

#TL100170

INSTALLATION MANUAL

# CI100054

APR MQB Compact Open Intake

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Notes:

These instructions were written for a European specification Polo GTI, but other models like the Audi A1 are similar. If installing this intake on a car with Secondary Air Injection (SAI), you must also install CI100020-A, a SAI air filter, which is sold separately.

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.

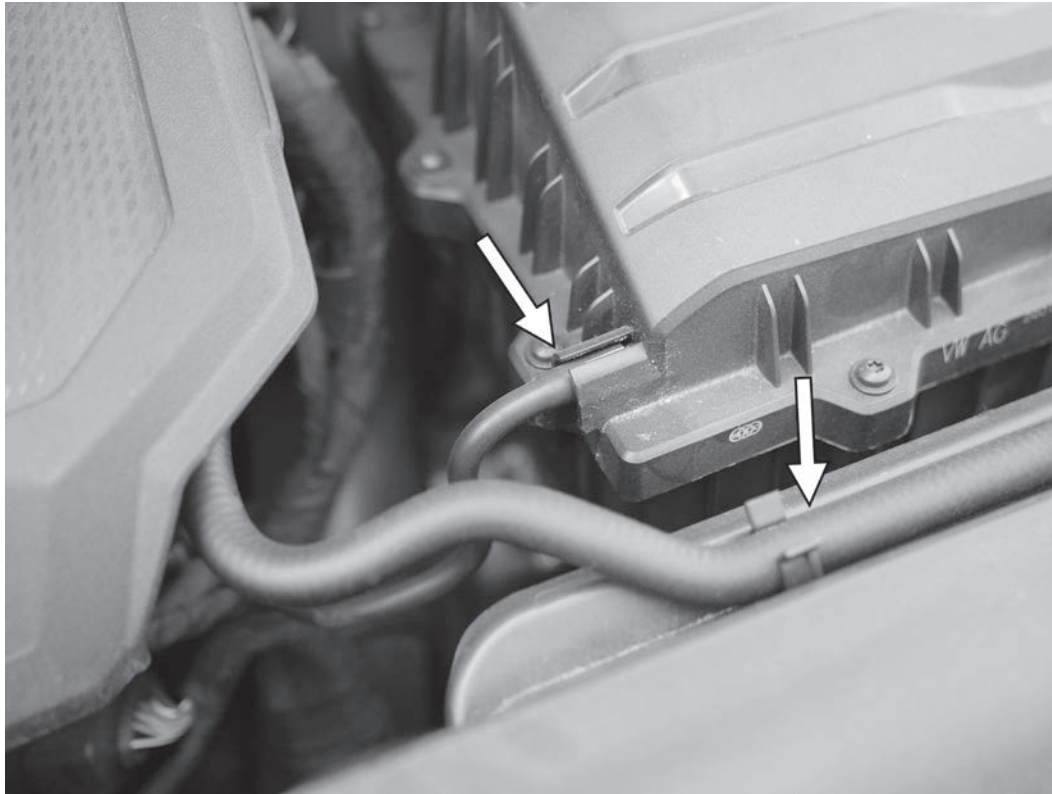


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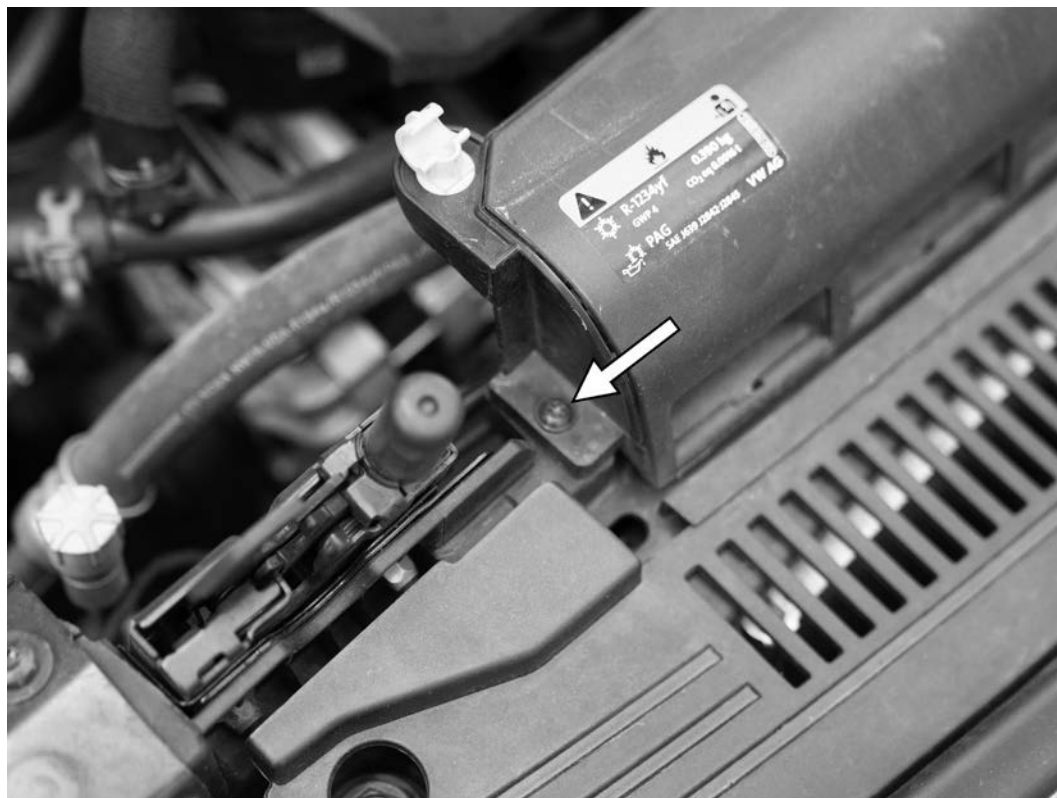
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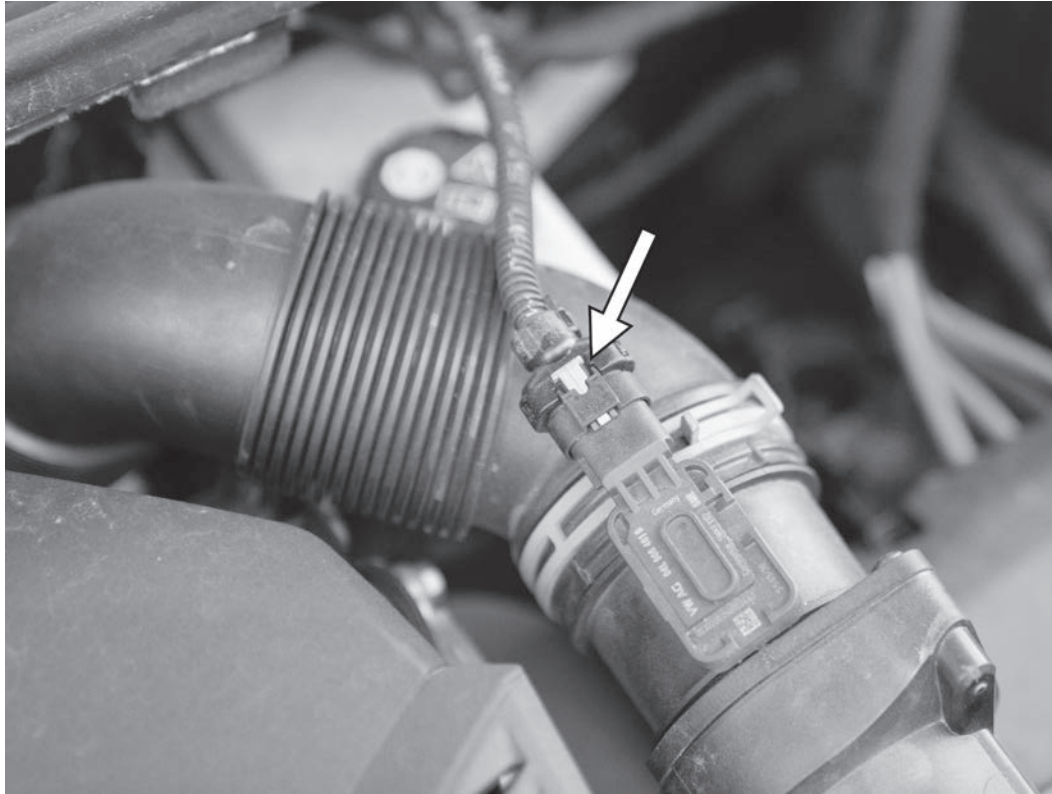
1) Disconnect the vacuum line from the side of the factory airbox. Lift the coolant hose out of the two clips on top of the factory airbox inlet.

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2) Remove the two T25 screws from both sides of the factory airbox inlet, and then remove the airbox inlet from the car.



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3) If equipped, disconnect the electrical connector to the MAF sensor. Slide the small white tab away from the sensor to unlock the connector, and then press down on the connector to release it from the sensor.

4) Squeeze the spring clamp holding the turbo inlet hose to the back of the MAF (or airbox), and separate the hose from the airbox assembly.



