



## FORCE II™

**4099 Stainless Steel**

# Installation Instructions for: SYSTEM #817634 2002-2006 GMC YUKON XL DENALI 2002-2006 CADILLAC ESCALADE EXT/ESV 6.0L ENGINE

### Removal:

02/11/13

- 1) Raise the vehicle up on a hoist or rack to working height. If you do not have access to a hoist or rack raise the vehicle and support securely with jack stands. To ease removal of the stock system, spray a penetrating lubricant onto the rubber hangers and also the bolts on the front flange.
- 2) Support the muffler with a stand, then using a hacksaw or sawsall, cut the stock tailpipe where it exits the muffler. Remove the hanger at the rear of the tailpipe from the rubber mount on the vehicle and lower the tailpipe from the vehicle.
- 3) Separate the wire hangers in front and back of the muffler from their rubber mounts on the vehicle. Remove the two nuts from the flanged connection on the right inlet pipe using a 15mm wrench. Loosen the nut on the band clamp on the left inlet pipe. Slide the muffler assembly toward the rear of the vehicle and off of the left inlet pipe. Lower the muffler assembly from the vehicle.

### Installation:



- 1) Install resonator assembly **#15129S** by first sliding a 2 1/2" clamp onto the left inlet pipe, then put the assembly up into place and align the flange connection on the right side and the slip joint on the left side. Reinstall the two nuts onto the flange. Tighten the clamp and flange nuts enough to hold, but still allow for adjustment.

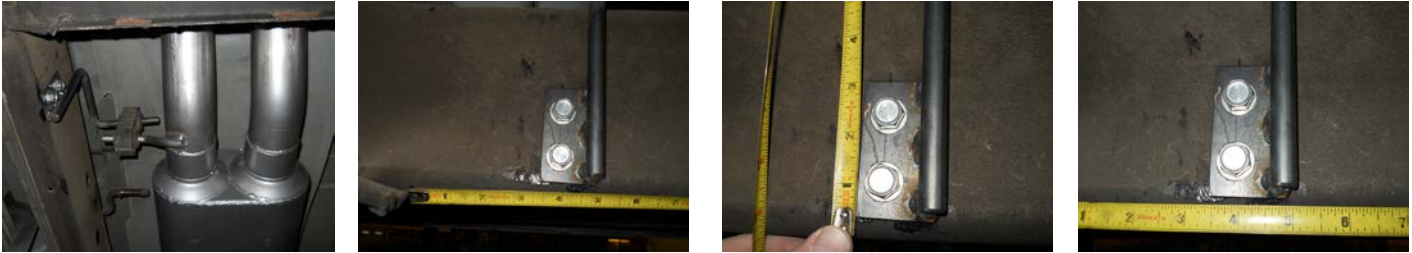


- 2) Place a provided 3 1/2" clamp onto the inlet of muffler **#853557-Z**. Connect the inlet of the muffler to the resonator outlet. Use a stand to support the muffler and tighten the clamp enough to hold, but still allow for adjustment.



- 3) Place a provided 3 1/2" clamp onto the outlet of the muffler, then place tailpipe **#36057S** into position over the axle and connect it to the muffler outlet. Connect the wire hanger at the front and rear of the tailpipe to the rubber mounts on the vehicle.

4) Remove the factory rubber isolator from the hanger mount located beside the new Flowmaster resonator and place it onto the wire hanger on the resonator. Place the new frame hanger #458HA as shown. (The measurements shown are from the bottom edge of the cross member.) Mark the center of the holes with a punch and then drill a 5/16" hole on each of your marks. Use the supplied 3/8" self-tapping bolts to secure the hanger in place. The rubber isolator will hang straight up and down.



5) Adjust the position of all the pipes and mufflers to provide a satisfactory fit. A minimum of 3/4" clearance around all parts of the system must be maintained; while keeping suspension travel and vibration in mind.

6) After the system is secure, slide the 1/2" hanger keepers onto the ends of all of the hangers. These will prevent the hangers from slipping out of the rubber mounts.

7) 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	Resonator	15129S
1	Muffler	853557-Z
1	Tailpipe	36057S
1	Parts Kit	PK697
1	Frame Hanger	458HA
2	3 1/2" Ring Clamp	MC350S
1	2 1/2" Ring Clamp	MC250S
4	1/2" Hanger Keeper	HW503
2	3/8" Self Tapping Bolt	HW222



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Installation diagram for:  
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6.0L ENGINE

