

FLOWMASTER™

FORCE II

SYSTEM #17364

2000-01 FORD EXPLORER V-8 ENGINES

01/14/04

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 jackstands. NOTE: If jackstands are used, it may be necessary to remove the right side shock and/or rear sway bar to facilitate removing the existing system and installing the FLOWMASTER Force II System.
- 2) Using a hacksaw or sawsall, cut the tailpipe off at the rear of the muffler. (This step is necessary, makes removal of stock exhaust a little easier). Using a pry-bar separate the rubber hanger that supports the rear of the tailpipe. Slide tailpipe out by maneuvering it out the back of the vehicle. (unbolting bottom half of shock helps in removal of tailpipe).
- 3) Using a 15mm wrench or socket on the flange bolts and for the clamp bolt on slip fit, remove the bolts and loosen the clamp. Save the nuts and bolts for use with the flowmaster system.
- 4) Place a jackstand under the muffler to support it when hangers are removed from rear of muffler.
- 5) Using a pry-bar, separate the two rubber hangers that support directly behind the muffler. A lubricant such as WD-40 or lithium grease will ease separation.
- 6) Carefully remove the stock exhaust system from the vehicle. Set aside for now.

Installation:

- 1) First install clamp hanger assembly **#274HA** into the two rubber mounts that supported the rear of the stock muffler. Then slide muffler assembly **#525503-171** fully onto the inlet pipes and reinstall the factory nuts and bolts. Also place the provided **2½" clamp** onto the muffler inlet slip fit. Then place the outlet of the muffler into the clamp hanger previously installed, tighten lightly.
- 2) Slide tailpipe **#16402** from the rear of the axle, into the same position as the stock pipe was removed. Slide the tailpipe into the outlet of the muffler and place hanger into the rubber mount at the rear of the vehicle. If the bottom of the shock was released to remove the tailpipe, this is the time to replace and fully tighten the bolt.

- 3) Adjust the position of the tailpipe and muffler to provide adequate clearance for suspension travel. Maintain a minimum of **1/2" clearance** between FLOWMASTER System and the drivetrain, all chassis components, brake lines, and fuel lines. Also be sure the rear hanger will not come into contact with the leaf spring.
- 4) Fully tighten all clamped and flanged connections securely. Note: for a cleaner fit, the slip fit connections can be welded, and the clamps removed. After the system is secure, place the **7/16" hanger keepers** onto the end of the hanger welded to the tailpipe and also the right side of the clamp hanger at the rear of the muffler. This will prevent the hangers from slipping out of the rubber mounts.
- 5) After everything is tighten down securely now you can install the **Stainless Tip #ST402** on the back end of the tailpipe. Just slide it over pipe and adjust the position and angle of tip then tighten the hose clamp on tip securely. We recommend welding or tacking tip to pipe to assure that it won't loosen and slide off.

NOTE: WE RECOMMEND WELDING ALL SLIP-FIT CONNECTIONS.

PACKING LIST FOR FORCE II™ #17364

QTY.	DESCRIPTION	PART NO.
(1)	Muffler assem.	525503-171
(1)	Tailpipe	16402
(1)	Stainless Tip	ST339
(1)	Parts kit	PK401
(1)	Hanger/Clamp Assembly	274HA
(1)	2½" Clamps	MC250S
(2)	7/16" Hanger Keepers	HW502



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