



FORCE II **SYSTEM #17151**

1986-1991 CAMARO Z-28 / FIREBIRD TRANSAM / FORMULA
5.0L & 5.7L HIGH OUTPUT · SINGLE CAT

11/11/09

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 underneath the vehicle.
- 3) Remove the two bolts that secure the hanger bracket to the over axle pipe. (Save this piece for re-use.)
- 4) Cut the exhaust pipe in front of the axle (*See figure A.*) and remove the pipe from the over-axle.
- 5) Disconnect the remaining section of the exhaust pipe from the flange joint behind the catalytic converter. Remove 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) Slide flange **#SF001** onto pipe **#26003** and using the stock bolts, connect pipe **#26003** to the flange joint at the rear of the catalytic converter.
- 3) Slip intermediate pipe **#26001** onto pipe **#26003**, and support with a stand. Clamp lightly with one of the provided clamps.
- 4) Position pipe **#26019** over the axle and connect it to pipe **#26001**. Clamp lightly with one of the clamps provided.
- 5) Place the stock hanger onto the pipe hanger and bolt it back into the stock location.
- 6) Slide the muffler onto the inlet pipe **#26019** and support with a stand. Clamp lightly with one of the clamps provided.
- 7) Connect tailpipe **#26014** to the muffler outlet. Clamp lightly with one of the clamps provided.

- 8) Using the provided bolt, nut, and washer attach the tailpipe to the stock rubber hanger.
- 9) 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.
- 10) 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	Cat pipe assembly	26003
1	Intermediate pipe	26001
1	Over-axle pipe	26019
1	Muffler	53058
1	Tailpipe	26014
1	Parts kit	PK151
4	Clamps	MC300G
1	Flange	SF001
1	Bolt	5/16" X 1 1/4"
1	Nut	5/16"
1	Fender washer	5/16"
1	Lock washer	5/16"



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Installation diagram for:
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