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5) Lift the airbox assembly up and out of the car, separating it from the mounting posts underneath.

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6) If equipped, remove the two T25 screws holding the MAF sensor to the back of the factory airbox, and separate the MAF sensor from the airbox.





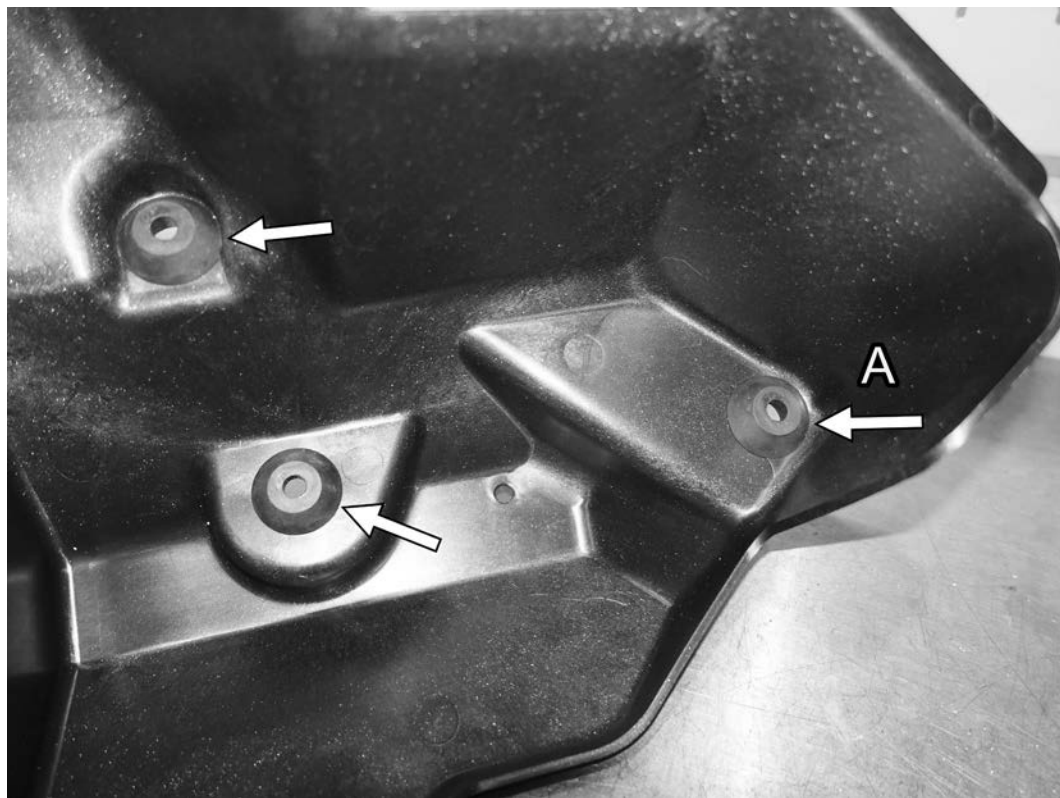
7) After removing the adhesive backing, place the APR logo in the recessed location on the top of the back of the APR heat shield.

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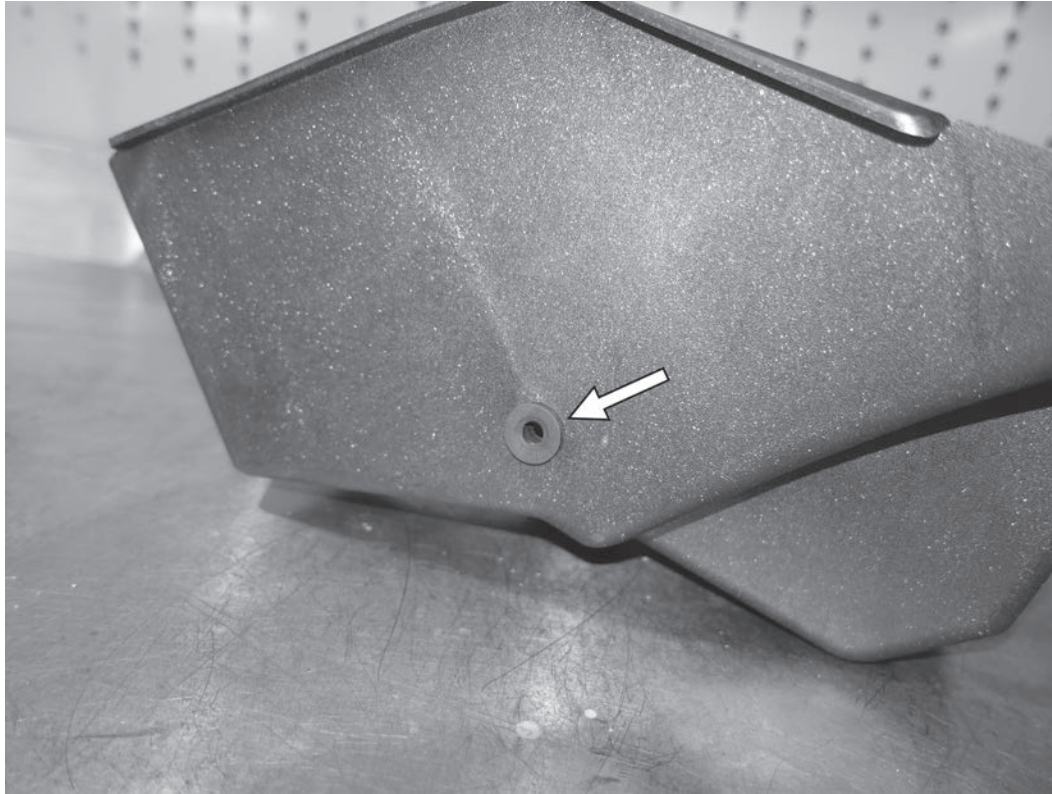
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8) Using some sort of evaporating lubricant (glass window cleaner works well), install the three large rubber mounting grommets in the bottom of the APR heat shield. If installing the intake on a Tiguan, install the one supplied, taller grommet in the location labeled "A" in the picture.



