#TL100149

INSTALLATION MANUAL

CI100058

APR 2.9T SUV Intake

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APR

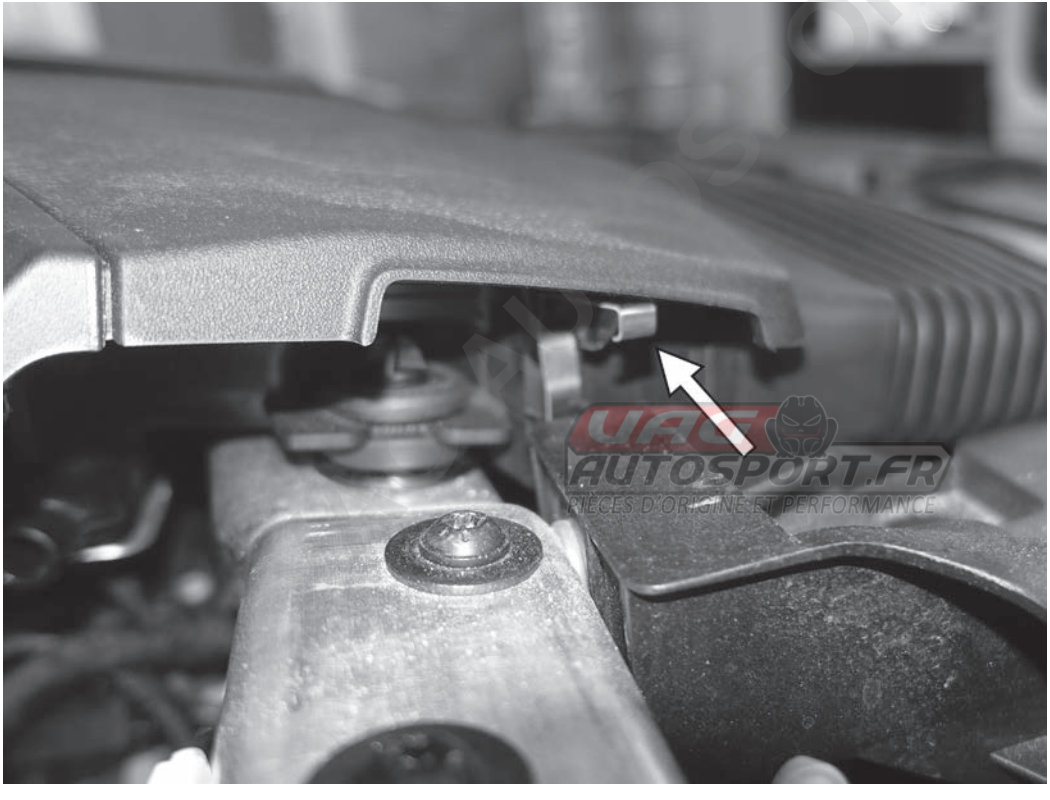
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Notes:

These instructions were written for a North American specification Porsche Cayenne S, 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.



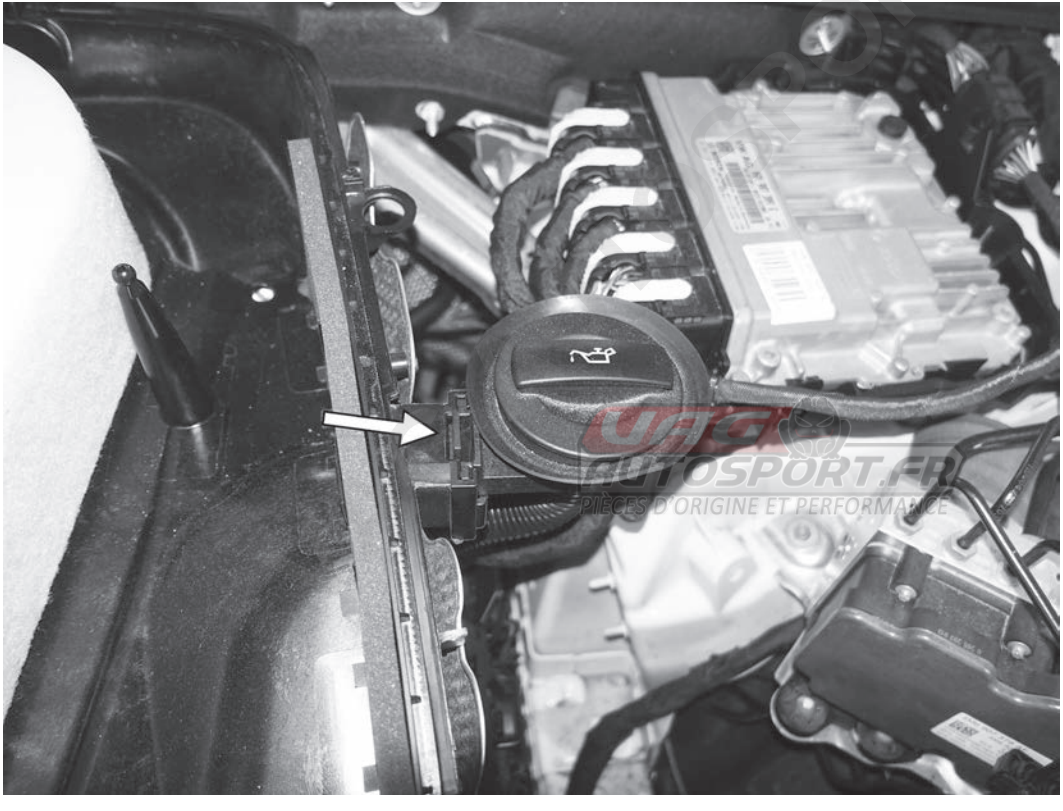
1) Raise the hood of the car. On both sides of the front of the factory airbox cover, locate the clips near the front of the airbox. Pull the tabs on the clips away and down from the airbox to detach them.

