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2003-2010 Saab 9-3 Krona Cat-back exhaust Installation Instructions

What's Included:

- ⌚ (1) 3" to factory adapter
- ⌚ (1) 3" center pipe with resonator
- ⌚ (1) 3" under axle pipe
- ⌚ (1) 3" hybrid muffler with dual 2.5" exhaust tips
- ⌚ (2) 76mm (3") exhaust band clamp
- ⌚ (1) 63.5mm (2.5") exhaust band clamp



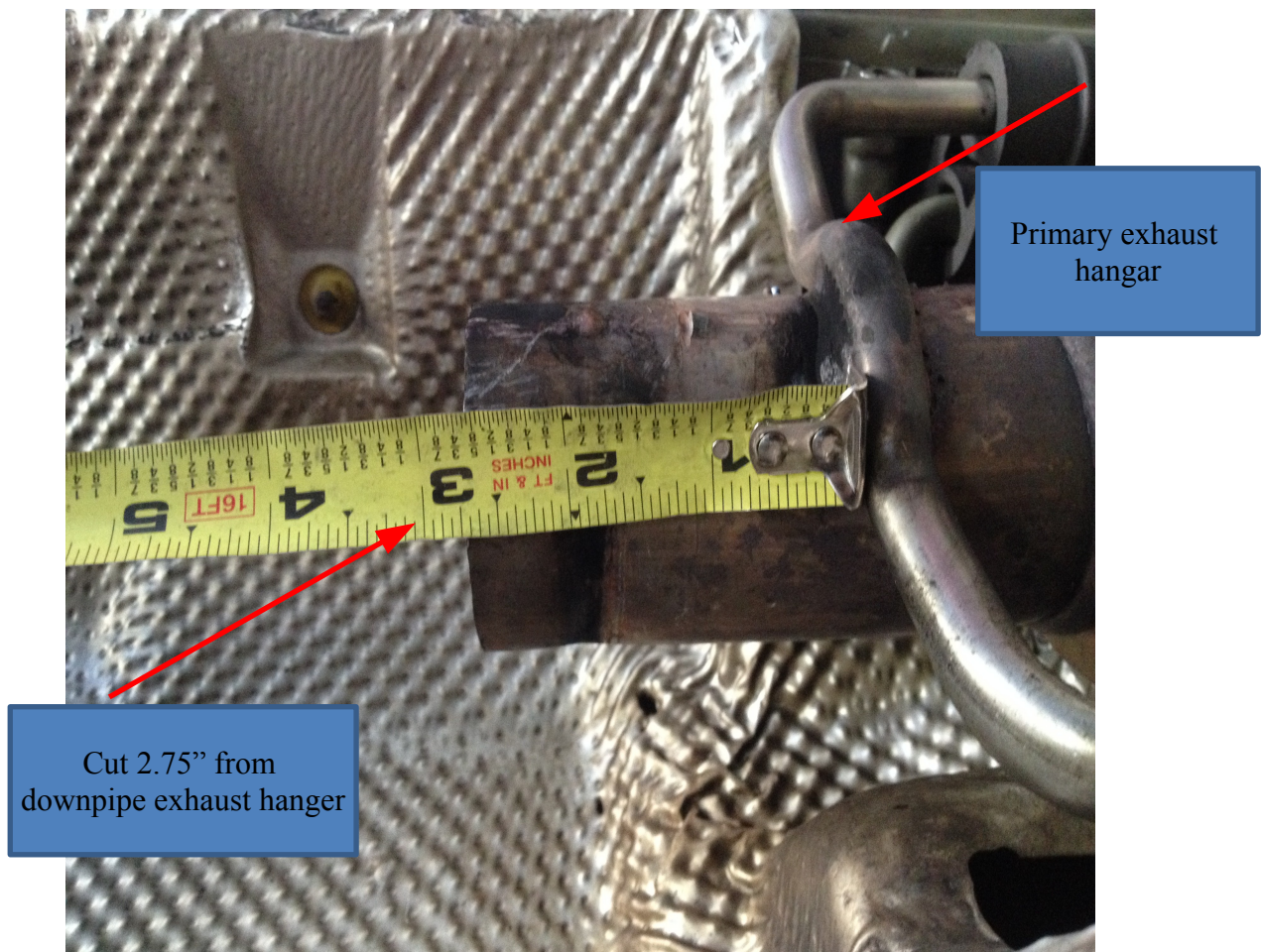
Installation:

1.

