



Installation Instructions

SYSTEM #817543

2011-2013 DODGE CHARGER SE

FORCE II™

409S Stainless Steel

11/14/12



1) Raise the vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto all of the rubber hangers of the system. Use a 13mm socket to loosen the six nuts attaching the two factory body braces to the underside of the vehicle, set the braces aside for re-installation in step 4 below.



2) Use a 15mm socket to loosen the clamp at the slip-fit connection just forward of the left muffler behind the Y-pipe. Slide the two hanger rods out of the rubber mounts on the vehicle and remove the left muffler assembly.



3) Support the right side muffler with a stand, then using a 15mm socket, loosen the clamps at the Y-pipe connection behind the catalytic converters. Remove the four remaining hanger rods from the rubber mounts on the vehicle and slide the system back off of the head pipes.



4) Begin by placing a supplied 2 1/4" clamp onto each of the slip-fits of Scavenger pipe **#16705S**. Then place the Scavenger pipe onto the back of the stock head pipes (make sure the Flowmaster embossing is facing the ground). Level and center the assembly in the drive line tunnel and support with a stand. Tighten the two clamps enough to hold, but still allow for adjustment. Reinstall the two factory body braces removed in Step 1 above and tighten securely.



5) Place a supplied 2 1/2" clamp onto the inlet of each muffler **#842551-Z**. Then fully slide the mufflers onto the back of the Scavenger pipe assembly and support with stands. Level the mufflers and tighten the clamps enough to hold, but still allow for adjustment.



6) Because the factory exhaust system has only one muffler, there is no heat shielding on the left side of the vehicle. To provide heat shielding to the left muffler, place the **#51017** heat shield onto the top of the left muffler and secure with the stainless hose clamps provided in the kit.



7) Place a supplied 2½” clamp onto the left muffler outlet and slide the left tailpipe **#15158S** into position. Starting from the rear, connect the hangers on the tailpipe to the rubber mounts on the vehicle. Then slide the tailpipe into the muffler outlet. Adjust the tailpipe so that all hangers are level and tighten clamp enough to hold, but still allow for adjustment. Repeat this step for right tailpipe **#15159S**.

8) Adjust the position of all the pipes and mufflers to provide a satisfactory fit. A minimum of 1/2” clearance around all parts of the system must be maintained, while keeping suspension travel and vibration in mind. After adjustments have been made, you may now securely tighten all clamps.

9) After the system is secure, slide the 7/16” hanger keepers onto the ends of the hangers located at the rear of the vehicle. These will prevent the hangers from slipping out of the rubber mounts. For a cleaner appearance and more secure installation, we recommend welding all slip-fit connections.

PACKING LIST

<u>Qty.</u>	<u>Description</u>	<u>Part#</u>	
2	Mufflers	842551-Z	
1	Scavenger Assembly	16705S	
1	Left Tailpipe Assembly	15158S	
1	Right Tailpipe Assembly	15159S	
1	Heatshield Kit	51017	
1	Parts Kit	PK579	
2	2 ¼” Clamp		MC225BS
4	2-1/2” Clamp		MC250BS
6	7/16” Hanger Keepers		HW502



Installation diagram for:
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3.6L · V6 ENGINE

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