



SYSTEM #17233

1986-1991 CHEVROLET CAMARO/PONTIAC FIREBIRD
5.0L & 5.7L HIGH OUTPUT ENGINES W/SINGLE CAT

12/02/09

Removal:

- 1) Disconnect the negative side of the battery cable. Raise the vehicle up on a hoist or rack to working height and support securely with jack stands.
- 2) Support the stock muffler with a stand. 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 vehicle.
- 4) Disconnect the remaining section of the system by removing the two bolts at the flange 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) Take flange **#SF001** and slide it onto converter pipe **#26003**. Using the stock bolts connect the pipe **#26003** to the back of the catalytic converter.
- 3) Slip intermediate pipe **#26103** onto the rear of pipe **#26003** and support with a stand. Clamp lightly with one of the clamps provided.
- 4) Place the stock hanger removed in step three 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**. Then 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.

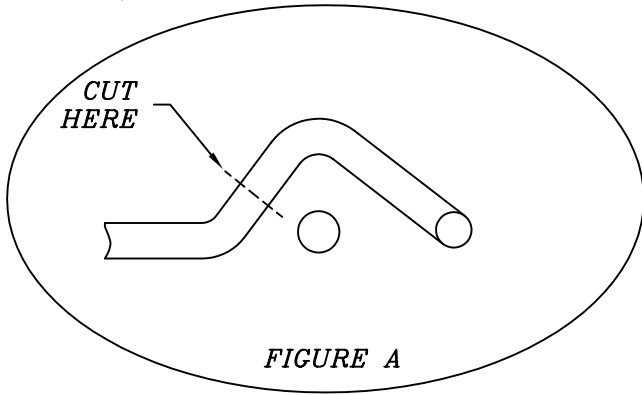
- 6) Install the right tailpipe **#26097** by sliding the pipe into the muffler outlet. Install a 3" clamp and tighten enough to hold, but still allow for adjustment.
- 7) Adjust the position of all pipes and muffler to provide a satisfactory fit. A minimum of 3/4" clearance around all parts of the system must be maintained; 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:
SYSTEM #17233

1986-1991 CHEVROLET/PONTIAC FIREBIRD
5.0L & 5.7L HIGH OUTPUT ENGINES W/SINGLE CAT

AMERICAN THUNDER



PACKING LIST

QTY.	PART#	DESCRIPTION
1	26003	CONVERTER PIPE
1	26103	INTERMEDIATE PIPE
1	26088	OVER-AXLE PIPE
1	530831	MUFFLER
1	26102	RIGHT TAILPIPE
1	26097	LEFT TAILPIPE
1	PK403	PARTS KIT
1	SF001	FLANGE
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

