



## 409S Stainless Steel

# Installation Instructions for: SYSTEM #817662 1975-1979 CHEVROLET CORVETTE 5.7L · V8 ENGINE

09/04/13

### Removal:

1) Remove the four bolts at the rear of the catalytic converter and remove the existing exhaust system from the vehicle from this point back. Unbolt the factory hangers at the rear of the mufflers; these will not be used with the Flowmaster system.

### Installation:

1) Place the provided **HA572** rubber hanger onto the wire hanger of Y-pipe assembly **#86105S** as shown in photo 1 below. Place the **#86105S** into position behind the catalytic converter and support with a stand, using four of the 3/8" nuts, bolts and lock washers provided, secure the two flanges together. Also secure the **HA572** rubber hanger to the two holes in the bottom of the cross member using two 3/8" nuts, bolts and lock washers provided.



2) Place a provided clamp onto both outlets of Y-pipe assembly **#86105S**. Place one of the supplied **HA602** rubber mounts onto the wire hanger of right muffler assembly **#842554-321**. Place the muffler assembly onto the back of the Y-pipe and slide the two pipes full together, support the muffler with a stand. Using a supplied 3/8" bolt, nut, washer and lock washer, bolt the HA602 hanger to the hole in the frame above the muffler outlet.



3) Place one of the supplied **HA602** rubber mounts onto the wire hanger of left muffler assembly **#842554-320**. Place the muffler assembly onto the back of the Y-pipe and slide the two pipes full together, support the muffler with a stand. Using a supplied 3/8" bolt, nut, washer and lock washer, bolt the HA602 hanger to the hole in the frame above the muffler outlet.



4) Adjust the position of the pipes and mufflers to provide a satisfactory fit. A minimum of 3/4" clearance around all parts of the system must be maintained; while also keeping suspension travel and vibration in mind. Tighten all clamped connections down securely.

5) 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	Y-Pipe Assembly	86105S
1	Left Muffler	842554-320
1	Right Muffler	842554-321
1	Parts kit	PK741
2	2 1/2" Clamp	MC250BS
1	Gasket	GA132
8	3/8" x 1" Bolt	HW208
8	3/8" Lock Washer	HW309
2	3/8" Flat Washer	HW303
8	3/8" Nut	HW103
1	Rubber Hanger	HA572
2	Rubber Hanger	HA602



Installation diagram for:  
**SYSTEM #817662**  
1975-1979 CHEVROLET CORVETTE  
5.7L · V8 ENGINE

**AMERICAN THUNDER**

**409S, Stainless Steel**

