

#TL100165

INSTALLATION MANUAL

CBK0054,58

APR 992 Catback Exhaust

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Notes:

These instructions were written for a North American specification 992 Carrera GTS, 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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4800 US HWY 280 West Opelika Alabama 36801

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1) Place the car on a lift or jack-stands and remove both rear wheels.

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2) Raise the rear boot lid and raise the rear spoiler.



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3) Pop out the plastic panels on both sides of the rear decklid spoiler.

4) Remove the six T30 screws from the rear center taillight.



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5) Pull the center taillight straight back a few inches from the car, exposing the electrical connectors. Disconnect both electrical connectors from either side of the center taillight and remove the taillight from the car.

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6) Remove the four (two on each side) T30 screws from both rear side taillights. Note the spacer on the two outer screws.



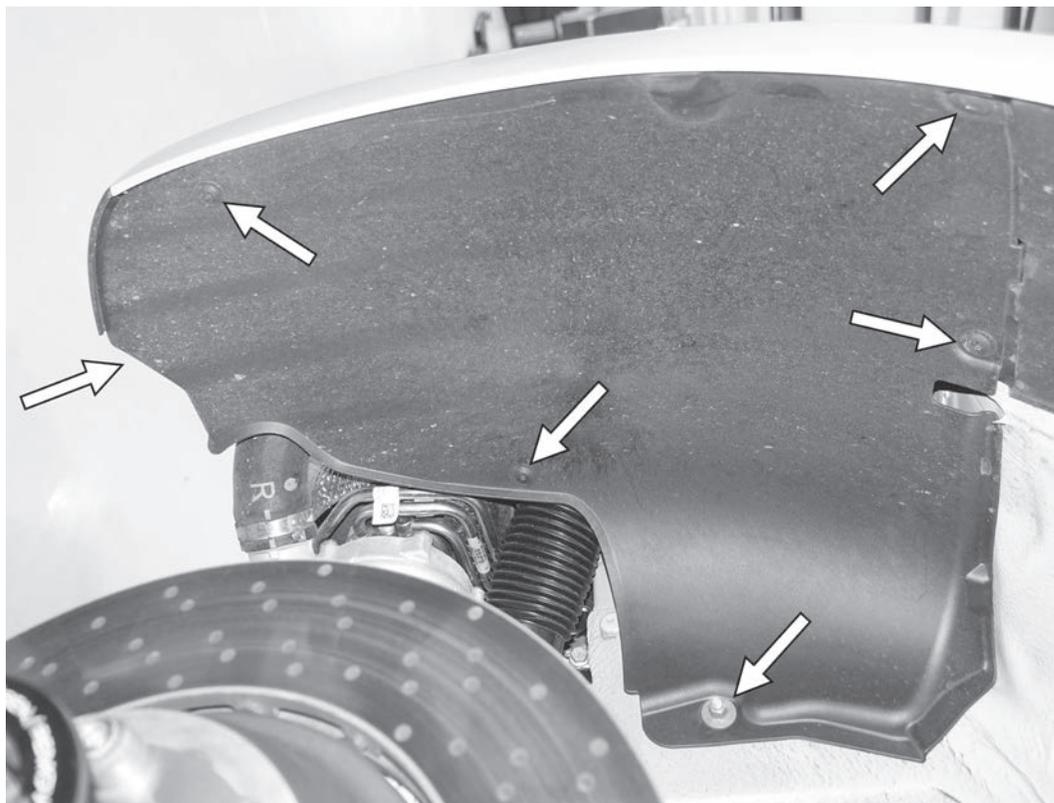
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7) Pull both side taillight back slightly, and then disconnect the electrical connector from each light. Remove the lights from the car.

8) Remove the four T30 screws along the top of the bumper cover. Leave the two outer screws slightly in to hold the bumper in place.





9) On the rear lower fender liner, remove the four T25 screws, the one T30 screw (underneath), and the one 10mm nut. Remove the rear lower fender liner from the car. Repeat on the other side of the car.

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10) Remove the three T30 screws holding the bumper cover to the airbox frame. Repeat on the other side of the car.



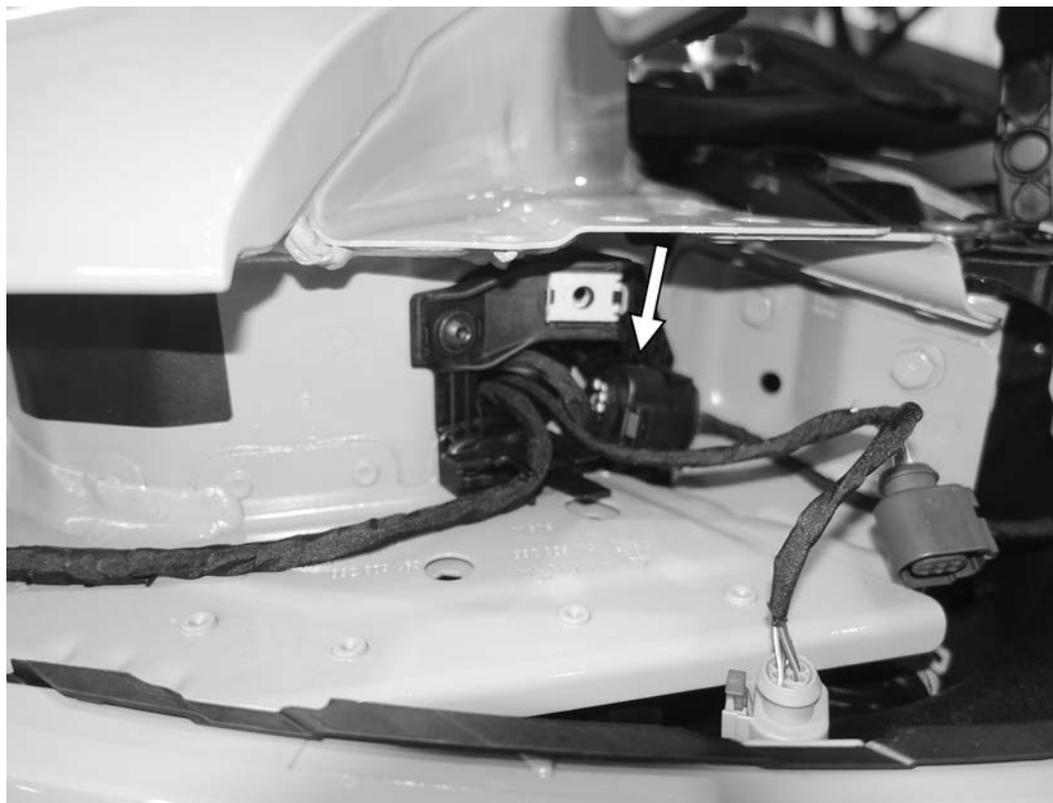
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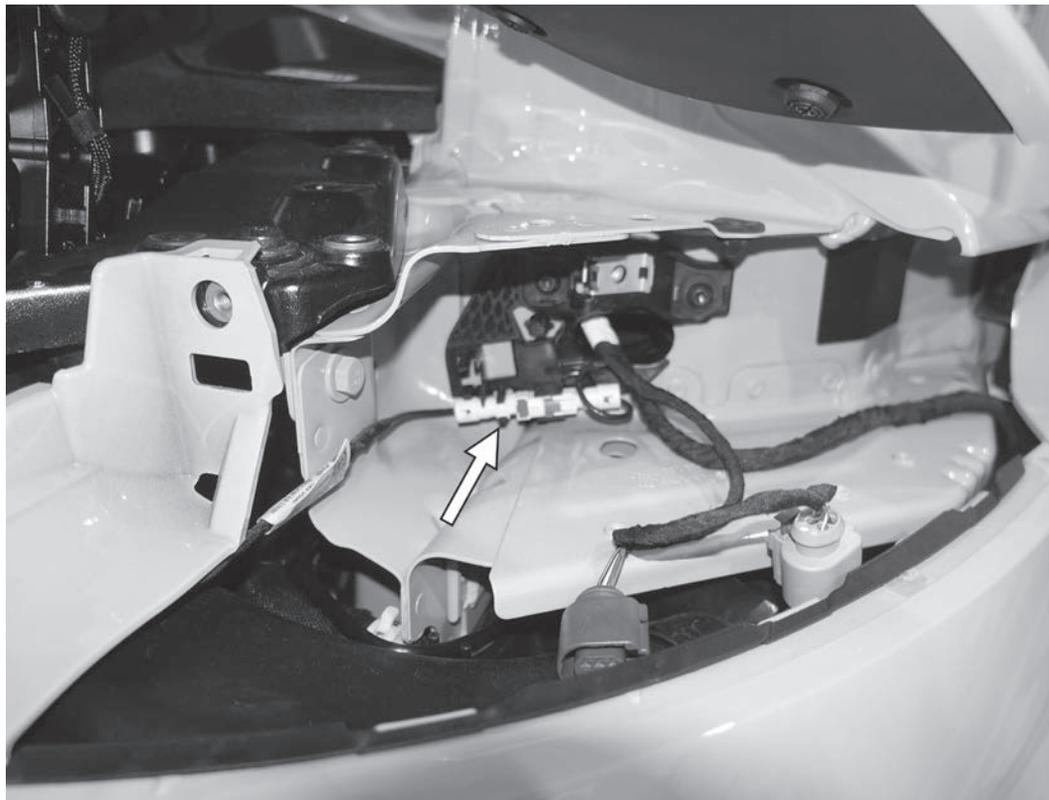
11) Remove the eight T30 screws from the bottom of the rear bumper. Note the placement of each screw and where it is located in the bumper.

