

## INSTALLATION INSTRUCTIONS

### \*\*Installation recommendation:

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

### 40-1514

1997-99 Jeep Wrangler TJ L6-4.0L

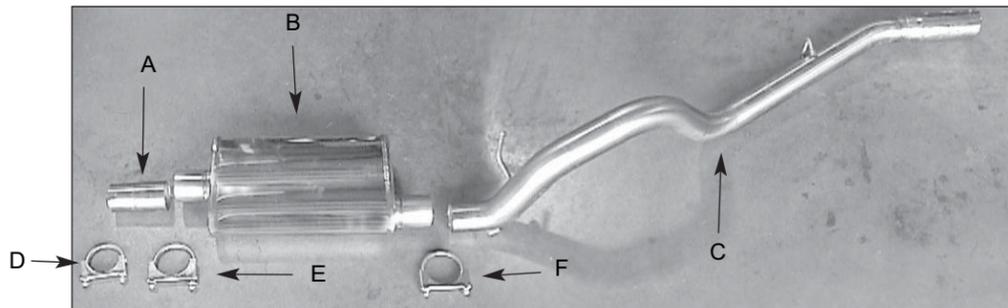
Compatible with most trailer hitches, rear exit

### Parts List

A. Head pipe	1
B. Muffler	1
C. Tail pipe with tip	1
D. 2-1/4" clamp	1
E. 2-1/2" clamp	1
F. 2-1/2" clamp	1

### TOOLS RECOMMENDED:

Ratchet  
 9/16 std socket  
 15mm std socket  
 9/16 deep wall socket  
 7/8" open end wrench  
 Channel lock pliers 10"  
 Reciprocating saw or hack saw  
 Pry bar  
 Anti seize  
 Spray lube  
 Rubber mallet

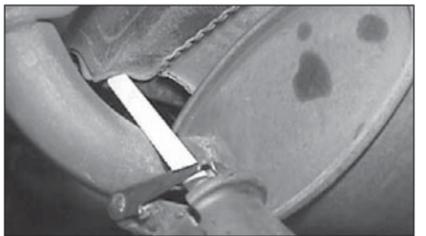


### TO START:

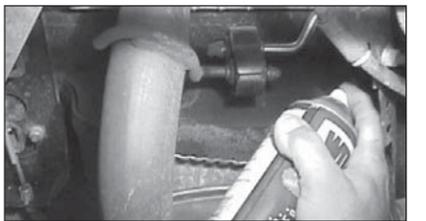
1. Remove and inventory new JBA exhaust.
2. Disconnect negative battery cable and allow vehicle exhaust to cool.



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



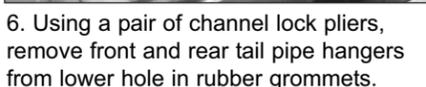
4. Using a reciprocating saw or hack saw, cut tail pipe off approximately 2" behind rear of muffler. SEE NOTE: #1



5. Spray lubricant on front and rear tail pipe hanger rubber grommets at lower holes.



6. Using a pair of channel lock pliers, remove front and rear tail pipe hangers from lower hole in rubber grommets.



7. Remove tail pipe from rear of vehicle.



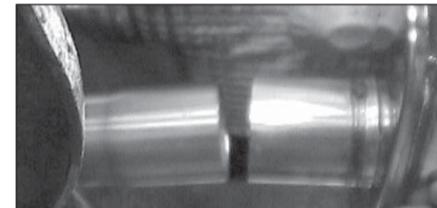
8. Remove oxygen sensor from catalytic converter in front of muffler, using a 7/8" open end wrench. Using some form of heat and force remove muffler assembly without damaging catalytic converter pipe.



9. Reinstall oxygen sensor. Install JBA head pipe (A) aligning notch with locating pin. NOTE: You may have to tap on with rubber mallet.



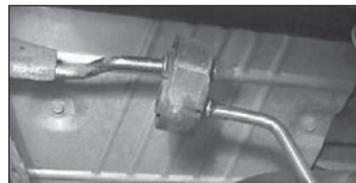
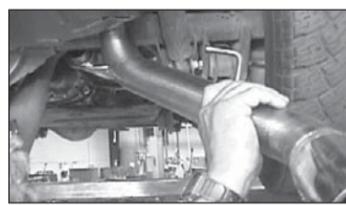
10. Install 2 1/4" clamp (D) over head pipe (A) slip joint, and tighten completely using a 9/16" socket. NOTE: USE ANTI SEIZE ON THREADS. SEE NOTE: #2



11. Install muffler (B) on head pipe (A) with offset to rear and toward drivers side. NOTE: make sure slip joint is bottomed out.



12. Install and position 2-1/2" clamp (E) over muffler front slip joint, and hand tighten only at this time. NOTE: USE ANTI SEIZE ON THREADS. SEE NOTE: #2



13. Install tail pipe (C) from rear of vehicle and slip front hanger into lower hole of rubber grommet.



14. Install tail pipe into rear muffler slip joint.



15. Install rear tail pipe hanger into lower hole of rubber grommet.



16. Align muffler (B) and tighten 2-1/2" clamp (E) completely using a 9/16" deep wall socket. NOTE: USE ANTI SEIZE ON THREADS. SEE NOTE: #2



17. Install and position 2-1/2" clamp (F) over rear muffler slip joint, and hand tighten only at this time. NOTE: USE ANTI SEIZE ON THREADS. SEE NOTE: #2



18. Rotate tail pipe (C) to desired position, checking hanger alignment, and proper clearance. Tighten clamp (F) completely using a 9/16" deep wall socket, making sure slip joint is bottomed out. NOTE: USE ANTI SEIZE ON THREADS SEE NOTE: #2

19. After installation, retightened all clamps.

20. Tack weld all slip joint connections in 3 spots.



21. Lower vehicle and reattach the negative battery cable.

### NOTES:

1. If vehicle is raised with vehicle lift, step #4 can be eliminated. The muffler assembly can be removed in one piece by removing right rear shock, and raising right rear frame rail.
2. If anti seize is not use on threads of clamps before tightening, the nut's will gall, and clamp will break.