



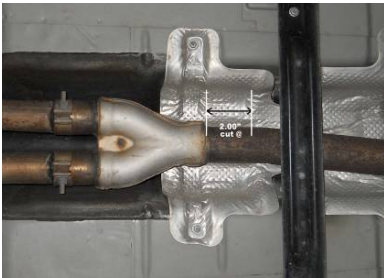
## FORCE II™

**409S Stainless Steel**

### Installation Instructions for: **SYSTEM #817482** 2006-2010 DODGE CHARGER 2005-2008 DODGE MAGNUM 2.7L & 3.5L ENGINE

4/16/13

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



2) Measure and cut the single factory pipe at a point 2" behind the weld at the back of the factory Y-pipe. Use a die grinder or file to de-burr after cutting.



3) Support the rear muffler with a stand, then separate the four hanger rods from their rubber mounts on the vehicle. Carefully lower and remove the system from under the vehicle.



4) Begin by placing a clamp onto the new inlet pipe **#16625S**. Now place the inlet pipe onto the back of the factory Y-pipe. The rear of the inlet pipe should be positioned so that it is offset to the drivers' side.



5) Dodge Magnum models do not have a factory cutout for the left side tailpipe so this will need to be cut into the rear valence. Follow the instructions on the template included on page 4.

- 6) Install the two new left side tailpipe hanger brackets **#371HA** using the factory mounting holes. Look at the right side factory brackets to determine the proper holes and orientation.
- 7) Place a clamp onto the inlet of the muffler. Then slide the muffler onto the back of the inlet pipe. Level the muffler and tighten the clamp enough to hold, but still allow for adjustment.
- 8) Place clamps onto the muffler outlets, then place left tailpipe **#15146S** into position and slide the hangers into the factory rubber mounts. Slide tailpipe into the muffler outlet. Rotate so hangers are level and tighten clamp enough to hold, but still allow for adjustment. Repeat this step for right tailpipe **#15145S**.
- 9) Place the two **#ST339** stainless tips onto the resonator outlets and adjust to the desired position. Tighten the clamp on the tips enough to hold, but still allow for adjustment.
- 10) 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.
- 11) After the system is secure, slide the hanger keepers onto the ends of the hanger rods to prevent them from slipping out of the rubber mounts.

### PACKING LIST

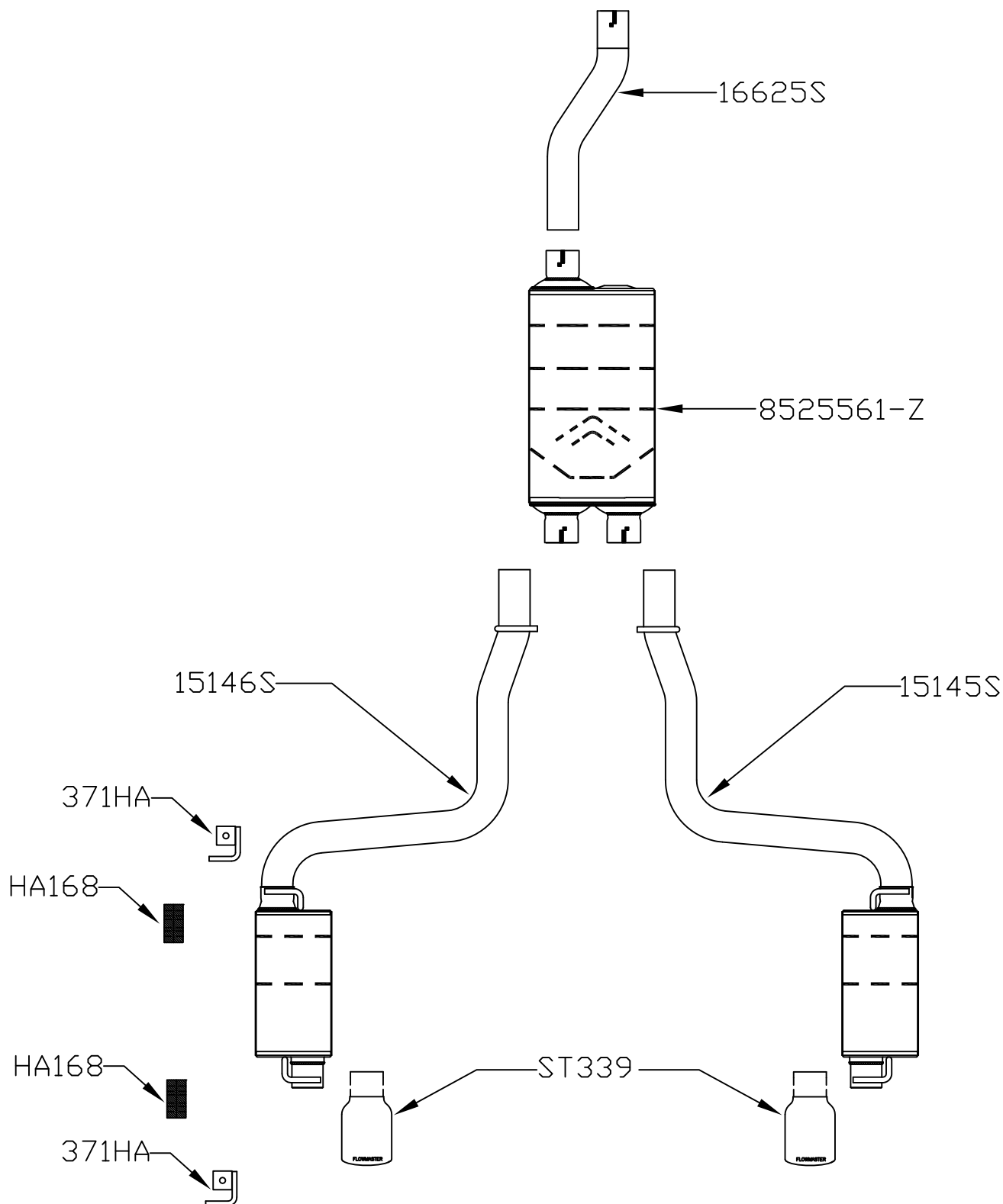
<u>Qty</u>	<u>Description</u>	<u>Part#</u>
1	Muffler	8525561-Z
1	Inlet Pipe	16625S
1	Left Tailpipe	15146S
1	Right Tailpipe	15145S
2	Stainless Tips	ST339
1	Hardware Kit	PK493
4	2 1/2" Band Clamp	MC250BS
2	5/16" Flat Washer	HW302
2	5/16" Split Lock Washer	HW308
2	M8 x 1-1/4" Hexbolt	HW228
6	7/16" Hanger Keepers	HW502
2	Rubber Hangers	HA168
2	Mounting Brackets	371HA



