

INSTALLATION INSTRUCTIONS

****Installation recommendation:**

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

40-1504

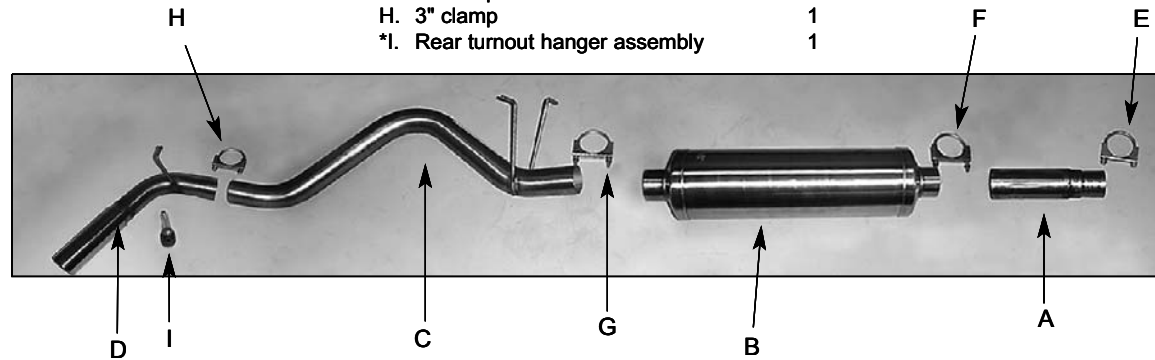
1994-97 Dodge Ram 1500/2500

Parts List

A. Head pipe	1
B. Muffler, 24"	1
C. Tail pipe	1
D. Turn out	1
E. 2-1/2" clamp	1
F. 3" clamp	1
G. 3" clamp	1
H. 3" clamp	1
*I. Rear turnout hanger assembly	1

TOOLS RECOMMENDED:

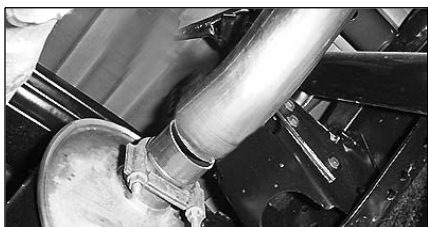
9/16 deep socket
ratchet
10mm wrench
15mm deep socket
prybar
rubber mallet
spray lubricant or penetrating oil
anti-seize
reciprocating saw or hack saw
pair of channel lock pliers



* On some model years, it may be necessary to bolt rear hanger assembly (I) to hole in frame rail to mount turn out (D).

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, using a reciprocating saw or hack saw, cut tail pipe approximately 11" behind rear muffler clamp and in front of tail pipe hanger.



4. Spray lubricant on lower holes of front and rear tail pipe hanger rubber grommets.



5. Remove lower bolt from rear tail pipe hanger.



6. Using a pair of channel lock pliers, remove front tail pipe hanger rod from bottom hole in rubber grommet.



7. Remove tail pipe from rear of vehicle.

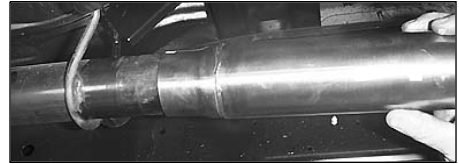


8. Spray penetrating oil on threads of front muffler clamp.

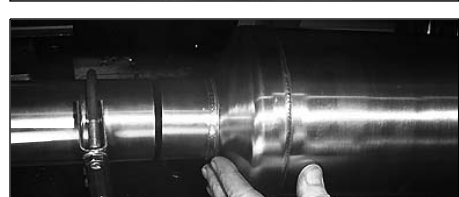


9. Using a 15mm socket, remove front muffler clamp.

10. Using some form of heat and force, disengage and remove muffler without damaging head pipe.



11. Align notch with locating pin and install head pipe (A) using the 2-1/2" clamp (E). Tighten completely with 9/16" deep wall socket. NOTE: Use anti-seize on threads.



12. With JBA logo facing rear of vehicle, install muffler (B) over head pipe (A) making sure muffler bottoms out on slip joint.

13. Using the 3" clamp (F), tighten clamp completely using 9/16" deep wall socket. NOTE: use anti-seize on threads.



14. Install 3" clamp (G) over rear slip on muffler and install tail pipe (C) from rear of vehicle, bracket end first then slip into muffler



15. Install front two hangers on tail pipe (C) into lower holes of rubber grommet.



16. Install 3" clamp (H) over rear of tail pipe (C). Slip turn out (D) over tail pipe (C). Slip hanger rod into lower hole in rubber grommet.



17. Position 3" clamp (H) over slip joint on turn out (D) and hand tighten. NOTE: use anti-seize on threads.



18. Check all pipes for proper clearance and tighten the 3" clamp (G) completely at rear of muffler.



19. Check turn out (D) position and tighten clamp (H) completely.

20. After installation, it is recommended that all clamps be retightened and joints tack welded in 3 spots.

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



22. Lower 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 temperature starts to rise.
- 3) Use Anti-seize on threads of clamps.