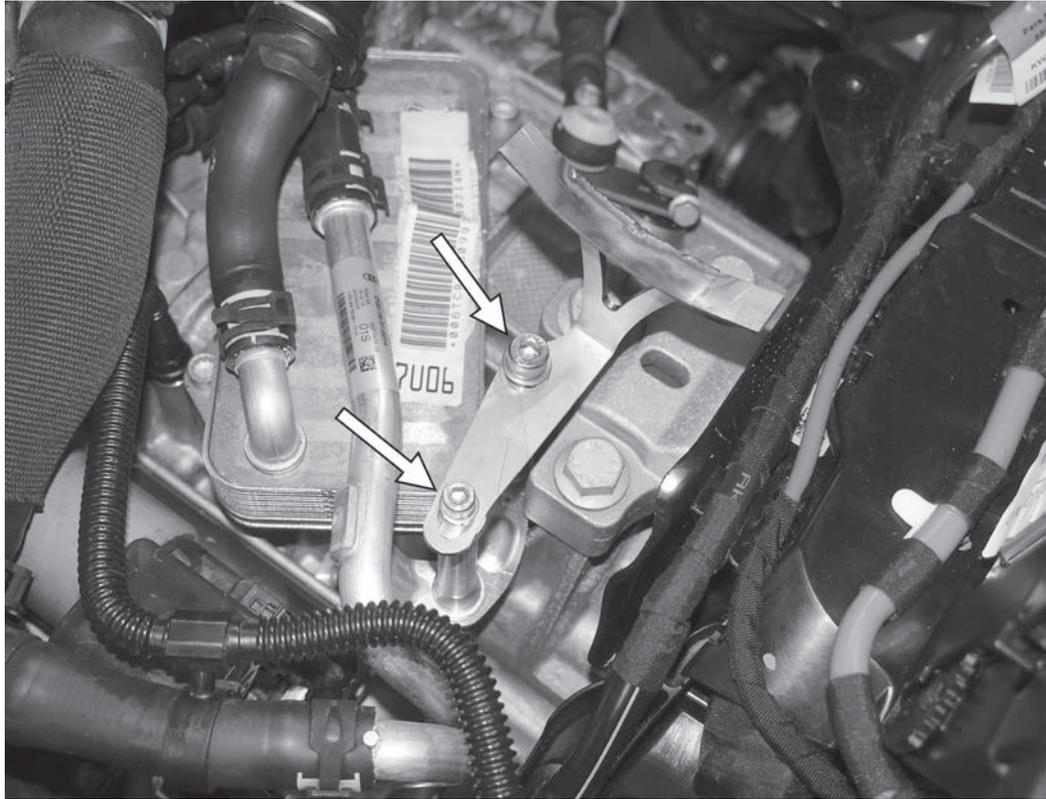


3) Loosen the front hose clamp from the coupler that connects the APR intake tube from the rear intake pipe. Remove the intake tube and filter from the car.

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4) Remove the T30 screw from the bottom of the APR intake pipe where it attaches to the back of the engine. This screw will not be reused.