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2) Lift up on both sides of the front of the airbox cover, near where the front clips where. Once the front is raised, lift and pull the cover out of the slots on the back of the airbox, and place the airbox cover aside.



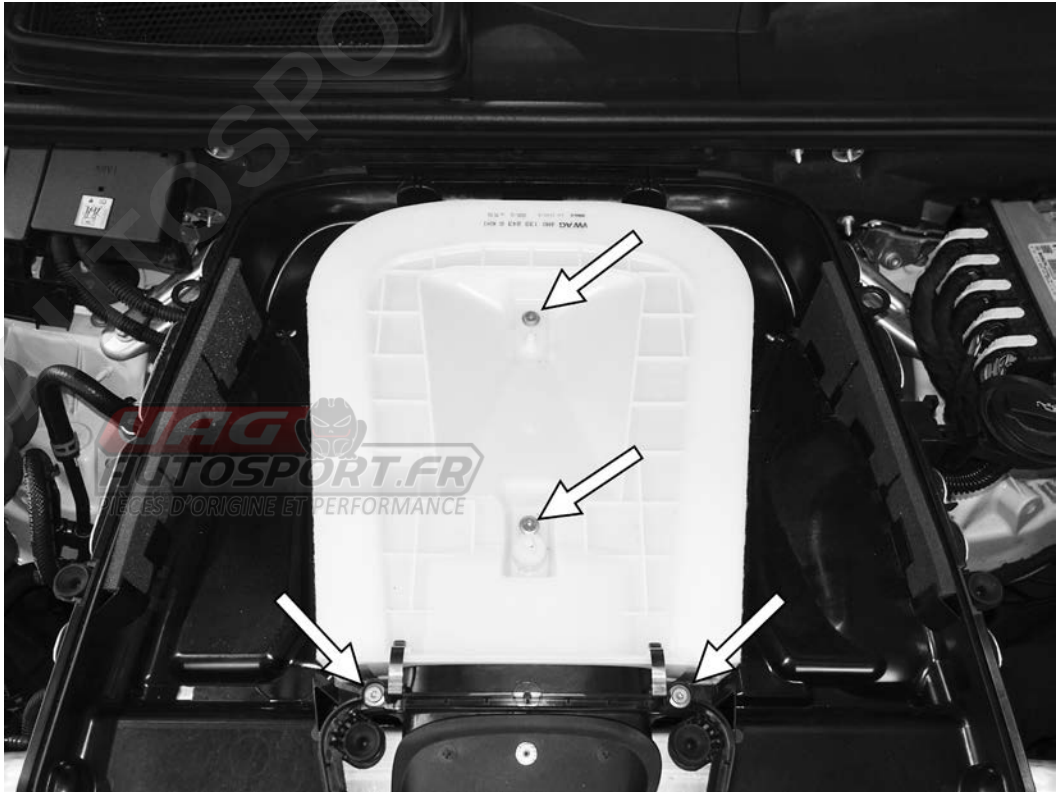
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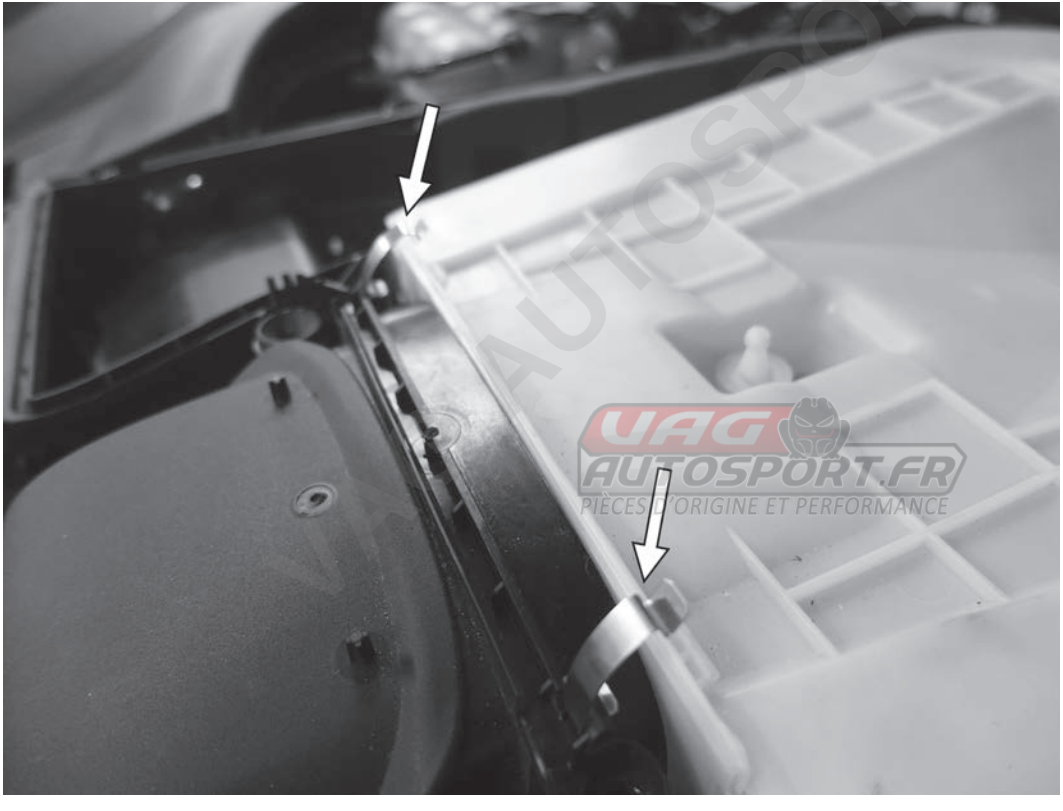
3) On the left side of the airbox, press the tab on the oil fill tube. Lift the oil fill tube up and out of the mounting point in the airbox, and place the tube aside.

