



**409S[®] Stainless Steel
SYSTEM #817499
2009-2010 DODGE CHALLENGER SRT8
6.1L HEMI V-8**

11/09/10

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 **#26308S**. Then 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 **#26310S** into position and 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 **#26311S**.
- 4) Slide a 3" clamp over the ends of each of the tailpipes, and then install the right and left side stainless tips by slipping them on to the tailpipes. Position the clamps over the slip-fits and tighten down slightly.

- 5) 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.
- 6) 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.
- 7) 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 prevent surface rust.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>
2	Mufflers	853046-Z
1	Scavenger Assembly	26308S
1	Left Tailpipe Assembly	26310S
1	Right Tailpipe Assembly	26311S
1	Stainless Tips (Pair)	15304
1	Hardware Kit	PK520
2	2-3/4" Clamp	MC234BS
6	3" Clamp	MC300BS
6	7/16" Hanger Keepers	HW502



Installation diagram for:
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AMERICAN THUNDER
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