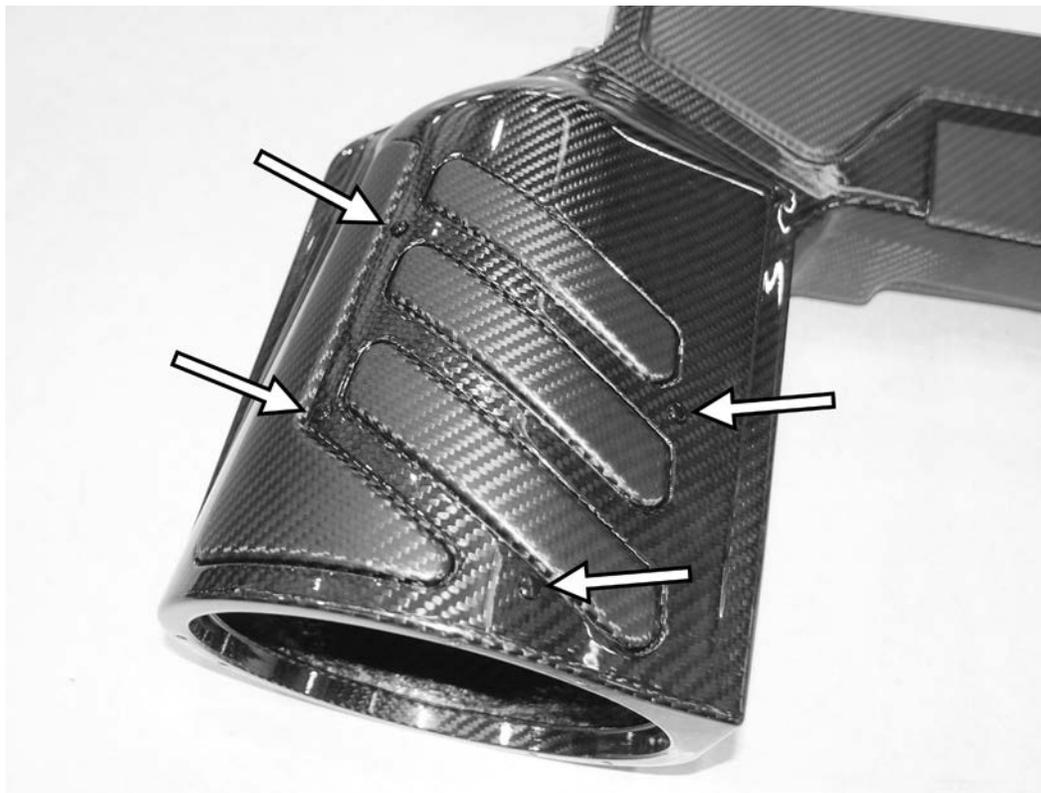




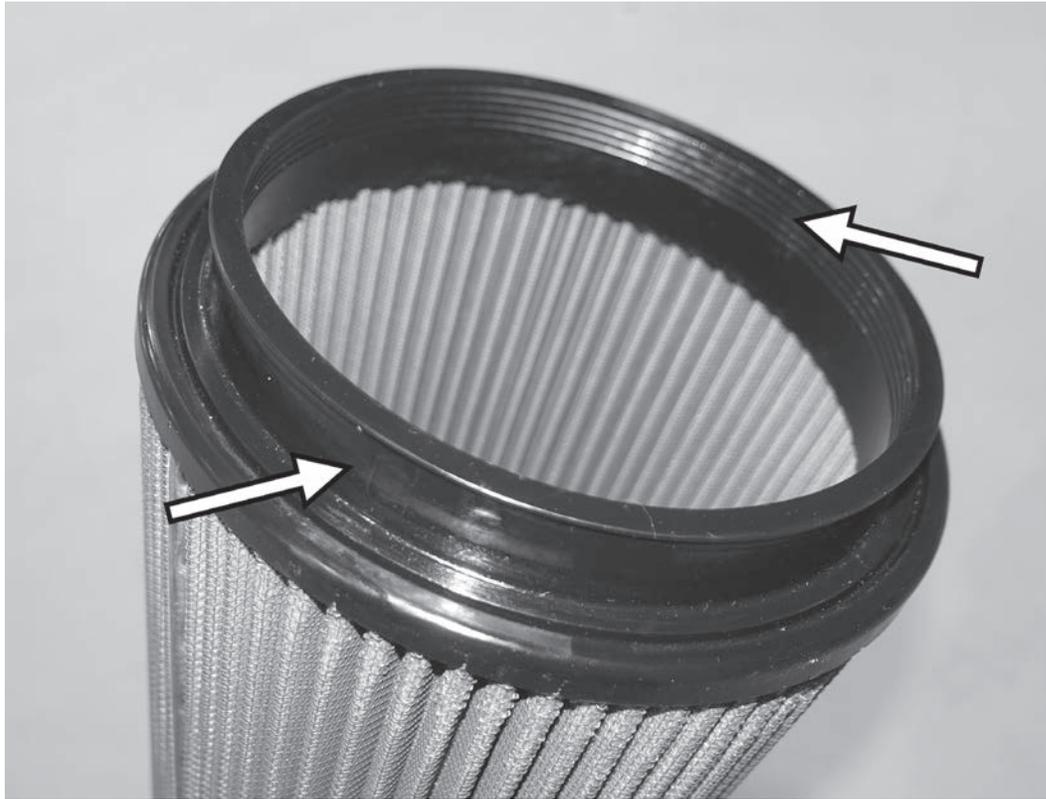
5) Remove both the 5mm and 6mm allen screws from the APR bracket, and remove the bracket from the car. The bracket will not be reinstalled.

