

#TL100189

INSTALLATION MANUAL

MPK0009

APR B9 SQ5 Exhaust Midpipes

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Notes:

These general instructions were written for a North American specification SQ5, 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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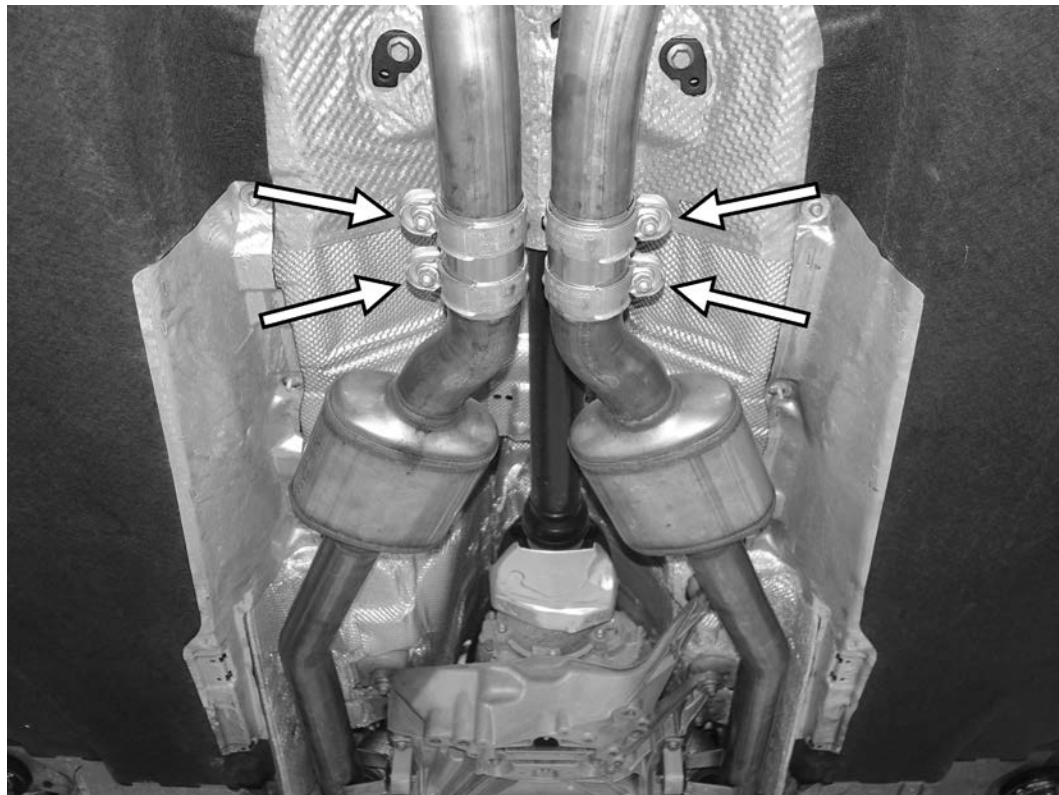
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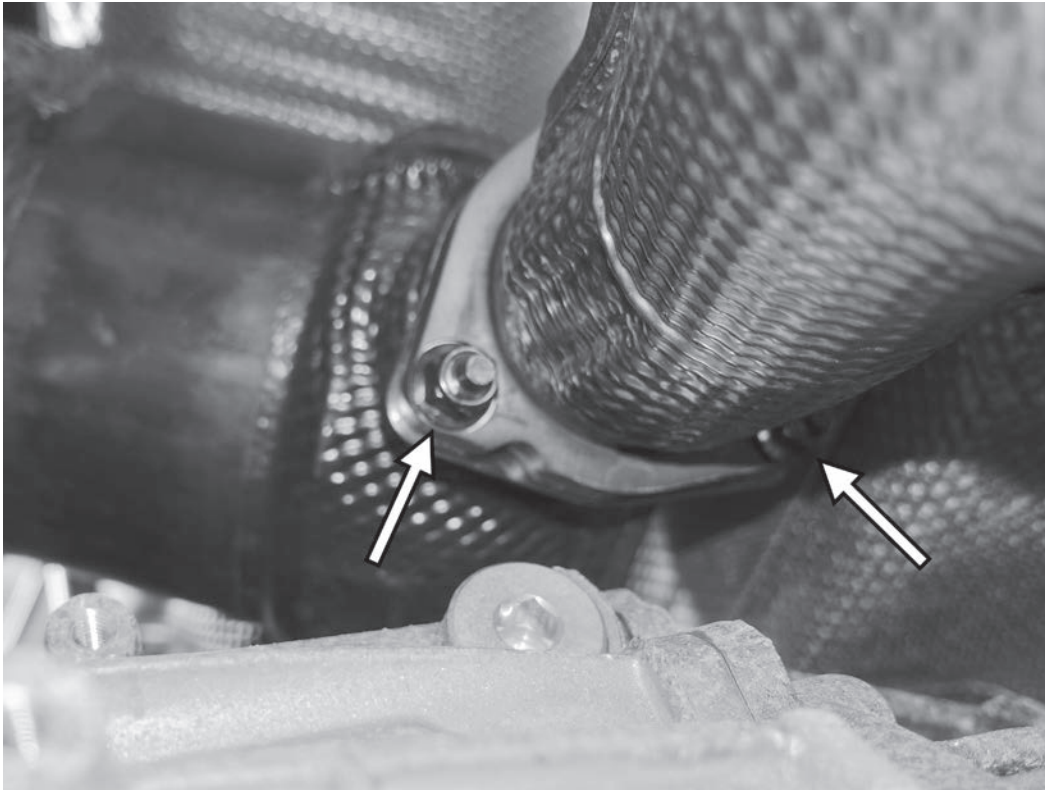
1) Place the vehicle on a lift or secure jackstands.

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2) Loosen the four 13mm nuts on the sleeve clamps holding the stock midpipes to the rear portion of the exhaust.



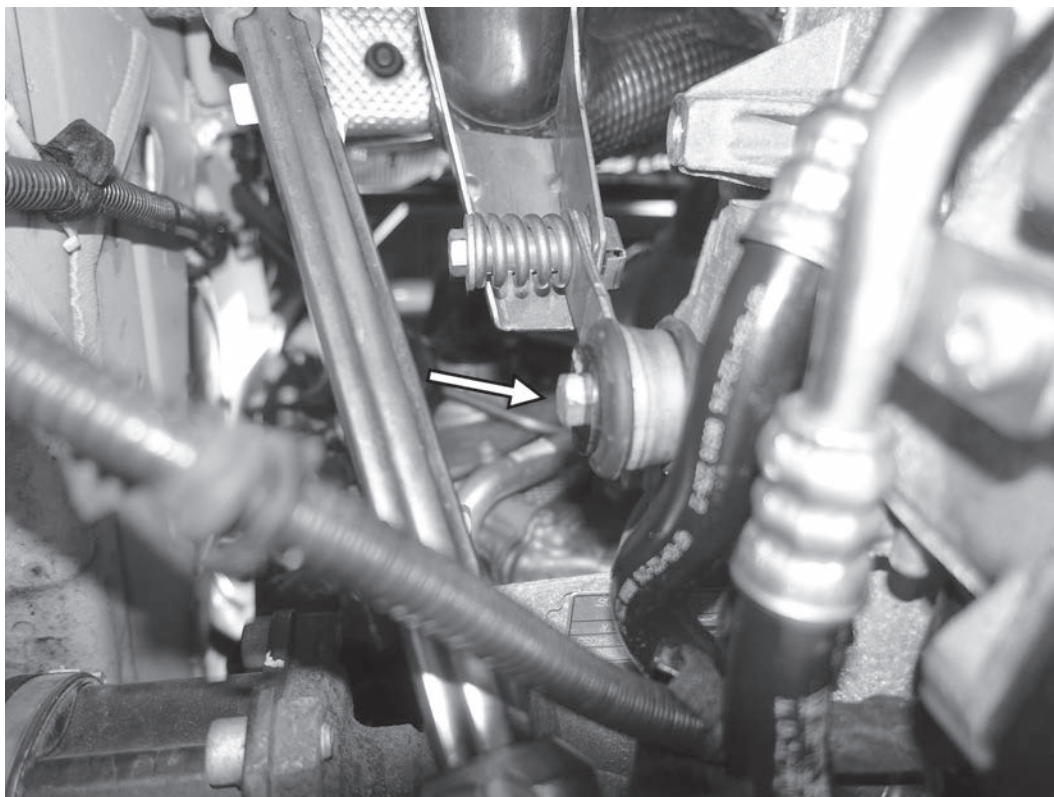
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3) Remove the three 12mm nuts holding the left midpipe to the cataly-st. The upper nut may be easier to remove from the engine bay, simply remove the engine cover to access from above.

