



Installation Instructions

SYSTEM #817579

2005-2008 CHEVY COBALT

2 & 4 Door Models

2.4L Engine & 2.0L Super Charged Engine Only



4099₆ Stainless Steel

06/13/12

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. Spray a penetrating lubricant onto the nuts of the flanged connection behind the catalytic converter and also the rubber hangers that support the stock exhaust system.



2) In order to remove the stock system from the vehicle, the system will need to be cut in half. Support the rear muffler with a stand, then using a hacksaw or sawzall, cut the pipe just before it passes over the rear axle.



3) Remove the two nuts attaching the factory mid pipe to the rear of the catalytic converter. Once the flange is loose, remove the hanger at the rear of the pipe from the rubber mount on the vehicle and lower the pipe from the vehicle.



4) At the rear of the vehicle, remove the three hangers on the muffler and over-axle pipe assembly from the rubber mounts on the vehicle and lower the stock muffler from the vehicle.



5) Place inlet pipe **#16768S** onto the back of the catalytic converter and then using the 3/8" nuts, bolts and washers provided, bolt the two flanges together and tighten securely. Connect the hanger at the back of the pipe to the rubber mount on the vehicle.



6) Place a provided clamp onto the expanded end of over-axle pipe **#16769S** and slide onto the back of the inlet pipe **#16768S**. Rotate the pipe up into its approximate position and connect the hanger on the pipe to the rubber mount on the vehicle. Tighten the clamp enough to hold, but still allow for adjustment.



7) Place a provided clamp onto the inlet of muffler **#852562-267** and slide the inlet onto the back of over-axle pipe **#16769S**. Support the muffler with a stand and connect the two hangers on the muffler assembly to the rubber mounts on the vehicle. Tighten the clamp on the muffler inlet enough to hold, but still allow for adjustment.



8) Place the **ST339** stainless tip onto the muffler outlet and adjust to the desired position. Tighten the clamp enough to hold, but still allow for adjustment.

9) Adjust the position of all pipes and mufflers to provide a satisfactory fit. Be sure to maintain an adequate clearance around all parts of the system to avoid rattles or damage to heat sensitive components. Once you're happy with the fit, tighten all connections down securely. For a more secure installation, we highly recommend welding all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Inlet Pipe	16768S
1	Intermediate Pipe	16769S
1	Muffler Assy.	852562-267
1	Stainless Tip	ST339
1	Parts Kit	PK639
2	2½" Band Clamp	MC250BS
4	1/2" Hanger Keepers	HW503
1	Gasket	GA117
2	3/8" x 1¼" Bolt	HW209
2	3/8" Nut	HW103
4	3/8" Flat Washer	HW303
2	3/8" Lock Washer	HW309



409S[®] Stainless Steel

Installation diagram for:
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