

INSTALLATION INSTRUCTIONS

* Installation Recommendation: JBA recommends in most cases that the vehicle be taken to a reputable exhaust

40-2542 **1998-2004 Ford Ranger** 2.5L / 3.0L / 4.0L 2/4wd Super cab / short bed

RECOMMENDED TOOLS: pry bar

ratchet

15mm deep socket pair of channel lock pliers

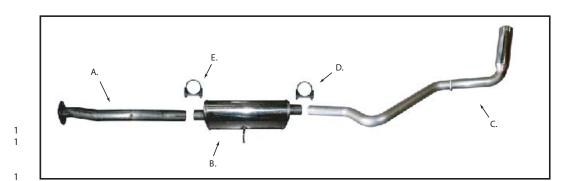
spray lubricant or penetrating oil

PARTS LIST:

Intermediate pipe

Muffler Tail pipe

Rear muffler clamp Front muffler clamp



TO START:

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



3. With the vehicle raised and properly supported, use a 15mm socket to remove the bolts that attach the exhaust system to the Catalytic converter.



7. Using original fasteners, connect intermediat pipe (A) to the factory catalytic converter pipe.



11. Attach clamp (E) to the front of the muffle



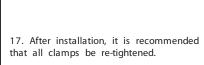
16. Align tail pipe (C). tighten clamp (D).





12. Install tailpipe (C).





- 18. Tack weld all slip connections in three spots.
- 19. Lower the vehicle and reattach the negative



4. Using a pry bar or a pair of channel lock p remove hangers from rubber isolators at the to of the muffler.



9. Slip muffler (B) onto intermediate pipe (A).



13. Insert tailpipe (C) into muffler (B).

1) It may be necessary to loosen and realign the spare tire for proper clearance.

- 2) All exhaust systems will expand about 1" rearward when exhaust temperatures start to rise
- 3) Use Anti-seize on threads of clamps.



5. Using the channel lock pliers, remove the tail pipe hanger from the rubber isolator.



10. Insert hanger rods on the muffler into the



14. Install tail pipe hanger into factory rubber



6. Remove the original exhaust system from



15. Install clamp (D) onto rear of muffler (#).