

FLOWMASTER

FORCE II™

SYSTEM #17152

**1986-91 CHEVROLET CAMARO/PONTIAC FIREBIRD
5.0L AND 5.7L LOW OUTPUT ENGINES WITH SINGLE CAT.**

01/13/00

Removal:

- 1) Raise the rear of the vehicle and support with jack stands.
- 2) Support the stock muffler with a stand and unbolt the left side tailpipe hanger.
- 3) Using a hacksaw or sawsall, cut the muffler inlet pipe where it enters the muffler case. Remove the muffler/tailpipe assembly from underneath the vehicle.
- 4) Remove the two bolts that secure the hanger bracket to the “over axle” pipe. Save these two bolts for reuse with the Flowmaster system.
- 5) Cut the exhaust pipe in front of the axle. (See figure A.) Then remove the pipe from over the axle.
- 6) 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) Using the stock bolts connect converter pipe #16014 to the back of the catalytic converter.
- 2) Slip intermediate pipe #26001 onto the rear of converter pipe 16014 and support with a stand. Clamp lightly with one of the clamps provided.
- 3) Place the stock hanger removed in step four 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.
- 4) Place muffler #53033 onto the end of pipe #26001 and install one of the clamps provided, clamp tightly enough to hold but still allow for adjustment.
- 5) Install the left tailpipe # 26014 by sliding the tailpipe into the muffler outlet, then attach the tailpipe to the stock rubber hanger using the 5/16" bolt, nut and washers. Install a 3" clamp, tighten enough to hold in place but still allow for adjustment.

- 6) Adjust the position of the pipes and the muffler to provide a satisfactory fit. Now all the connections can be tightened down securely. Try to keep at least 3/4" clearance around all parts of the system to avoid any rattles. Also keep suspension travel in mind.

NOTE: FLOWMASTER RECOMMENDS WELDING ALL SLIP FIT CONNECTIONS.

PACKING LIST FOR 17152

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>PART NUMBER</u>
1	Converter Pipe	16014
1	Intermediate Pipe	26001
1	Overaxle Pipe	26019
1	Muffler	53033
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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