



FORCE II

409S Stainless Steel

Installation Instructions

817695

**1968-69 CHEVROLET
CORVETTE STINGRAY**

Removal:

Rev. 12/8/2021

- 1) Remove existing exhaust system starting 2.75" behind crossmember. Unbolt factory hangers at rear of mufflers; these will not be used with your Flowmaster system.

Installation:



- 1) Starting just behind cross-member, place provided 2.50" clamp onto expanded ends of X-pipe assembly **86233S**, then slide it onto rear of manifold pipes (verifying connections are secure). Place stand under assembly rear and tighten clamps just enough allow for later adjustment. The Flowmaster embossed side of assembly should face ground.



- 2) Place a provided clamp onto both outlets of X-pipe assembly **86233S**. Place the expanded end of mid pipe **86241S** onto the right outlet of the X-pipe assembly. Rotate the pipe up into position and support the rear of the pipe with a stand. Tighten the clamp enough to hold, but still allow for adjustment. Repeat this step on the left side of the vehicle with pipe **86242S**.

- 3) Place one of the supplied **HA602** rubber mounts onto the wire hanger of right muffler assembly **842557-357**. Place a provided clamp onto the muffler inlet, then place the assembly onto the back of the mid pipe and slide the two fully 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) Place one of the supplied **HA602** rubber mounts onto the wire hanger of left muffler assembly **842557-356**. Place a provided clamp onto the muffler inlet, then place the assembly onto the back of the mid pipe and slide the two fully 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.



5) 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.

6) 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	X-Pipe Assembly	86233S
1	Right Mid Pipe	86241S
1	Left Mid Pipe	86242S
1	Left Muffler	842557-356
1	Right Muffler	842557-357
1	Parts kit	PK787
6	2 1/2" Clamp	MC250BS
2	Rubber Hanger	HA602
2	3/8" x 1" Bolt	HW208
2	3/8" Nut	HW103
2	3/8" Flat Washer	HW303
2	3/8" Lock Washer	HW309



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Installation Diagram

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