4) Remove the three 12mm nuts holding the right midpipe to the catalyst. These nuts are easier to remove from the engine bay.





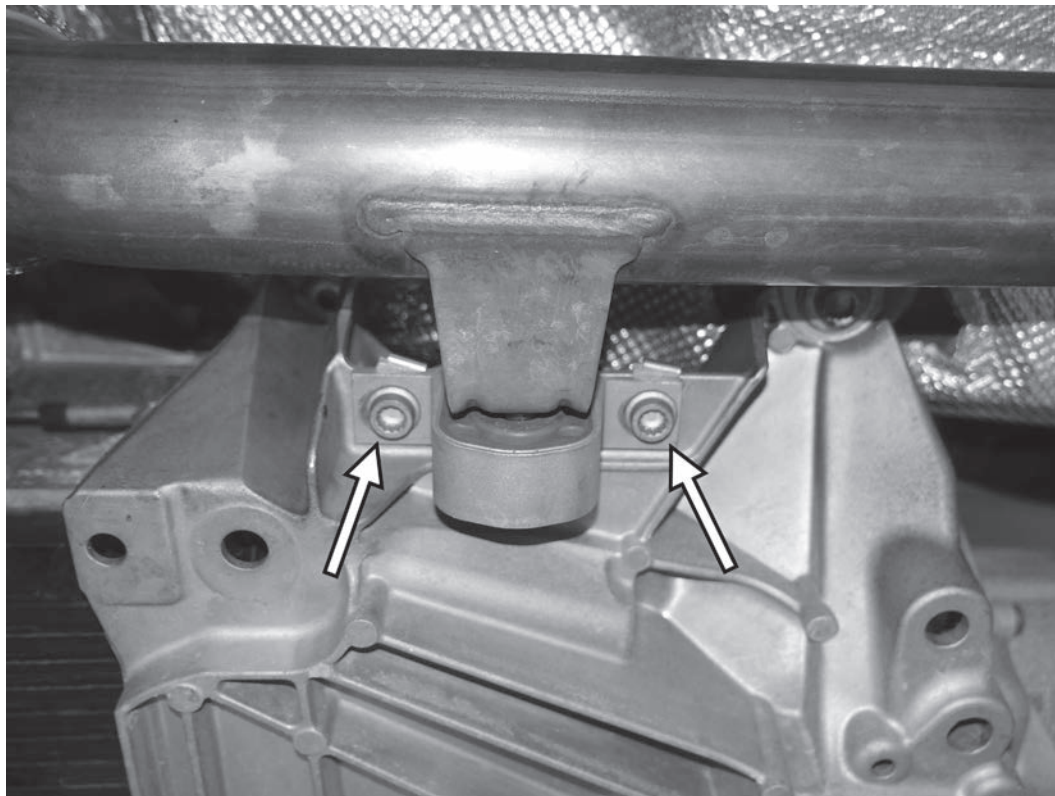
5) On the left midpipe, remove the 13mm screw holding the rubber exhaust hanger from the side of the transmission.

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6) On the right midpipe, remove the 13mm screw holding the rubber exhaust hanger from the side of the transmission.

