

#TL100125

INSTALLATION MANUAL

CBK0027

4.0T X-Pipe

APR



Notes:

These instructions were written for on a North American specification S6, but other models, like the S7 and RS7, 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.

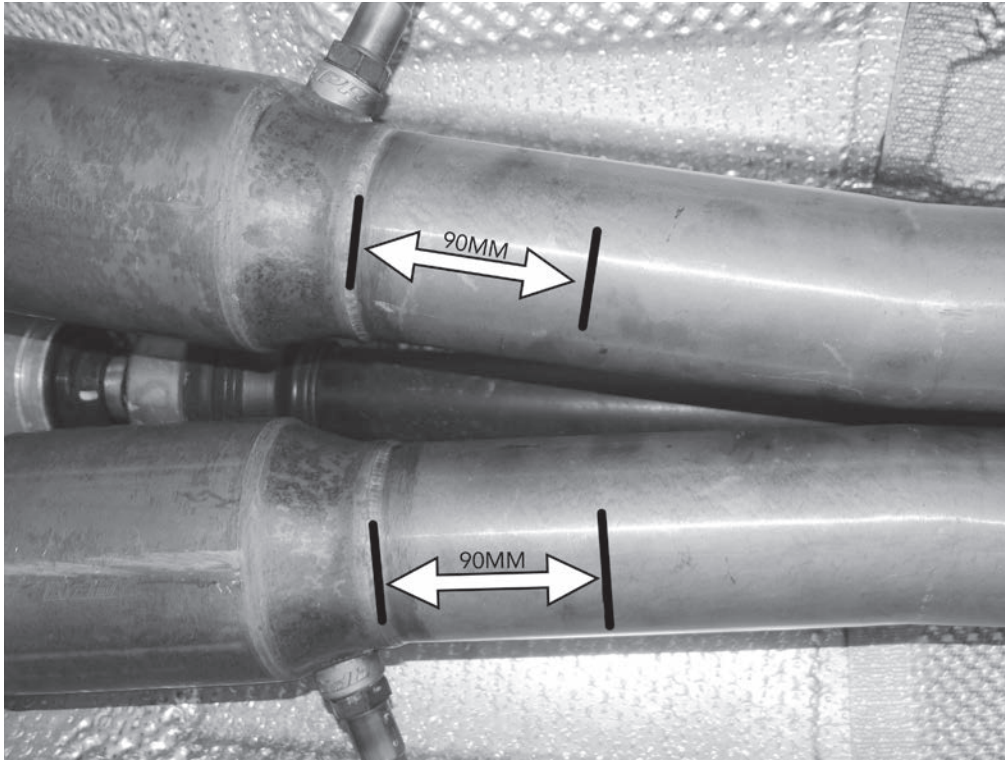
These instructions assume that you have basic mechanical skills and several varieties of the tools in order to install the kit. If you have any questions about the install, feel free to contact your APR representative.



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1) With the APR midpipes and cat-back still installed on the car, make a mark approximately 90mm behind the back of the catalyts, behind the secondary oxygen sensors.

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2) Determine the correct orientation of the APR X-Pipe. The end of the X-Pipe with the straight, welded sections will be towards the back of the car. With the X-Pipe on a flat surface, the X-Pipe should rock back and forth from side to side if facing down. In other words, the center portion of the X-Pipe should be lower in the car than the ends of the X-Pipe.