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6) Determine if you are going to run the APR airbox in an open or closed configuration. If running the airbox closed, install the cover panel from inside the outlet of the airbox and secure with the four push-pin fasteners.



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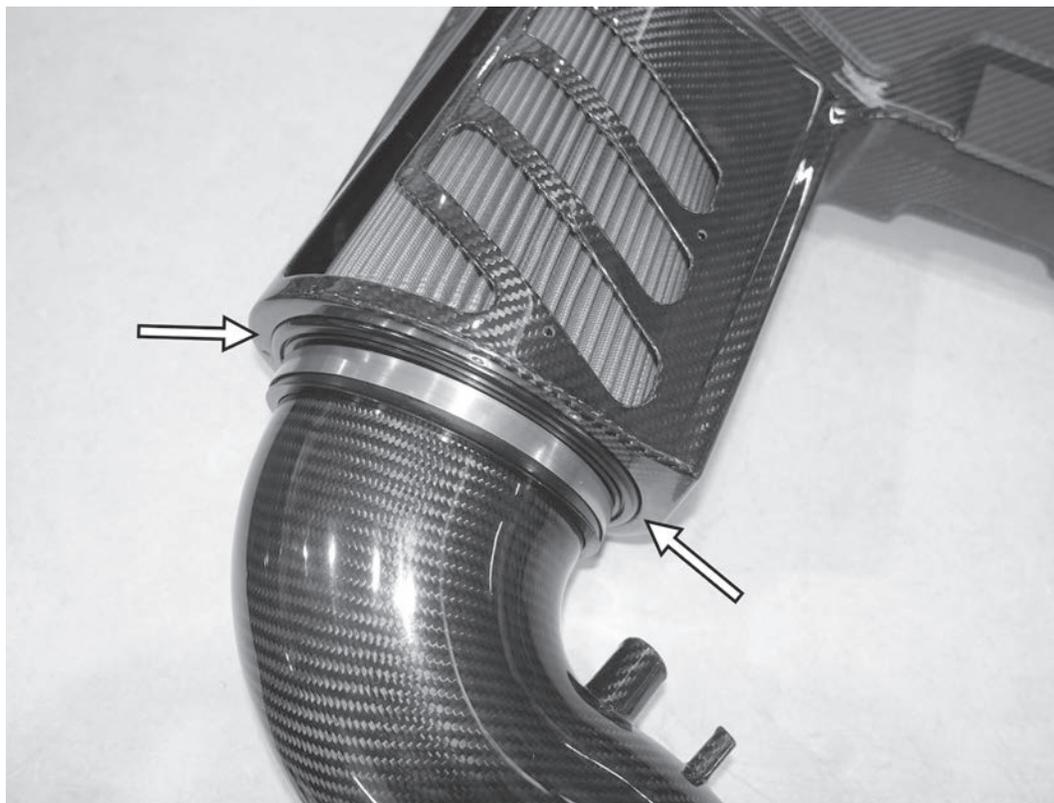
7) Using the supplied alcohol wipes, clean the inside and outside of the air filter flange. Also wipe down the the APR carbon parts where the filter flange will contact.

