

### INSTALLATION INSTRUCTIONS

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

## 40-1411

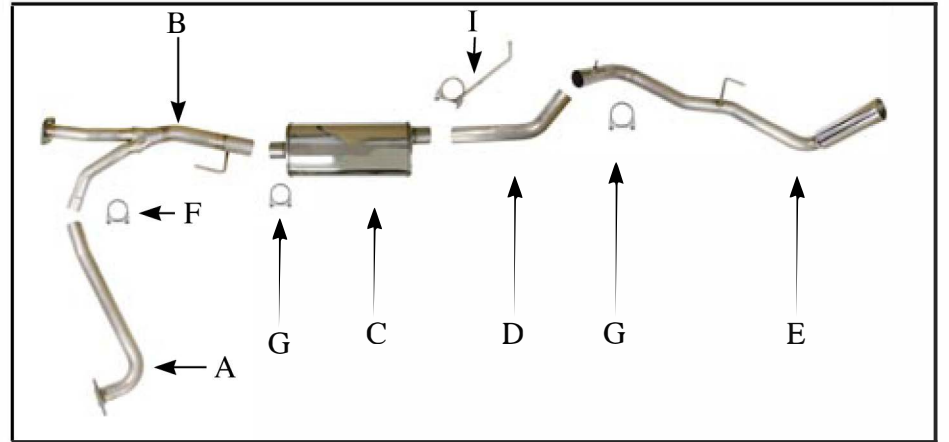
### 2005-2012 Nissan Frontier 4.0L 4wd/2wd

#### Recommended Tools:

14mm socket  
9/16 socket  
13 mm socket  
15 mm socket  
Pry bar  
WD-40 or equivalent  
Hi-temp silicone

#### Parts List

Part	Qty.
A. Cross over pipe	1
B. Y-pipe	1
C. JBA muffler	1
D. Axle pipe	1
E. Tail pipe with tip	1
F. 2" U-bolt clamp	1
G. 2.5" U-bolt clamp	2
H. 2.5" U-bolt clamp w/ hanger	1



#### Start:

1. Remove and inventory new JBA exhaust system.
2. Disconnect negative battery cable and allow vehicle to cool.
3. Unbolt the ground strap from the factory tail pipe above the rear axle.



4. Unbolt the factory tailpipe from the exhaust system above the rear axle. Then unbolt the rear rubber isolator attached to the frame and remove the tail pipe.



5. Unbolt and remove the rubber isolator supporting the Y-pipe.



6. Spray WD40 on the fasteners attaching the Y-pipe to the catalytic converter assemblies.



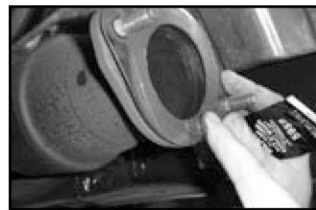
7. Unbolt the Y-pipe from the catalytic converter assembly. Disconnect the ground strap and remove the muffler/Y-pipe assembly.



8. Reinstall the rubber isolator from step 5.



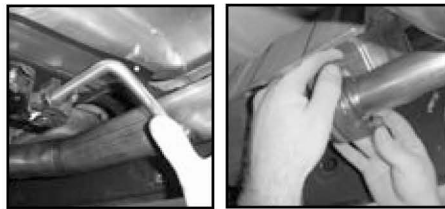
9. Apply a small bead of high temp silicone to the factory gasket.



10. Slip the new Y-pipe (B) into the crossover pipe (A).



11. Slip the new Y-pipe (B) hanger into the forward rubber isolator. Then connect the Y-pipe (B) and crossover pipe (A) to the catalytic converter assembly.



12. Reattach the forward ground strap. Install supplied 2" U-bolt clamp (F) over slip connection on Y-pipe (B) and crossover (A).



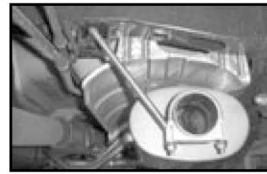
13. Slip 2.5" U-bolt clamp (H) over end of Y-pipe (B).



14. Install JBA muffler (C) onto Y-pipe (B) and tighten clamp (G).



15. Slip 2.5" U-bolt clamp with hanger (H) over end of muffler then insert rod into rubber isolator.



16. Insert axle pipe (D) into end of muffler (C).



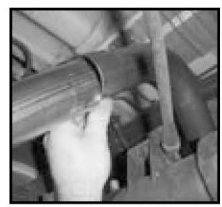
17. Slip 2.5" U-bolt clamp (G) over end of axle pipe (D).



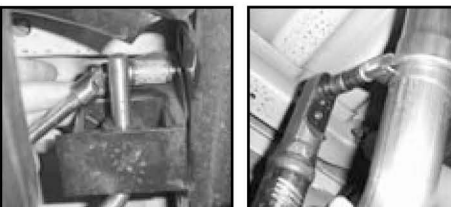
18. Insert hanger on tail pipe with tip (E) into rear rubber isolator removed in step 4.



19. Slip tail pipe with tip (E) onto axle pipe (D).



20. Re-attach the rear rubber isolator to frame. Then secure tail pipe by tightening clamp (G) over connection.



21. Re-connect the rear ground strap to stud on tail pipe (F).



22. Align the new tip of the system for proper clearance from fender and leaf spring. Secure in place by tightening clamps (H).



23. Using a soft cloth, remove all prints from exhaust tip.

24. Check all clamps and connections for proper fit and alignment. Double check all clamps are tightened and that all hangers are secure in rubber grommets. It is recommended that after installation of the exhaust system you have all slip connections tack welded by a muffler shop.

#### NOTES:

1. All exhaust systems expand about 1" rearward when exhaust temperature rises.
2. It may be necessary to adjust the location of the spare tire.
3. Use anti-seize on threads of clamps.