



**AMERICAN  
THUNDER**

**409S Stainless Steel**

# Installation Instructions

## SYSTEM #817564

2011-2012 DODGE DURANGO R/T  
5.7L · V8 ENGINE

1) Raise the vehicle up on a hoist or rack to working height. Spray a penetrating lubricant onto the four front flange bolts as well as the rubber hanger mounts that support the system. This will greatly ease removal of the factory system.



2) Begin by supporting the front and the rear of the system with a stand. Make your way forward from the rear and remove all of the wire hangers on the system from the rubber mounts on the vehicle. Then at the front flange connections, remove the nuts on the spring bolts and set the hardware aside, the springs and nuts will be reused with the Flowmaster system. With the help of an assistant, you can now lower the stands and remove the entire system from the vehicle and set aside.



3) Place a provided 2½" clamp onto the expanded ends of Scavenger assembly **#16732S**. When this assembly is installed on the vehicle the Flowmaster in the center area will face the ground. With this in mind, place inlet pipe **#16730S** into the left side of the Scavenger assembly and **#16731S** into the right side of the assembly. Place the entire assembly up behind the flanges on the vehicle and connect the hangers on the inlet pipes to the rubber mounts on the vehicle. Support the rear of the assembly with a stand.



4) Take the provided M10-1.5x60mm bolts and slide on the flat washer, then put the bolts thru the flanges and slide on the provided steel spacer sleeves and then the springs and nuts removed in step 2 above. Tighten down the fasteners until the nuts bottom out on the steel spacer sleeves.



5) Place a provided clamp onto the inlet of muffler **#853062-255** and put up into position on the right outlet of the scavenger assembly. Slide the pipes fully together and connect the two hangers on the muffler assembly to the rubber mounts on the vehicle. Tighten the clamp at the inlet enough to hold but still allow for adjustment. Repeat this step on the left side with muffler **#853062-254**.

6) Adjust the position of all pipes and mufflers to provide a satisfactory fit. This is a tight fitting system, so take your time and be patient, tightening and adjusting a little bit at a time. Be sure to maintain an adequate clearance around all parts of the system to avoid rattles or damage to heat sensitive components. Once you're happy with the fit, tighten all connections down securely. For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections.

### PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>	
1	Left Muffler Assembly	852562-254	
1	Right Muffler Assembly	852562-255	
1	Scavenger Assembly	16732S	
1	Left Inlet Pipe	16730S	
1	Right Inlet Pipe	16731S	
1	Parts Kit	PK618	
	4	2½" Band Clamp	MC250BS
	4	M10-1.5 x 60MM Bolt	HW213
	4	3/8" Flat Washers	HW303
	4	3/8"x1½" Steel Spacer	HW506
	6	7/16" Hanger Keepers	HW502



Installation diagram for:  
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