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8) With the filter clamp installed, push the APR inlet tube as far into the filter as possible, beyond where the filter would normally mount on the inlet tube. Do not tighten the filter clamp at all.

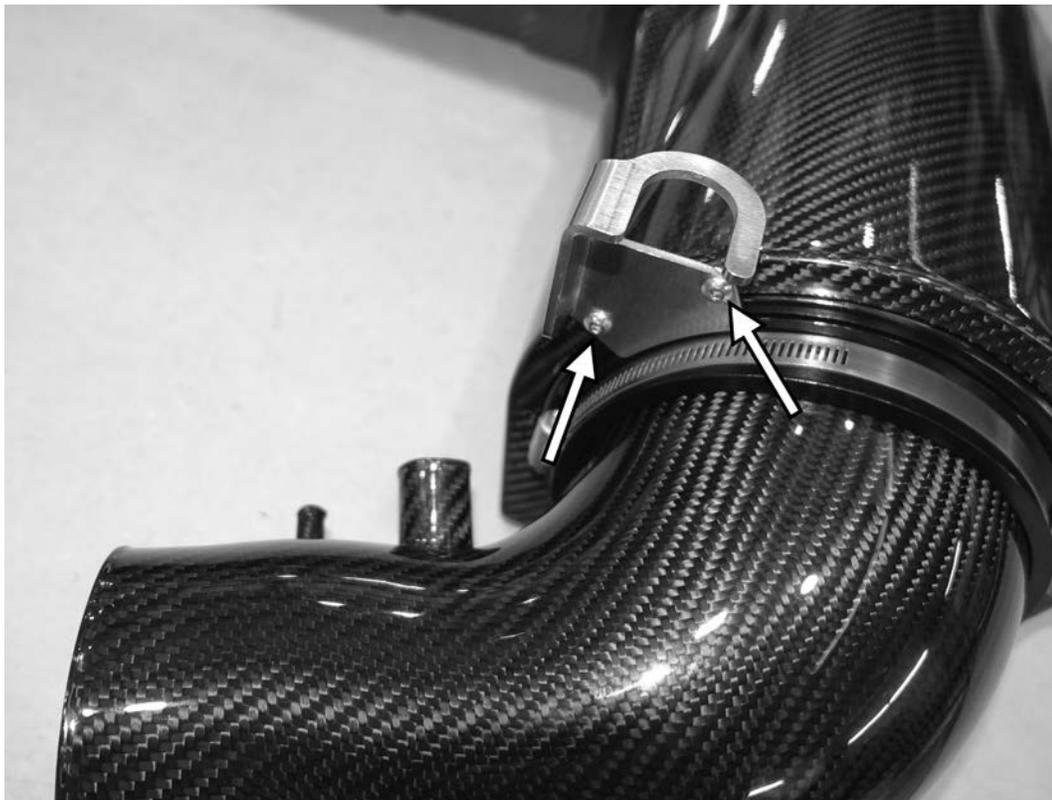


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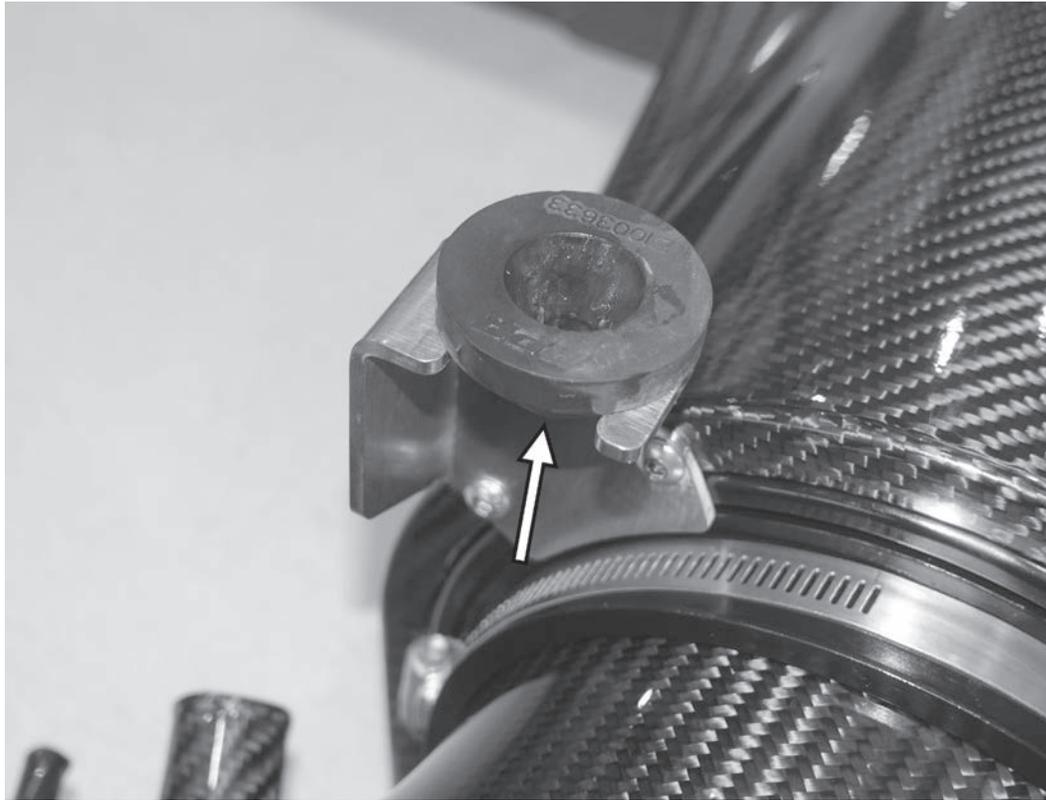


9) Push the filter element into the outlet of the APR airbox until the back of the filter flange is flush with the back of the airbox. The fit, by design, is very tight and some creaking and popping may occur while pushing the filter in. Again, the APR inlet tube must still be pushed too far inside the filter in order for the filter to fully seat in the airbox outlet.

10) With the airbox turned upside down, install the grommet mount on the bottom of the airbox with two of the supplied 3mm allen screws. Tighten the screws to 4Nm (35 in-lbs).