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12) Disconnect the left side of the rear bumper wiring harness from where the left taillight was. From this step on, do not turn on the ignition of the car, or the sensors may have to be recalibrated.



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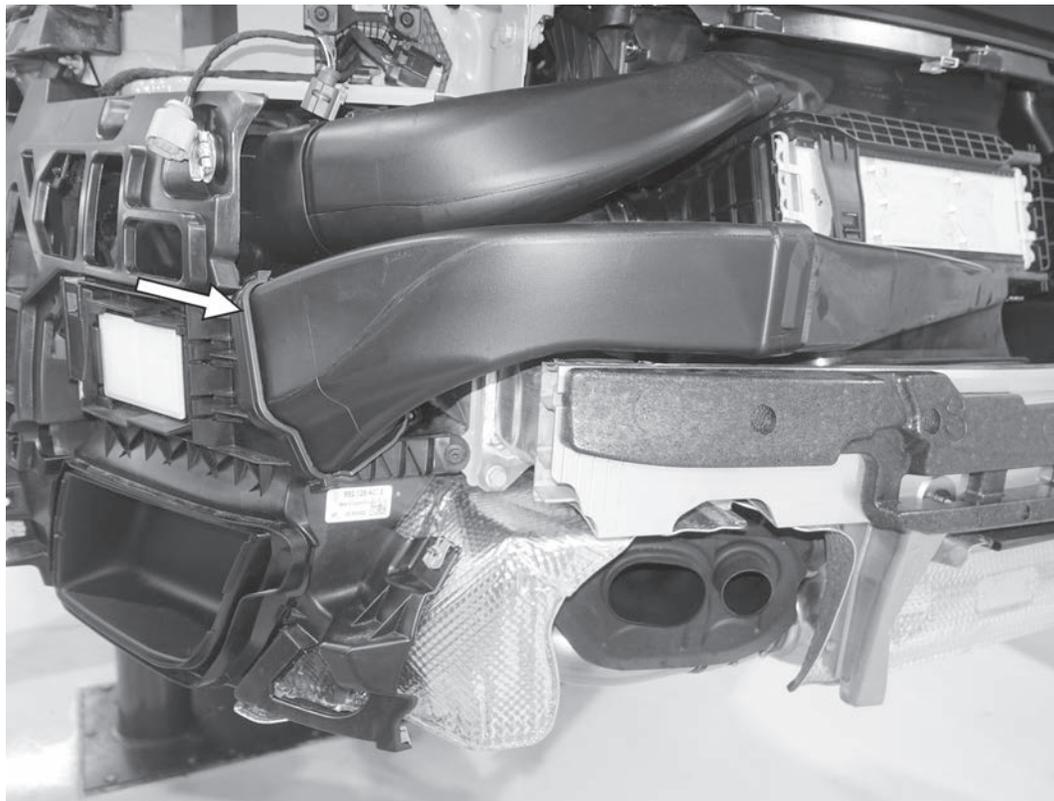


13) Disconnect the right side of the rear bumper wiring harness from where the right taillight was. Some cars may have more or less electrical connectors depending on the vehicle options.

14) With an assistant, remove the previously loosened silver screw holding the side of the bumper cover in place. Pull the side of the bumper cover away from the bumper guide clips on the rear fender, and then remove the rear bumper cover from the car.



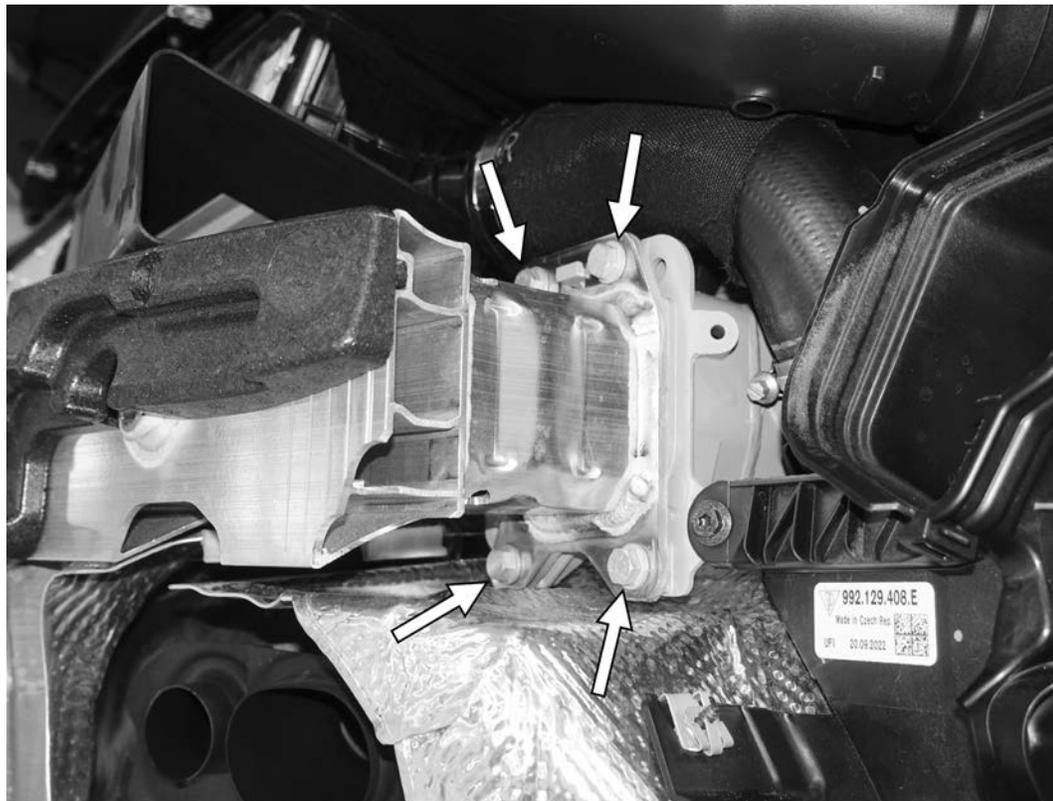
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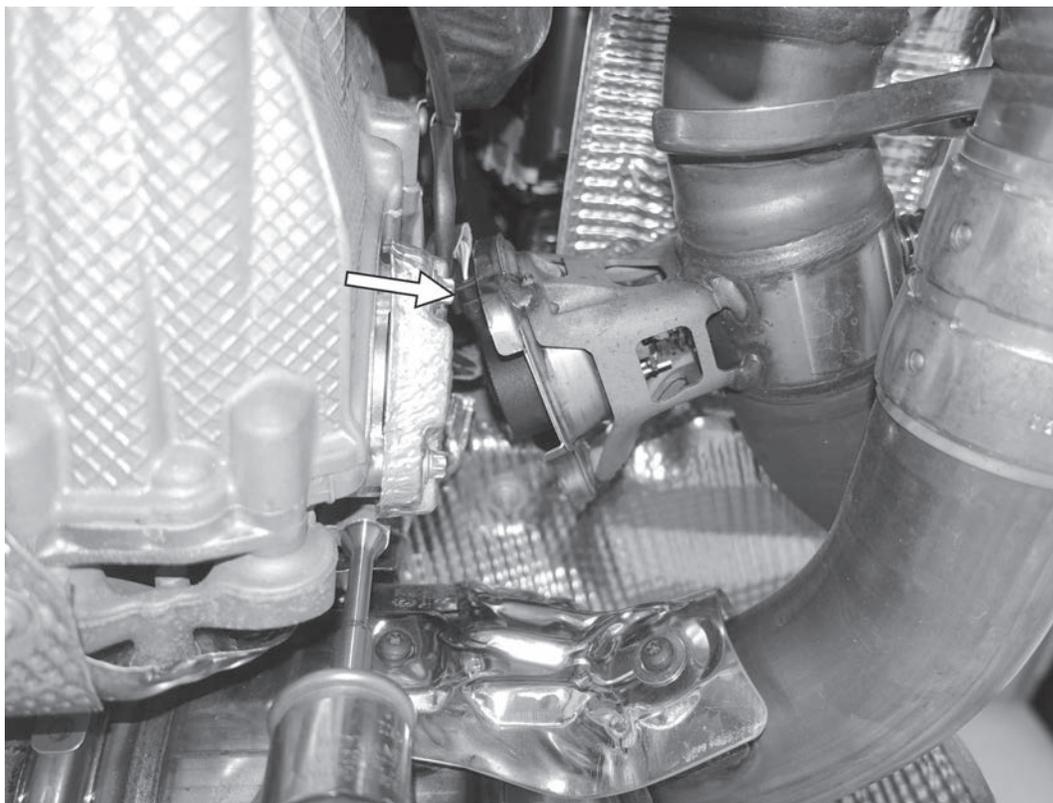
15) Pull the lower intercooler air duct back from the airbox frame and then remove the duct from the car. Repeat on the other side of the car.

