

## INSTALLATION INSTRUCTIONS FOR 16841

### SYS M/B 70-73 Chevy Corvette 454

**NOTE:** Magnaflow Performance exhaust systems are designed for a correct fit on vehicles with OEM components. Aftermarket accessories such as headers, and/or cross-over assemblies (H-pipe / X-Pipe) may not fit like the OEM components, and may require fabrication for proper fit of your MAGNAFLOW system.

**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 safe work area. Serious injury or death could occur if safety measures are not followed.

**Step 1:** To begin removal of your OEM exhaust system, you will need to cut the exhaust pipes at the back of the cross member, this will make removal much simpler. Next unbolt the pipes from the mounting bracket located in front of the cross member, this mounting bracket can be completely removed and discarded as it will not be re-used. Unfasten the tail pipe/muffler assemblies from the OEM rubber insulators and remove. Next unbolt the OEM inlet pipes from the exhaust manifolds and remove.

**Step 2:** Begin installation by mounting the Magnaflow supplied adjustable hangers to the rear frame rails per Fig 1., these will facilitate adjustment of the exhaust to align the tips in the rear valance. Leave all components loose until a final position is chosen for aesthetics and clearance. Next install the new Front Inlet pipes to the exhaust manifolds with the supplied flanges and the OEM fasteners. Working rearwards, slide the X-pipe through the cross member and fasten into place using the new Magnaflow supplied mounting hardware as shown in Fig. 2. Mount the Tailpipe Extensions next. Finish by installing the Muffler Assemblies using the Magnaflow supplied rubber insulators.

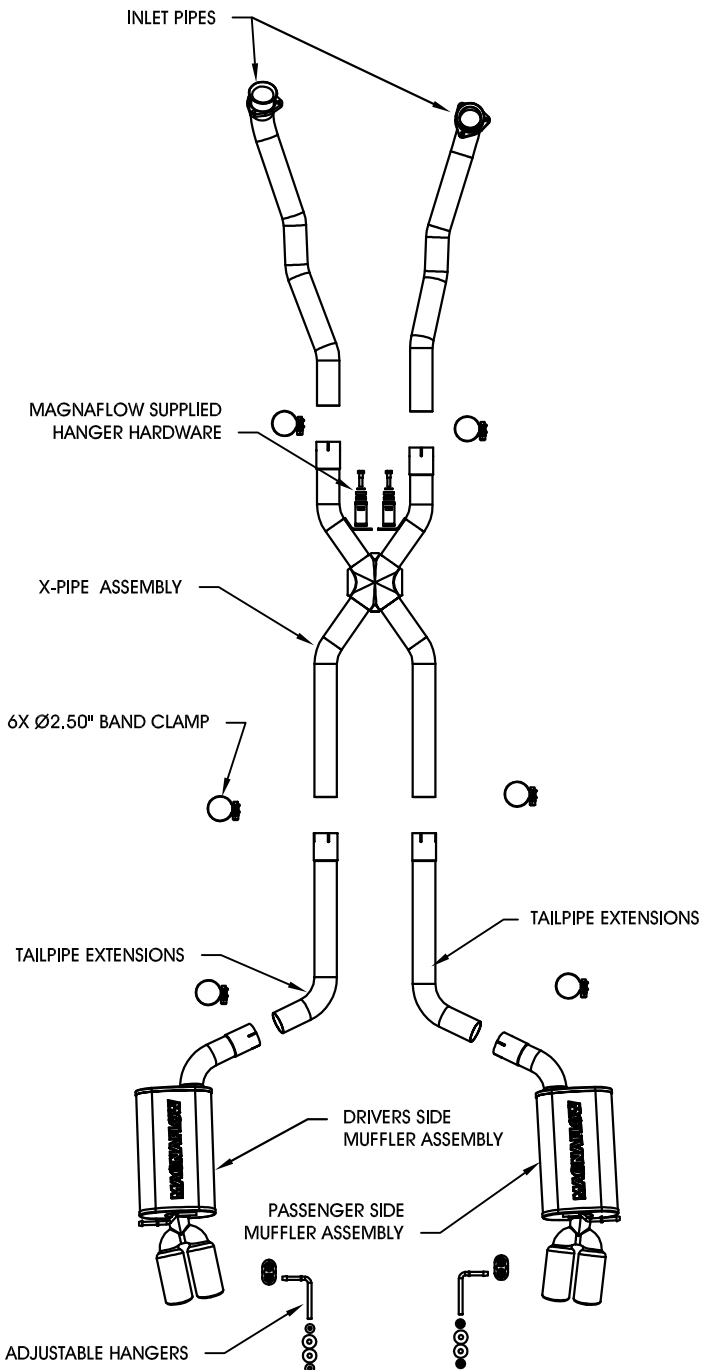
**Step 3:** Adjust all components for clearance of the frame, bodywork and overall aesthetics. (MAGNAFLOW recommends at least 1/2" of clearance between the exhaust tips and the rear valance to avoid heat related body damage or fire.) if necessary.

Sheet 1 of 2

\*MAGNAFLOW Performance Exhaust recommends professional installation on all their products

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

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Fig 1.



**Step 4:** Once a final position has been set, evenly tighten all fasteners from front to rear, including the OEM H-pipe fasteners, U-bolt clamps and the tip assembly fasteners to complete installation. Inspect all fasteners after 25-50 miles of operation, and re-tighten if necessary.

Fig 2.



Sheet 2 of 2

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