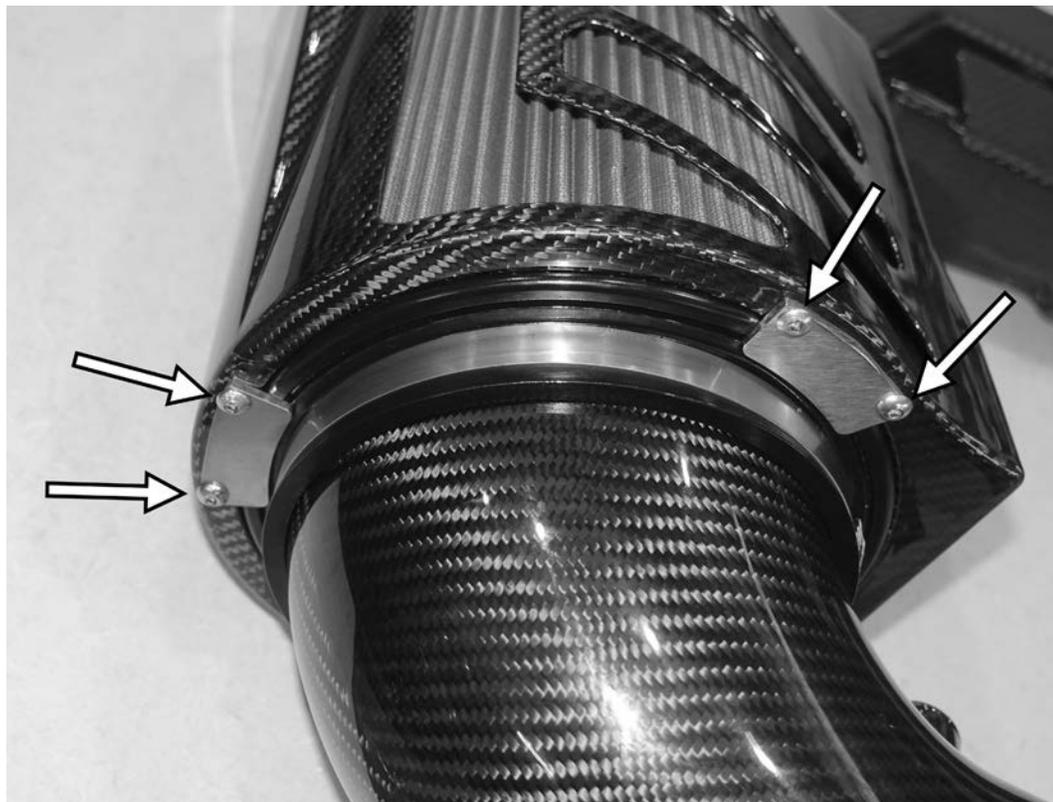


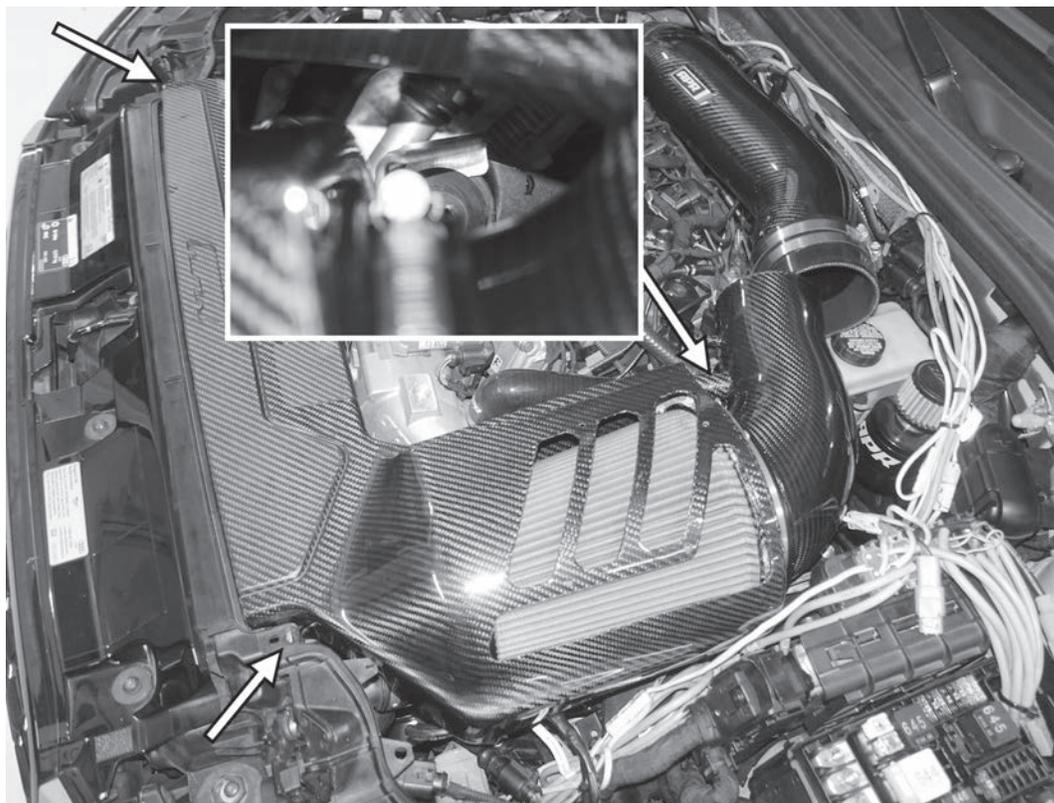
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11) Install the supplied grommet into the previously mounted bracket as shown. Lubricate the inside of the bracket for ease of installation.