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16) Remove the eight 13mm bolts (four on each side) from the rear crash beam bar. Remove the crash beam from the car by first lifting up slightly on the crash beam, and then pulling it back from the car.

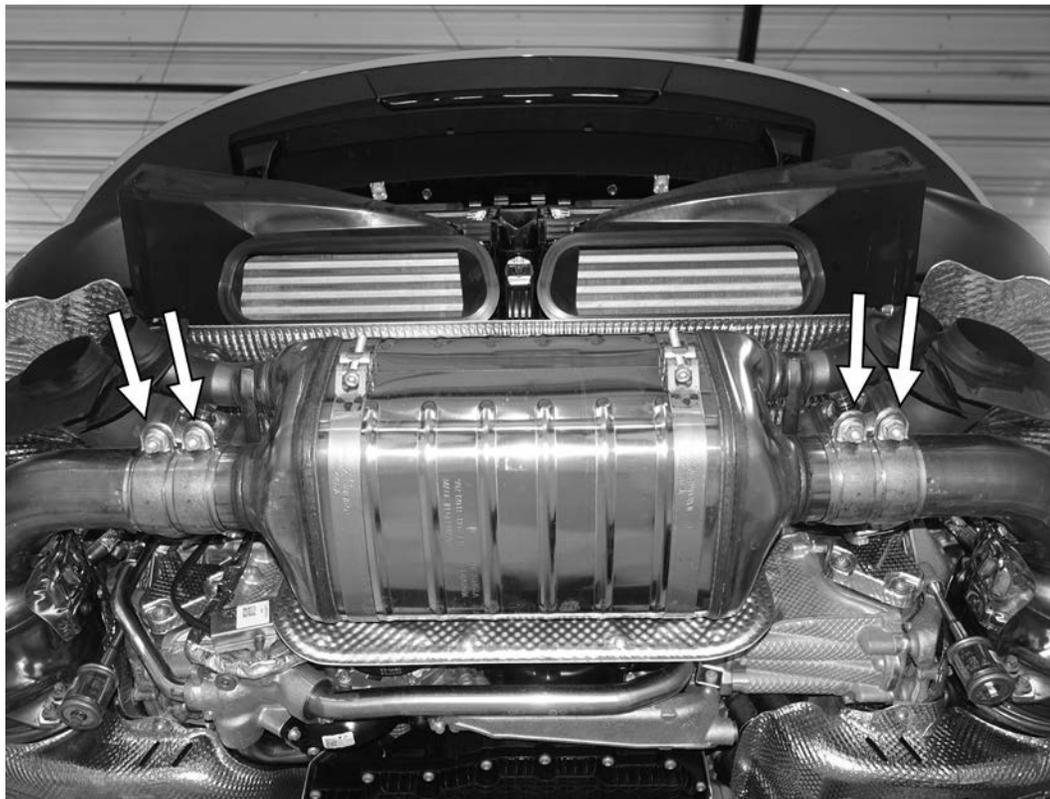


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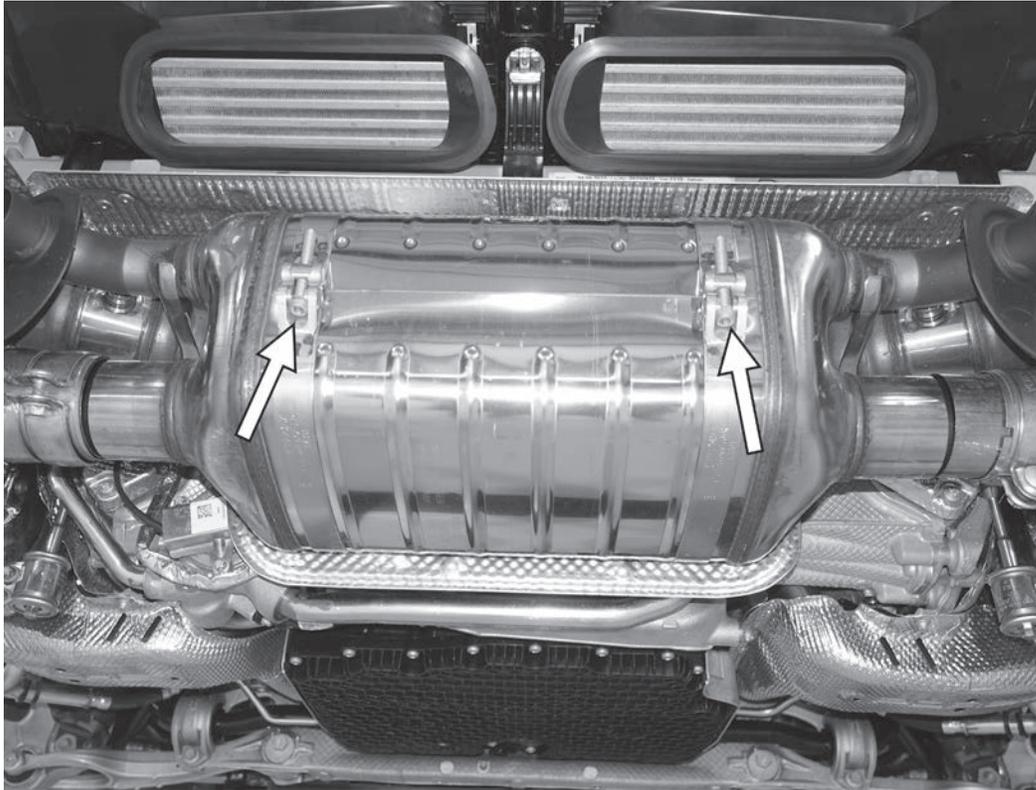


17) Disconnect the electrical connector from the exhaust valve motor. Repeat on the other side of the car.