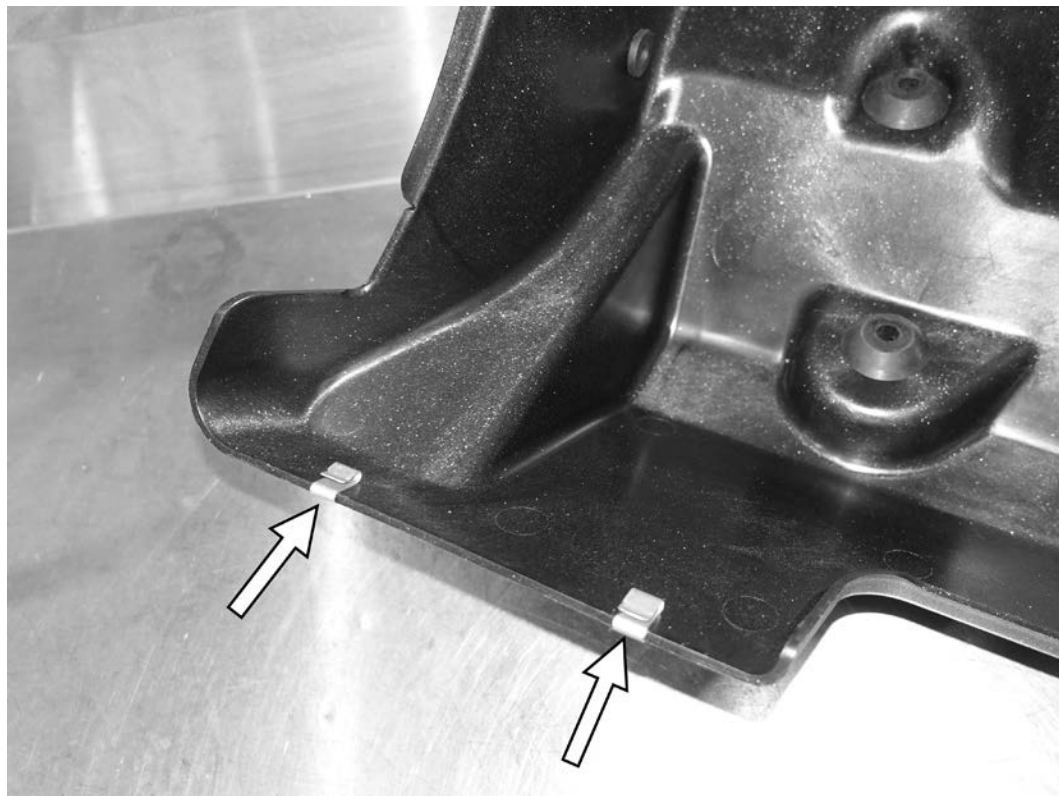
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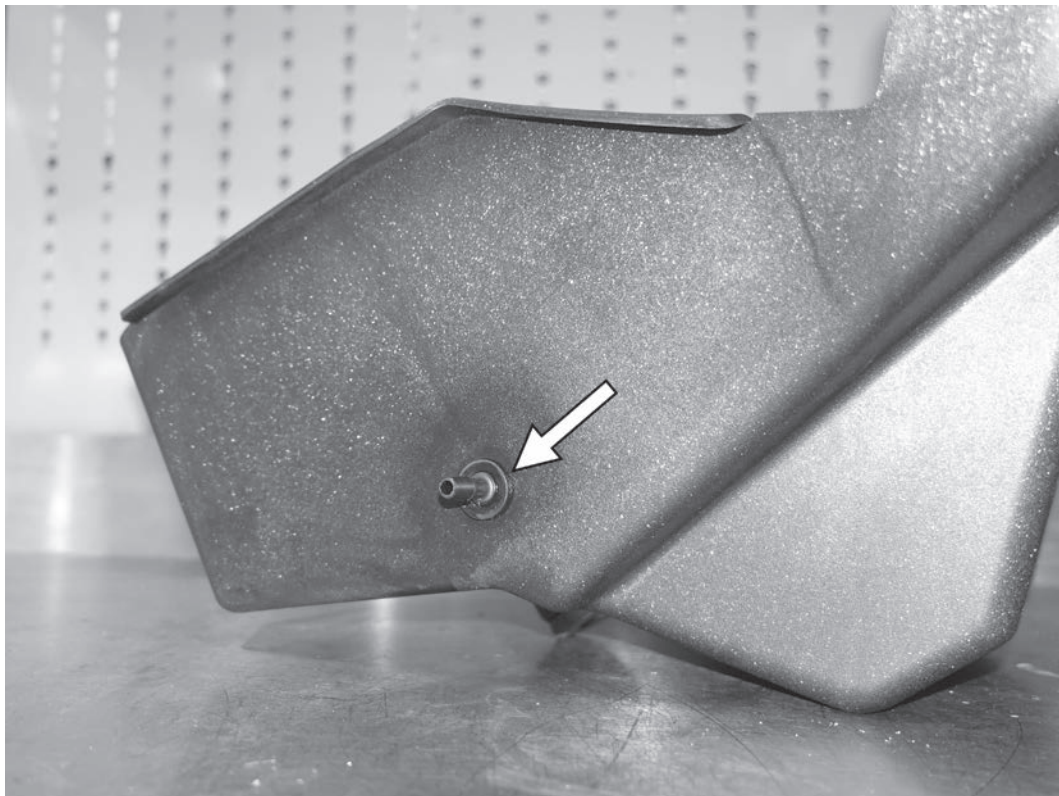
9) Using an evaporating lubricant, install the bigger of the two smaller rubber grommets into the side of the APR heat shield.

