



**409S. Stainless Steel**

Installation Instructions for:  
**SYSTEM #817739**  
**2015 DODGE CHALLENGER**  
**R/T SCAT PACK, SRT 392 & SRT HELLCAT**  
6.2L / 6.4L · V8 HEMI ENGINE

02/12/15

**Removal:**

- 1) Raise the vehicle and support securely with stands. To ease the removal of the stock system, spray a penetrating lubricant onto the rubber hangers as well as the two clamped connections at the center of the vehicle.
- 2) Place a stand under the rear of each tailpipe to support the rear of the system. Just forward of the rear differential, you will find two exhaust valve actuators, one mounted to the side of each tailpipe. Unplug the wire from the actuator and tuck away for reconnection later. Slide the three hangers on each tailpipe out of the rubber mounts on the vehicle and unclip the grounding strap from the rear hanger on the right side of the vehicle. Then using a 15mm socket, loosen the clamps at the slip fit connections behind the catalytic converters. Carefully lower the stands 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.



- 3) Once the factory system is out of the vehicle, use a 5/16" wrench to remove the three nuts securing the actuator to the mounts on the tailpipes. Remove the actuator and spring from the mount on each tailpipe.



## Installation:

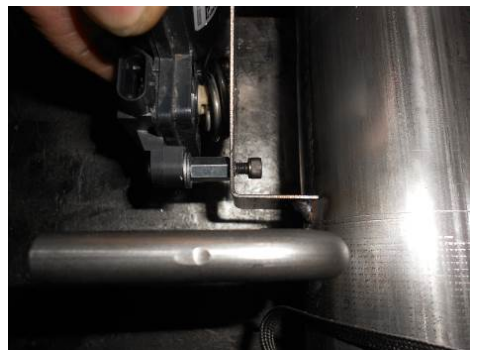
1) Begin by placing one of the #10-32 x 3/4" Button Head Screws included in the parts kit through each of the 3 mounting holes of the actuator followed by two flat washers on each screw as shown. Then thread on one of the #10-32 x 1/2 Hex standoff spacers onto the screw and tighten securely.



2) The actuator with the spacers and spring attached.



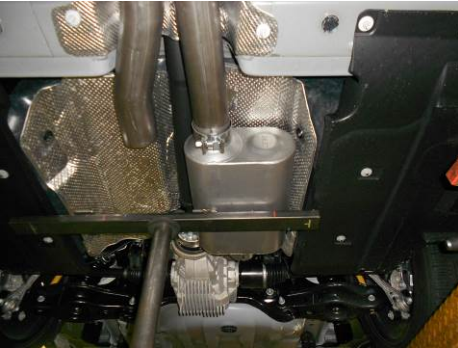
3) Place the actuator assembly against the bracket on the new Flowmaster tailpipe as shown in the first photo below, the center arm of the spring will be between the tabs on the bracket. Rotate the assembly so that the actuator motor is upright and until the spacers line up with the holes in the bracket. Install the included #10-32 x 3/8" Button Head Screws from the back of the bracket and into the spacers and shown in the third photo below. Tighten securely.



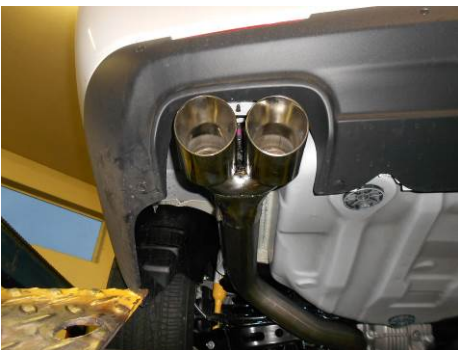




4) Begin the installation by placing a supplied 2-3/4" clamp onto each of the inlets of the Scavenger pipe **#26522S**. Then place the Scavenger pipe onto the back of the stock head pipes (the offset outlet pipe should be oriented to the right side). Level and center the assembly in the drive line tunnel and support with a stand. Tighten the two clamps enough to hold, but still allow for adjustment.



5) Place a supplied 3" clamp onto the inlet neck of both mufflers. 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) Place a supplied clamp onto the left muffler outlet. Place the left tailpipe **#26526S** 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 and adjust the tailpipe so that the stainless tip is level and centered in the bumper cut-out. Tighten clamp enough to hold, but still allow for adjustment. Repeat this step for right tailpipe **#26527S**. **Note:** The middle hanger on SRT 392 models will not be used and can be removed if desired.



7) Reconnect the two electrical plugs removed in step 2 of the removal instructions back onto the tailpipe actuators now installed on the new Flowmaster tailpipes.

8) 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.

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

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

### PACKING LIST

| <u>Qty</u> | <u>Description</u>             | <u>Part#</u> |
|------------|--------------------------------|--------------|
| 2          | Mufflers                       | 853046-394   |
| 1          | Scavenger Assembly             | 26522S       |
| 1          | Left Tailpipe Assembly         | 26526S       |
| 1          | Right Tailpipe Assembly        | 26527S       |
| 1          | Hardware Kit                   | PK799        |
| 2          | 2-3/4" Clamp                   | MC234BS      |
| 4          | 3" Clamp                       | MC300BS      |
| 2          | 7/16" Hanger Keepers           | HW502        |
| 6          | 10-32 x 1/2 Hex Stand Off      | HW512        |
| 6          | 10-32 x 3/4" Button Head Screw | HW240        |
| 6          | 10-32 x 3/8" Button Head Screw | HW241        |
| 12         | #10 Flat Washer                | HW315        |



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