



advanced FLOW engineering

Instruction Manual P/N: 46-50024-B

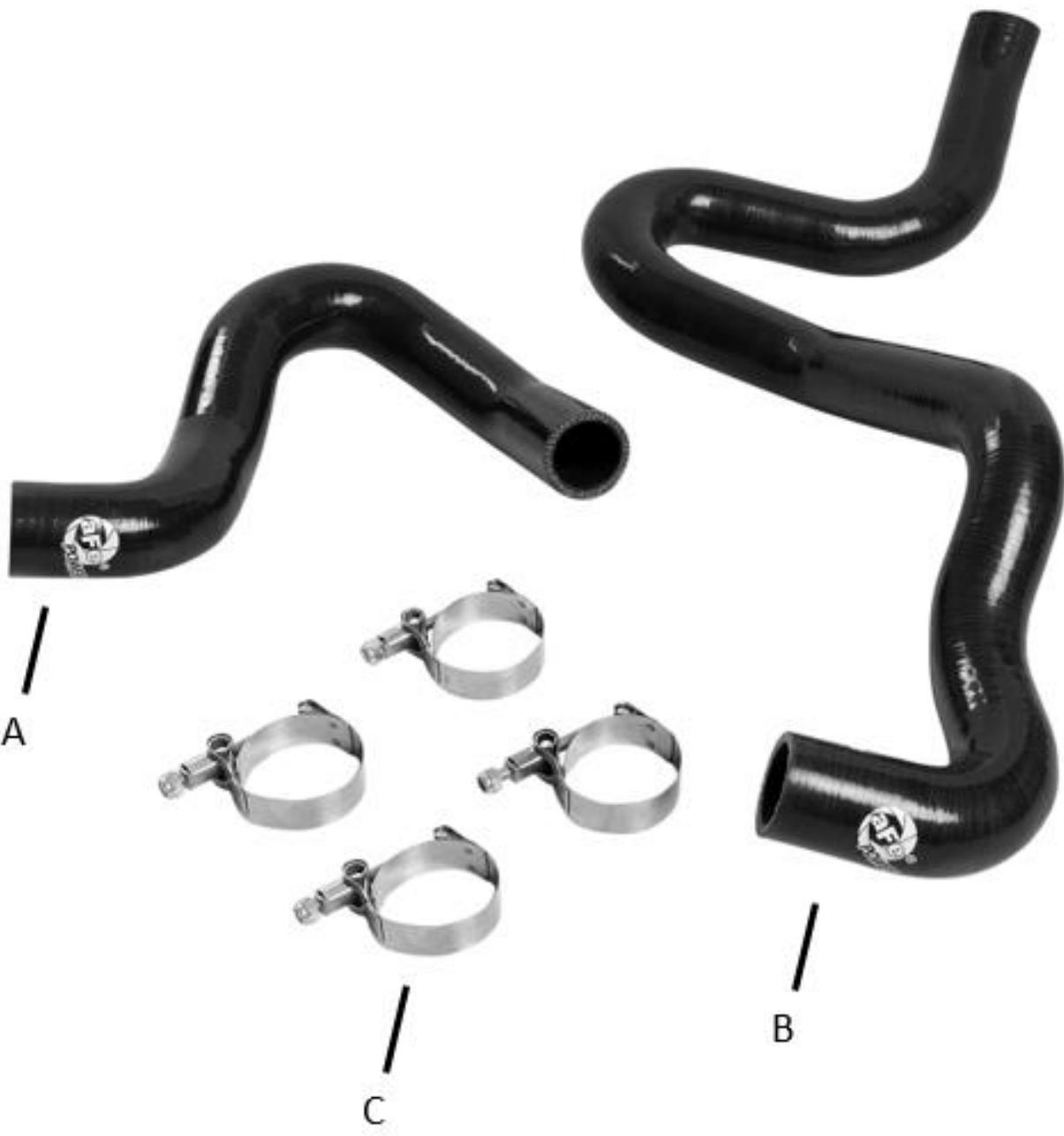
Make: NISSAN Model: PATROL Y61 Year: 2001-2019 Engine: I-6 4.8L