12) Turn the airbox back over, and install the two other brackets with the remaining four 3mm allen screws. Tighten the screws to 4Nm (35 in-lbs). These three brackets secure the filter into the airbox.



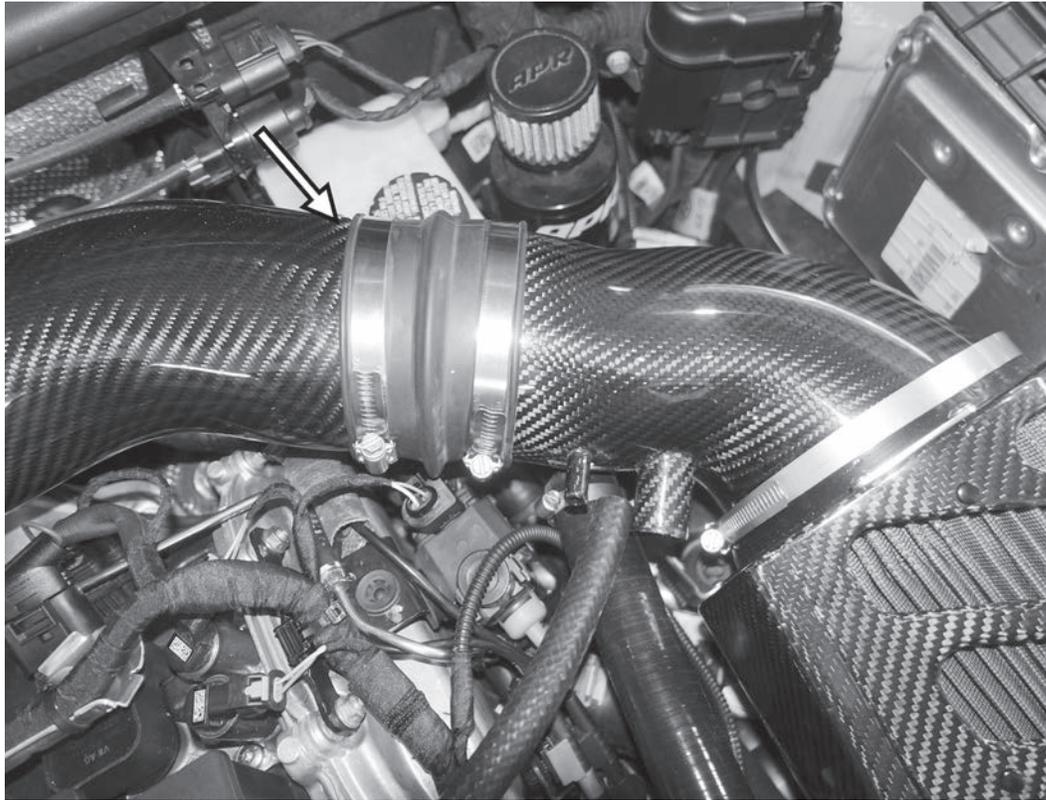


13) Loosely place the APR airbox assembly in the car. Make sure the front of the airbox fits under the front mounting tabs on both sides of the radiator core support. Push down to make sure the rubber grommet goes into the factory airbox mounting point (inset, from above). Rotate and clock the inlet tube so that it aligns with the inlet pipe. The inlet tube still needs to be pulled back out, so it will not fit perfectly yet.

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14) Remove the airbox assembly from the car, without changing the clocking position on the inlet pipe. Pull the inlet tube back away from the airbox, until the inlet tube tightens into position. Try not to change the orientation of the outlet of the inlet tube. Tighten the hose clamp to secure the inlet tube to the back of the filter flange to 1.5Nm (13 in-lbs).