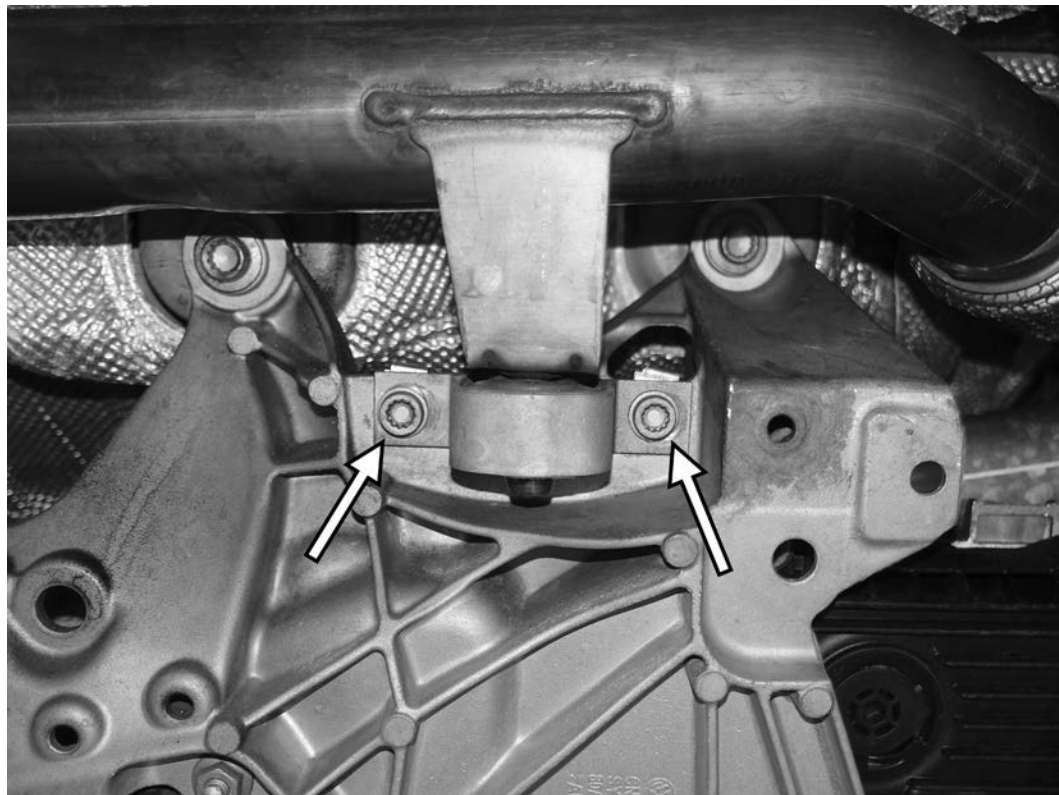


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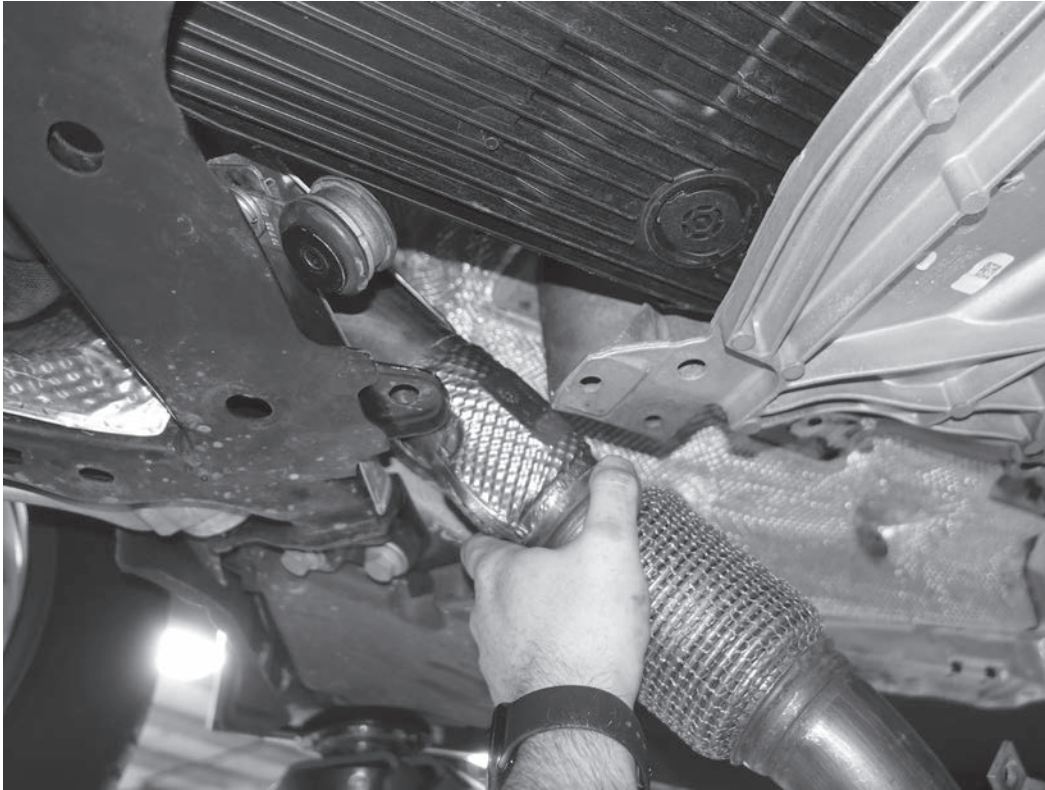


7) On the left midpipe, remove the two 10mm triple square screws from the exhaust bracket to the subframe.

8) On the right midpipe, remove the two 10mm triple square screws from the exhaust bracket to the subframe.



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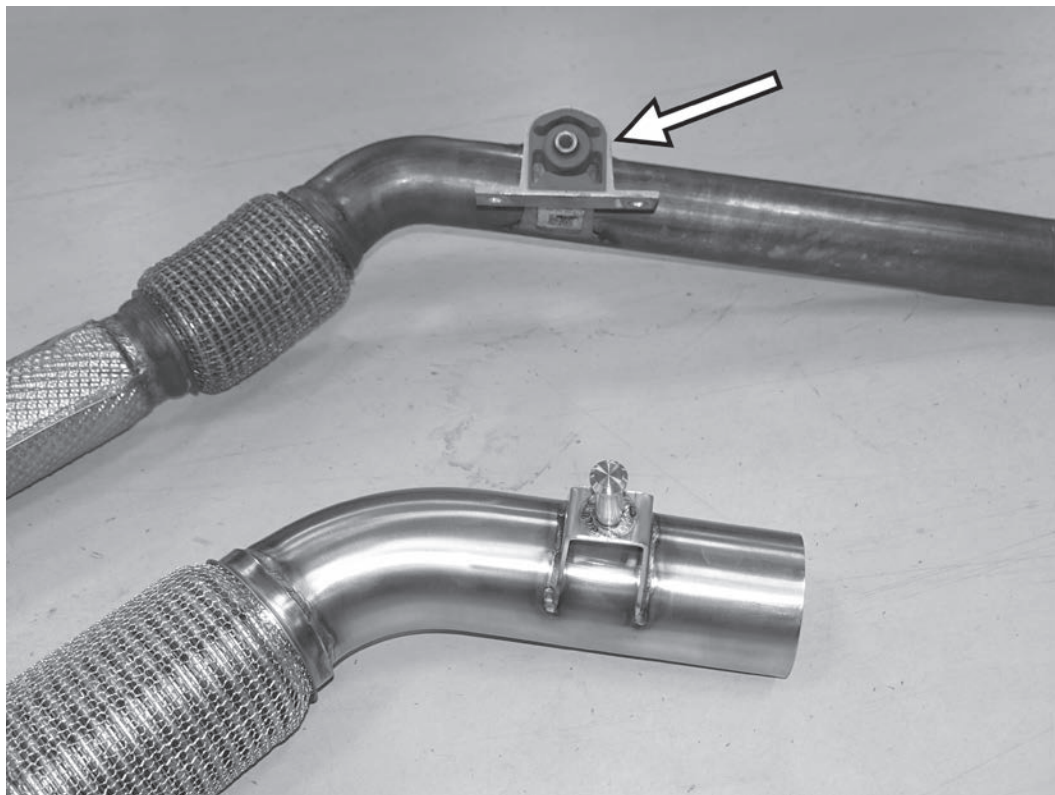
9) Carefully manipulate and remove both stock midpipe assemblies from the car.

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10) Remove the rubber hanger from the right midpipe that connected it to the subframe, and place it on the APR midpipe in the same orientation.