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4) Remove the four T25 screws from the top of the air filter and the turbo inlet tube to the airbox.



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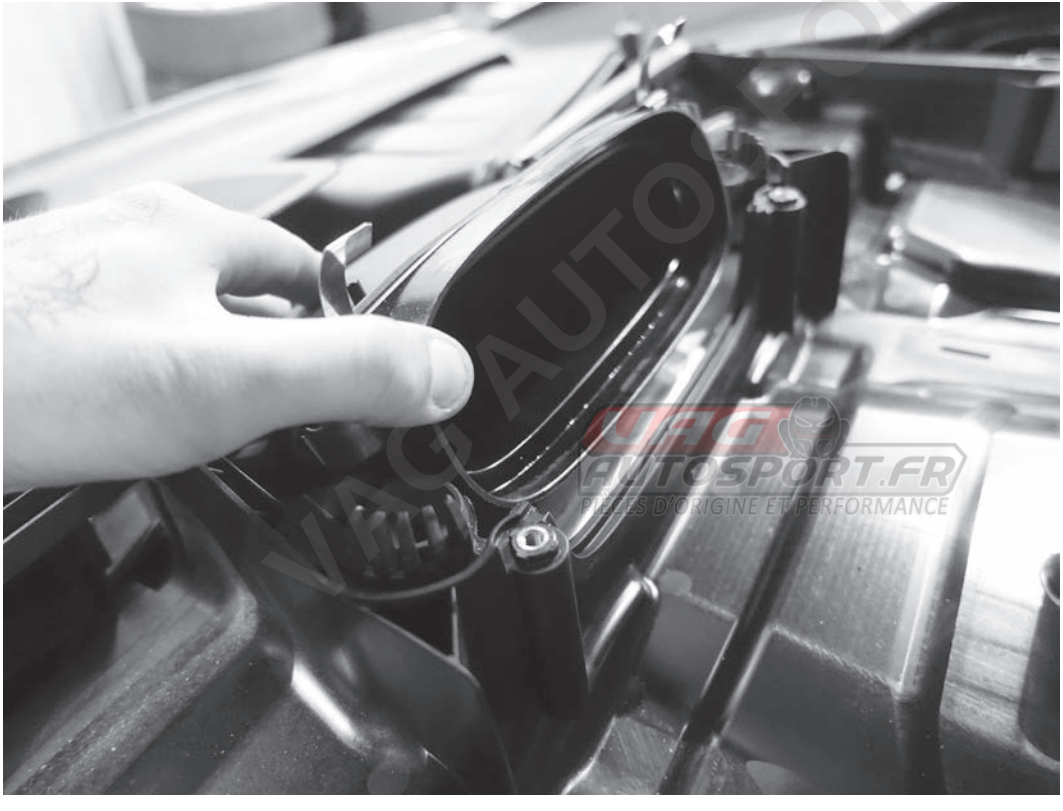
5) Unclip the factory air filter from the turbo inlet tube

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6) Press in on the sides of the inlet scoops to the airbox, and then pull the inlet scoops forward to separate them from the airbox.