18) Loosen the four 13mm nuts to loosen the two exhaust sleeve clamps to the rear muffler.



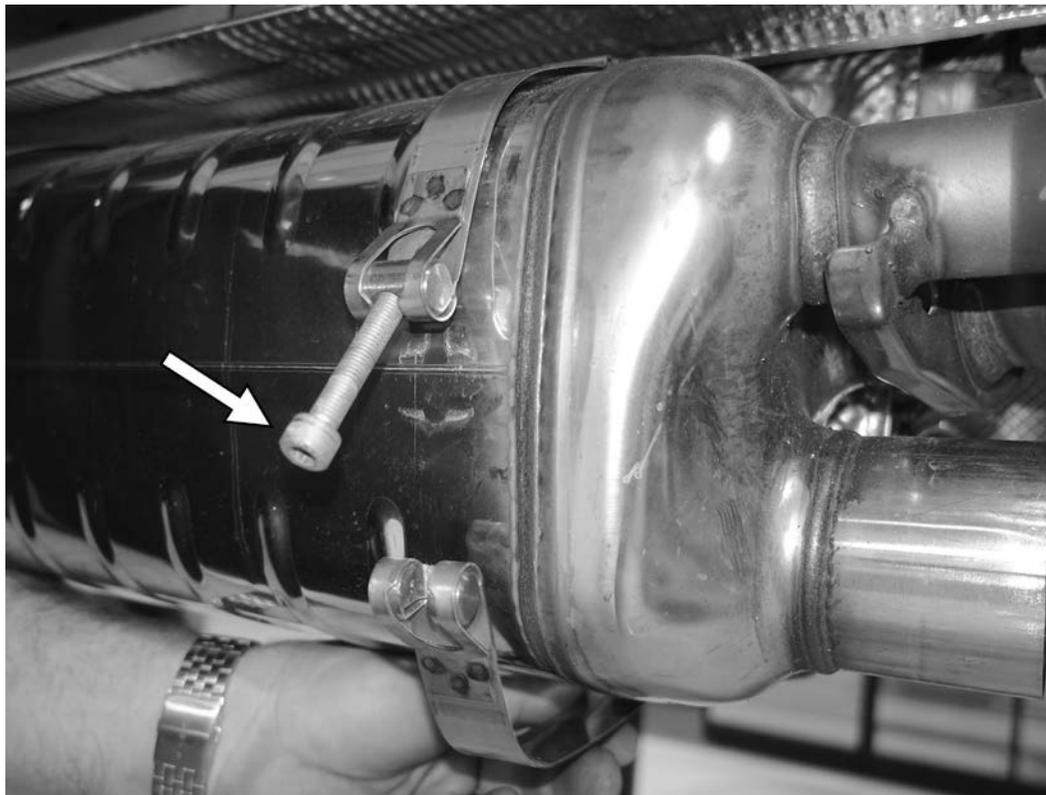
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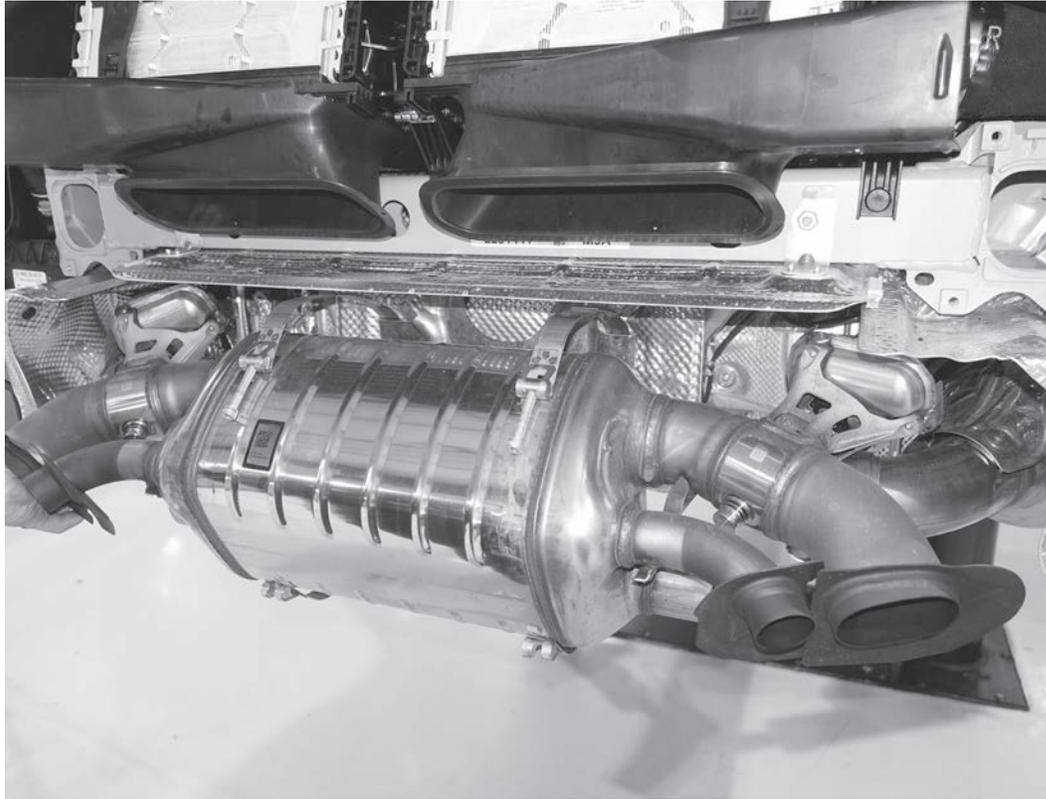
19) Loosen the two 6mm allen screws on the two rear muffer straps.

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20) Once loose, push up on the bottom of each muffler strap. Flip the bolt out of the lower side of the strap to disconnect both strap.