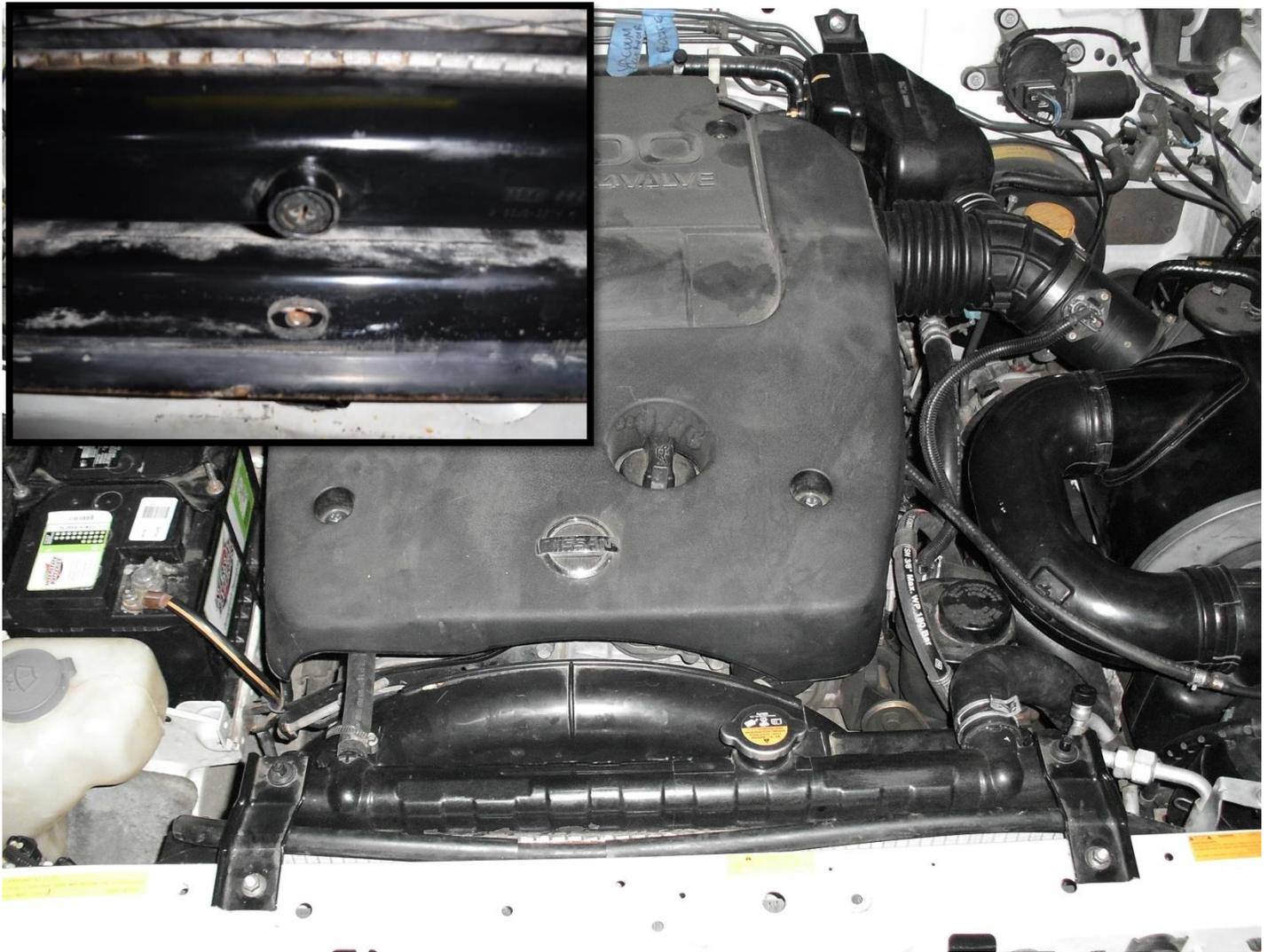


- Please read the entire instruction manual before proceeding.
- Ensure all components listed are present.
- If you are missing any of the components, call customer support at 951-493-7100.
- Ensure you have all necessary tools before proceeding.
- Do not attempt to work on your vehicle when the engine is hot.
- Disconnect the negative battery terminal before proceeding.
- Retain factory parts for future use.