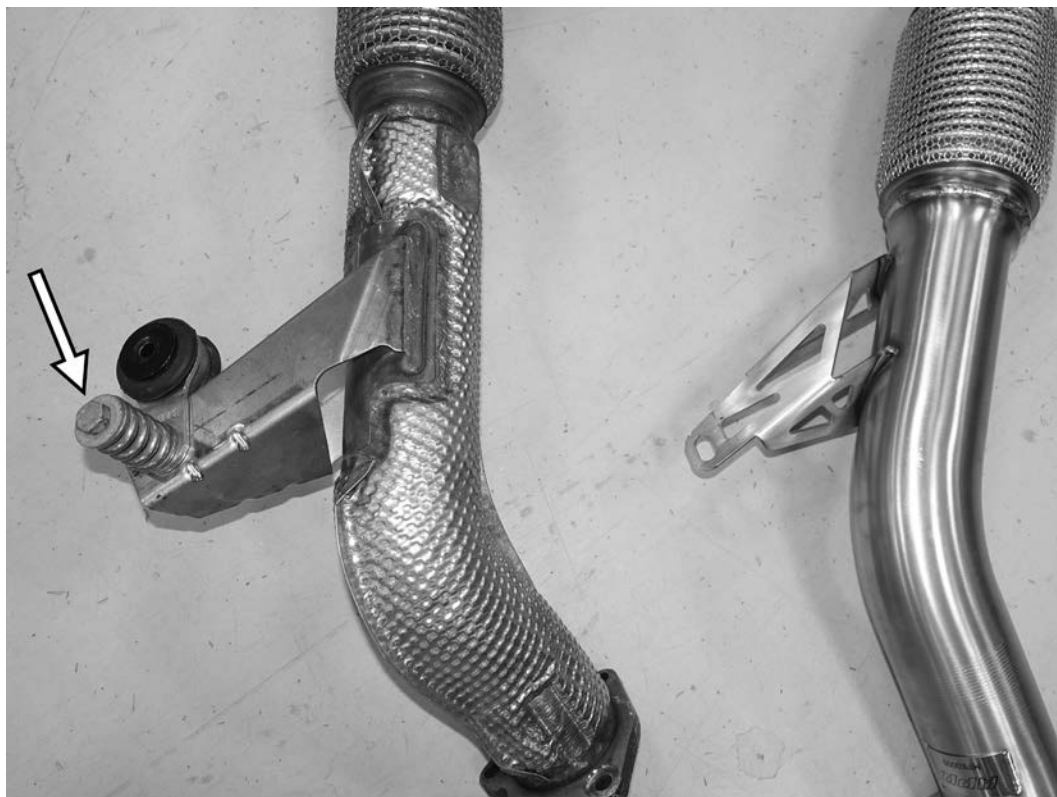
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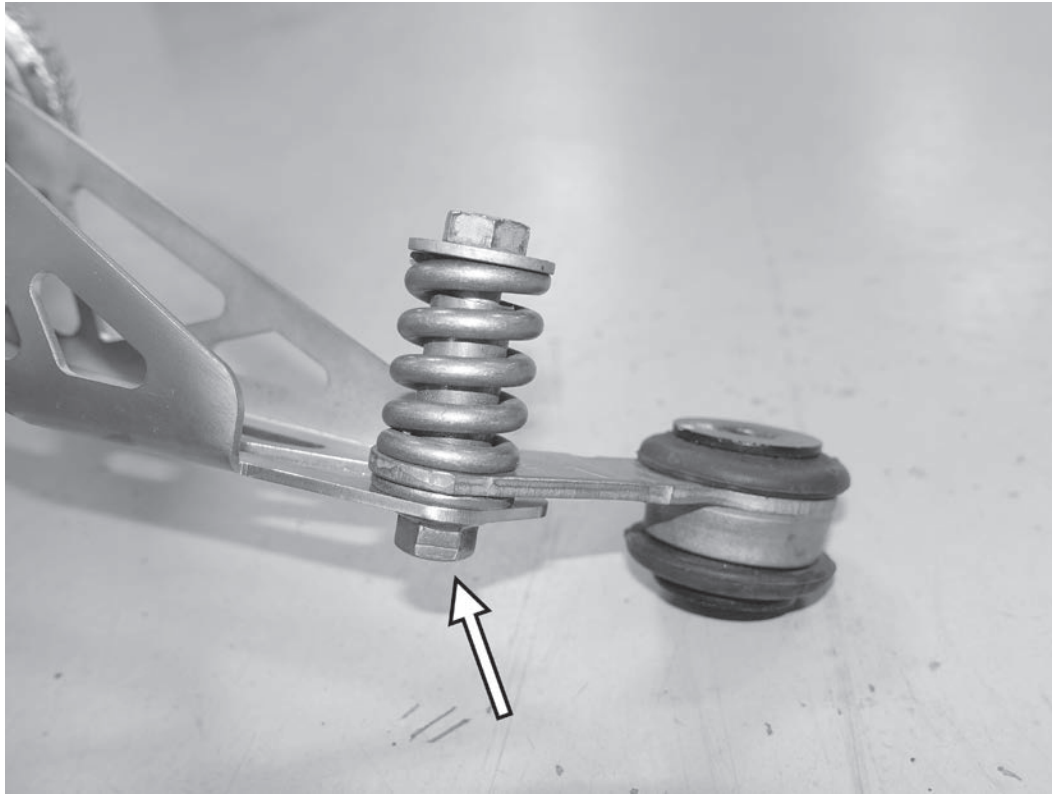
11) Remove the rubber hanger from the left midpipe that connected it to the subframe, and place it on the APR midpipe in the same orientation.

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12) Note how the exhaust hanger is mounted and oriented on the right midpipe. Remove the 13mm screw holding the hanger to the right midpipe.



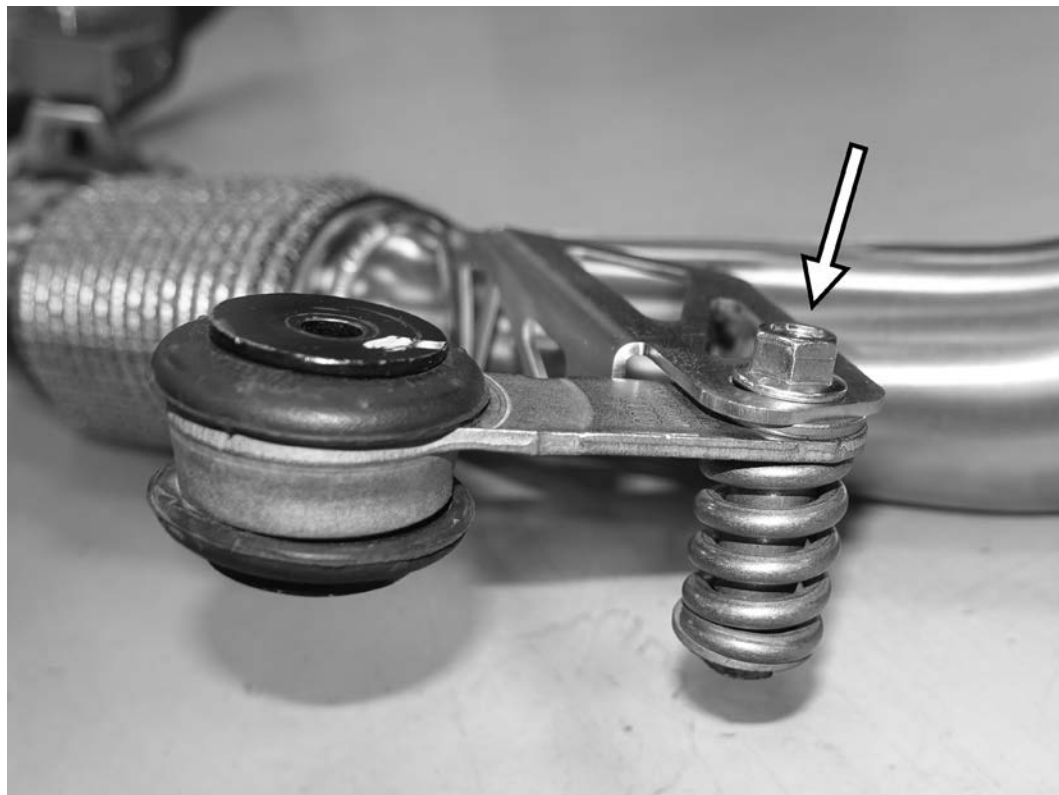
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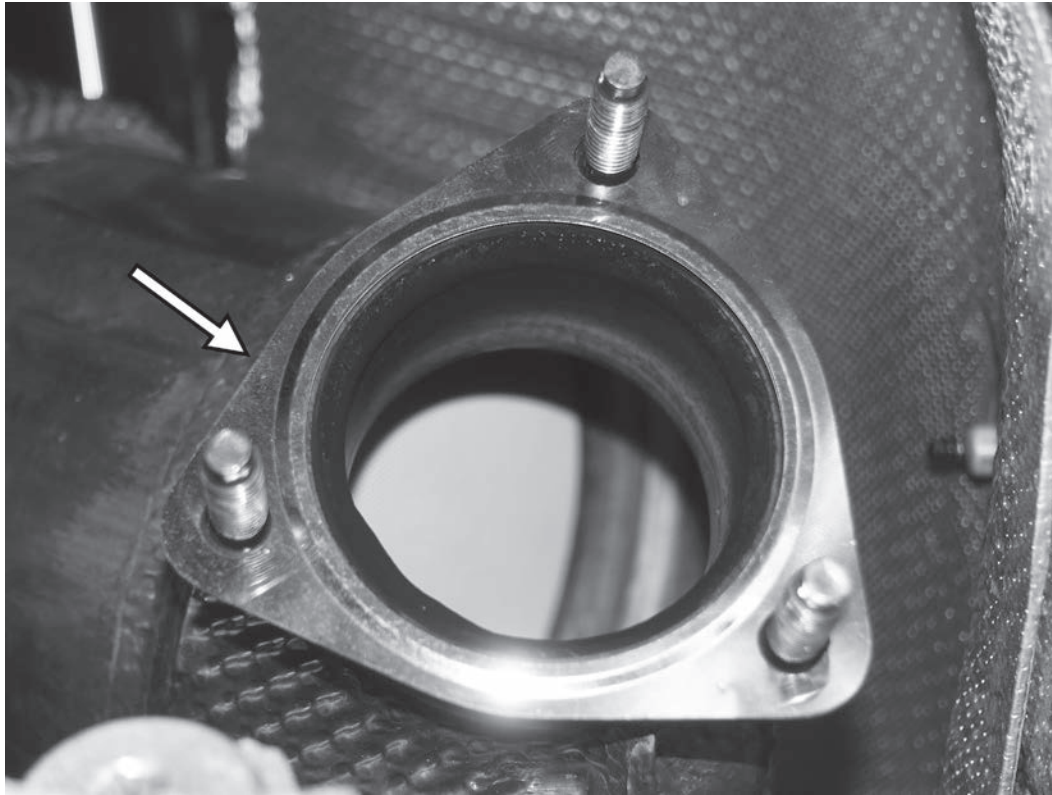
13) Install the hanger onto the right APR midpipe in the same orientation as stock, using the supplied 13mm flange nut to hold the screw in place.

