



**OUTLAW**  
S E R I E S

**409S, Stainless Steel**

Installation Instructions for:  
**SYSTEM #817718**  
2015-2016 DODGE CHALLENGER R/T  
5.7L · V8 ENGINE

## Removal:

11/13/15

1) Raise vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber hanger mounts behind the center mufflers and also at the rear of the vehicle.



2) Begin by measuring back 16 1/4" from the edge of both factory mufflers and make a mark on the pipes (see photos above). Once you have double checked that the measurements are correct, cut both pipes through at the marks. Remove the two hangers on each tailpipe assembly from the rubber mounts on the vehicle and remove the tailpipe assemblies from the vehicle. Carefully deburr the end of the pipes with a file or die grinder.

## Installation:



1) **For Automatic Transmission Vehicles:** Place a provided 2.25" clamp onto the slip-fit of right inlet pipe **#86345S** and place into position onto the back of the factory pipe, slide on approx. 2 1/4". Place a provided 2.50" clamp onto the inlet of muffler assembly **815425-399**, then slide completely onto the back of the inlet pipe and connect the hangers on the muffler to the rubber mounts on the vehicle. Tighten clamps enough to hold. Repeat this step on the left side of the vehicle with inlet pipe **#86344S** and muffler **815425-398**.



2) **For Manual Transmission Vehicles:** Place a provided 2.50" clamp onto the slip-fit of right inlet pipe **#86347S** and place into position onto the back of the factory pipe, slide on completely. Place a provided 2.50" clamp onto the inlet of muffler assembly **815425-399**, then slide completely onto the back of the inlet pipe and connect the hangers on the muffler to the rubber mounts on the vehicle. Tighten clamps enough to hold. Repeat this step on the left side of the vehicle with inlet pipe **#86346S** and muffler **815425-398**.

3) Adjust the position of 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.

4) After the system is secure, slide the 7/16" hanger keepers onto the ends of the two hangers located on each of the mufflers. 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.

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

### PACKING LIST

<u>Qty.</u>	<u>Description</u>	<u>Part#</u>
1	Left Inlet Pipe, Auto Trans	86344S
1	Right Inlet Pipe, Auto Trans	86345S
1	Left Inlet Pipe, Manual Trans	86346S
1	Right Inlet Pipe, Manual Trans	86347S
1	Left Muffler Assembly	815425-398
1	Right Muffler Assembly	815425-399
1	Hardware Pack	PK806
2	2 1/4" Clamp	MC225BS
4	2 1/2" Clamp	MC250BS
4	7/16" Hanger Keepers	HW502



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## 4099. Stainless Steel

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