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10) Install the two metal clips onto the front of the APR heat shield, with the open side of the clips on the top. Some vehicles, like the Tiguan, will not need these clips.



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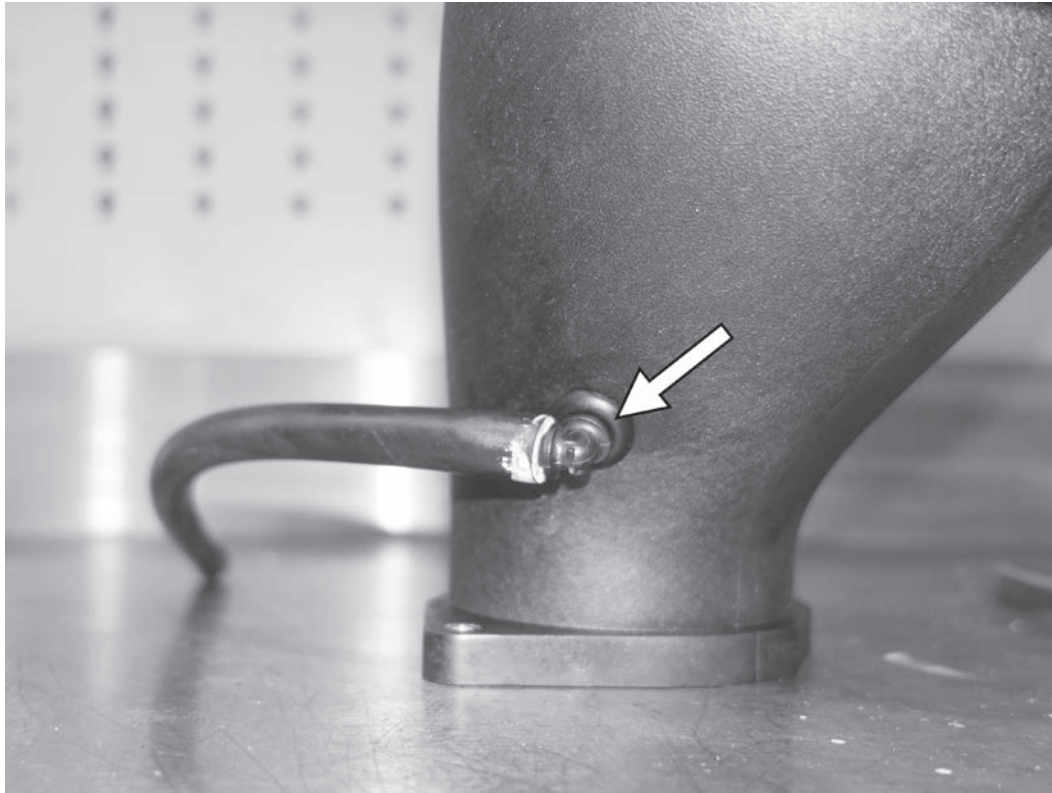
11) Install the straight barbed fitting into the rubber grommet on the side of the APR heat shield. Use

