



SYSTEM #17234

1986-1991 CHEVROLET CAMARO/PONTIAC FIREBIRD

5.0L & 5.7L ENGINE • LOW OUTPUT/SINGLE CAT

08/10/09

Removal:

- 1) Raise the vehicle up on a hoist or rack to working height. If you do not have access to a hoist or rack raise the vehicle and support securely with jack stands.
- 2) Support the stock muffler with a stand. Then using a hacksaw or sawsall, cut the over-axle pipe where it enters the muffler case. Unbolt the left side tailpipe hanger from the rubber mount and remove the muffler/tailpipe assembly from under the vehicle.
- 3) Cut the exhaust pipe in front of the axle. (See figure A.) Remove the two screws that secure the over-axle pipe hanger to the frame. Save the two screws and the rubber hanger for reuse with the Flowmaster system. Remove the over-axle pipe from the axle.
- 4) Disconnect the remaining section of the system by removing the two bolts and the flanged connection behind the catalytic converter. Remove this section from under the vehicle.

Installation:

- 1) Before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.
- 2) Using the stock bolts, connect converter pipe **#16014** to the back of the catalytic converter.
- 3) Slip intermediate pipe **#26103** onto the rear of converter pipe **#16014** and support with a stand. Clamp lightly with one of the clamps provided.
- 4) Place the stock hanger removed in Step 3 above onto the hanger welded to the over-axle pipe **#26088**. Slide the pipe over the axle from the rear and onto pipe **#26103**. Reconnect the hanger to the frame using the stock screws.
- 5) Place the inlet of muffler **#530831** onto the end of pipe **#26088**. Install the left tailpipe **#26102** by sliding the tailpipe into the muffler outlet. Attach the hanger to the rubber hanger using the 5/16" bolt, nut and washers. Install a 3" clamp onto the inlet and outlet connections and tighten enough to hold, but still allow for adjustment.
- 6) Install the right tailpipe **#26097** by sliding the pipe into the muffler outlet. Install a 3" clamp and tighten enough to hold in place, but still allow for adjustment.

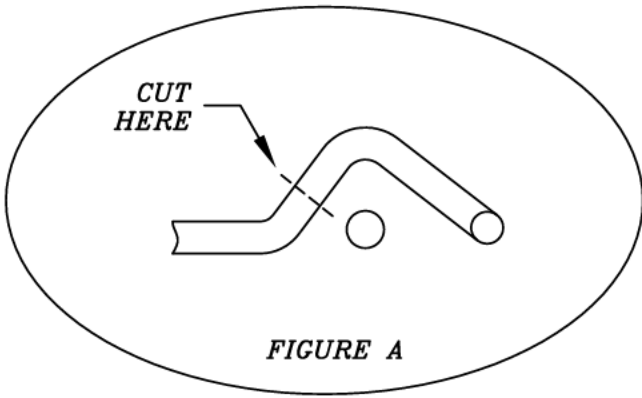
7) Adjust the position of the muffler and pipes to provide a satisfactory fit and tighten securely. Maintain a minimum of 3/4" clearance between the Flowmaster system, the drivetrain and chassis components, while also keeping suspension travel and vibration in mind.

8) For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high temperature paint over the welded areas can help to prevent surface rust and premature corrosion.



Installation diagram for:
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PACKING LIST

QTY.	PART#	DESCRIPTION
1	16014	CONVERTER PIPE
1	26103	INTERMEDIATE PIPE
1	26088	OVER-AXLE PIPE
1	530831	MUFFLER
1	26102	RIGHT TAILPIPE
1	26097	LEFT TAILPIPE
1	PK404	PARTS KIT
5	MC300G	3" CLAMP
1	5/16" X 1-1/4" HEX BOLT	
1	5/16" HEX NUT	
1	5/16" LOCK WASHER	
1	5/16" FENDER WASHER	