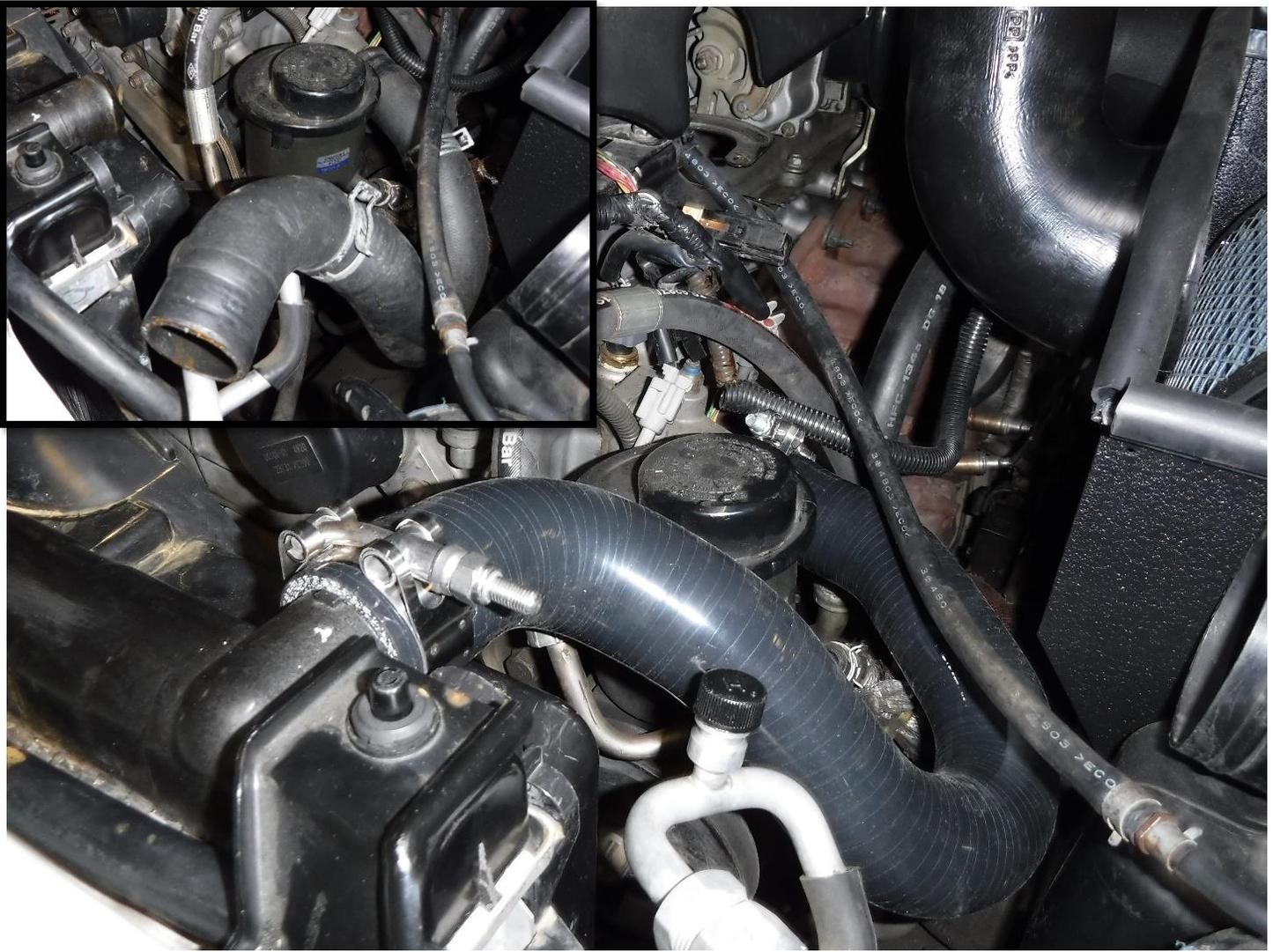
| Label | Qty. | Description |
|-------|------|----------------------------------|
| A | 1 | Radiator Hose, Upper: 46-50024-B |
| B | 1 | Radiator Hose, Lower: 46-50024-B |
| C | 4 | Clamp, T-Bolt: 1.80" Dia |

Tools Needed: Ratchet, extension, 10mm socket, 7/16" socket, pliers.