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14) Install the hanger onto the left APR midpipe in the same orientation as stock, using the supplied 13mm flange nut to hold the screw in place.

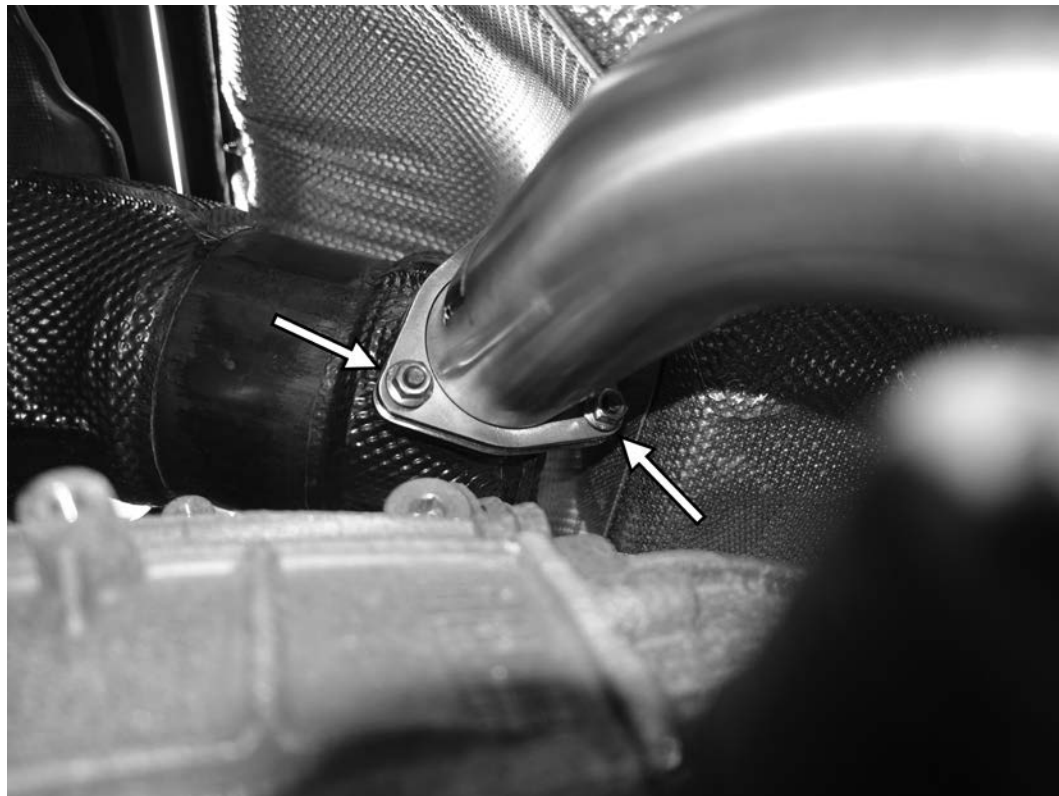


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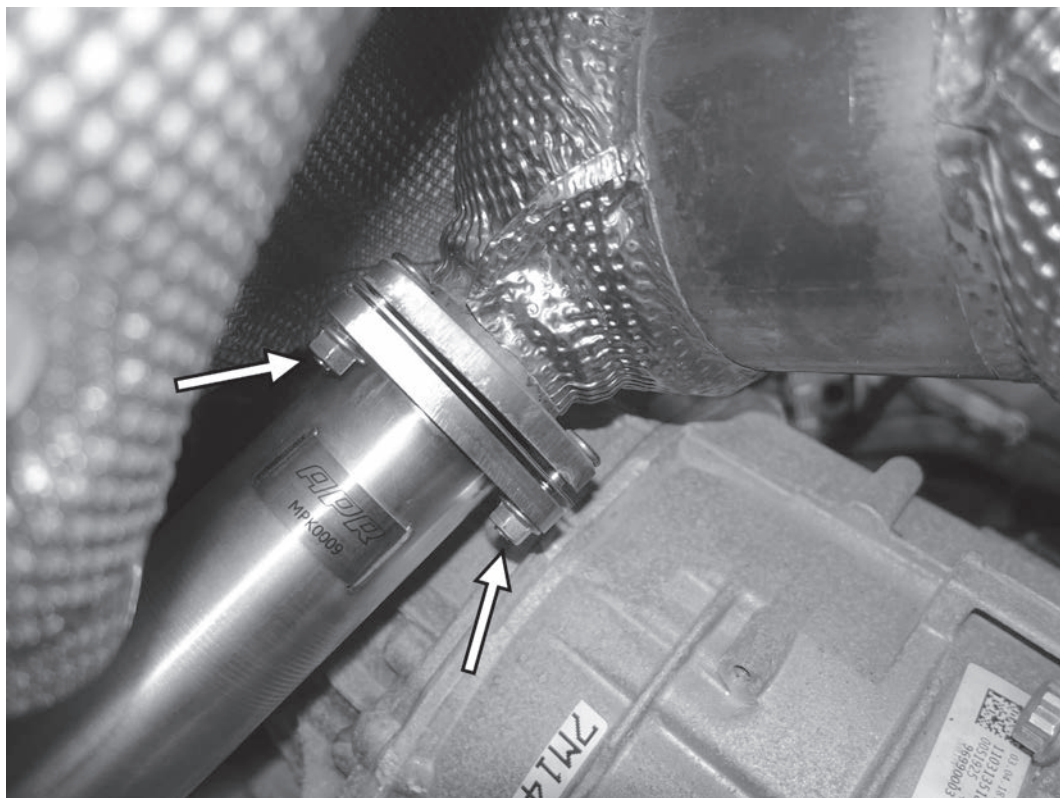


15) Remove the used, stock gaskets from both outlets of the stock catalyst, and install the new supplied gaskets to the catalyst.

