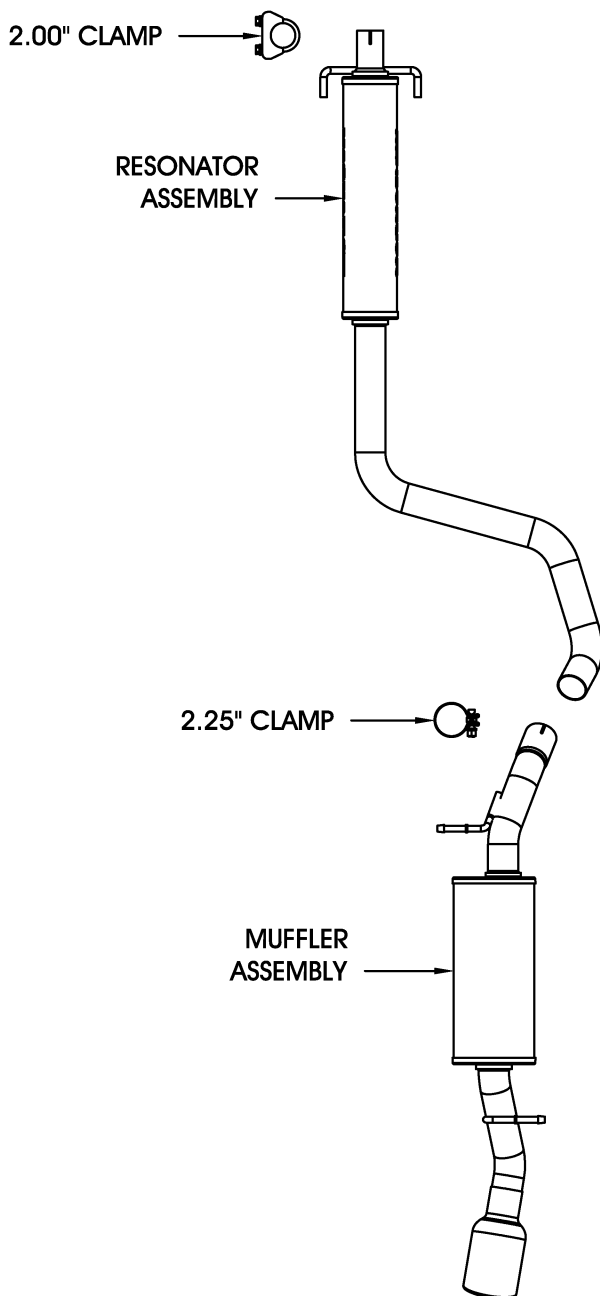


2003- SCION XA - 4cyl. 1.5L

Warning: When working on, under, or around any vehicle exercise caution. Please allow the vehicle's exhaust system to cool before removal, as exhaust system temperatures may cause severe burns. If working without a lift, always consult vehicle manual for correct lifting specifications. Always wear safety glasses and ensure a safe work area. Serious injury or death could occur if safety measures are not followed.

Step 1: (Carefully read all instructions before installation) Disconnect the vehicle's battery before removal of the OEM exhaust. This will allow the computer to reset itself with the new system, and prevent electrical accidents. Begin removal of the OEM exhaust system by unbolting the muffler from the resonator assembly at the flange near the axle. Take care not to damage the OEM rubber insulators when removing the muffler and resonator assembly. You will need to cut the exhaust pipe approximately 3.50" behind the center of the O2 sensor as shown in Diagram 2 to remove the resonator assembly. Be sure to deburr the inner and outer edges of the pipe before installing the new resonator assembly.

Step 2: Install the new resonator assembly by fitting the welded hanger into the OEM rubber insulators, and by clamping the inlet pipe to the outlet of the catalytic converter (Leave all clamps and fasteners loose for final adjustment of the complete system). Fasten the muffler assembly to the resonator assembly using the supplied 2.25" clamp, and fit the welded hangers into the OEM rubber insulators.



*MAGNAFLOW Performance Exhaust recommends professional installation on all their products

Technical support: 1-800-959-9226 ext. 4500

MAGNAFLOW Performance Exhaust - 22961 Arroyo Vista - Rancho Santa Margarita, CA 92688

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DIAGRAM 2



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Step 3: With all components mounted loosely, adjust the system for overall aesthetics and clearance of frame & bodywork. (MAGNAFLOW recommends at least 1/2" of clearance between the exhaust system and any body panels to prevent heat-related body damage or fire.)

Step 4: Once a final position has been chosen for the new system, evenly tighten all fasteners from front to rear. The supplied 2.25" band clamp must be VERY tight to properly align the pipes and prevent leaks (Approximately 40ft-lbs). Inspect all fasteners after 25-50 miles of operation and retighten if necessary.