Place the vehicle in a secure location and allow the vehicle to cool. Support the vehicle high enough off the ground that you can work easily under the car (please be very diligent when supporting the vehicle, you can't enjoy all the performance you're about to gain if the car falls on your head).

2.

To install the cat-back system it is necessary to locate the primary exhaust hanger coming off the factory down pipe as pictured below. Using the exhaust hanger as a reference point, measure exactly 2.75" inches from the hanger towards the OE center resonator and make a clean cut as pictured below.



3.

There are only 6 rubber exhaust hangers holding the OE exhaust to the vehicle (two at the OE downpipe after the flex joint, one just after the center resonator, one just before the rear muffler and two on the rear muffler. Remove the exhaust from the downpipe back by slipping the factory hangars from the rubber mounting points. With a little bit of elbow grease you can slide the factory system out from under the vehicle (If all else fails talk nice to it ;-))

4.

Once the factory system is removed from your cut to the rear of the car you are not ready to begin the installation of your new 3" Krona exhaust system. You can now slide the provided adapter section (clamp first) over the factory system and loosely align as pictured below. At this time **DO NOT TIGHTEN!****If the clamp is not just on the edge of the coupler, it will not seal properly!**



5.

Next you may move to connecting the 3" resonator section to the Krona adapter pipe. Be sure to slip a 3" clamp over the end of the adapter pipe before making the connection.



6.

Next you may move to connecting the under axle pipe (be sure to slide a clamp over the end closest to the resonator prior to making the connection). Your progress should look similar to the pictures below. Slide exhaust hangers into the factory location. Pay close attention to the spacing of the center resonator pipe and the bend in the under axle pipe on the body of the car. As the system thermally expands it will grow outward and can expand up to a $\frac{1}{4}$ inch. (The clearance below is spaced perfectly.)



7.

The following modification can be disregarded on vehicles equipped with a factory cut out (lucky you guys ;-)). Vehicles which utilize the “hidden tip section” from the factory will need to have the bumper trimmed for proper tip location on the Krona system. **This must be done at your own risk as a slip with a saw or grinder could permanently damage your rear valence.** On our test vehicle we used a grinder and **VERY** carefully cut of the factory opening as the outline on the inside of your bumper dictates.



18.

Once you have made the bumper modification you should now be getting excited... You are almost done :-)! You may now install the muffler/tip section, be sure to slip a clamp over the under axle pipe prior to making the connection. Lift the muffler into place and install the hangers in the factory location.



19.

Position the muffler so that it is center perfectly in the bumper cut out. Once you are happy with its location you may now tighten all exhaust clamps starting with the muffler and working your way forward.

Torque all slip fit connections to 20 ft lbs.

ALL DONE!, Now.....

Go let everyone in a 30 mile radius know that you just installed the best exhaust on the market :-)!!!

Final Check off list

1. Reinstall O2 sensors and make sure to use a small amount of anti seize at each location (don't forget to reconnect them).
2. **IMPORTANT:** Wipe the system clean of all dirt, finger prints or debris using a glass cleaner, simple green or similar. (Once the exhaust gets hot, any remaining dirt particles will burn onto the finish and become permanent.)
3. Ensure the exhaust tips protrude evenly inside the bumper and no parts of the exhaust system are touching the chassis or body paneling.
4. Start your car to check for leaks ...and to hear your new Krona exhaust system!

Please note: It is completely normal for exhaust to smell initially and for the first couple drives. This will slowly dissipate as the system heat cycles several times.

Upon breaking the system in and the thermal expansion and contraction of the metal it may be necessary to retighten the turbo studs and exhaust band clamps.

If you have any questions or comments please feel free to send us an email saab@kronaperformance.com.