

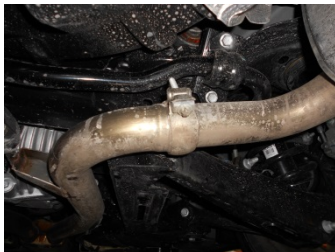


Installation Instructions for:  
**SYSTEM #817657**  
**2014 CHEVROLET SS**  
6.2L V8 ENGINE

**FORCE II™**  
**409S<sub>6</sub> Stainless Steel**

01/27/14

1) Begin by spraying all of the rubber hangers on the exhaust system as well as the bolts on the two flanged connections behind the forward catalytic converters with a penetrating lubricant, this will greatly ease the removal of the system. At the back of the vehicle, loosen the clamps that connect the mufflers to the center section of the exhaust system. Once the clamps are loose, separate the ball connection and lower the front of the muffler, then slide the muffler forward to disengage the hangers on the muffler from the rubber mounts on the vehicle. Set the muffler aside.



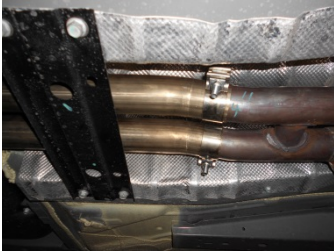
2) Remove the four bolts attaching the black body brace to the underside of the vehicle, set aside. Support the center section of the exhaust system with a stand and disengage the four hangers that support this section from the rubber mounts on the vehicle. Remove the bolts at the flanged connections behind the forward catalytic converters, then lower the stand and remove the center section of the exhaust from the vehicle.

3) With the center section of the stock system on the ground, this section will now have to be marked and cut for the installation of the new Flowmaster system. Measure forward 11 1/2" from the weld at the front of the large center resonator and make a mark on both inlet pipes. This location should be a few inches behind the small crossover pipe that connects the two rear converters together. Check that the measurement is correct and cut both pipes through. With a die grinder or file, remove any burrs on the forward section. Set the rear section aside.



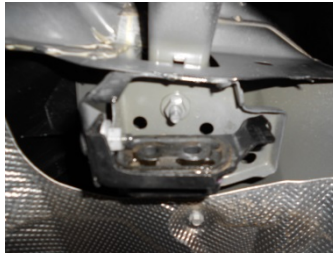


4) Reinstall the front (rear converter) portion of the system by reconnecting the two hangers on the assembly to the rubber mounts on the vehicle and reinstalling the two bolts on each of the two flanged connections behind the front converters. Tighten securely.



5) Install a provided 2 1/4" clamp onto the reduced and Z-notched end of intermediate pipe **#86207S**. Slide the pipe onto the right factory front pipe as far as it will go and rotate to its approx. position in the drive line tunnel. Support the rear of the pipe with a stand and tighten the clamp enough to hold, but still allow for adjustment. Repeat this step with pipe **#86208S** on the left side of the vehicle. You can now reinstall the black body brace, tighten securely.

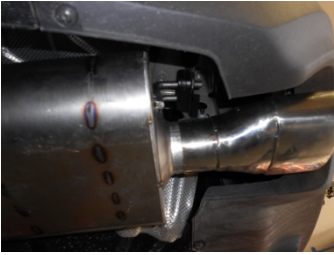
6) At the rear of the frame on either side of the vehicle there are the hangers that supported the rear of the mufflers, these hangers will need to be removed from the frame and put onto the hangers of the new Flowmaster mufflers. The top bolt will need to be removed; the side bolt just needs to be loosened slightly. Place the right hanger onto right muffler assembly **#852561-347** and the left hanger onto muffler **#852561-346**.



7) Install a provided 2 1/2" clamp onto the inlet of right muffler **#852561-347**. Slide the muffler inlet onto the back of the right intermediate pipe and support the muffler with a stand. Push the muffler up so that the hanger at the rear of the muffler can be reattached to the frame. Tighten both bolts securely. Connect the hanger at the front of the assembly to the rubber mount on the vehicle. Tighten the clamp enough to hold, but still allow for adjustment.



8) Install a provided 2 1/2" clamp onto the inlet of left muffler **#852561-346**. Slide the muffler inlet onto the back of the left intermediate pipe and support the muffler with a stand. Push the muffler up so that the hanger at the rear of the muffler can be reattached to the frame. Tighten both bolts securely. Connect the hanger at the front of the assembly to the rubber mount on the vehicle. Tighten the clamp enough to hold, but still allow for adjustment.



9) Place a **#ST447** stainless tip onto each of the muffler outlets and rotate the tip to the desired position. Tighten the clamps enough to hold, but still allow for adjustment.

Adjust the position of all pipes and muffler to provide a satisfactory fit. A minimum 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.

For a more secure installation, we recommend welding all slip-fit connections.

### PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Right Intermediate Pipe	86207S
1	Left Intermediate Pipe	86208S
1	Left Muffler Assy.	852561-346
1	Right Muffler Assy.	852561-347
2	Stainless Tip	ST447
1	Parts Kit	PK769
2	2 1/4" clamp	MC225BS
2	2 1/2" clamp	MC250BS



Installation diagram for:  
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2014 CHEVY SS SEDAN  
6.2L · V8 ENGINE

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