



FORCE II™
SYSTEM #17132
1987-1996 FORD BRONCO
5.0L & 5.8L ENGINES

8/13/09

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) Apply a penetrating lubricant to muffler clamp nuts at the catalytic converter connection and the three rubber hangers that support the rear of the system. This will greatly ease the removal.
- 3) With a 15mm wrench, remove the muffler clamp at the catalytic converter to muffler connection.
- 4) Put a stand under the rear of the system, and using a pry bar, disconnect the two rubber hangers above the muffler and the one rubber hanger at the rear of the tailpipe.
- 5) Slide the system back to separate the muffler from the catalytic converter. It may be helpful to heat the connection with a torch to loosen it.
- 6) Remove the system from under the vehicle.

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 the clamp/hanger assembly **#186HA** to the rubber mounts in the muffler location on the vehicle. (The long side of the assembly should be connected to the left side mount.)
- 3) Raise muffler **#52459-126** into position and connect to the outlet of the catalytic converter. (Be sure to install with the inlet forward.) Connect to the previously installed hanger assembly with the muffler outlet to support it. Install a 2 1/4" clamp on the inlet end of the muffler and tighten lightly.
- 4) Place pipe **#16091** in position over the rear axle and slip into the rear of the muffler.
- 5) Slip pipe **#16092** onto the rear of **#16091** and connect the hanger to the rubber mount. Install a 2 1/2" clamp and tighten lightly.
- 6) Adjust the position of all pipes and muffler to provide a satisfactory fit. A minimum of 3/4" clearance around all parts of the system must be maintained; while also keeping suspension travel and vibration in mind. After adjustments have been made, you may now securely tighten all clamps.

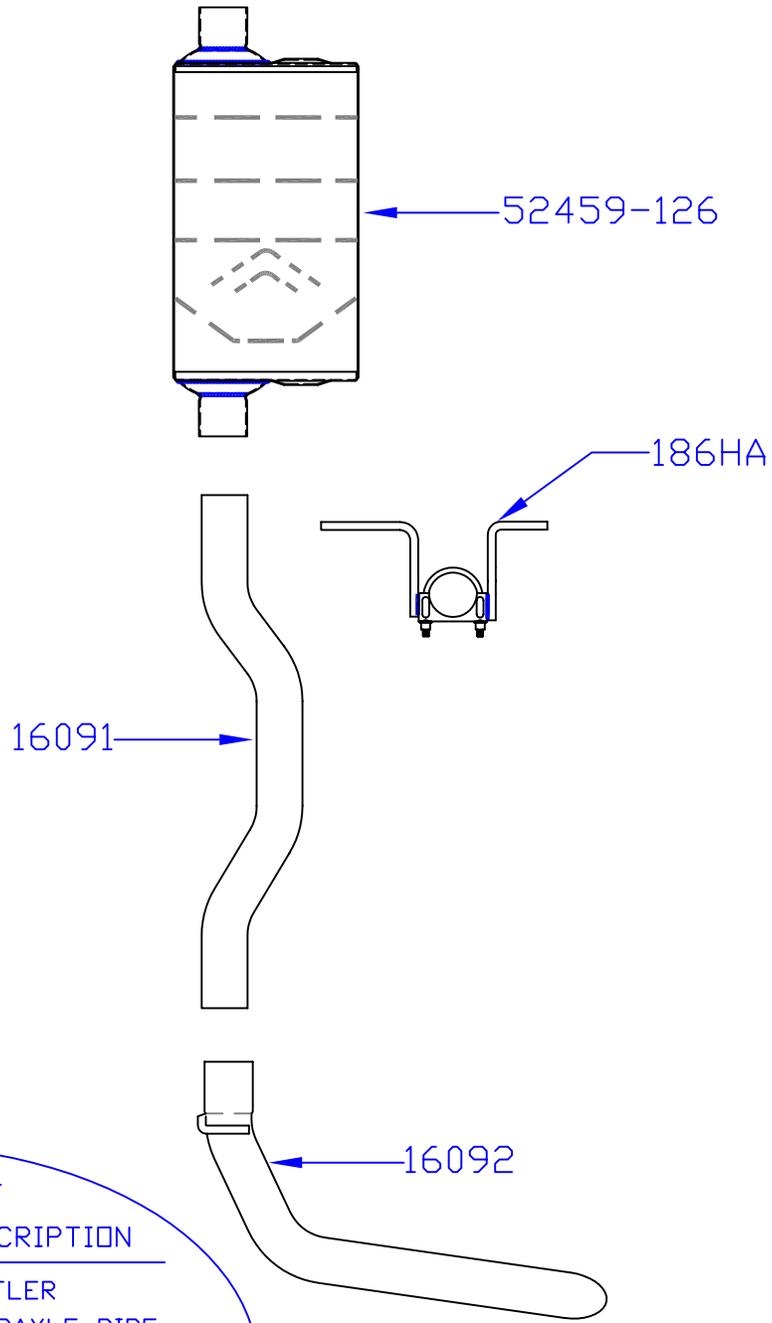
- 7) Slide the provided hanger keepers onto the hangers to prevent them from sliding out of the rubber mounts.

- 8) 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.



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Installation diagram for:
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PACKING LIST		
QTY.	PART#	DESCRIPTION
1	52459-126	MUFFLER
1	16091	OVERAXLE PIPE
1	16092	EXIT PIPE
1	PK318	PART KIT
1	MC214S	2-1/4" CLAMP
1	MC250S	2-1/2" CLAMP
1	186HA	CLAMP/HANGER
3	7/16"	HANGER KEEPER