



SYSTEM #17439

2007-2008 CHEVROLET / GMC 1500 TRUCK

4.8L & 5.3L (NON HD) ENGINES · EXTENDED CAB, LONGBED

WITH OR WITHOUT ACTIVE FUEL MANAGEMENT ENGINES

10/22/09

Removal:

- 1) Raise the vehicle up on a hoist or jack stands and support securely.
- 2) Using a hacksaw or sawsall, cut the stock tailpipe off where it exits the muffler. (This step is not mandatory, but it makes removal a little easier.) Separate the two wire hangers on the tailpipe from the rubber mounts on the vehicle. Remove the tailpipe and set aside.
- 3) Support the muffler with a stand and then measure from the flange back 21". Make a mark and cut with a hacksaw or a sawsall on mark. *Note: See picture.* (Vehicles with or without factory flex pipe trim the same.)

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) Place supplied 3" ring clamp **#MC300R** on the hydro-sized end of the inlet pipe. Then place inlet pipe **#26257** into position on the back of the factory inlet pipe you trimmed earlier. Connect the wire hanger on the pipe to the factory rubber mount on the frame and tighten just enough to hold in position.
 - 2a) *If you have the 4.8L engine then you must use the adapter pipe **#TB452**. Slide it into the slip-fit of the inlet pipe **#26257**, then slide the inlet pipe **#26257** with adapter **#TB452** over the stock 2 3/4" inlet pipe you trimmed in step 3 of removal instructions. Place supplied **MC234S** clamp onto adapter pipe **#TB452** and clamp it to the stock inlet. Tighten just enough to hold in position..*
- 3) Place a supplied 3" ring clamp **#MC300R** over the inlet of muffler **#530552**, then slide the inlet of the muffler onto the back of the inlet pipe. Use a stand to support the muffler. Tighten the ring clamp just enough to hold in position.
- 4) Using the provided bolts, washers, nuts and backing plates **#HA566**, mount tailpipe hanger **#226HA** to the frame on the left side of the vehicle using the angled oblong hole on the frame rail. *(Note: The backing plates **#HA566** go on both sides of the frame between the hanger, washers and bolts to cover the oblong holes so that the frame hangers won't bend into the oblong holes.)*

Repeat this step on the right side of the vehicle using hanger **#227HA**; they both bolt in approximately the same position on either side of the vehicle. Slide rubber hangers **#HA168** onto the ends of both **226HA** and **227HA**. Remove the factory tailpipe rubber hanger from the stock mount on the vehicle and set aside, on some models it may be reused on the right side factory hanger stud behind the muffler if there is no factory rubber hanger at that location.

5) Slide two of the supplied 2 1/2" ring clamps **#MC250R** over the right and left outlets of the muffler; then place tailpipe **#16539** into position over the rear axle and slide into the right muffler outlet. Connect the hanger that is welded to the rear of the pipe to the rubber hanger **#HA168** installed in step 4. Pipe should be approximately 3/4" away from the shock when adjusted.

6) Place left front section tailpipe **#16522** into position over the rear axle and slide into the left muffler outlet. Slide another ring clamp **#MC250R** over hydro-size on pipe, then place left rear section tailpipe **#16538** into front section tailpipe and connect the hanger welded to the rear of the pipe to the rubber hanger **#HA168** installed in step 4. Pipe should be centered between the shock and the spare tire when adjusted. Tighten the ring clamps on both pipes just enough to hold in position.

7) Connect hanger **#228HA** to the rubber mount behind the muffler and clamp to the left side front tailpipe. Tighten just enough to hold in position.

8) Slide either the side exit pipes **#16317** or rear exit pipes **#16397** onto the ends of both over-axle pipes and place a 2 1/2" ring clamp onto these slip-fit connections. Tighten just enough to hold in position. Place the two stainless tips **#ST396** onto the exit pipes and tighten just enough to hold in position. Rotate the exit pipes and tips to the desired distance from the body or bumper, so that the angle cut on the tips are in the desired location. We highly recommend welding the tip to the exit pipe to prevent possible slippage and loss of the tip.

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

10) Tighten all clamped connections down securely. Place the supplied 1/2" hanger keepers onto the end of the inlet pipe and left rear muffler hangers. Then slide the 7/16" hanger keepers on to the rear tailpipe and frame hangers, slide them up to the rubber mounts to firmly hold the system in place.

11) To prevent the rear axle breather tube from contacting the left side tailpipe, and possibly being damaged, use the enclosed **ZIP TIE** to fasten the rear axle breather tube to the brake line **bracket** located on the frame. Be sure to allow enough slack in the hose for the suspension to fully compress and extend.

12) For a cleaner appearance and more secure installation, we highly recommend welding all slip-fit connections. If you live in a geographical area that has harsh winters or sees a great deal of precipitation, the use of high temperature paint over the welded areas can help to prevent surface rust and premature corrosion.



PACKING LIST

<u>Qty</u>	<u>Description</u>	<u>Part #</u>
1	Adapter pipe	TB452
1	Inlet Pipe	26257
1	Muffler	530552
1	Tailpipe, Right	16539
1	Tailpipe, Left Front	16522
1	Tailpipe, Left Rear	16538
2	Rear Exit pipes R/L	16397
2	Side Exit Pipes R/L	16317
2	Stainless Tips	ST396
1	Parts Kit	PK467
1	2-3/4" saddle clamp	MC234S
5	2 1/2" Clamps	MC250R
2	3" Clamp	MC300R
1	Frame Hanger, Left	226HA
1	Frame Hanger, Right	227HA
1	Rear Muffler Hanger	228HA
4	Backing Plate	HA566
2	Rubber Hanger	HA168
2	3/8" Nuts	HW103
2	3/8" X 1 1/4" Bolts	HW209
2	3/8" Flat Washers	HW303
2	3/8" Lock Washers	HW309
4	7/16" Hanger Keepers	HW502
3	1/2" Hanger Keepers	HW503
1	8" Plastic Zip Tie	HW504



Installation diagram for: SYSTEM #17439

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