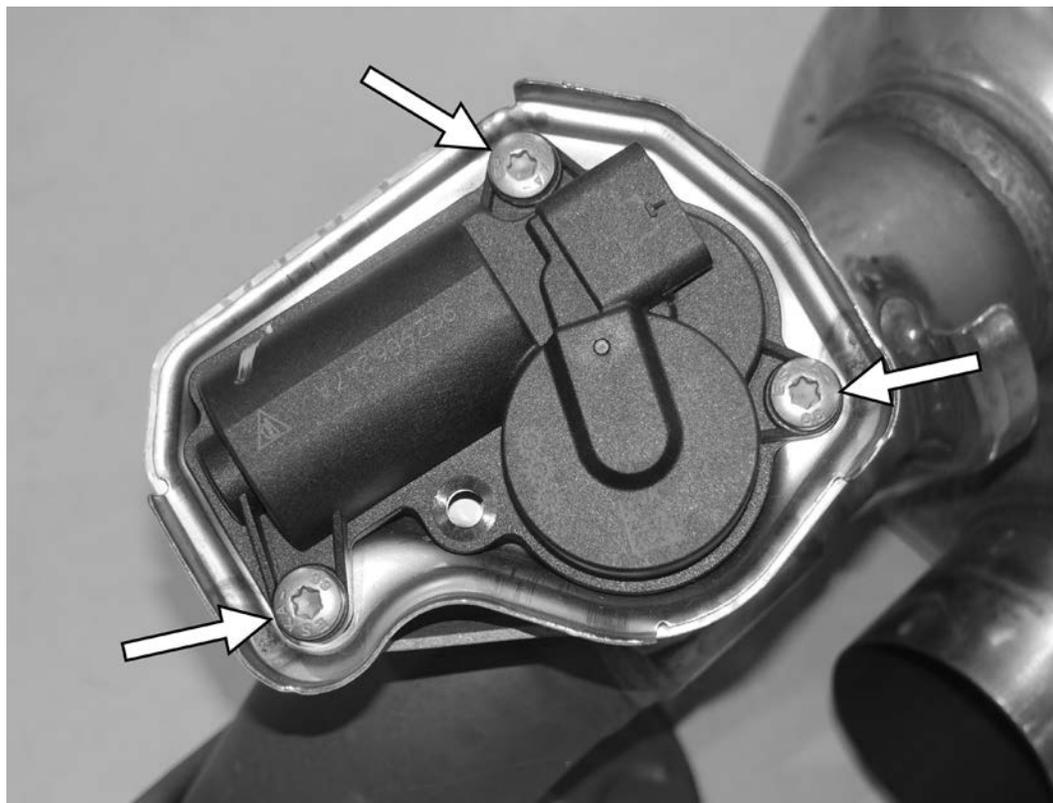
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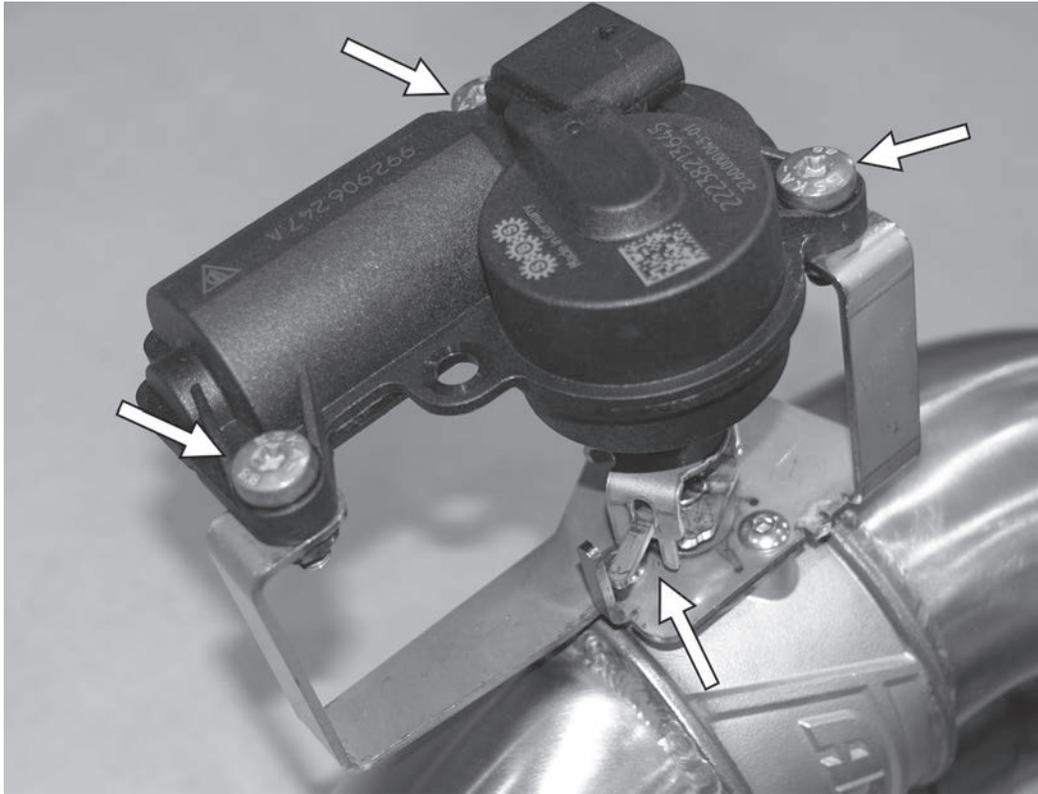
21) Tilt the top of the muffler down and out of the muffler straps. Slide the previously loosened sleeve clamps off and remove the rear muffler assembly from the car.

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22) Remove the six T30 screws from both exhaust valve motors and remove the motors from the rear muffler assembly.



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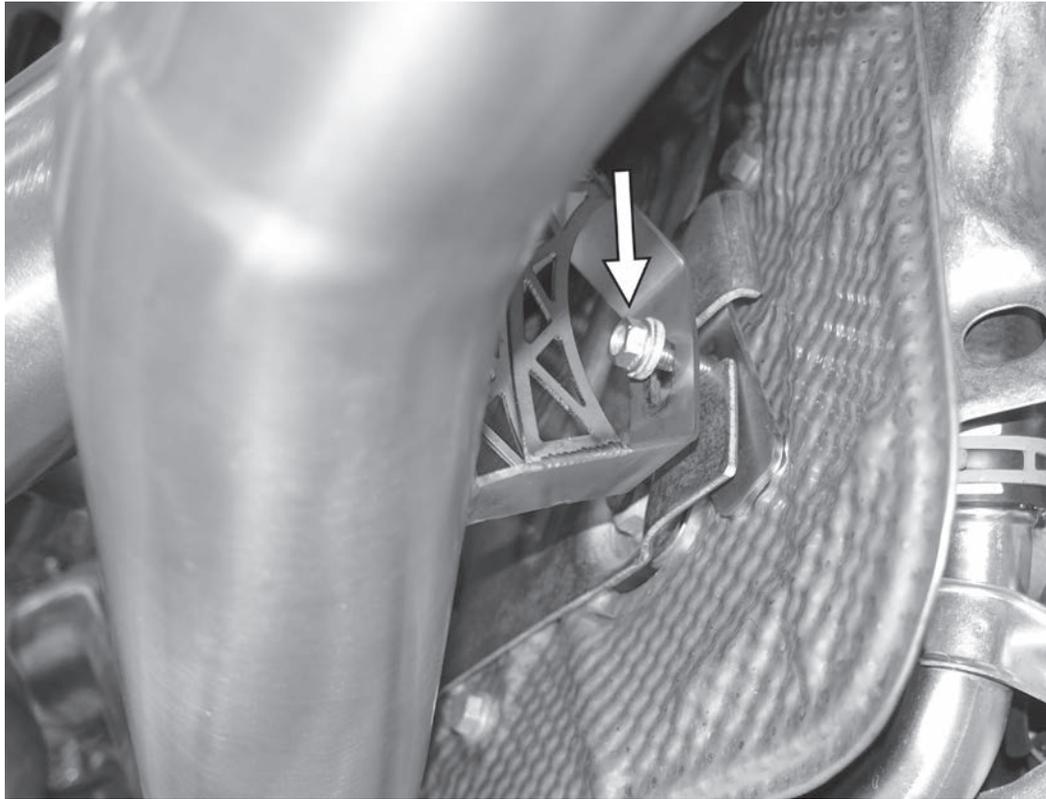
23) Place the exhaust valve motors onto the APR muffler assembly. Make sure the tabs on the APR valve goes into the slot on the motor. Install the six T30 screws to secure the motors to the APR muffler and torque to 9Nm (80 in-lbs).

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24) Slide the supplied flat bracket with stud onto the front right side of the factory muffler mounting bracket.



