

INSTALLATION INSTRUCTIONS

* Installation Recommendation: JBA recommends in most cases that the vehicle be taken to a reputable [exhaust shop](#).

40-2542

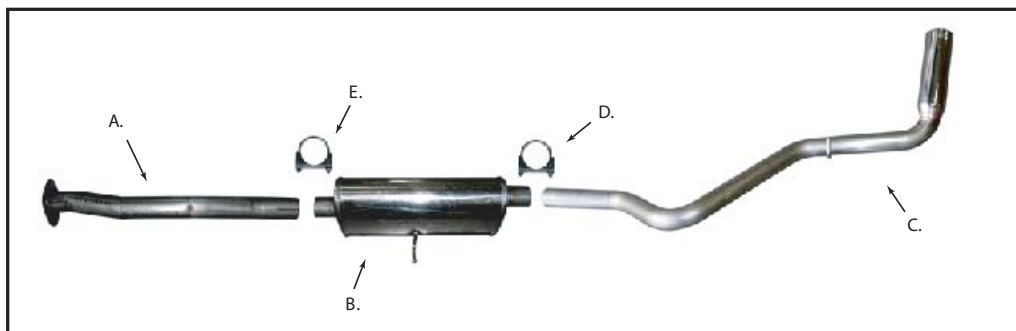
1998-2004 Ford Ranger
2.5L / 3.0L / 4.0L 2/4wd
Super cab / short bed

RECOMMENDED TOOLS:

pry bar
ratchet
15mm deep socket
pair of channel lock pliers
anti-seize
spray lubricant or penetrating oil

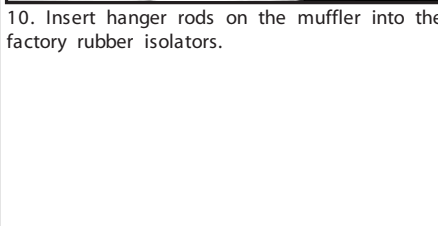
PARTS LIST:

A. Intermediate pipe	1
B. Muffler	1
C. Tail pipe	1
D. Rear muffler clamp	1
E. Front muffler clamp	1



TO START:

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



17. After installation, it is recommended that all clamps be re-tightened.

18. Tack weld all slip connections in three spots.

19. Lower the vehicle and reattach the negative battery cable.

NOTES:

- 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.