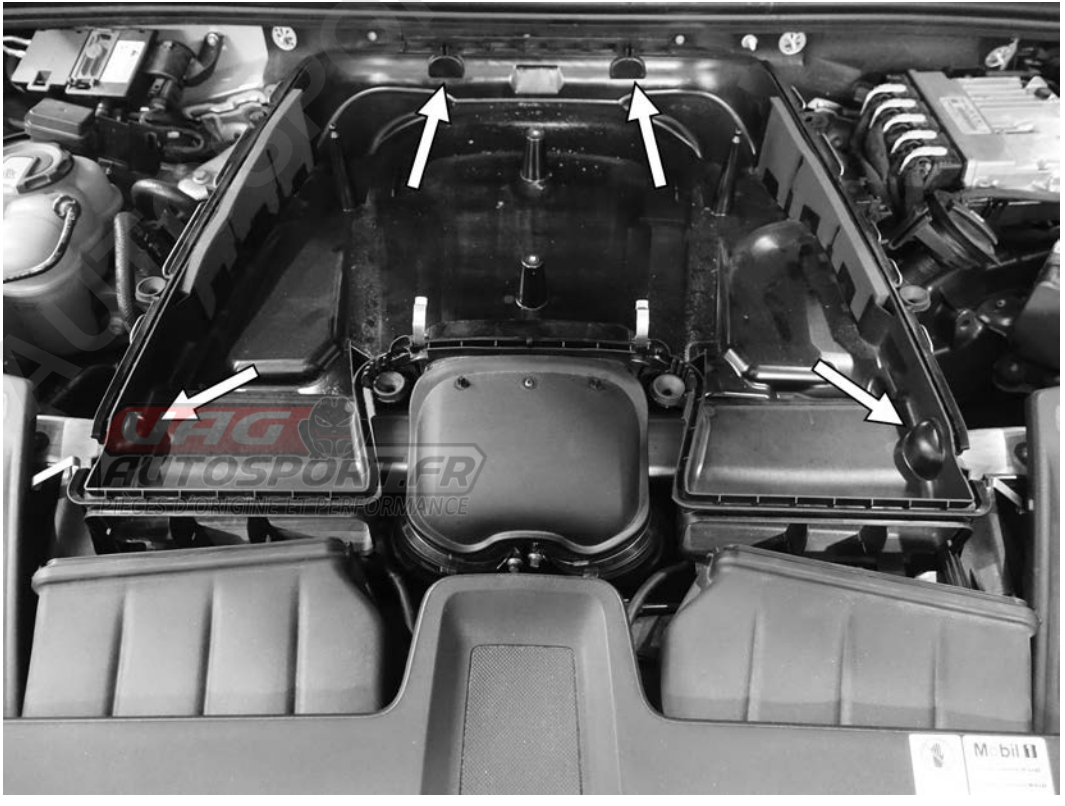
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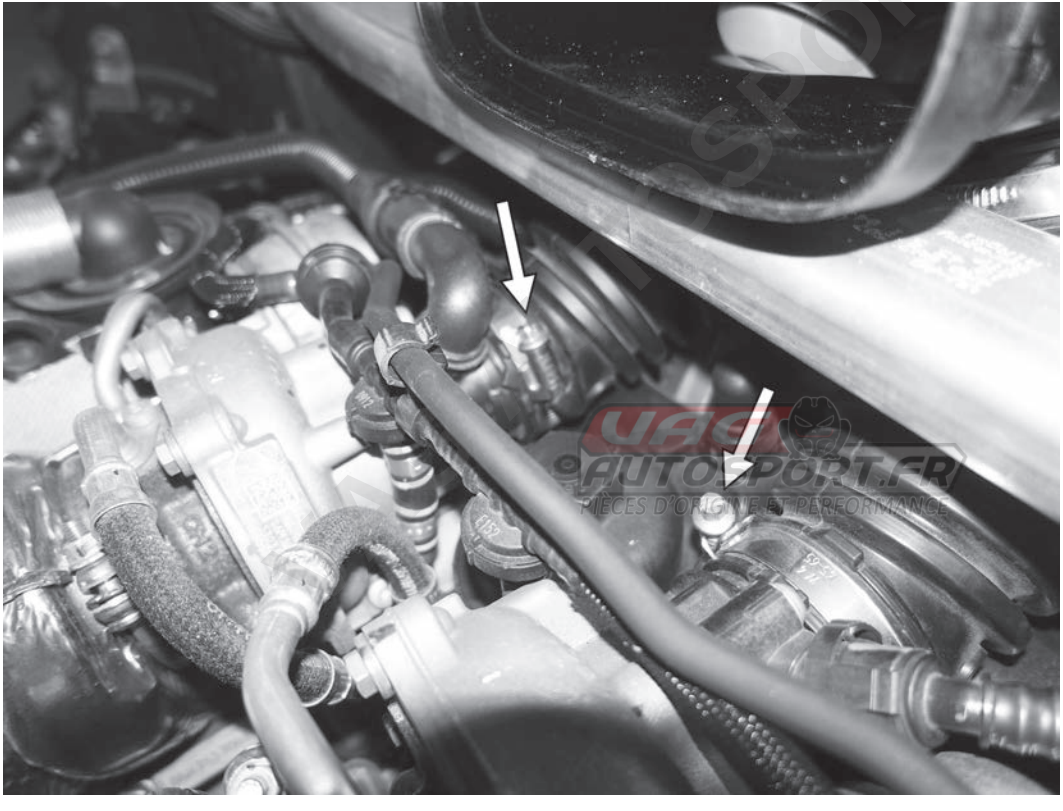
7) Lift up on the factory inlet tube to the turbo to separate the inlet tube from the airbox.

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8) Lift up on the front side to separate the airbox from its front mounting points. Then, pull the airbox forward off the two rear mounting posts. Place the airbox aside.



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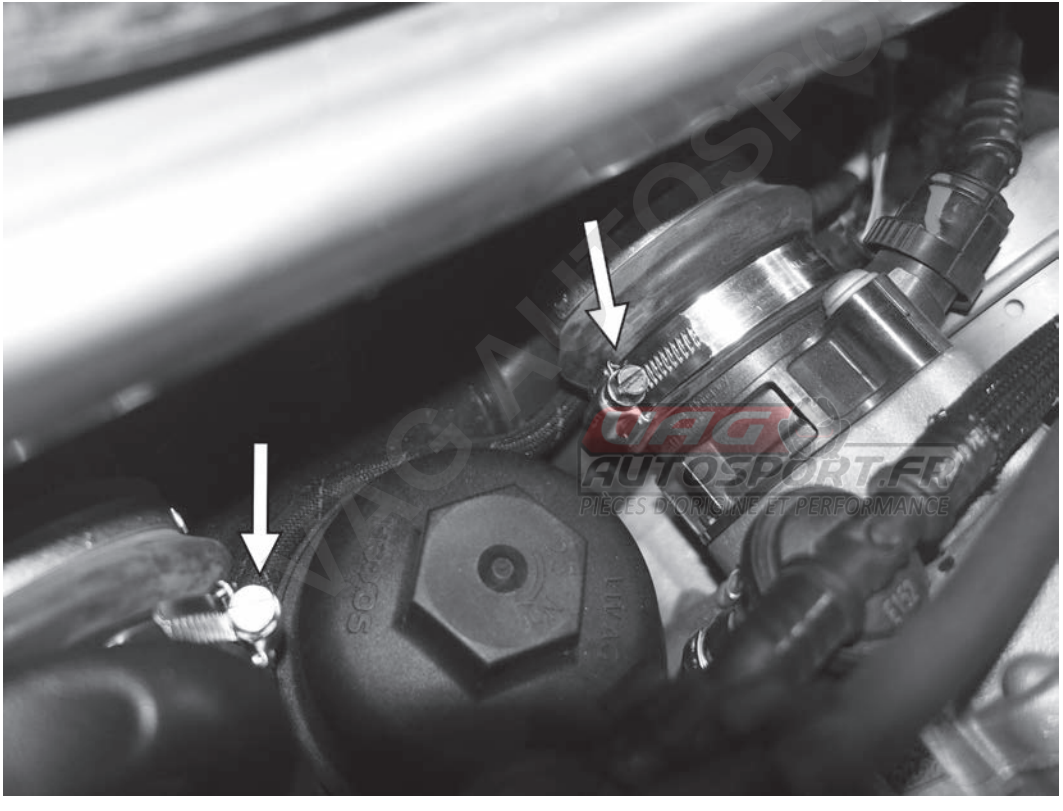


9) Loosen the two 7mm hose clamp where the factory inlet tubes connect to the turbochargers. Remove the factory inlet tube from the car.