16) Place the left midpipe in the car, and install the three supplied nuts to hold it to the catalyst. Tighten the three 13mm nuts to 23Nm (17 ft-lbs).



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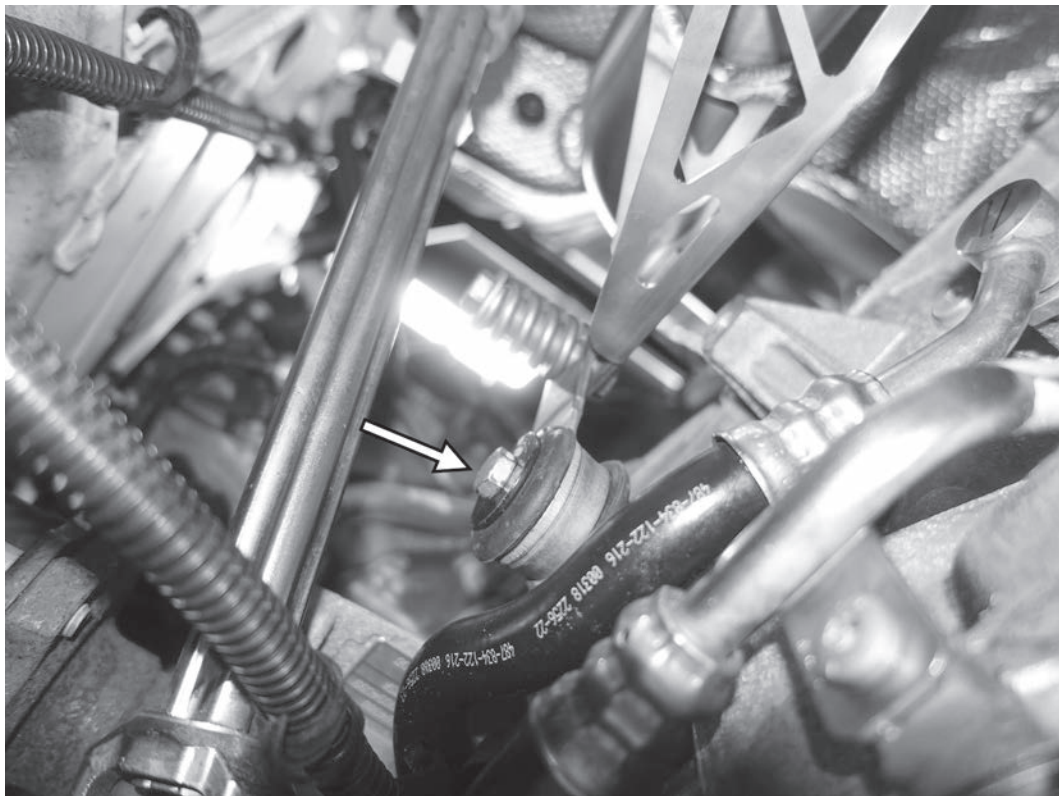
17) Place the right midpipe in the car, and install the three supplied nuts to hold it to the catalyst. Tighten the three 13mm nuts to 23Nm (17 ft-lbs).

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18) Reinstall the two 10mm triple square screws to hold the left mid-pipe exhaust hanger to the subframe. Tighten the two screws to 20Nm (15 ft-lbs).



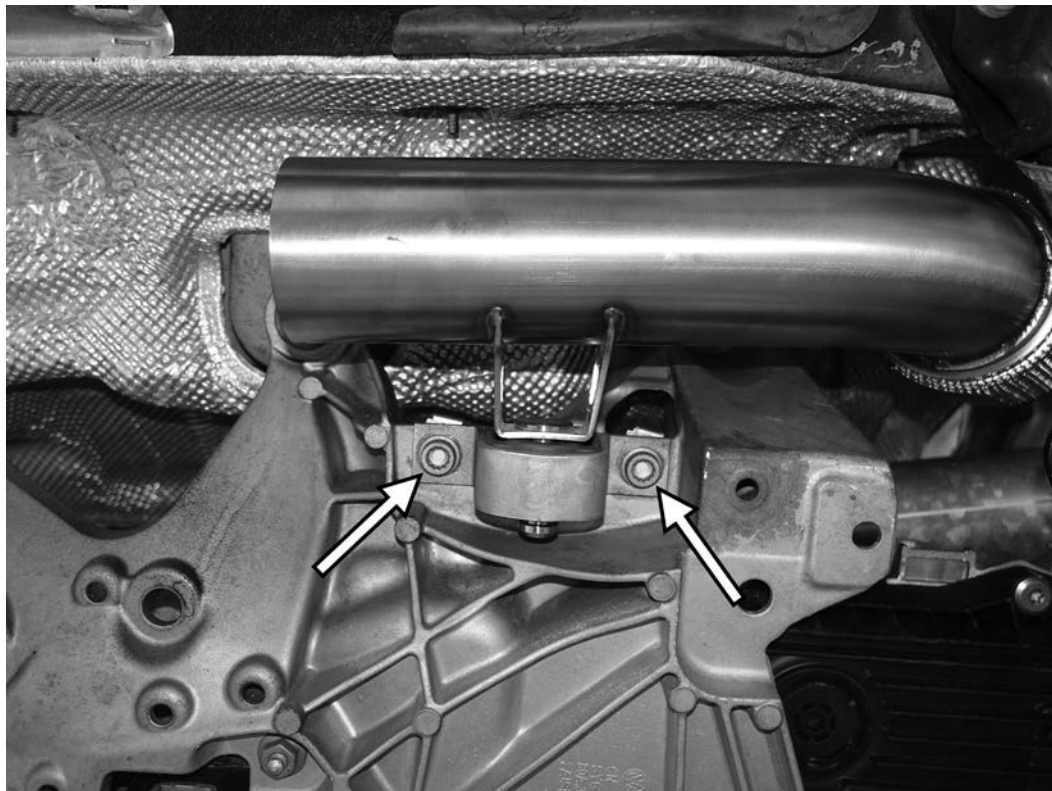
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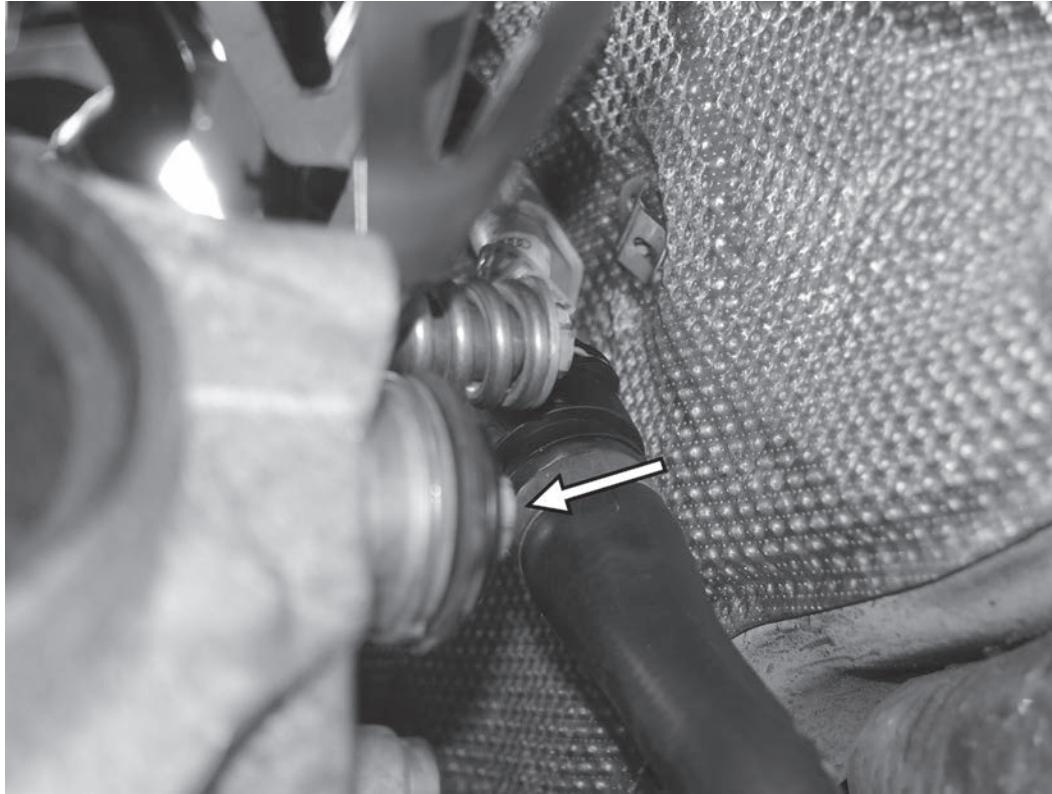
19) Install the 13mm screw holding the left rubber exhaust hanger to the side of the transmission. Tighten the screw to 23Nm (17 ft-lbs).