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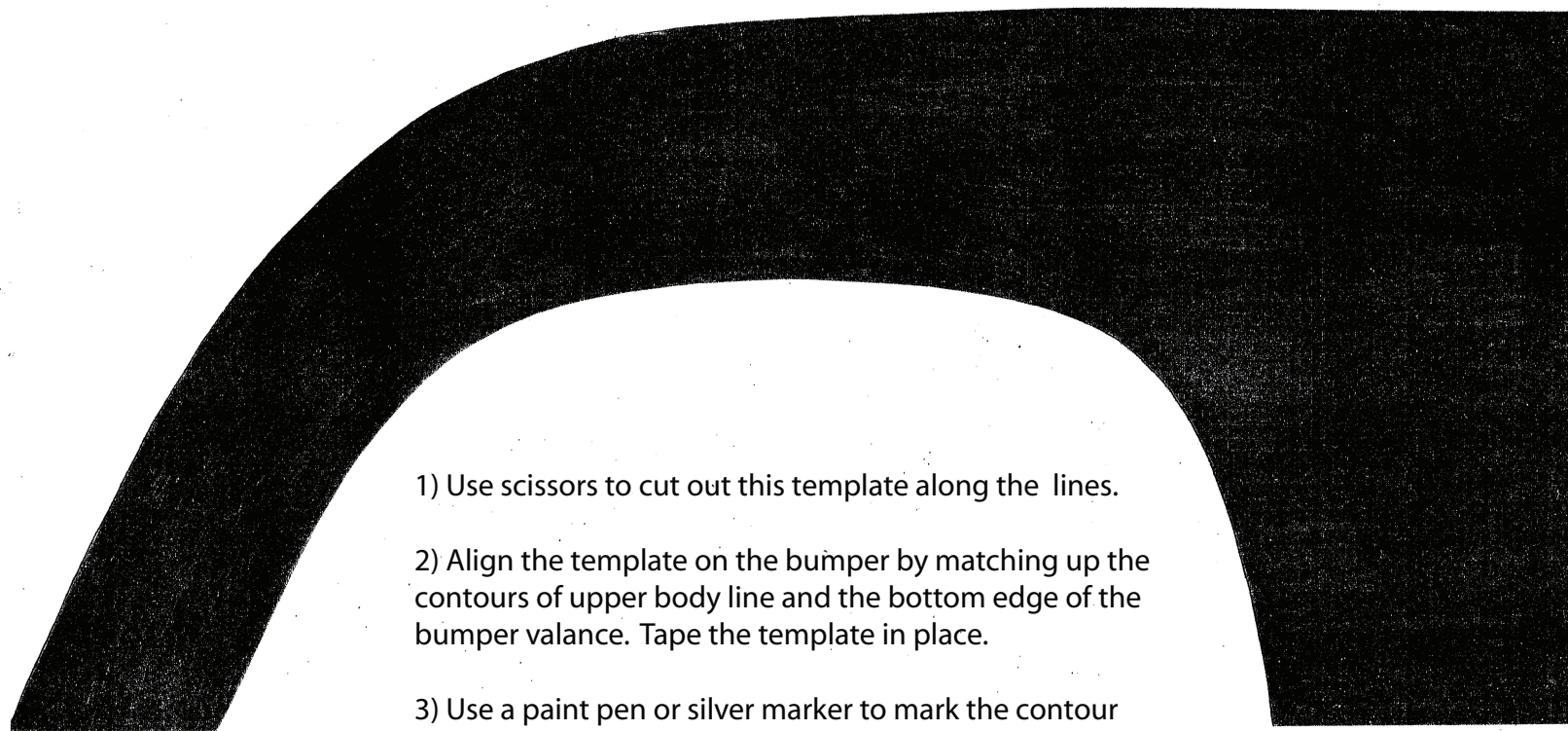
**409S. Stainless Steel**

Installation diagram for:  
**SYSTEM #817482**  
2006-2010 DODGE CHARGER  
2005-2008 DODGE MAGNUM  
2.7L & 3.5L ENGINE





## #817482 - MAGNUM V6 BUMPER CUT-OUT TEMPLATE



- 1) Use scissors to cut out this template along the lines.
- 2) Align the template on the bumper by matching up the contours of upper body line and the bottom edge of the bumper valance. Tape the template in place.
- 3) Use a paint pen or silver marker to mark the contour onto the valance. Remove template after marking.
- 4) Use a jigsaw, sawsall or die grinder to carefully cut along the contour. Use a file to clean up the edges after cutting.



INTERNAL REF 9.00"

