



FORCE II[™] **SYSTEM #17152**

1986-1991 CHEVROLET CAMARO / PONTIAC FIREBIRD
5.0L & 5.7L LOW OUTPUT ENGINE · SINGLE CAT

10/27/09

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 and unbolt the left side tailpipe hanger. Using a hacksaw or sawsall, cut the muffler inlet pipe where it enters the muffler case. Remove the muffler/tailpipe assembly from under the vehicle and set aside.
- 3) Remove the two bolts that secure the hanger bracket to the over-axle pipe. Save these two bolts for reuse with the Flowmaster System.
- 4) Cut the exhaust pipe in front of the axle (see figure A), then remove the pipe from over the axle.
- 5) 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) Using the stock bolts, connect converter pipe **#16014** to the back of the catalytic converter.
- 3) Slip intermediate pipe **#26001** onto the rear of the converter pipe and support with a stand. Install one of the provided clamps and tighten just enough to hold in position.
- 4) Place the stock hanger removed in Step 3 above onto the hanger welded to the over-axle pipe **#26019**. Slide the pipe over the axle from the rear and onto pipe **#26001**. Reconnect the hanger to the frame using the stock bolts.
- 5) Place muffler **#53058** onto the end of pipe **#26001** and install one of the provided clamps. Tighten just enough to hold in position.
- 6) Install the left tailpipe **#26014** by sliding the tailpipe into the muffler outlet. Attach the tailpipe to the stock rubber hanger using the provided 5/16" bolt, nut and washers. Install one of the provided 3" clamps and tighten just enough to hold in position.

7) Adjust the position of all muffler, pipes and tips to provide a satisfactory fit. 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) Tighten down all clamped connections securely.

9) 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.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part #</u>	
1	Converter Pipe	16014	
1	Intermediate Pipe	26001	
1	Over axle Pipe	26019	
1	Muffler	53058	
1	Tailpipe	26014	
1	Parts Kit	PK152	
4	3" Clamp		MC300G
1	5/16 x 1 1/4" Bolt		
1	5/16" Nut		
1	Lock Washer		
1	Fender Washer		



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Installation diagram for:
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