10) Place the APR turbo inlet tube into the car, loosely attaching the rubber coupling to the turbo inlet. Position the upper side of the APR inlet tube so that it is parallel to the cross brace and not canted to the side.



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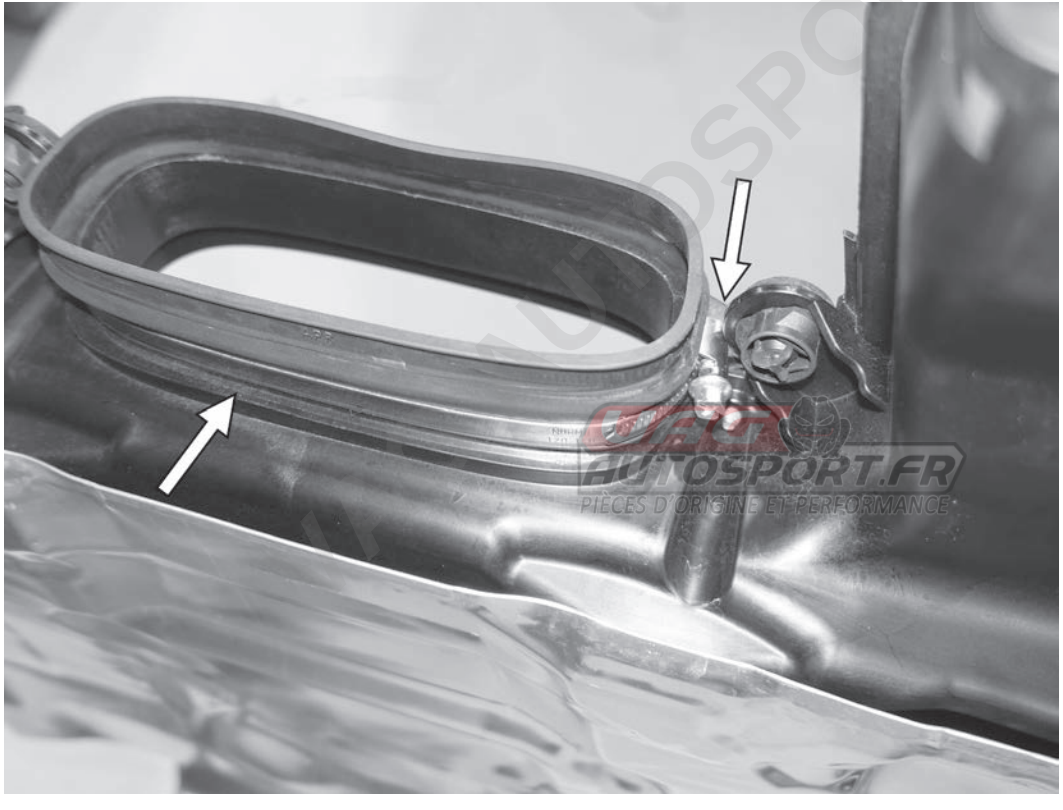
11) Once the APR inlet tube is positioned on the turbo, secure the 7mm hose clamp and tighten the hose clamp to 5Nm (44in-lbs).

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12) Make the shown assembly with the APR airbox adapter, the large supplied coupler, and one of the large hose clamps. Note the orientation and positioning of the hose clamp relative to the APR adapter.



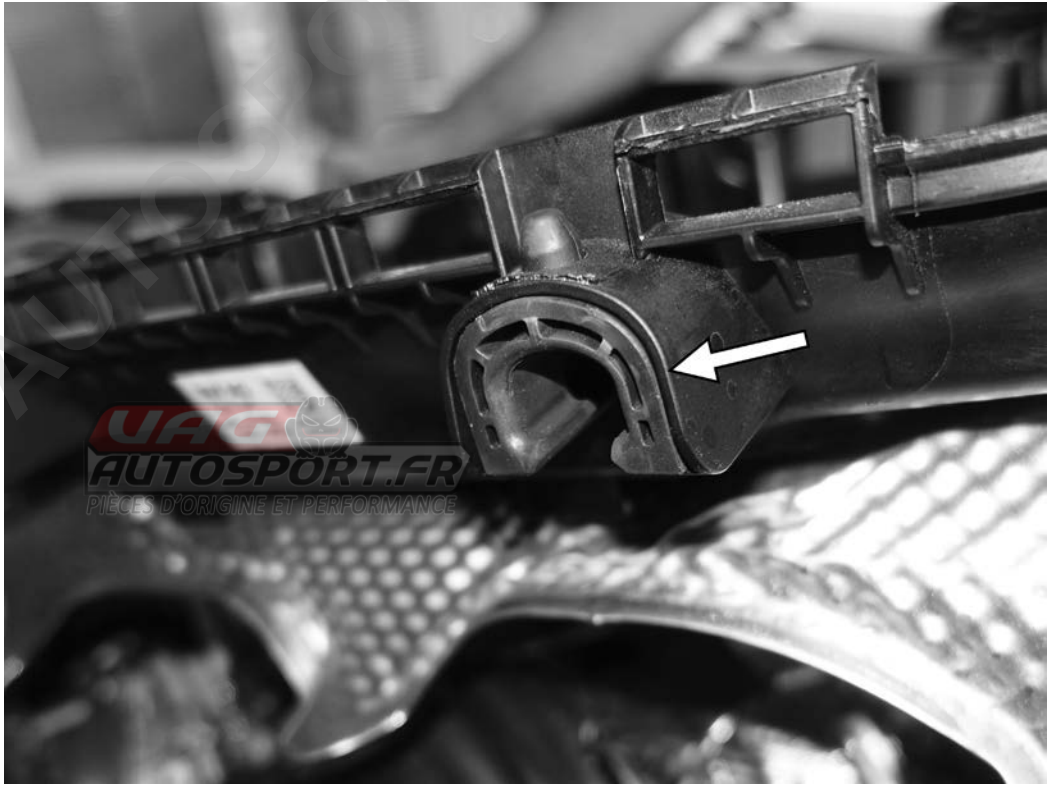
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13) Install the APR airbox adapter onto the factory airbox. Loosely install the two factory T25 screws to hold the adapter in place. Make sure the bottom side of the supplied coupler is not pinched between the airbox and the adapter. Finally, adjust the hose clamp so it does not interfere with the airbox mounts, and then tighten the 7mm clamp to 5Nm (44in-lbs).

