



SYSTEM #19101

2003-07 DODGE RAM 2500/3500 SERIES TRUCKS
5.9L HIGH OUTPUT CUMMINS DIESEL ENGINE, ALL WHEELBASES
4" CONVERTER BACK SYSTEM

04/29/11

Removal:

- 1) To make the removal of the stock system easier, you may choose to cut off the stock tailpipe 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 the tailpipe aside. This step is not mandatory, but makes removal easier.
- 2) Remove the clamp on the muffler inlet. After removing this clamp, the connection will have to be either heated or sliced to allow for removal. Use a pry bar to separate the two hangers at the rear of the muffler along with the hanger in front of the muffler from the rubber mounts on the vehicle. (A lubricant of some type on the hangers will make removal easier.) Remove the muffler assembly from the vehicle.

Installation:

- 1) Before you begin: prep the ring 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) Place adapter pipe **#TB456** onto the rear of the factory pipe from the catalytic converter. Line up the notch in the adapter pipe with the tab on the factory pipe.
- 3) Slip muffler **#14020100** onto the rear of the adapter pipe and support with a stand. Connect clamp hanger assembly **#321HA** to the rubber mount at the muffler inlet connection and tighten just enough to hold but still allow for adjustment.
- 4) Install tailpipe **#46057** by first placing a supplied ring clamp onto the muffler outlet. Place the tailpipe into position over the rear axle. Slide the rear hanger on the tailpipe into the rubber mount on the vehicle and then into the muffler outlet. Connect the two hangers at the front of the tailpipe to the rubber mounts on the vehicle. Tighten the ring clamp on this connection enough to hold but still allow for adjustment.
- 5) Place exit pipe **#46058** onto the back of the over axle pipe and adjust to the desired distance from the fender. Tighten the clamp enough to hold. Place the supplied stainless tip **#ST415** onto the exit pipe and adjust to the desired depth and rotation. Firmly tighten the tip clamp using a 7/16" wrench, socket and ratchet. *We strongly recommend placing a one inch weld on each side of the tip once final adjustment has been achieved.*

6) The system should now be adjusted to achieve a proper fit. Once you are satisfied with the overall fit, all clamps should be tightened at each one of the slip fit connections. Although not required, we highly recommend that all connections be fully welded after installation.

PACKING LIST

<u>QTY</u>	<u>DESCRIPTION</u>	<u>PART#</u>
1	Adapter Pipe	TB456
1	Muffler	14020100
1	Tailpipe	46057
1	Exit Pipe	46058
1	Stainless Tip	ST415
1	Parts Kit	PK438
1	Clamp/Hanger Assembly	321HA
3	4" Ring Clamps	MC400R



AMERICAN THUNDER
PRO SERIES

Installation diagram for:
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