



Installation Instructions for:
SYSTEM #6350016
2011-2014 DODGE CHARGER R/T
5.7L · V8 HEMI ENGINE

08/17/15

Removal:

1) Raise vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber exhaust isolators as well as the two clamped connections at the center of the vehicle and the flanged connection behind the left muffler.



2) Using a 13mm socket, unbolt the left tailpipe assembly at the flanged connection at the rear of the muffler. Slide the three hanger rods out of the rubber mounts on the vehicle and remove the left tailpipe assembly.



3) Using the same 13mm socket, unbolt the two body braces between the catalytic converters and the mufflers. Place the two braces and nuts aside for reinstallation after the Flowmaster system is installed



4) Support the right side of the system with a stand, then using a 15mm socket; loosen the clamps at the slip fit connections behind the catalytic converters. Unclip the grounding strap from the middle hanger on the right side of the vehicle. Remove the three remaining hanger rods from the rubber mounts on the vehicle, then carefully lower the stand at the rear of the vehicle and with the help of an assistant slide the system back off of the head pipes and lower the system from the vehicle.

Installation:



1) Begin the installation by placing a supplied 2-1/2" clamp onto each of the inlets of the X-pipe assembly **#86373H**. Then, place the X-pipe onto the back of the stock head pipes (the embossed Hurst H will be 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 front body braces and tighten securely.



2) Place a supplied 2.50" clamp onto the inlet neck of both mufflers. Slide the mufflers onto the back of the Scavenger X-pipe assembly and support with stands. Level the mufflers and tighten the clamps enough to hold, but still allow for adjustment.



3) Place a supplied clamp onto the left muffler outlet. Place the left tailpipe **#86378H** into position and starting from the rear, connect the hangers on the tailpipe to the rubber mounts on the vehicle. Slide the tailpipe fully into the muffler outlet. Adjust the tailpipe so that the stainless tip is centered in the exhaust bezel. Tighten clamp enough to hold, but still allow for adjustment. Repeat this step for right tailpipe **#86377H**.



4) Adjust the position of the pipes, mufflers and tips 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. Check for adequate clearance between the X-pipe and body braces.

5) After the system is secure, slide the 7/16" hanger keepers onto the ends of all three hangers on each tailpipe. These will prevent the hangers from slipping out of the rubber mounts. Also reconnect the grounding clip to the middle hanger on the right side tailpipe. For a more secure installation, we recommend placing a minimum 1.00" weld at all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
2	Mufflers	3510006-Z
1	Scavenger Assembly	86373H
1	Right Tailpipe Assembly	86377H
1	Left Tailpipe Assembly	86378H
1	Hardware Kit	PK508
6	2-1/2" Clamp	MC250BS
6	7/16" Hanger Keepers	HW502



Installation diagram for:
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