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14) On the back of the airbox, ensure the rubber grommets on the rear mounting posts are sitting in the airbox as they should, and not turned in on themselves.



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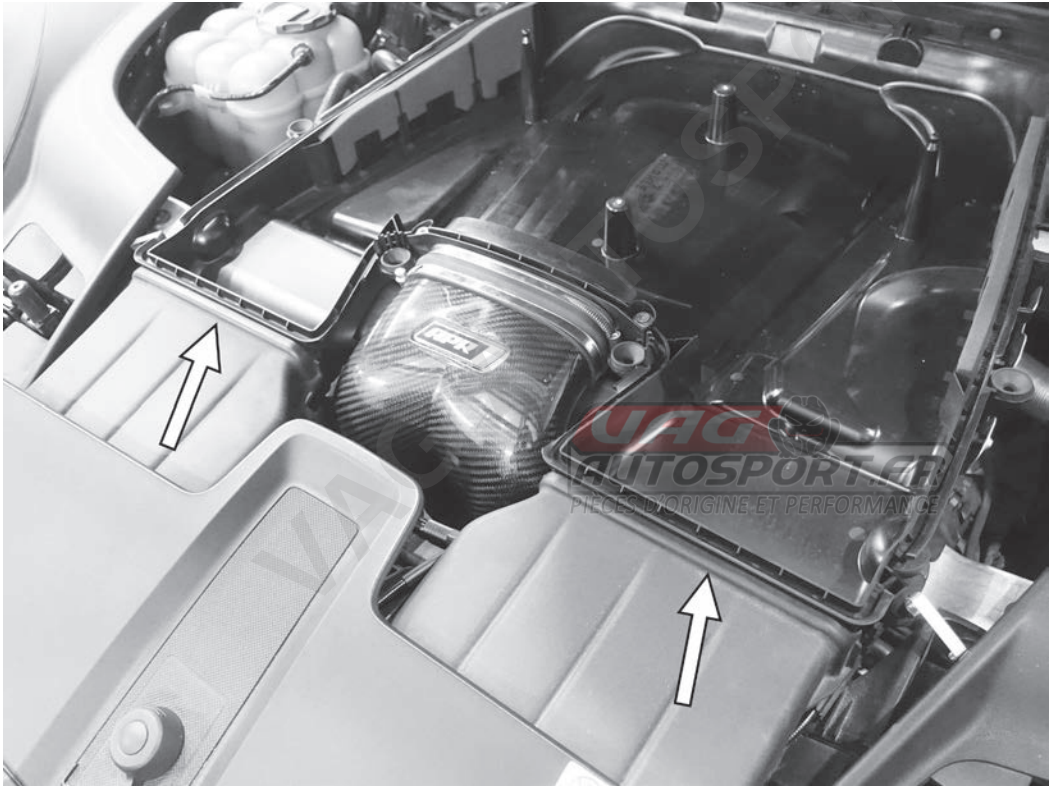
15) Place the remaining large hose clamp around the APR turbo inlet tube. Then place the factory airbox near the engine, sliding the rubber coupling from the APR adapter onto the APR turbo inlet tube. Use a plastic tool to work the rubber adapter around the outside of the APR turbo inlet tube.

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16) Slide the factory airbox onto the posts on the engine firewall, and then push the front mounts down onto the front mounting points. Then install the hose clamp onto the front of the rubber coupler, and then torque the 7mm clamp to 5Nm (44in-lbs).



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17) Reconnect the two air inlet scoops onto the front of the airbox, ensuring they are fully seated.

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18) Make sure the APR coupler is fully around the outside of the APR turbo inlet tube by verifying from the inside of the airbox.