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20) Reinstall the two 10mm triple square screws to hold the right mid-pipe exhaust hanger to the subframe. Tighten the two screws to 20Nm (15 ft-lbs).



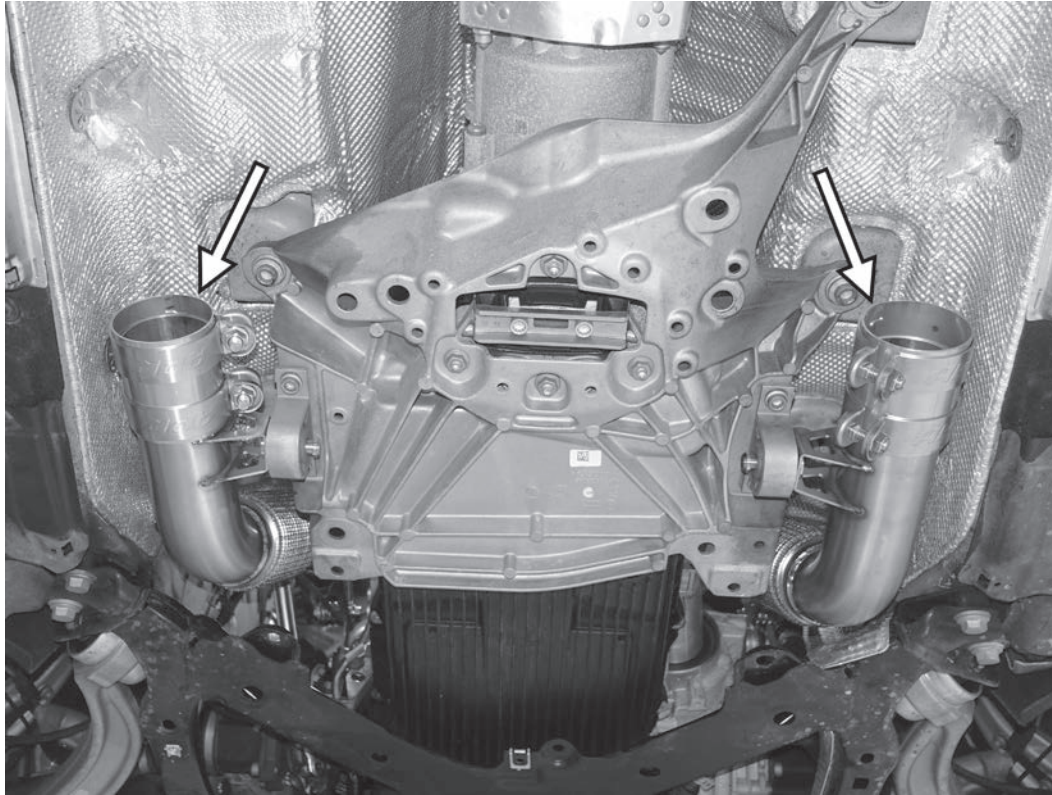
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21) Install the 13mm screw holding the right rubber exhaust hanger to the side of the transmission. Tighten the screw to 23Nm (17 ft-lbs).

22) If installing with the stock catback exhaust, loosely install the supplied adapters onto the front of the catback portion of the exhaust. If installing with the APR catback, loosely install the supplied sleeve clamps onto the front of the catback.

