

## INSTALLATION INSTRUCTIONS

**\*\*Installation recommendation:**

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

**40-3001**

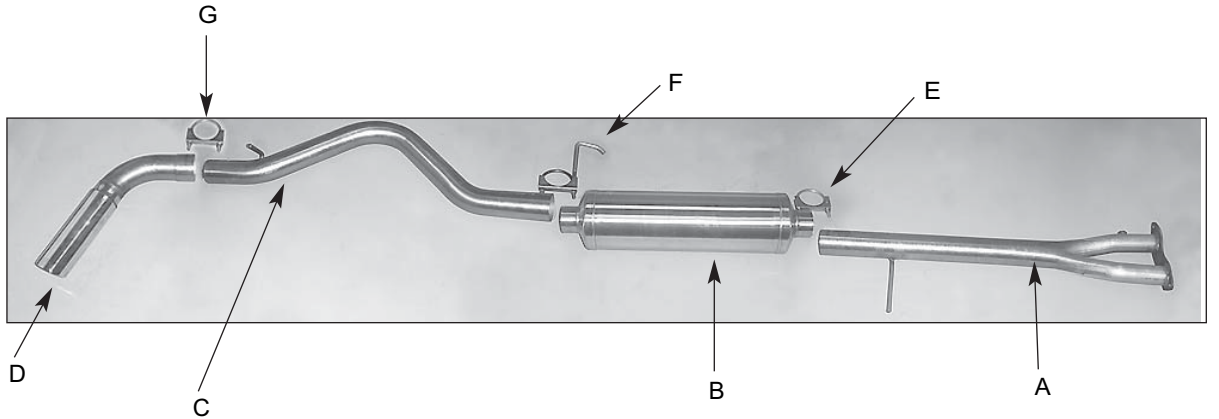
1996-1998 GM Pickup V8-5.7L E/S

**TOOLS RECOMMENDED:**

reciprocating saw or hack saw  
 prybar  
 rubber mallet  
 ratchet  
 15mm deep socket  
 9/16 box wrench or socket  
 7/8" open end wrench  
 pair of channel lock pliers  
 13mm socket  
 anti-seize  
 impact wrench  
 spray lubricant or penetrating oil

**Parts List**

A. Head pipe	1
B. Muffler 24"	1
C. Tail pipe	1
D. Turn out	1
E. Front muffler clamp 3"	1
F. Rear muffler clamp/hanger 3"	1
G. Turn out clamp 3"	1



**TO START:**

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



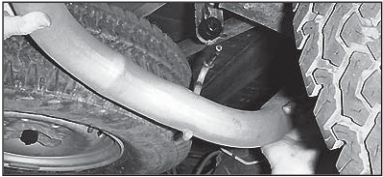
3. With vehicle raised and properly supported, using a reciprocating saw or hack saw, cut the tail pipe approximately 3" behind rear muffler hanger.



4. Spray lubricant on rear tail pipe hanger grommet.



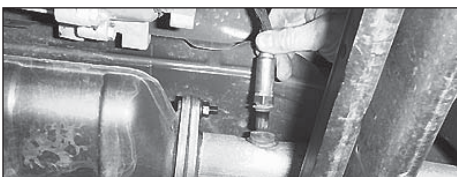
5. Using a pair of channel lock pliers, remove hanger rod from bottom hole of grommet.



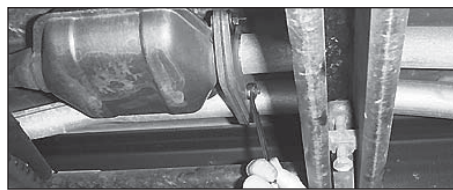
6. Remove tail pipe assembly from the rear of vehicle.



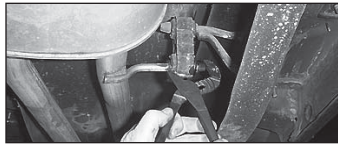
7. Spray lubricant on front and rear muffler hanger grommets.



9. Remove oxygen sensor with 7/8" open end wrench.



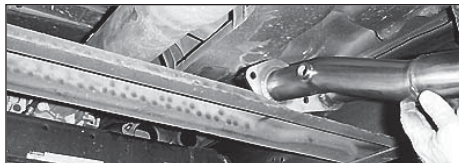
8. Remove three nuts on three bolt flange using 15mm socket. You may want to use some penetrating oil.



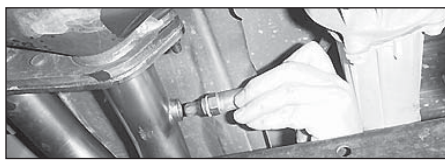
10. Using a pair of channel lock pliers, remove front and rear muffler hanger rods from bottom holes of grommets. Note: support muffler before starting.



11. Remove muffler assembly pulling towards rear of vehicle. Note: use care not to damage gasket on three bolt flange.



12. Install head pipe (A) with three bolt flange. Install hanger through lower hole in rubber grommet. Tighten three nuts using 15mm socket. Note: we recommend using anti-seize on threads.



13. Install oxygen sensor using 7/8" wrench.



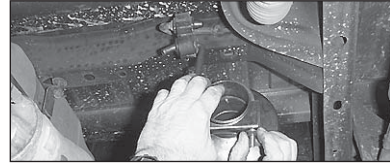
14. Slip muffler (B) on head pipe approximately 2". Note: You may have to tap it in with a rubber mallet. Make sure JBA logo is to the rear.



16. With muffler (B) in place, install muffler clamp (E) on slip fit joint. Position 1/4" from lip. Tighten clamp completely with 9/16" deep wall socket. NOTE: Use some anti-seize on all threads.



17. Install rear muffler clamp/hanger (F) over slip joint on rear of muffler. Do not tighten at this time.



18. Slip clamp/hanger (F) into lower hole on rubber grommet.



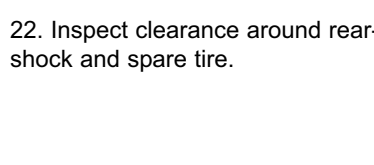
19. Install tail pipe (C) from rear into slip joint on muffler (B). Slip approx. 2".



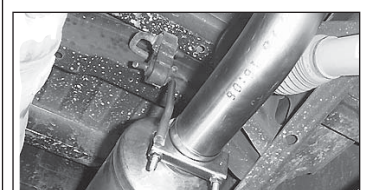
20. Slip rear tail pipe (C) hanger into lower hole in rubber grommet.



21. Position tail pipe (C) so hanger is not cocked at an angle, and rubber grommet is angled forward.



22. Inspect clearance around rear-end shock and spare tire.



23. Position rear muffler clamp/hanger (F) 1/4" from lip on slip joint and tighten completely with 9/16" deep wall socket. Note: Use anti-seize on threads.



24. Slip turn out clamp (G) onto tail pipe. Slip turn out (D) on tail pipe (C) approx. 1-1/2". Rotate tip to desired position leaving clearance from body. Position clamp (G) with threads in an upward position. Tighten completely with 9/16" deep wall socket. Note: use anti-seize on threads.

25. Using a soft cloth, remove all prints from turnout tip.
26. 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 start to rise.
- 3) Use Anti-seize on threads of clamps D, E and F.