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12) Install the smallest of the rubber grommets into the hole on the side of the APR filter adapter.



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13) Install the 90° barbed fitting into the grommet on the APR filter adapter, and then install the supplied rubber hose onto the barbed fitting.

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14) Install the supplied o-ring onto the MAF sensor as shown. This will be the side of the MAF sensor that goes into the APR filter adapter. If the car does not have a MAF, install the o-ring on the APR MAF adapter in the same manner.

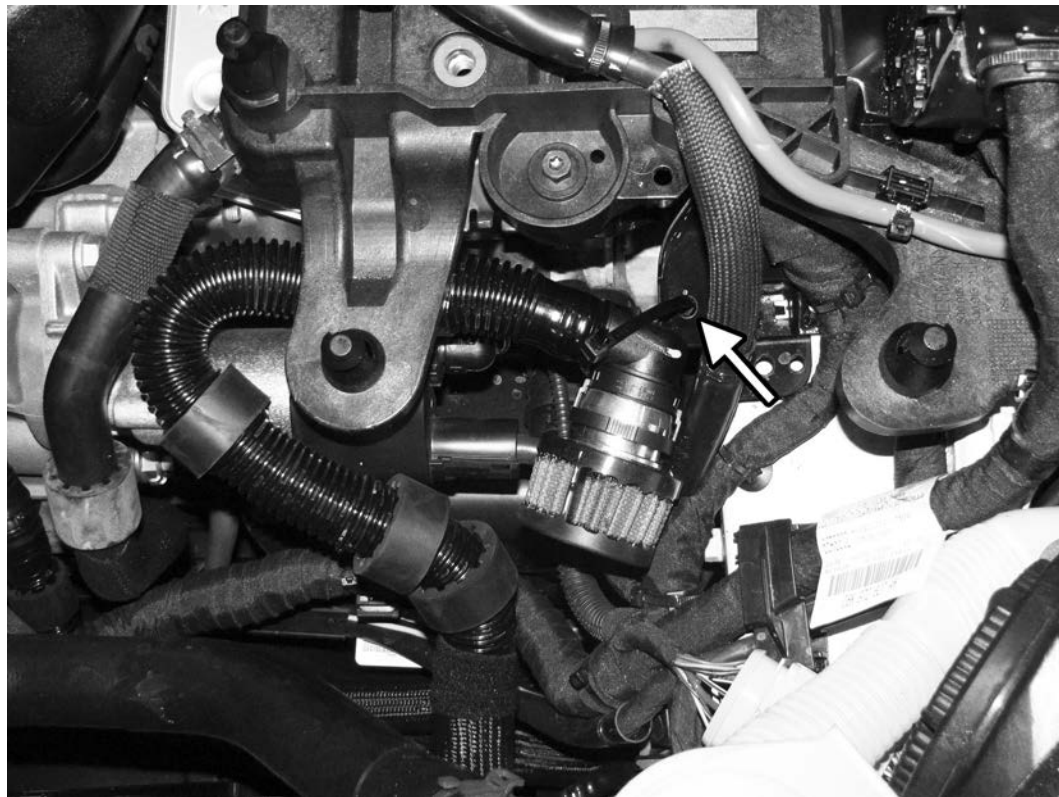




15) Place the MAF sensor or the APR MAF adapter into the back of the APR heat shield. Orient and install the APR filter adapter onto the MAF sensor from the other side of the heat shield.

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16) If equipped with Secondary Air Injection, install the secondary air filter (CI100020-A, sold separately) on the car. Snap the secondary air filter to 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.



