

FLOWMASTER™

FORCE II

SYSTEM #17211

FORD F-250/F-350 1994-1997*

133" W.B, 155" W.B. and CREW CAB 168.4" W.B.

7.5L ENGINES

(* w / 3" catalytic converters.)

Removal:

07/01/99

- 1) Raise the vehicle and support securely with jackstands.
- 2) Apply a penetrating lubricant to muffler clamp nuts at the catalytic converter connection, and the (3) three rubber hangers that support the rear of the system. (This will greatly ease the removal.)
- 3) With a 18 mm wrench, remove the muffler clamp at the catalytic converter to muffler connection.
- 4) Put a stand under the rear of the system to support it when the rubber hangers are disconnected.
- 5) Using a pry bar, disconnect the (3) three rubber hangers at the rear of the system.
- 6) Slide the system back to separate the muffler from the catalytic converter. It may be necessary to heat the connection with a torch to loosen it, Use extreme caution!!
- 7) Remove the system from under the vehicle.

Installation:

- 1) Slip pipe #TB315 for 133" W.B and 140" W.B. or TB231 for 155" W.B onto the rear of the catalytic converter, and install a 3" clamp, tighten down securely.
- 2) For CREW CAB,168.4" Wheel Bases, place connector pipe #TB322 on the back of #TB231 and install a 3" clamp, leave slightly loose to allow for adjustment. For 133" and 155" Wheel Bases pipe #TB322 can be discarded. For 133" wheel base TB231 can also be discarded.
- 3) Raise muffler #53073 into position and connect it to the rear of the inlet pipe. (Be sure to install inlet forward). Install the 3" clamp hanger #179HA and tighten lightly, to allow for adjustment. **Note:** The muffler will be rotated at approximately a 45 degree angle with inlet on the bottom and the outlet on top. The top of the muffler will be directed toward the inside of the vehicle.

- 4) Place pipe #26041 in position over the rear axle. Slip into the rear of the muffler, and install the 3" clamp hanger #180HA, then connect the (3) three rubber hangers to support the pipe. Tighten clamp lightly, to allow for adjustment.
- 5) Slip pipe #26042 onto the rear of #26041. Install a 3" clamp and tighten lightly, to allow for adjustment.
- 6) Adjust the position of the pipes and muffler to achieve a satisfactory fit. Be sure to allow at least 3/4" clearance around all parts of the system for suspension travel, vibration etc.
- 7) Using the four band clamps provided, secure the heatshield to the top of the muffler (between muffler and bed of truck). Tighten the clamps securely using a 8mm socket or standard screwdriver.
- 8) Tighten down all clamped 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 supplied 7/16" hanger keepers onto the end of the over axle pipe hanger and the clamp hangers #179HA and 180HA. Slide them up to the rubber hangers to firmly hold the system in place.

PACKING LIST FOR FORCE II #17211

<u>QTY.</u>	<u>DESCRIPTION</u>	<u>PART NO.</u>
(1)	Short Adapter Pipe	TB315
(1)	Long Adapter Pipe	TB231
(1)	Connector Pipe	TB322
(1)	Muffler	53073
(1)	"AXLE" Pipe	26041
(1)	"EXIT" Pipe	26042
(1)	Heatshield Kit	51022
(1)	Parts Kit	PK315
(2)	Clamp Hanger	179HA
(1)	Clamp Hanger	180HA
(5)	3" Clamp	MC300G
(5)	7/16" Hanger Keepers	
(1)	Instruction Sheet	

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1994-97 FORD F-250, 133" AND 155" W.B.

ALSO CREW CAB/F-350 168.4" W.B., 7.5L ENGINES