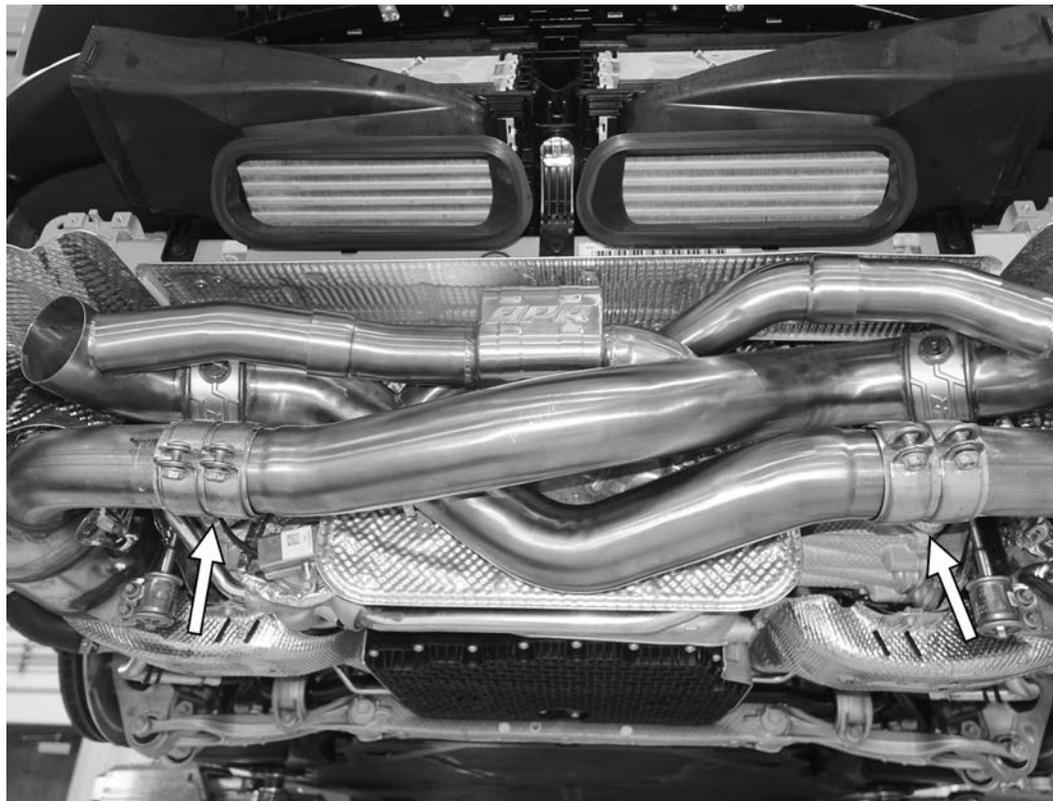
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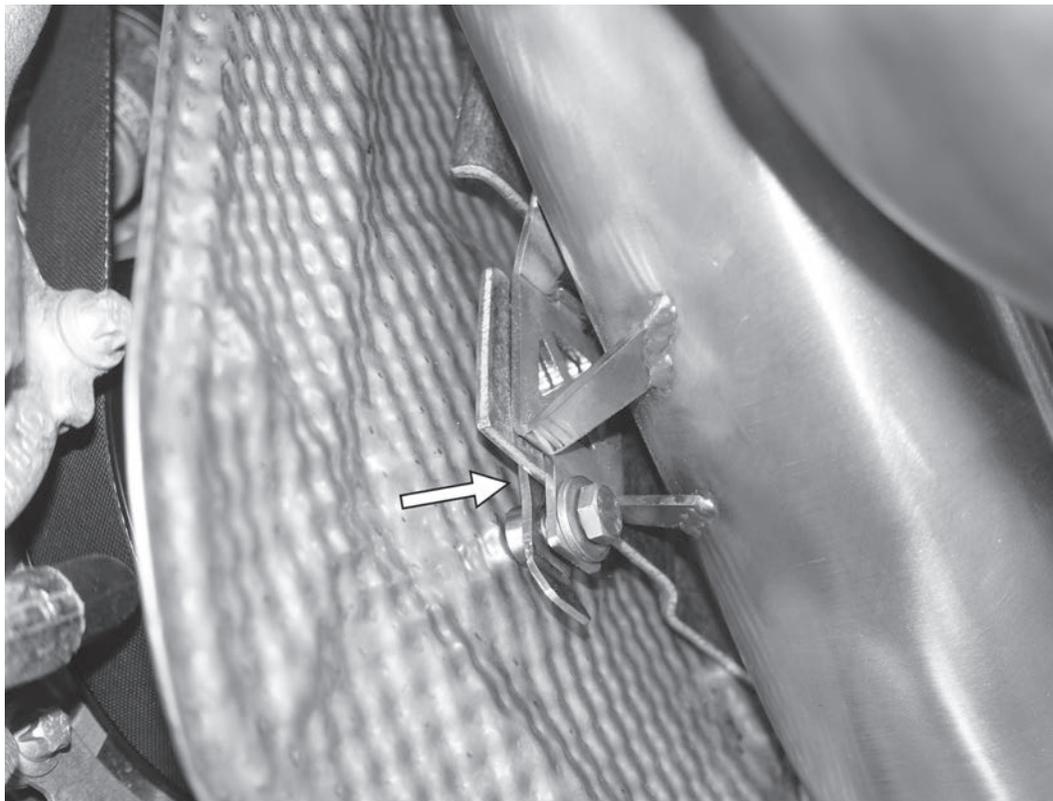


25) With an assistant, hold the APR muffler assembly against the mounting bracket on the car. Put the stud from the APR bracket through the hole on the muffler bracket, and loosely install the supplied 12mm nut.

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26) Slide the factory sleeve clamps over the two inlets of the APR muffler assembly to help hold the muffler in place. Do not tighten the clamps yet.





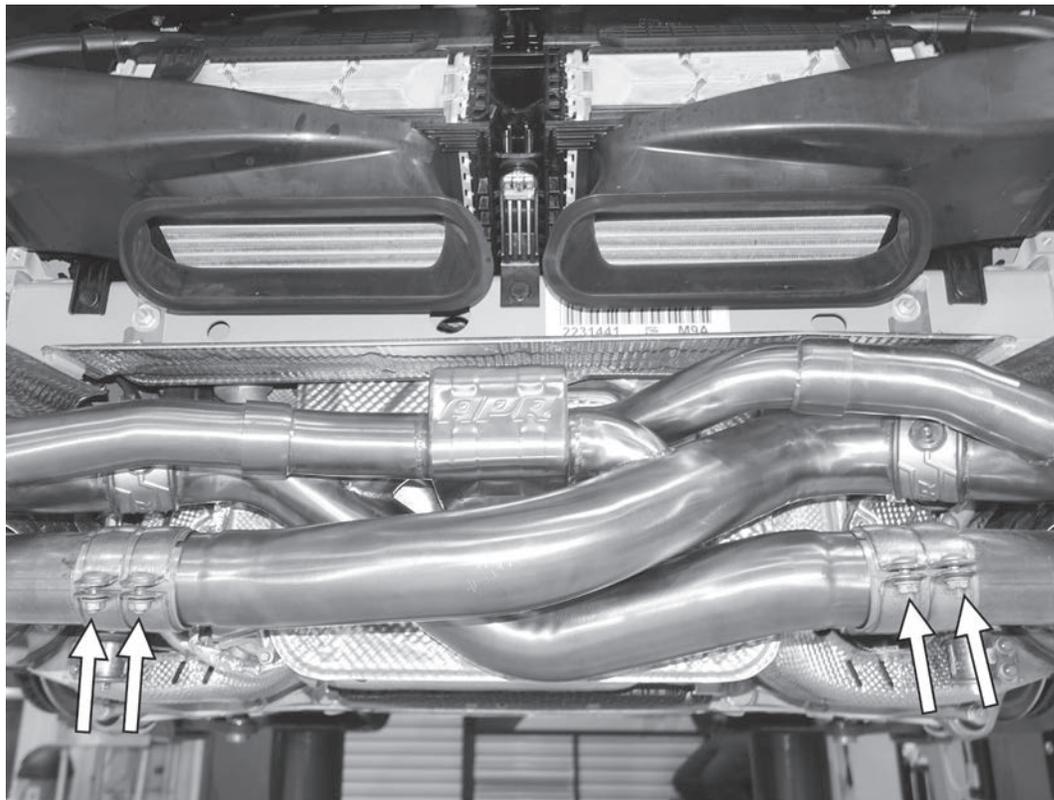
27) Place the other APR mounting bracket on lower left tab of the factory muffler mounting bracket. Install the 10mm screw through the bracket on the muffler assembly and into the mounting bracket. Tighten the 10mm screw to 9Nm (80 in-lbs).

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28) Tighten the 12mm nut on the right mounting bracket to 9Nm. Reconnect the electrical connectors to both exhaust valve motors.



