



FORCE II **4099, Stainless Steel**

Installation Instructions for:
SYSTEM #817540
2012-2014 DODGE CHARGER/300 SRT8
6.4L HEMI · V8 ENGINE

02/06/14

Special Note: The stock exhaust system on these vehicles is fitted with “adaptive valves”. They are basically spring loaded butterfly valves installed to create backpressure, thereby, controlling sound. There is a backpressure sensor installed in the converter portion of the system that will set a MIL code (Malfunction Indicator Light) if the backpressure is out of parameters. Due to the reduction in backpressure (Increased Power) that this system provides, the MIL light may come on under very aggressive driving/hard acceleration; however, it should go off again after 3-5 engine start/stop cycles. The sensor is basically in place to signal if the butterfly gets stuck. Performance is not affected when the MIL is on. If desired, the use of a programmer may allow this function to be disabled.

Removal:

- 1) Raise vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber hangers.
- 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) Support the right side muffler with a stand, then using a 15mm socket, loosen the clamps at the slip fit connections behind the catalytic converters. Remove the three remaining hanger rods from the rubber mounts on the vehicle and slide the system back off of the head pipes.

Installation:

- 1) Begin by placing a supplied 2-3/4” clamp onto each of the inlets of the Scavenger pipe **#26298S**. Place the Scavenger pipe onto the back of the stock head pipes (the offset pipe should be oriented to the right side). 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.
- 2) Place a supplied 3” clamp onto the inlet neck of both mufflers. 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.
- 3) Place a supplied clamp onto the left muffler outlet, place the left tailpipe assembly **#15162S** into position and starting from the rear, connect the hangers on the tailpipe to the rubber mounts on the vehicle. 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 assembly **#15161S**.

4) Adjust the position of the pipes, mufflers and tips to provide a satisfactory fit. We have found that in some cases it helps to loosen the converter to manifold connections to get everything adjusted properly. 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.

5) After the system is secure, slide the 7/16" hanger keepers onto the ends of the three hangers located on each of the tailpipes. These will prevent the hangers from slipping out of the rubber mounts. Also reconnect the grounding clip to the mid hanger on the right side tailpipe.

6) For a more secure installation, we recommend placing a small 1-2" weld at all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
2	Mufflers	853046-Z
1	Scavenger Assembly	26298S
1	Left Tailpipe Assembly	15162S
1	Right Tailpipe Assembly	15161S
1	Hardware Kit	PK606
2	2-3/4" Clamp	MC234BS
4	3" Clamp	MC300BS
4	7/16" Hanger Keepers	HW502



Installation diagram for:
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