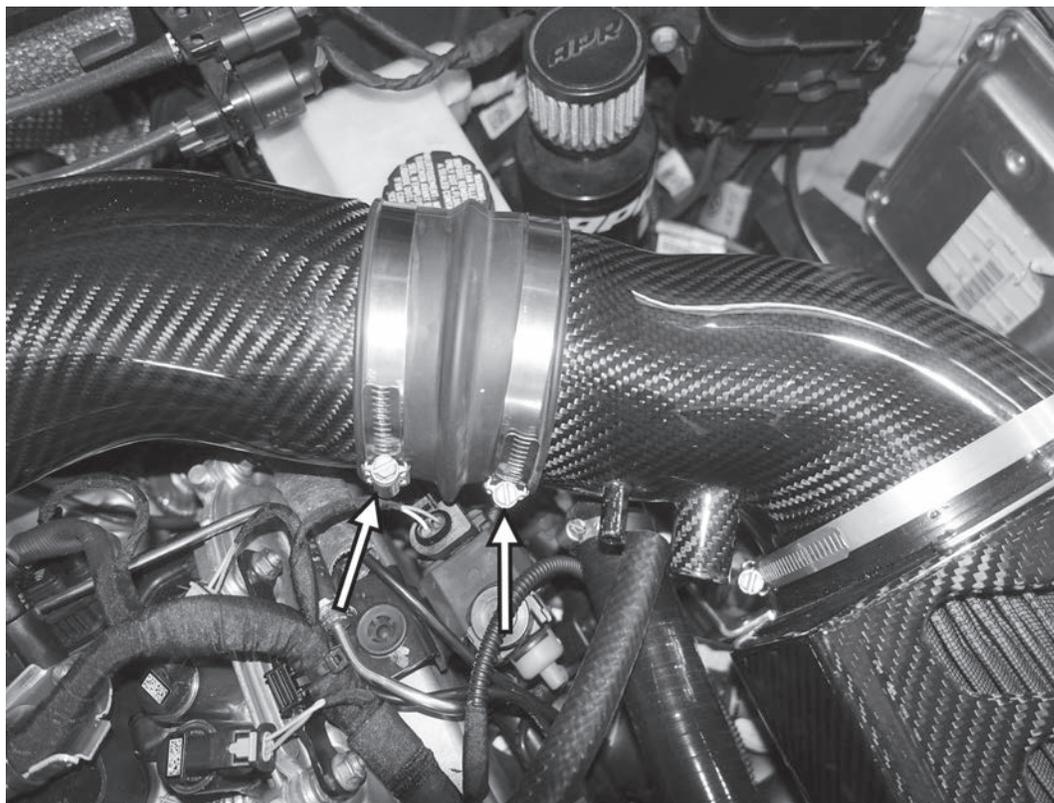
15) Reinstall the airbox assembly again, with the inlet tube going into the coupling on the APR inlet pipe. Make sure the front of the airbox fits under the front mounting tabs on both sides of the radiator core support. Push down to make sure the rubber grommet goes into the factory airbox mounting point.

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16) Connect the airbox to the radiator core support with the two supplied flanged 3mm allen screws. Tighten the screws to 2Nm (18 in-lbs).



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17) After making sure the intake fits well, tighten the two hose clamps on the coupler between the APR intake pipe and the APR inlet tube to 10 in-lb (1.2Nm). Do not overtorque 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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18) Reconnect the two hoses to the side of the APR inlet pipe. The larger hose uses a screw clamp, and the smaller hose has a spring clamp.





19) Peel off the plastic on the back of the APR badge to expose the adhesive. Leave the front plastic in place to keep the letters aligned to each other. Carefully align and place the logo into the recessed portion on the front of the APR airbox. Once pressed down, peel off the front plastic.

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