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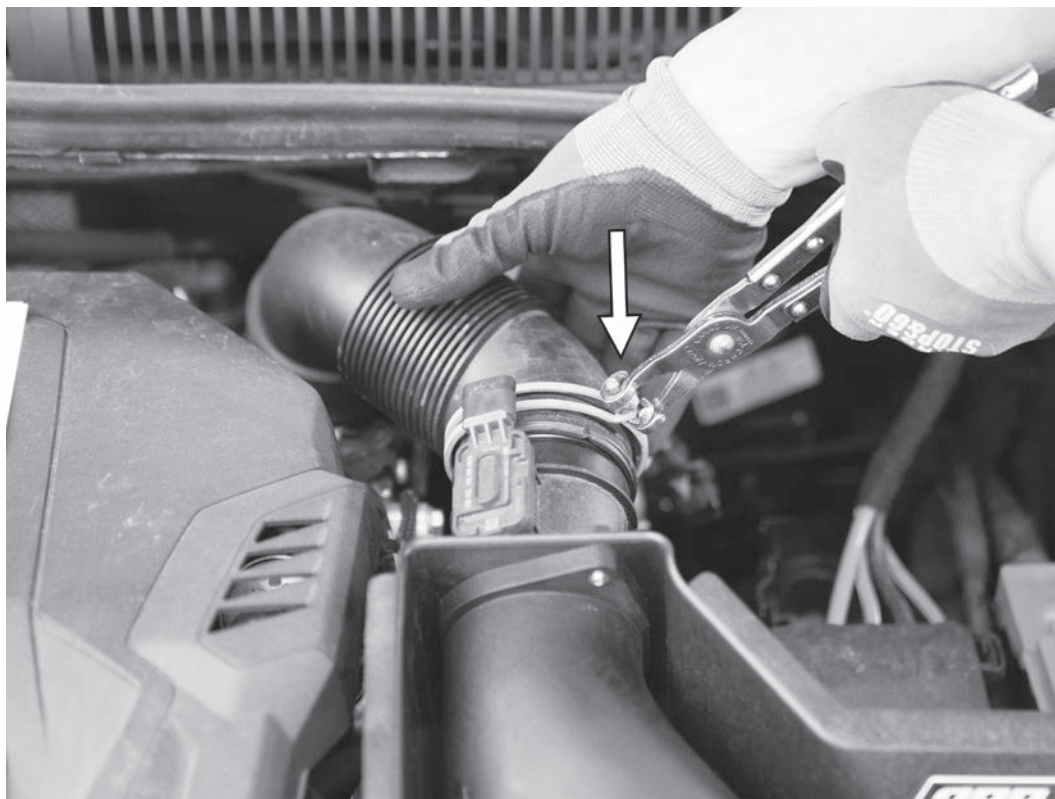
17) Connect the rubber hose from the APR filter adapter to the straight barbed fitting on the inside of the APR heat shield.

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18) Place the APR airbox assembly into the car, making sure the three rubber mounts connect with the three factory mounting posts on the car.



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19) Reconnect the turbo inlet hose to the back of the MAF (or the APR MAF adapter) and secure with the factory spring clamp.

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20) If equipped, reconnect the electrical connector to the MAF sensor. Be sure to slide the white tab on the connector forward to lock the connector in place.

