

FLOWMASTER™

AMERICAN THUNDER™

SYSTEM #17112 1994-97 FORD MUSTANG 4.6L SOHC AND 5.0L ENGINES

10/16/03

INSTALLATION INSTRUCTIONS

Removal:

- 1) Raise the vehicle and support it securely with jackstands.
- 2) Separate the steel tailpipe hangers from the rubber mounts at the rear of each tailpipe. A lubricant may ease removal.
- 3) Using a hacksaw or sawzall, cut the stock tailpipes off, approximately 2" behind the muffler case.
- 4) Remove stock tailpipes from the vehicle.
- 5) Support the stock mufflers with stands.
- 6) Separate the steel muffler hangers from the rubber mounts at the rear of each muffler. A lubricant will usually ease removal.
- 7) Remove the two nuts at the muffler to catalytic converter connections.
- 8) Remove stock mufflers from the vehicle.

Installation:

- 1) Position muffler #942543-121 into the stock location, on the right side of the vehicle, slide the flange on the pipe up to the flange on the head pipe and reinstall the stock nuts onto the studs. Connect the hanger rod at the rear of the muffler to the rubber mount on the vehicle.
- 2) Position muffler #942543-120 into the stock location, on the left side of the vehicle, slide the flange on the pipe up to the flange on the head pipe and reinstall the stock nuts onto the studs. Connect the hanger rod at the rear of the muffler to the rubber mount on the vehicle.
- 3) Slip the FLOWMASTER right side tailpipe #16247 over the axle and into the right muffler outlet. Slide tailpipe hanger-rod into the stock rubber hanger at rear of the vehicle. Install a 2 1/2" clamp, tighten enough to hold in place but still allow for adjustment.

- 4) Repeat steps 3 on the left side of the vehicle using tailpipe #16246.
- 5) Adjust tailpipes for proper alignment, tighten all connections. NOTE: Maintain a minimum clearance of 1/2" between the drivetrain, all chassis components, brake lines, and fuel lines. After all the slip fit connections are secure, slide the provided 7/16" hanger keepers onto the ends of the hangers located at the rear of the mufflers and tailpipes, slide them up to the rubber mounts, this will hold the system securely in place

NOTE: FLOWMASTER RECOMMENDS WELDING ALL SLIP-FIT CONNECTIONS.

PACKING LIST

Qty.	Part	Part # or Size	
1	Right Muffler	942543-121	
1	Left Muffler	942543-120	
1	Tailpipe, Right	16247	
1	Tailpipe, Left	16246	
1	Parts Kit	PK342	
2	2 1/2" Horseshoe clamps		MC250S
4	7/16" hangers keepers		
1	Instruction Sheet		

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