

Installation Instructions for: SYSTEM #17159 1990-1994 FORD RANGER 4.0L ENGINE - EXTENDED CAB / SHORT BED

08/29/13

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) 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.)

3) Separate the wire hanger on the rear of the tailpipe from the rubber mount on the vehicle. Remove the tailpipe and set aside.

4) Support the muffler with a stand and separate the wire hangers from the rubber mounts in front of the muffler.

5) Remove the two bolts at the flanged connection from the inlet pipe to catalytic converter. Remove the muffler/inlet pipe assembly 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) Place inlet pipe **#16150** in position behind the catalytic converter. Connect the wire hanger to their rubber mounts and install the stock bolts and nuts back onto the flanged inlet connection.

3) Connect the inlet of muffler **#52455** to the inlet pipe. Use a stand to support the muffler and install a 2 1/4" clamp. Tighten just enough to hold in position.

4) Place the over-axle pipe **#16151** into position and connect it to the muffler outlet. Connect the wire hanger to its rubber mount and install a 2 1/4" clamp and tighten just enough to hold in position.

5) Adjust the position of all muffler, pipes and tips to provide a satisfactory fit. Maintain a minimum of 3/4" clearance between the Flowmaster system, the drivetrain and chassis components, while also keeping suspension travel and vibration in mind.

6) For a cleaner appearance and more secure installation, we highly recommend welding all slipfit 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.



Installation diagram for: SYSTEM #17159 1990-1994 FORD RANGER

4.0L ENGINE • EXTENDED CAB / SHORT BED

