

CS103_CS103409

2001-2007 Turbo-Back 6.6 Chevrolet Duramax
2500/3500 2 and 4 wheel drive (Dual System)
(Off-road only for models equipped with Converter)
Not for Commercial Trucks

Removal of Stock System:

ANSA Automotive recommends that exhaust systems be professionally installed. Please use all necessary precautions to insure a safe installation. Read all instructions provided before proceeding with the install.

Warning: Allow the exhaust system to cool before attempting to remove or you will be subject to severe burns. If the vehicle is to be jacked up, please make sure it is stable and secure before removing any parts.

Tip: A can of WD40 or something similar would be a great help in removing nuts and bolts on an old system. It also comes in handy when removing and installing the rubber grommets used with the hangers. Wearing safety glasses would be advisable.

Step1: Open your box and make sure everything is there and fits together before you start. Determine what you will be taking off the vehicle and spray it with the WD40. Most of the original systems are one piece at the back. You may have to lift the body of the vehicle to remove the muffler and tailpipe without cutting. Find something to support the muffler (i.e. jack stand) before you start removing the hangers. Spray the hangers with WD40. Using a large screwdriver or crowbar, lever the rubber grommets off. Save these as some will need to be reused.

Step2: With a 15mm wrench or socket, remove four (4) nuts at flange located approximately under the passenger side seat on 2001-2005 models. On 2006-2007 models, remove band clamp behind converter. Remove rear exhaust from rubber hangers and remove the system from under the truck. Carefully remove the rear section as this part can be heavy and hard to handle.

Step3: Remove front exhaust pipe on truck by removing exhaust hanger on transmission using 13mm socket, then remove band clamp at front of pipe and remove. (Note: the band clamp will be re-used during the installation of your new Silverline™ system)

Installation of Silverline™ Performance Exhaust:

Installation tip: Mark all pipes that insert into expansion joints with marker for proper overlap and sealing to ensure that pipe is inserted enough to seal the slots in expanded portion of pipe. Whenever possible you want at least a ½" clearance between any exhaust pipes and points on the vehicle. Less than that could cause heat transfer or vibration. Pipes that clamp together should always overlap a minimum of 2". If the pipes are slotted, make sure they overlap enough or they will leak. When using the clamps, position them about a ¼" to ½" from the end of the pipe making sure part of the clamp is behind the slots when tightening.

Step4: Install exhaust hanger on transmission using 13mm socket. Install front exhaust pipe using stock band clamp.

Step5: Referring to the numbered instructions, continue positioning the parts and hangers leaving the parts loose enough to adjust for clearance. NOTE: There are different wheelbases of these trucks. This affects the length of the center pipes required. You may need to cut some of the #3 pipe if it is too long or use the #7 pipe if you have the longer version. When measuring, make sure you allow for the 2" to 3" overlap of the parts before cutting. Approximately 9½" & 20" needs to be cut off for extended cab and regular cab. Included is an 18" extension for the longer wheelbase truck.

Step6: Install extension pipe into the front pipe (Installation tip: Temporarily hang the muffler and right tail pipe in place using the two OEM rubber hangers and measure to the down pipe to determine the length needed) approximately 9½" & 20" needs to be cut off for extended cab and regular cab. Included is an 18" extension for the longer wheelbase truck.

Step 7: Install muffler over extension pipe using hanger welded on muffler outlet.

Step 8: Install the over axle pipe on muffler, then slip the expansion joint over the top outlet of muffler.

Step 9: Install the second piece of the driver side tail pipe into place using the provided hanger.
(Note: The hanger is bolted from inside the frame using the factory hole in the frame above the hanger on the new tail pipe)

Step 10: Install passenger side tailpipe on bottom outlet of muffler and insert hanger in original rubber grommet.

Step11: When all parts are positioned correctly, start tightening by starting at the front and working your way back.
If you are using a stainless tip, please make sure you do not allow it to extend too far past the body of the vehicle. A hot pipe or sharp edges could cause injury. Start the vehicle and check for leaks as it is vital for safety, sound, and the best fuel performance. After a few days, check that everything is still in position and tightened.