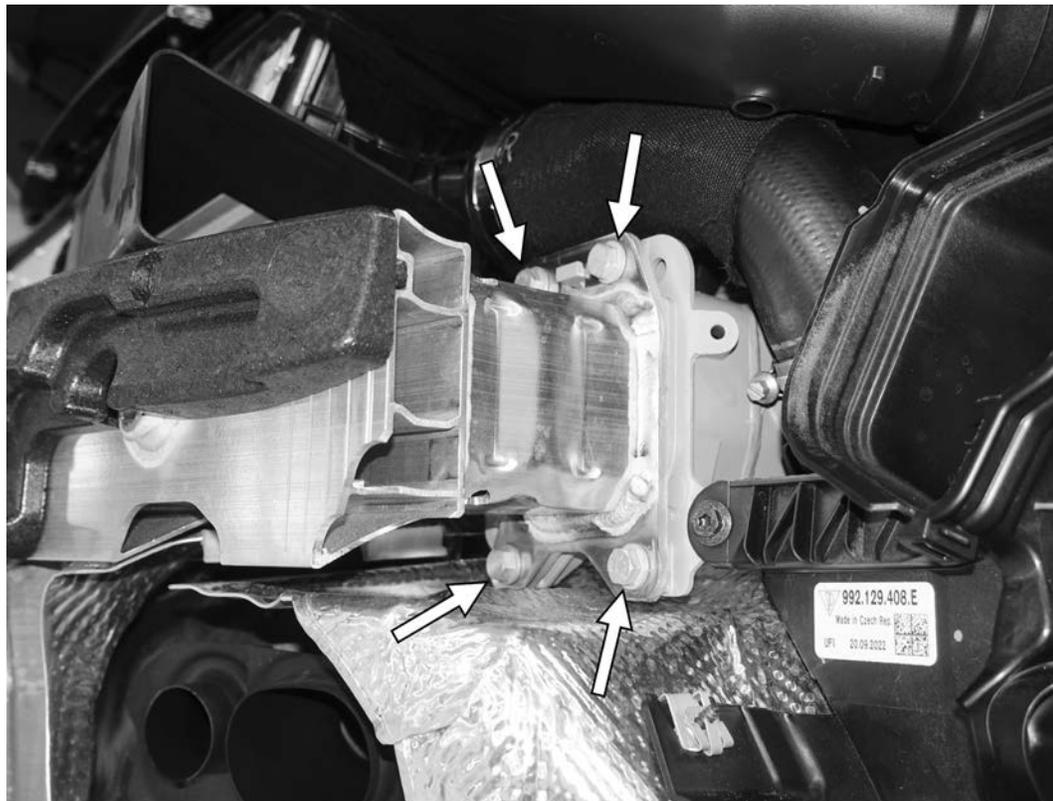
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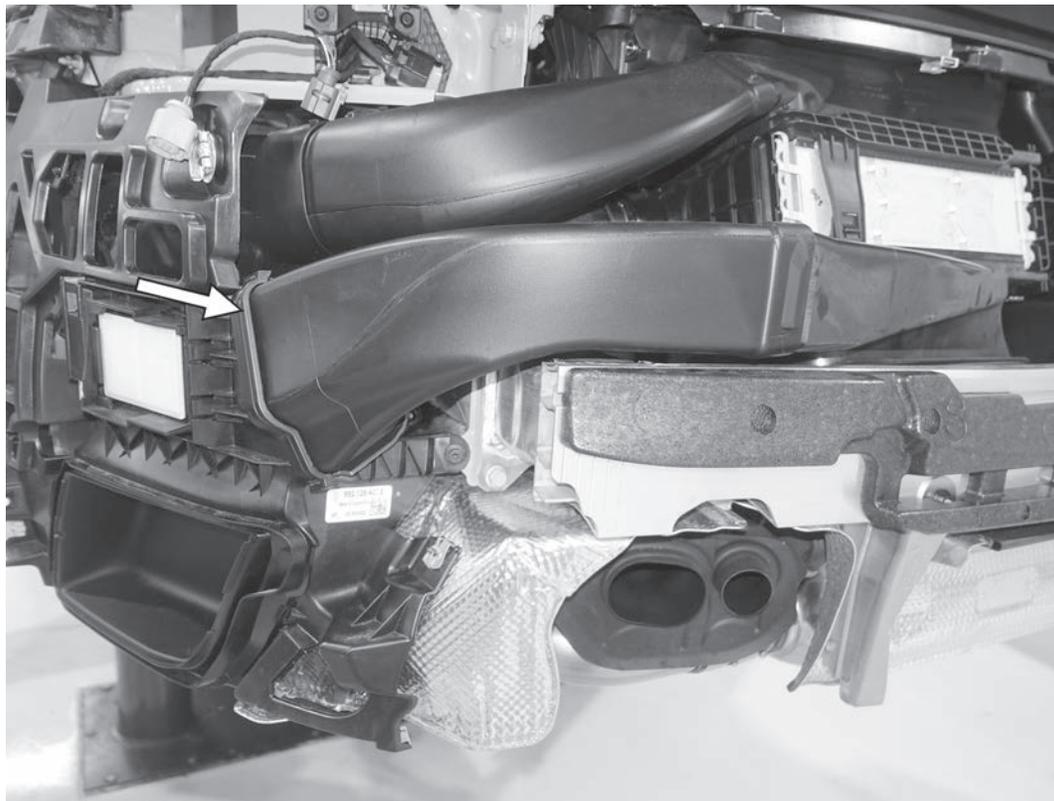
29) Align and tighten the two sleeve clamps on the muffler assembly, then tighten the four 13mm nuts to 30Nm (22 ft-lbs).

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30) Reinstall the factory crash beam bar by hooking the bar onto the mounting tabs and then installing the eight 13mm screws. Tighten all eight screws to 23Nm (17 ft-lbs).

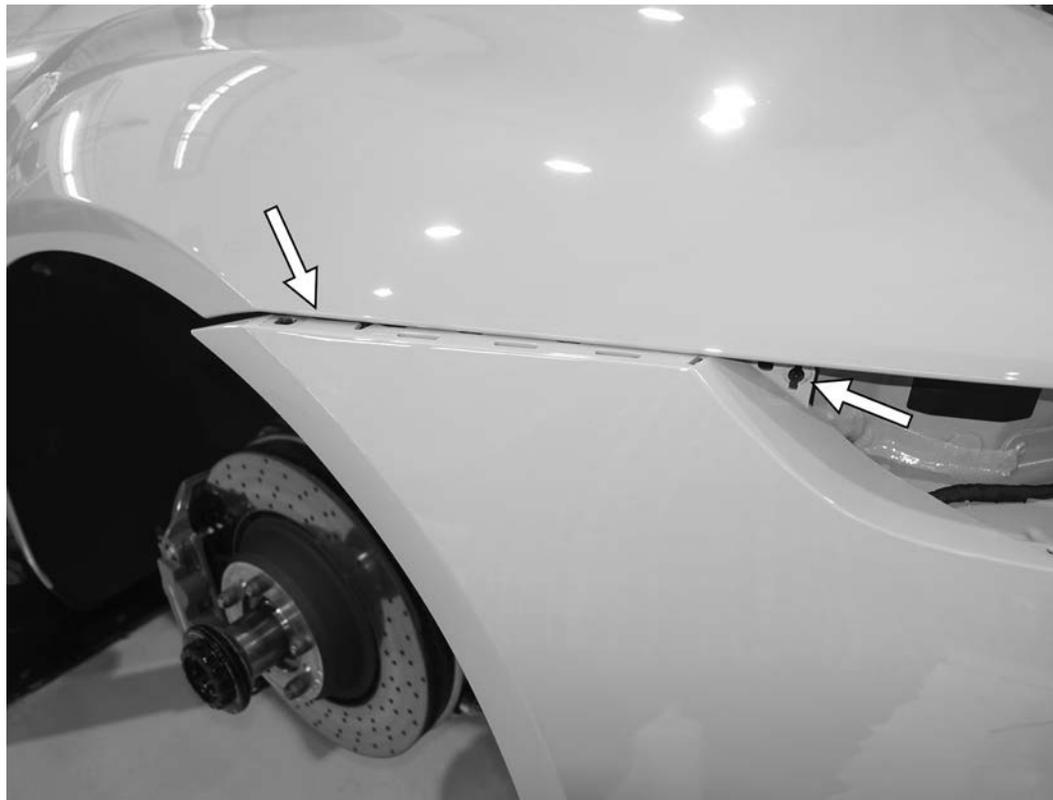


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31) Reinstall the lower intercooler air duct onto the intercooler and then to the airbox frame. Repeat on the other side of the car.

