



409S₆ Stainless Steel SYSTEM #817490

2009-2013 DODGE RAM 1500 SERIES TRUCKS

4.7L / 5.7L ENGINE – WITHOUT FACTORY EQUIPPED DUAL TAILPIPES

02/05/13

Removal:

- 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.
- 2) To make removal of the stock system easier, you may choose to cut the stock tailpipe off where it exits the muffler. This can be done using a hacksaw or sawsall. After cutting, remove the hanger at the rear of the tailpipe from the rubber mount on the vehicle and set aside. This step is not mandatory, but makes removal easier.
- 3) Support the muffler with a stand and remove the two hangers at the rear of the muffler along with the hangers in front of the muffler from the rubber mounts on the vehicle. Then loosen the ring clamp at the muffler inlet connection. Once loose, slide the muffler off of the front pipe and set aside.

Installation:

- 1) Before installing anything, prep the clamps supplied in the hardware kit by removing the nuts, and applying a thick lubricant such as white grease or anti-seize to the threads.
- 2) Connect adapter pipe **#TB467S** to the factory inlet pipe; line up the notch in the adapter with the tab on factory pipe. Then slide a 3" clamp onto the inlet pipe slip fit. Slide muffler **#8530572-Z** onto adapter pipe, and use a stand to temporarily support the muffler.
- 3) Place the right side tailpipe **#16629S** into position over the rear axle and into the right side muffler outlet. Connect the hangers at the front and rear of the pipe to the rubber mounts on the vehicle. Install a provided 2-1/2" clamp onto the muffler outlet and tighten enough to hold but still allow for adjustment.
- 4) At the rear of the frame on the drivers side of the vehicle (next to the spare tire) there is a pair of hanger mounts welded to the bottom of the frame. Place the supplied **HA168** rubber hanger onto the inner hanger of this pair.
- 5) Place the front section of the left side tailpipe **#16392S** into the left side muffler outlet and connect the hanger on the front of the pipe to the rubber mount on the vehicle. The rear hanger on this pipe will not be used. Place a provided 2-1/2" clamp onto the muffler outlet and tighten enough to hold but still allow for adjustment.

- 6) Connect the rear section of the left side tailpipe **#16393S** onto the back of the front section by sliding the two sections together at the slip-fit connection over the rear axle. Place the hanger at the rear of the tailpipe into the rubber mount installed in step 4 above. Install a provided 2-1/2" clamp onto the over-axle slip-fit connection. Tighten enough to hold but still allow for adjustment.
- 7) Connect exit pipes **#16317 or #16662** onto the ends of both over axle pipes. Place a 2-1/2" clamp onto the slip-fit connections and tighten enough to hold in place. Place the two stainless tips onto the exit pipes and tighten the pinch bolts enough to hold in place. Rotate the exit pipe and tip to the desired position.
- 8) For a more secure installation, we recommend welding all slip-fit connections.

PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part#</u>	
1	Adapter Pipe	TB467S	
1	Muffler	8530572-Z	
1	Right Tailpipe	16629S	
1	Left Tailpipe, Front Section	16392S	
1	Left Tailpipe, Rear Section	16393S	
2	Rear Exit Pipe (R/L)	16662S	
2	Side Exit Pipe (R/L)	16317S	
2	Stainless Tip	ST396	
1	Parts kit	PK552	
5		2-1/2" Camp	MC250BS
2		3" Clamp	MC300BS
1		Rubber Mount	HA168



Installation diagram for:
SYSTEM #817490
2009-2013 DODGE RAM 1500 SERIES TRUCKS
4.7L / 5.7L · V8 ENGINE

AMERICAN THUNDER

409S. Stainless Steel