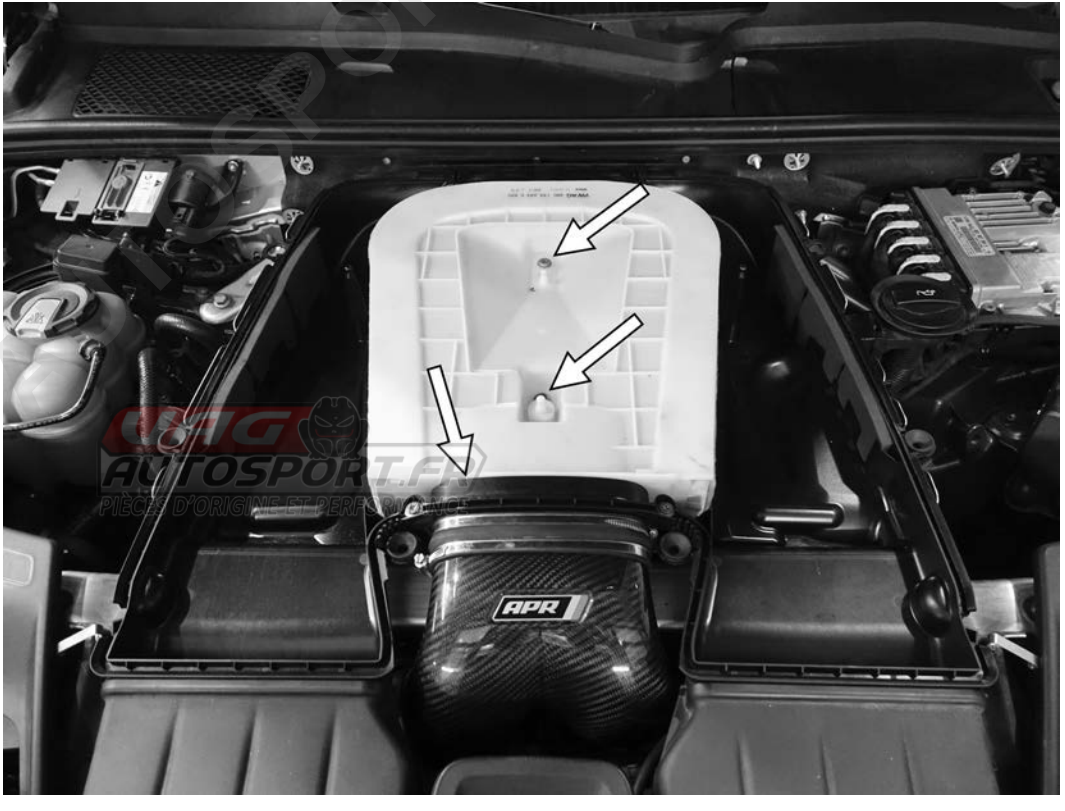
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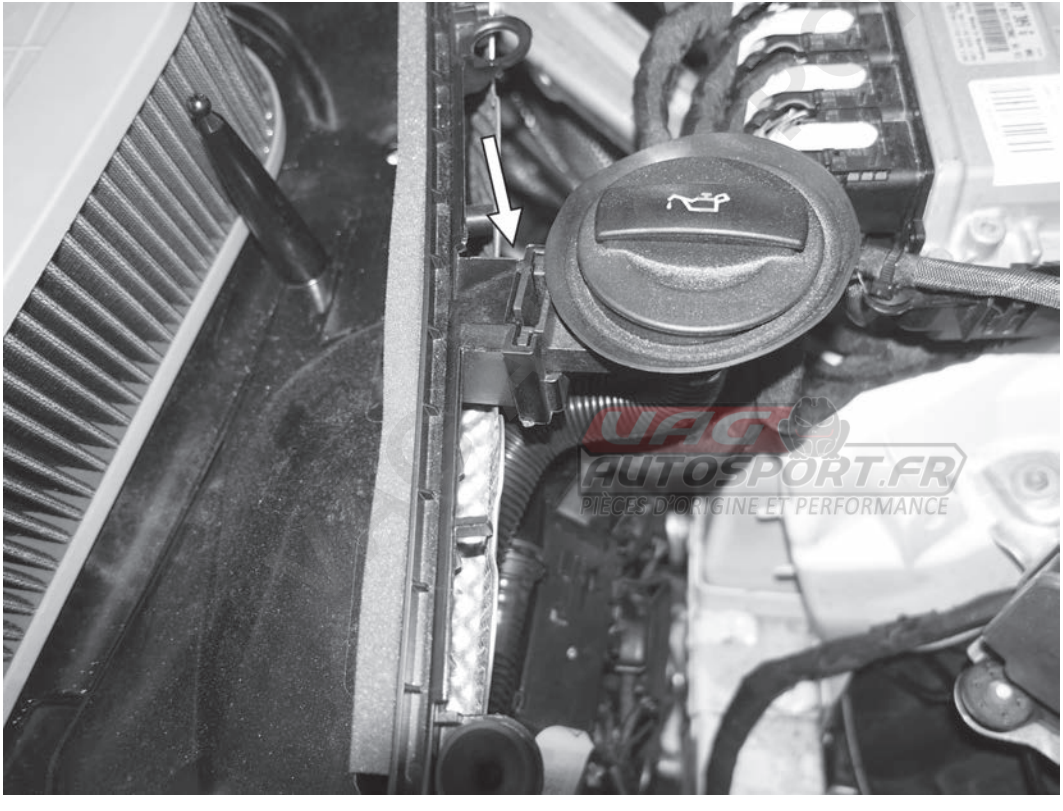
19) Install the 7mm hose clamp onto the front side of of the coupler, securing it to the APR turbo inlet tube. Tighten the clamp to 5Nm (44in-lbs). The install the two factory T25 screws, holding the APR airbox adapter to the airbox, and tighten the screws to 5Nm (44in-lbs).

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20) Place the air filter into airbox, and push it forward into the back side of the APR airbox adapter. Install the two remaining factory T25 screws into the air filter, and secure them to 5Nm (44in-lbs).



