

INSTALLATION INSTRUCTIONS

**Installation recommendation:

JBA recommends in most cases that the vehicle be taken to a reputable exhaust shop.

40-2518

1996-1/2 - 97 Ford F-150

Ext. Cab/Std. Bed 2-4WD

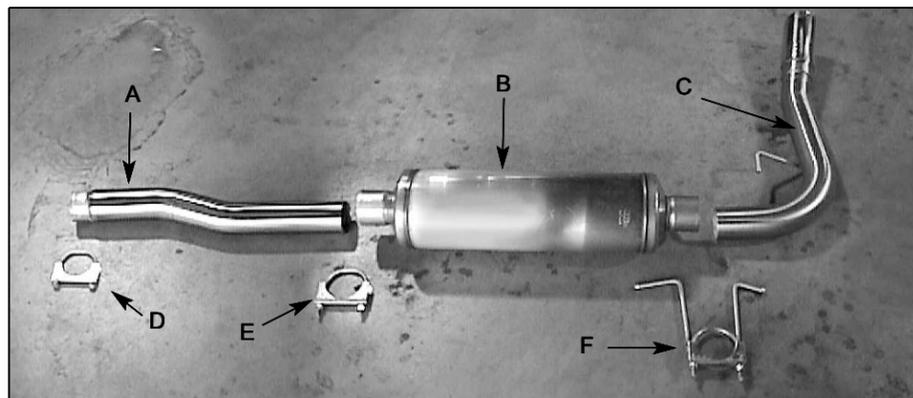
V8-4.6L, 5.4L

Parts List

A. Head pipe	1	E. 3" clamp	1
B. Muffler, round	1	F. 3" clamp/hanger	1
C. Tail pipe/Turn out	1		
D. 2-1/2" clamp	1		

TOOLS RECOMMENDED:

9/16 deep socket
15mm deep socket
ratchet
6" extension
rubber mallet
pair of channel lock pliers, 10"
spray lubricant or penetrating oil
anti-seize



TO START :

1. Remove and inventory new JBA exhaust.
2. Disconnect negative battery cable and allow vehicle exhaust to cool.



3. With vehicle raised and properly supported, remove front exhaust clamp using a 15mm socket.



4. Spray lubricant on hanger rods in lower holes of rubber grommets at the tail pipe and end of muffler.



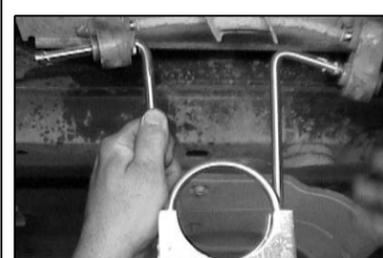
5. With muffler properly supported, using a pair of channel lock pliers, remove rear tail pipe and rear muffler hangers from lower holes in rubber grommets.



6. Using some form of heat and force, disengage and remove muffler assembly without damaging converter pipe.



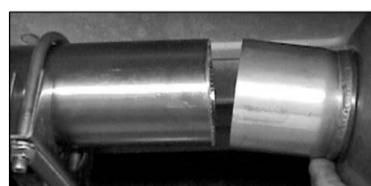
7. Slip 2-1/2" clamp (D) over end of head pipe (A). Install head pipe aligning notch with locating pin. Make sure pin is bottomed out in notch.
NOTE: you may have to tap it with a rubber mallet.



8. Install 3" clamp/hanger (F) into the rear muffler grommets. NOTE: Longest hanger rod points towards drivers side.



9. Install 3" clamp (E) over end of head pipe.



10. With the JBA logo to the rear of the vehicle, slip muffler (B) over end of head pipe (A) making sure slip is bottomed out. NOTE: You may have to tap it with a rubber mallet.



11. Position 3" clamp/hanger (F) over end of muffler (B) and hand tighten at this time.



12. Position 2-1/2" clamp (D) over front slip joint on head pipe (A) and tighten completely using a 9/16" deep socket. NOTE: use anti seize on threads.



13. Position 3" clamp (E) over slip joint on front of muffler (B) and tighten completely using a 9/16" deep socket. NOTE: use anti seize on threads.



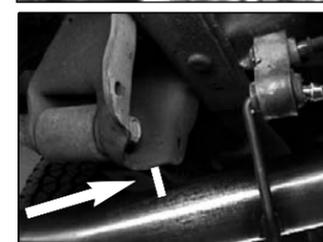
14. Install tail pipe (C) hanger rod into rubber grommet.



15. Slip tail pipe (C) into rear muffler slip joint, making sure it bottoms out.



16. Using a 9/16" deep socket, snug nuts up on 3" clamp/hanger (F). NOTE: use anti seize on all threads.



17. Rotate tail pipe (C) to desired location, making sure there is clearance on body panel and spring perch.



- NOTE: you may have to adjust stock hanger next to rail frame.



18. Tighten 3" clamp/hanger (F) completely using a 9/16" deep socket.

19. After installation, it is recommended that all clamps be retightened.

20. Tack weld all slip connections in three spots.

21. Using a soft cloth, remove all prints from turnout tip (D).

22. Lower vehicle and reattach the negative battery cable.

NOTE:

- 1) Use Anti-seize on threads of clamps.