



409S[®] Stainless Steel SYSTEM #817199

**1998-2002 CHEVROLET CAMARO/PONTIAC FIREBIRD
5.7L V8 ENGINE**

06/06/11

Removal:

- 1) Disconnect the negative side of the battery cable. Raise the vehicle up on a hoist or rack and support securely with jack stands.
- 2) Using the 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 tailpipes and muffler to be removed 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) Place intermediate pipe **#26087S** into position behind the catalytic converter. Install the 2 3/4" clamp provided and tighten enough to hold, but still allow for adjustment.
- 3) Install the over-axle pipe **#26088S** over the axle from the rear and onto pipe **#26087S**. Slide the rubber hanger removed in Step 4 above onto the pipe hanger and reinstall onto the frame. Install a provided 3" clamp and tighten enough to hold, but still allow for adjustment.
- 4) Place inlet of muffler **#8530831-Z** onto the end of the over-axle pipe and support with a stand. Install the left tailpipe **#26098S** 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, but still allow for adjustment.
- 5) Install the right tailpipe **#26097S** by sliding the pipe into the muffler outlet. Install a 3" clamp and tighten enough to hold, but still allow for adjustment.

- 6) Adjust the position of all pipes and muffler and tailpipe to provide a satisfactory fit. Maintain a minimum of 3/4" clearance around all parts of the system; while keeping suspension travel and vibration in mind.
- 7) Tighten down all clamped connections securely. Slide the 7/16" hanger keeper onto the end of the left tailpipe. This will prevent the rubber hanger from sliding out of the mount.
- 8) For a more secure installation, we recommend welding all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Adapter Pipe	26087S
1	Over-Axle Pipe	26088S
1	Muffler	8530831-Z
1	Right Tailpipe	26097S
1	Left Tailpipe	26098S
1	Parts Kit	PK550
1	2 3/4" Clamp	MC234BS
4	3" Clamp	MC300BS
1	7/16" Hanger Keeper	HW502



Installation diagram for:
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**AMERICAN
THUNDER**

409S, Stainless Steel

