

# **FLOWMASTER™**

## **AMERICAN THUNDER™**

### **SYSTEM #17199**

#### **1998-02 CHEVROLET CAMARO/PONTIAC FIREBIRD**

#### **V8 ENGINES**

October 22, 2002

#### **Removal:**

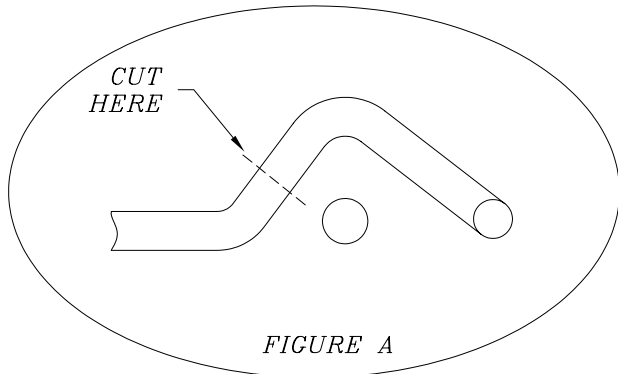
- 1) Raise the rear of the vehicle and support with jack stands.
- 2) Using a hacksaw or sawsall, cut the over axle pipe off. (see Figure A).
- 3) Loosen the band clamp on the adapter pipe. Once loose the front pipe may be removed from under the vehicle.
- 4) Remove the two screws that secure the rubber hanger mount to the frame on the right side of the vehicle behind the rear axle. This hanger will be reused for the Flowmaster system.
- 5) Slide the hanger on the left tailpipe out of the rubber mount. This will allow the tail pipes and muffler to be removed from under the vehicle.

#### **Installation:**

- 1) Place intermediate pipe # 26087 into position behind the catalytic converter. Install the 2<sup>3</sup>/<sub>4</sub>" clamp provided and tighten enough to hold in place but still allow for adjustment.
- 2) Install over-axle pipe #26088 over the axle from the rear and onto pipe #26087. Then slide the rubber hanger removed in step four above onto the pipe hanger and reinstall onto the frame. Install a provided 3" clamp and tighten enough to hold clamp in place but still allow for adjustment.
- 3) Place inlet of muffler #530831 onto the end of the over-axle pipe and support with a stand. Then install the left tailpipe # 26098 by sliding the pipe hanger into the factory rubber mount, then insert the pipe into the muffler outlet. Install a 3" clamp onto the inlet and outlet connection and tighten enough to hold in place but still allow for adjustment.
- 4) Install the right tailpipe # 26097 by sliding the pipe into the muffler outlet. Install a 3" clamp, tighten enough to hold in place but still allow for adjustment.
- 5) 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. After all the adjustments have been made, slide the provided 7/16" hanger keeper onto the end of the hanger that is welded to the left tailpipe. This will prevent the hanger from slipping out of the rubber mount.

**NOTE: FLOWMASTER RECOMMENDS WELDING ALL SLIP FIT CONNECTIONS**

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*FIGURE A*

*PACKING LIST*

<i>QTY.</i>	<i>PART#</i>	<i>DESCRIPTION</i>
1	26087	ADAPTER PIPE
1	26088	OVER-AXLE PIPE
1	530831	MUFFLER
1	26097	RIGHT TAILPIPE
1	26098	LEFT TAILPIPE
1	PK320	PARTS KIT
1	MC234S	2 3/4" CLAMP
4	MC300G	3" CLAMP
1	7/16"	HANGER KEEPER