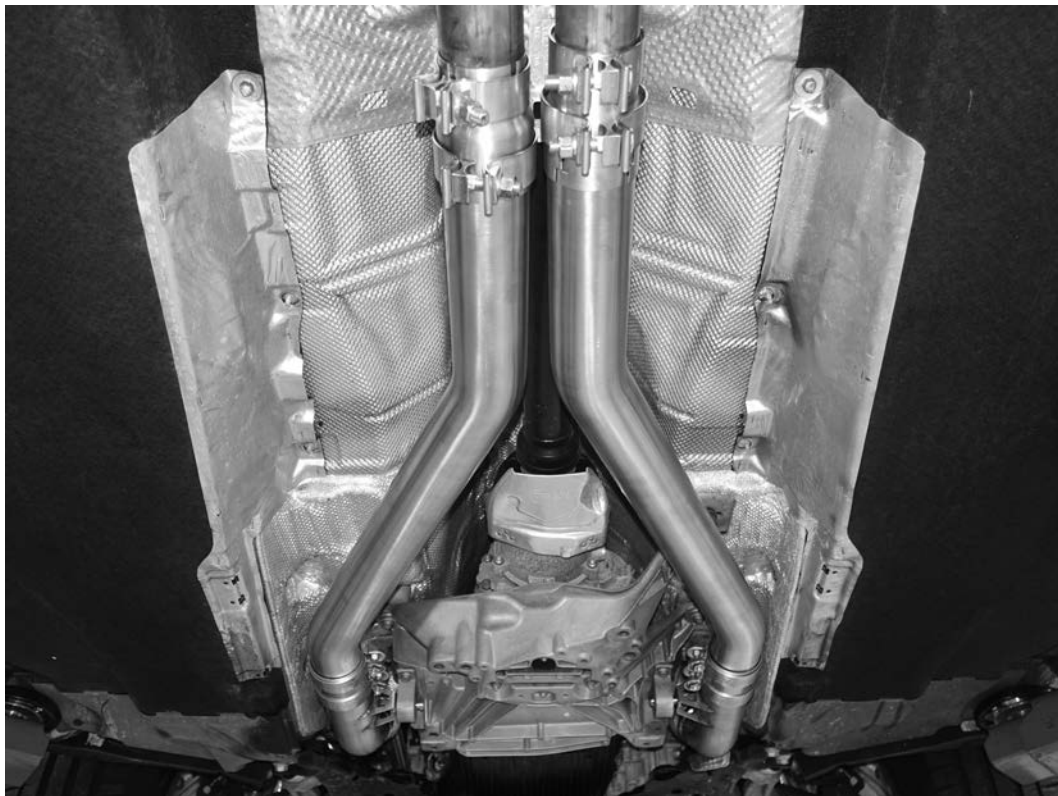




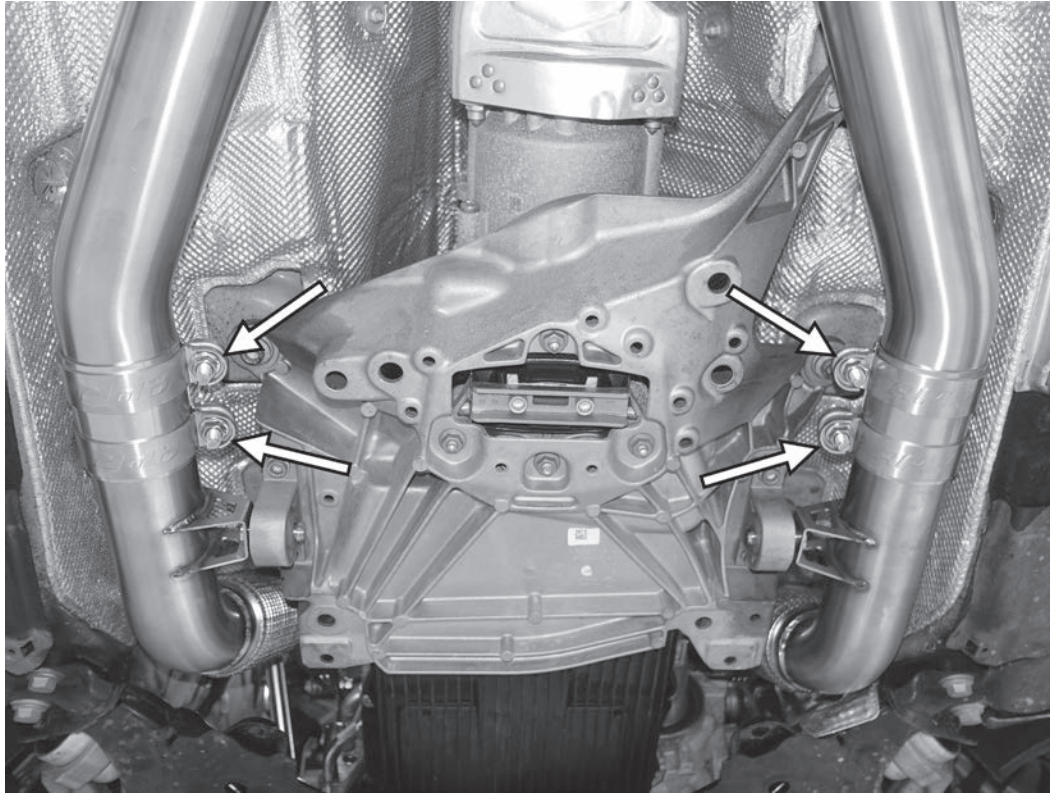
23) Loosely install the supplied sleeve clamps onto the back of the APR midpipes as shown.

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24) Place the connecting pipes included to connect the APR mid-pipes to the front of the catback section of the exhaust. Use the sleeve clamps to hold the system in place.

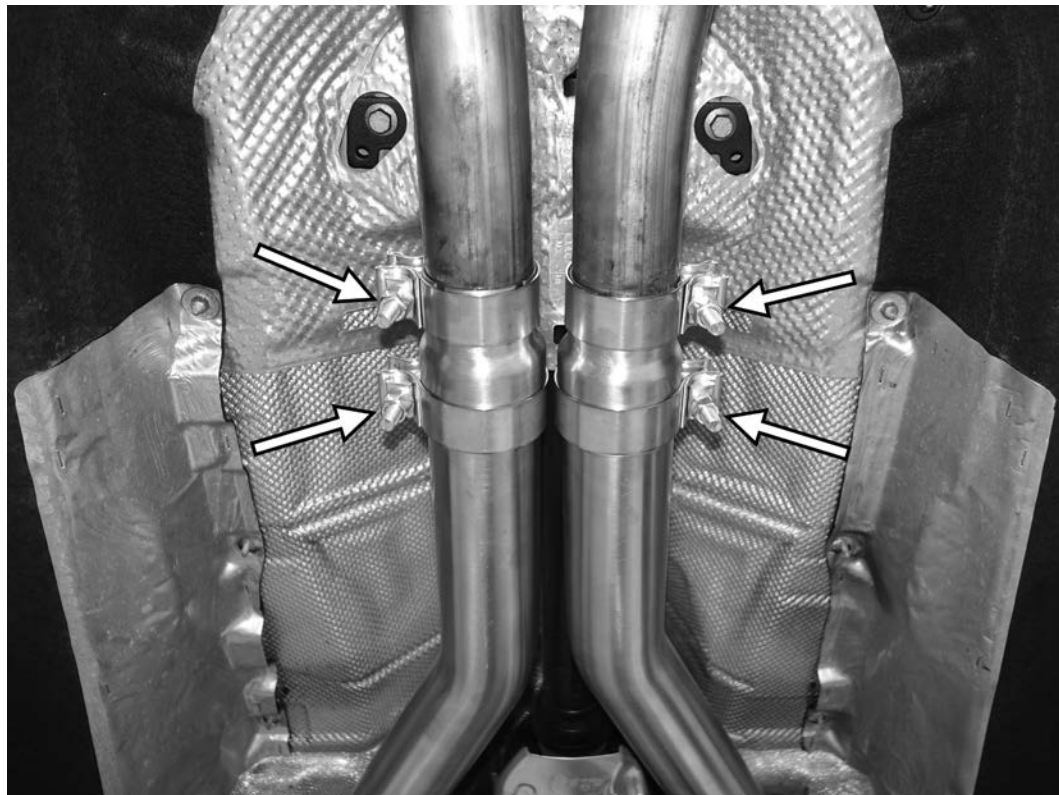


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25) Adjust the connecting pipes. There should be ~8-10mm of gap between each section of the exhaust. Once adjusted, tighten the four 15mm nuts on the sleeve clamps to 25Nm (18 ft-lbs).

26) Adjust the connecting pipes to the catback. Once adjusted, if using the exhaust adapters for the stock catback, tighten the four 15mm clamps to 55Nm (40 ft-lbs). If installing with the APR catback, tighten the 15mm nuts on the sleeve clamps to 25Nm (18 ft-lbs).



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