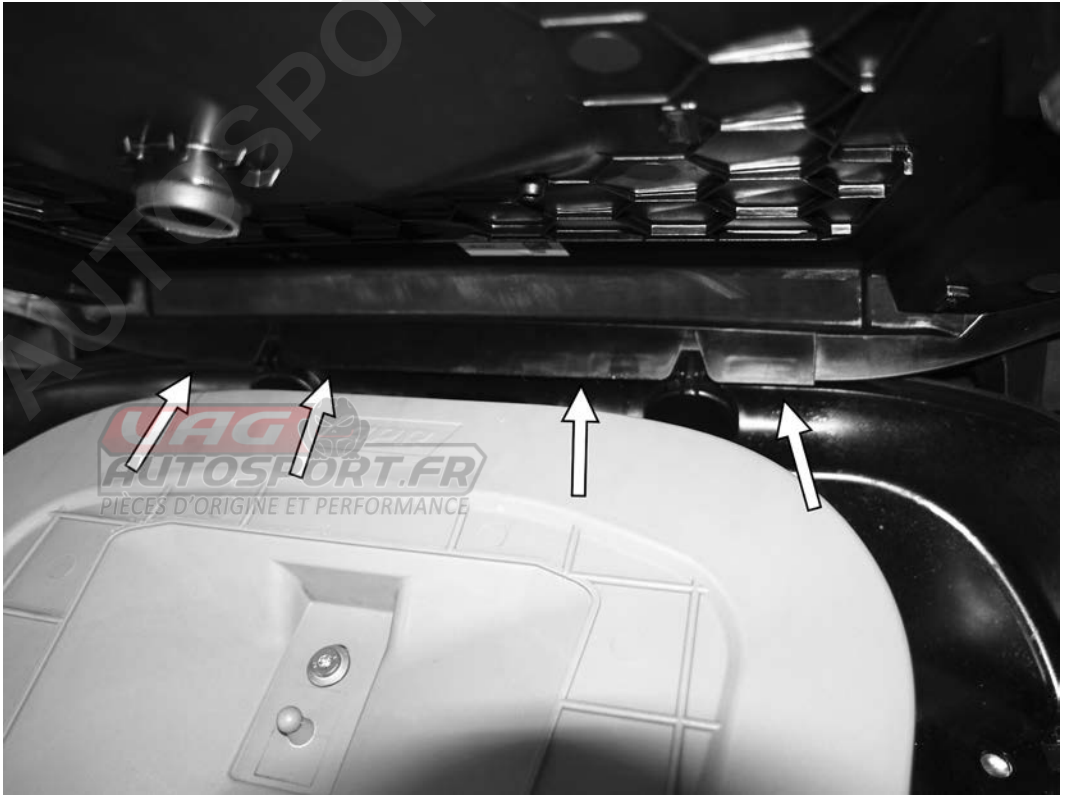
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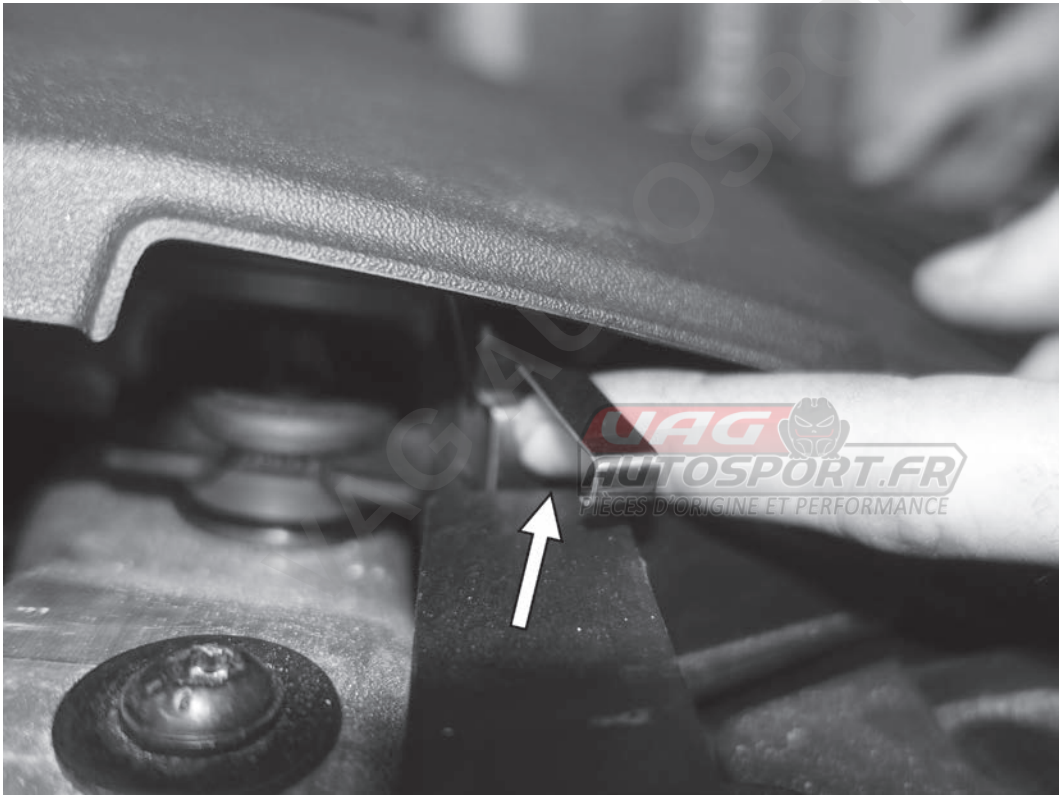
21) On the left side of the airbox, lower the oil fill tube into its mounting bracket on the side of the airbox. Push the tube down until the fill tube clicks into place.

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22) Place the airbox lid back onto the back of the airbox. Make sure the tabs on the back of the lid slide into the slots on the back of the airbox, and then lower the front side of the lid down.



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23) Reattach the airbox lid by lifting up on the securing clips on both sides of the airbox.

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