



FORCE II[™] **SYSTEM #17385**

1998-2002 FORD EXPEDITION / LINCOLN NAVIGATOR
4.6L & 5.4L ENGINE

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) Using a hacksaw or sawsall, cut the stock tailpipe off at the rear of the muffler. (This step is not mandatory, but makes removal a little easier.) Separate the two rubber hangers on the tailpipe from their rubber mounts on the vehicle. Remove the tailpipe from under the vehicle.
- 3) Support the muffler with a stand, then loosen the clamp at the front pipe-catalytic converter connection. Once the clamp is loose it may be necessary to slice this connection or heat with a torch to allow for removal. Please use extreme caution.
- 4) Remove the muffler 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) Slide 2 1/2" ring clamp **#MC250R** over inlet pipe **#16126** on the notched end. Slip the pipe onto the back of the catalytic converter and place the notch in the inlet pipe over the tab on the converter pipe. Tighten the clamp enough to hold, but still allow for adjustment.
- 3) Slide 3" ring clamp **#MC300R** over muffler inlet. Raise muffler **#53070** into position and connect to back of pipe **#16126**. Use a stand or box to support the muffler. Tighten the clamp enough to hold, but still allow for adjustment.
- 4) Place the rear hanger **#180HA** into its rubber mounts on the vehicle just behind the muffler and loosen the clamp enough to allow the tailpipe to slip through. Slide the other 3" ring clamp over the outlet of the muffler.
- 5) Place pipe **#26182** into position over the axle and slip the pipe into hanger **#180HA** and into the muffler outlet. Connect tailpipe hanger with the rubber at the rear of the vehicle and tighten the clamp enough to hold, but still allow for adjustment. Slide the stainless tip **#ST429** and over the rear of the tailpipe.

6) Adjust the position of the muffler and tailpipe to provide adequate clearance for suspension travel. After pipes are adjusted rotate the tip to desired location and tighten the hose clamp on the stainless tip so it won't slide off.

7) Tighten down all clamped connections securely. After the system is secure, slide the 7/16" hanger keepers onto the ends of the muffler and tailpipe hangers. This will prevent the hangers from slipping 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 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	Inlet Pipe	16126
1	Muffler	53070
1	Tailpipe	26182
1	Stainless Tip	ST429
1	Parts Kit	PK349
1	Clamp Hanger	180HA
2	3" Ring Clamps	MC300R
1	2 1/2" Ring Clamp	MC250R
3	7/16" Hanger Keepers	



Installation diagram for:
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