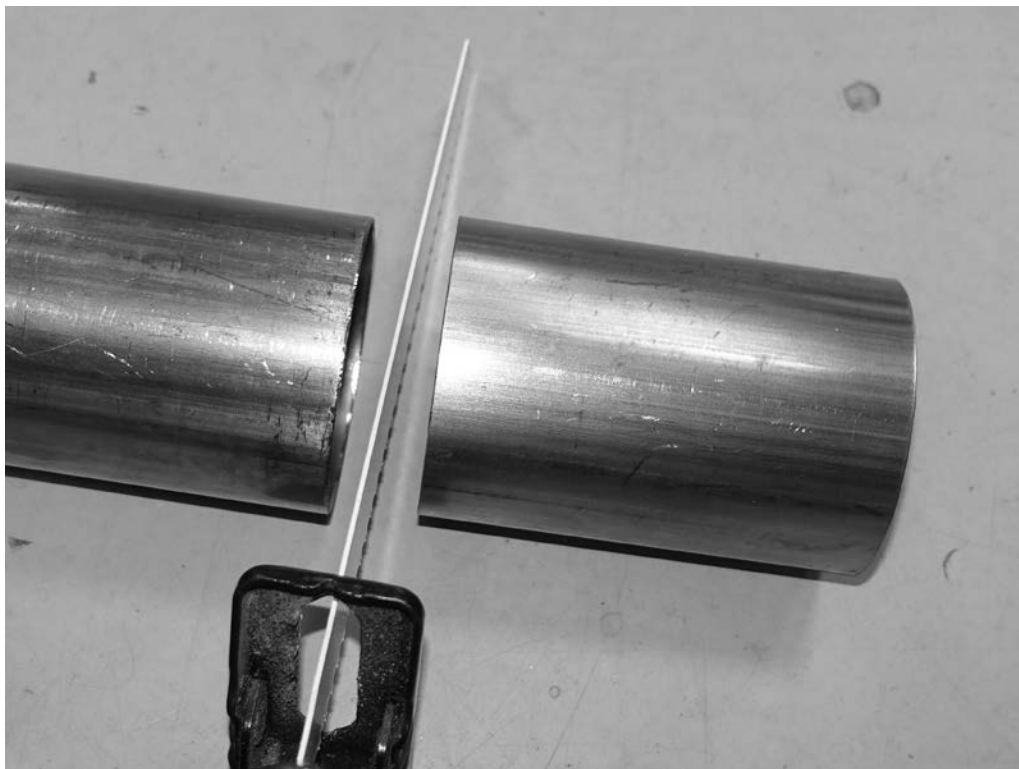


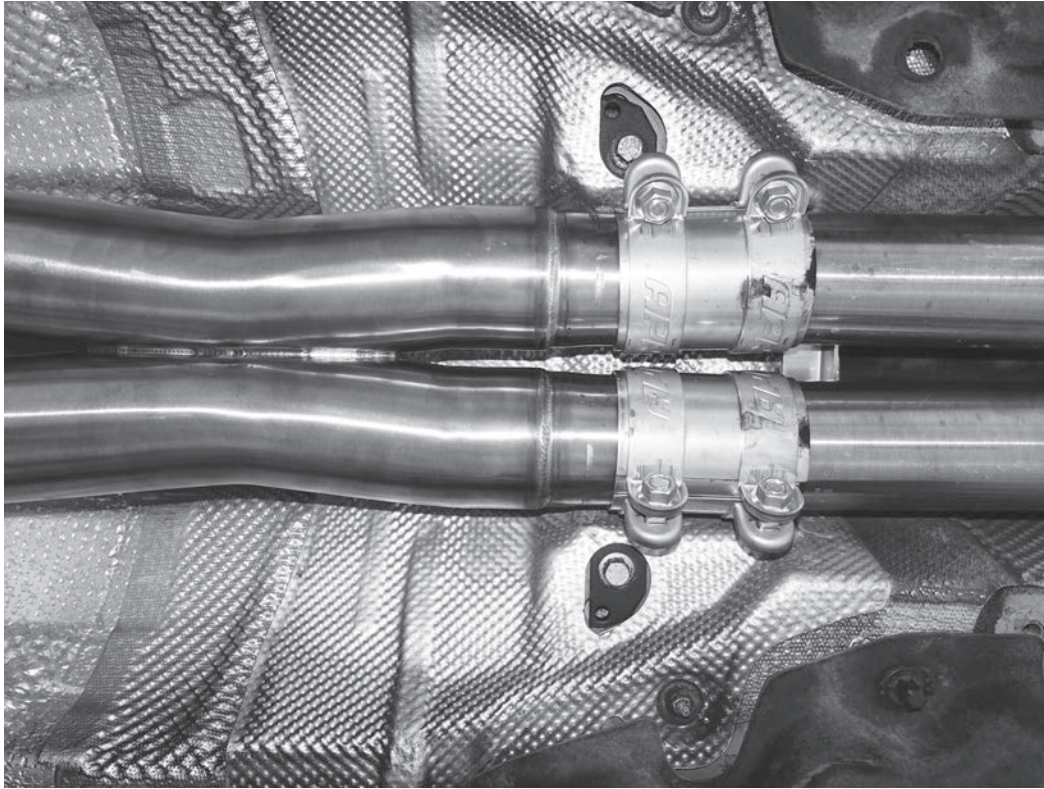


3) Place the X-Pipe underneath the car with the APR midpipes and APR catback already fitted. Align the front of the X-Pipe with the previously made marks that are 90mm behind the catalyst. Then, mark the APR catback approximately 20mm behind the “end” of the X-Pipe.

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4) Cut the APR midpipes and the APR catback for the X-Pipe to fit. These cuts can be made with a reciprocating saw or pipe cutter, as long as the cuts are perpendicular to the pipe at the locations marked. Depending on the cutting method preferred, it may be easier to remove the exhaust sections being cut from the car. To do so, follow the instructions for the installation of the APR Race DP's downpipes and the APR catback.





5) Connect the back of the X-Pipe to the now cut section of the APR catback with sleeve clamps. Slide the sleeve clamps in place as shown and very loosely secure them. Ensure the pipes can still rotate inside the clamps for now. There should be approximately a 10mm (3/8") gap between the back of the X-Pipe and the beginning of the APR catback - do not butt the X-Pipe up to the beginning of the APR catback.

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6) Connect the front of the X--Pipe to the back of the now cut APR midpipes. Slide the sleeve clamps in place as shown and very loosely secure them. Ensure the pipes can still rotate inside the clamps for now. There should be approximately a 10mm (3/8") gap between the back of the APR midpipes and the beginning of the X-Pipe - do not butt the APR midpipes up to the beginning of the X-Pipe. Working from front to back, tighten all the 13mm sleeve clamps connecting the X-Pipe to the APR exhaust to 25Nm (18 lb-ft).



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