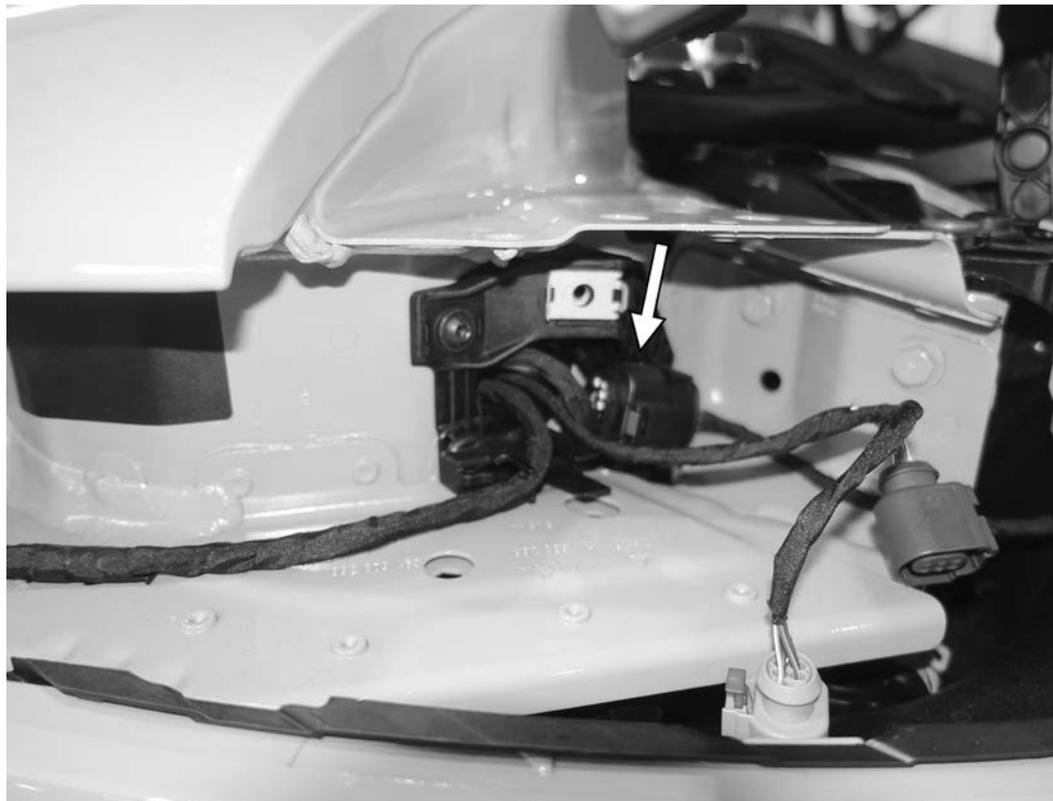
32) With an assistant, place the rear bumper cover back on the car. Push the tabs on the side of the cover into the bumper guide clips. Loosely install the two outer T30 screws on the cover to prevent the cover from falling off.





33) Reconnect the electrical connector from the right side of the rear bumper wiring harness to the area where the right taillight was. Some cars may have more or less electrical connectors depending on the vehicle options.

34) Reconnect the electrical connector from the left side of the rear bumper wiring harness to the area where the left taillight was.



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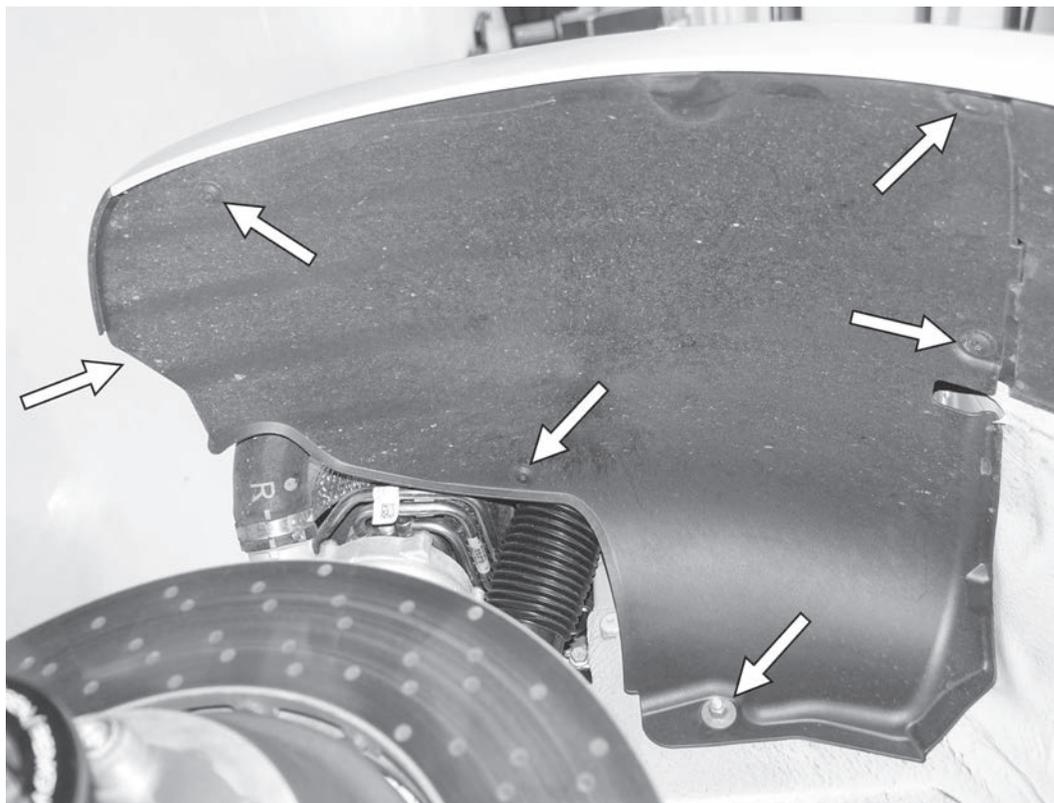
35) Reinstall the eight T30 screws from the bottom of the rear bumper. Make sure to put the correct screws in the same locations they were removed from. Tighten the screws to 3.2Nm (28 in-lbs).

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36) Reinstall the three T30 screws holding the bumper cover to the airbox frame and tighten to 3.2Nm (28 in-lbs). Repeat on the other side of the car.



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37) Reinstall the rear lower fender liner. Secure with the four T25 screws, the one T30 screw (underneath), and the one 10mm nut. Tighten the 10mm nut to 2.5Nm (22 in-lbs). Tighten the T30 screw underneath to 2Nm (18 in-lbs). Tighten the four T25 screws to 3.2Nm (28 in-lbs). Repeat on the other side of the car.

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38) Reinstall the two remaining T30 screws to the top of the bumper cover. Tighten all two rear T30 screws to 3.2Nm (28in-lbs). Tighten the two previously installed outer T30 screws to 7Nm to (62 in-lbs).



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39) Reinstall both rear side taillights. Reconnect the electrical connectors on the lights before pushing them forward into their mounting locations.

40) Secure both rear side taillights with the four T30 screws. Remember the spacer on the two outer screws. Tighten all four screws to 6Nm (53 in-lbs).



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41) Place the center taillight back onto the car, and then reconnect the electrical connectors on both sides of the light. Push the taillight forward into its mounting location.

42) Secure the center taillight with the six T30 screws, and then tighten the screws to 6Nm (53 in-lbs).



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43) Snap back in the plastic panels on both sides of the rear decklid spoiler.

44) Reinstall both rear wheels and torque to spec, depending on the wheel type on the car. The rear spoiler can be lowered as well.



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