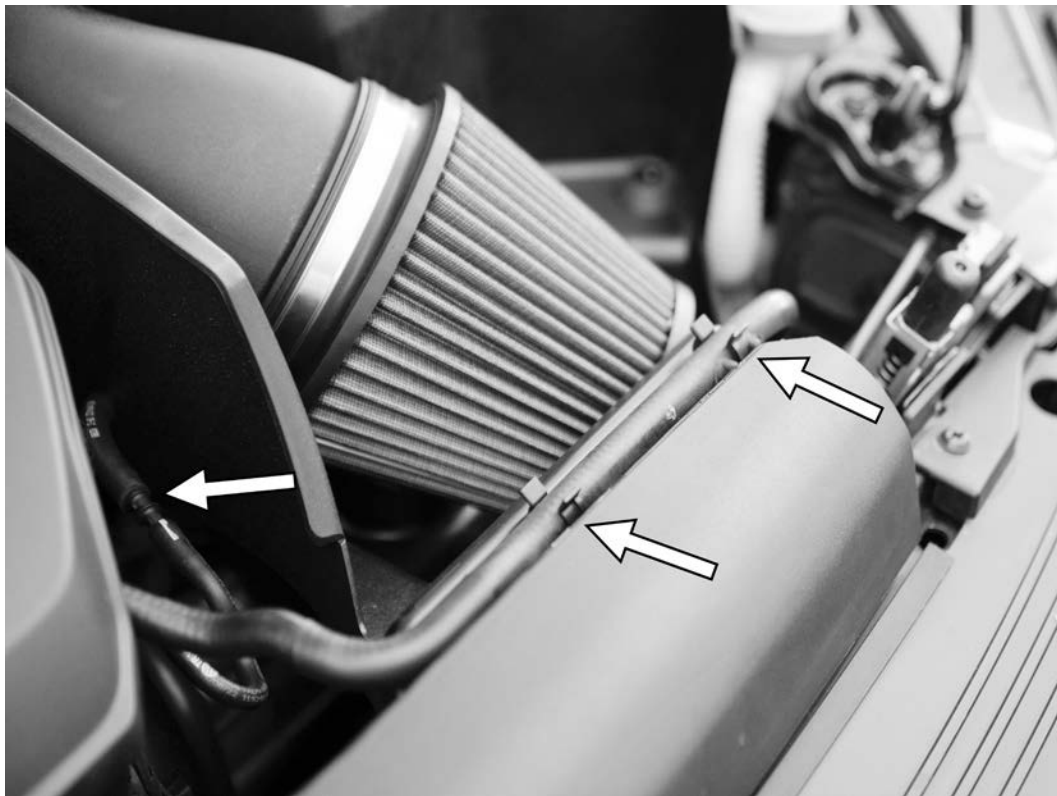


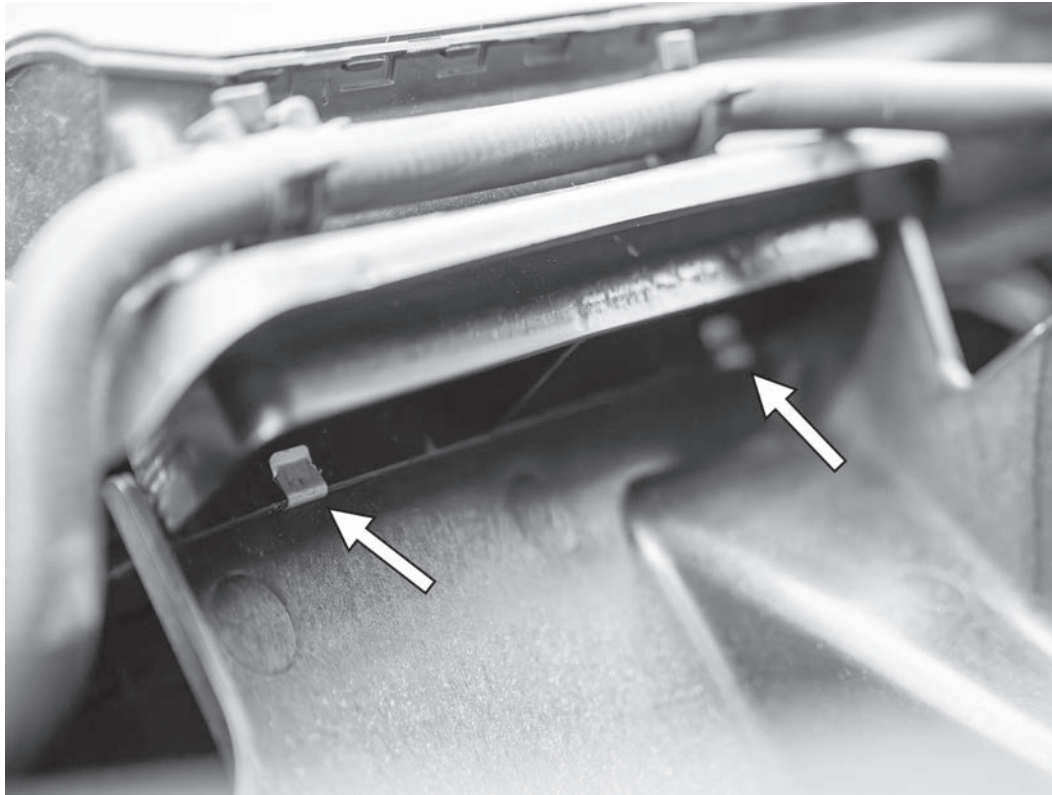


21) Reinstall the factory airbox inlet, securing it with the two original T25 screws.



22) Reattach the coolant hose into the two clips on top of the factory airbox inlet. Connect the factory vacuum line that went to the side of the factory airbox onto the straight barb fitting on the side of the APR airbox.





23) Connect the two metal clips on the front of the APR heat shield to the bottom of the factory airbox inlet. Again, some vehicles like the Tiguan, will not need these clips.

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24) Once the APR intake is installed, be sure to clean a visible location under the hood and affix the supplied sticker in order to aid inspection of the vehicle under the California Smog Check program.



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