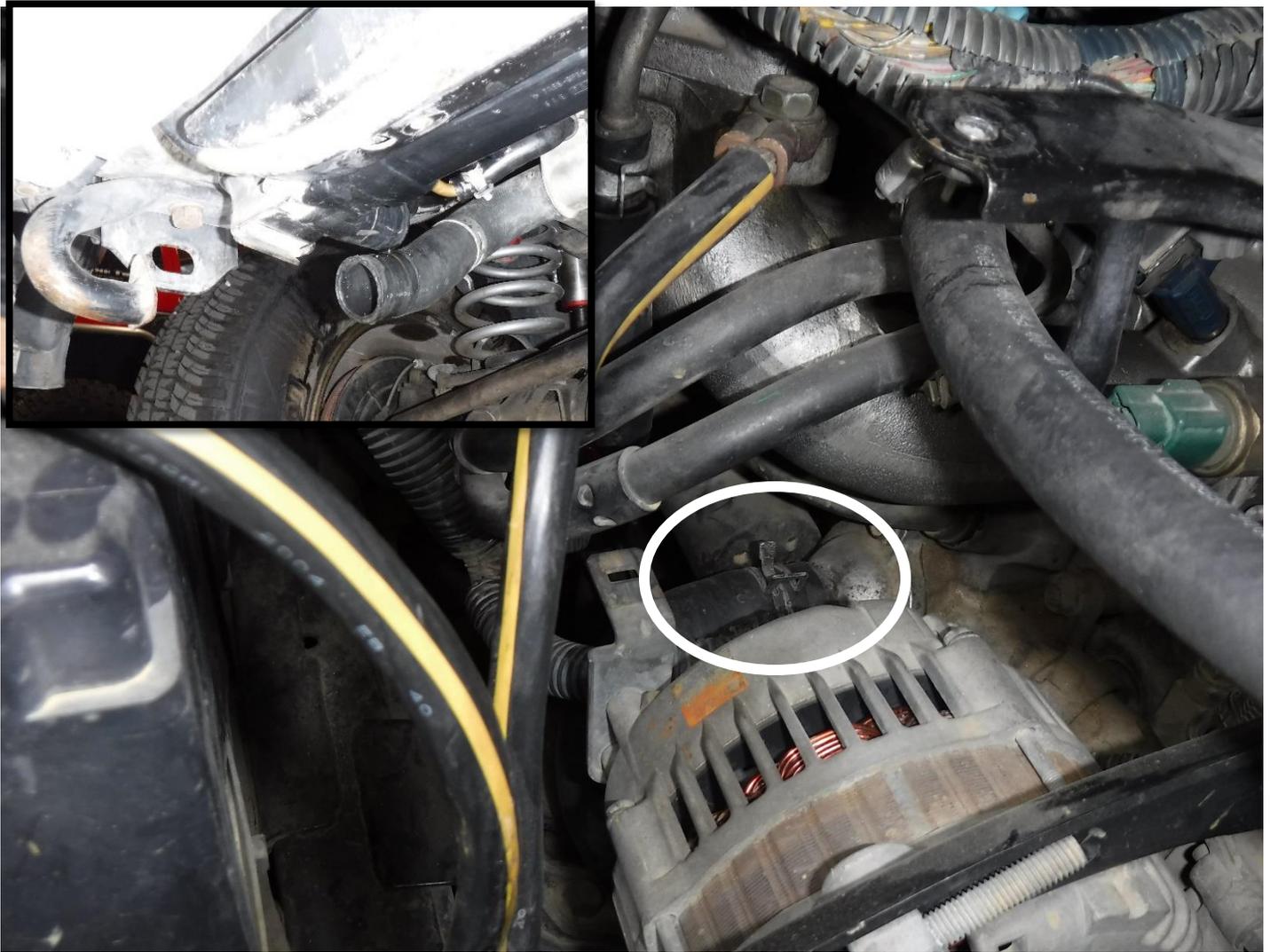




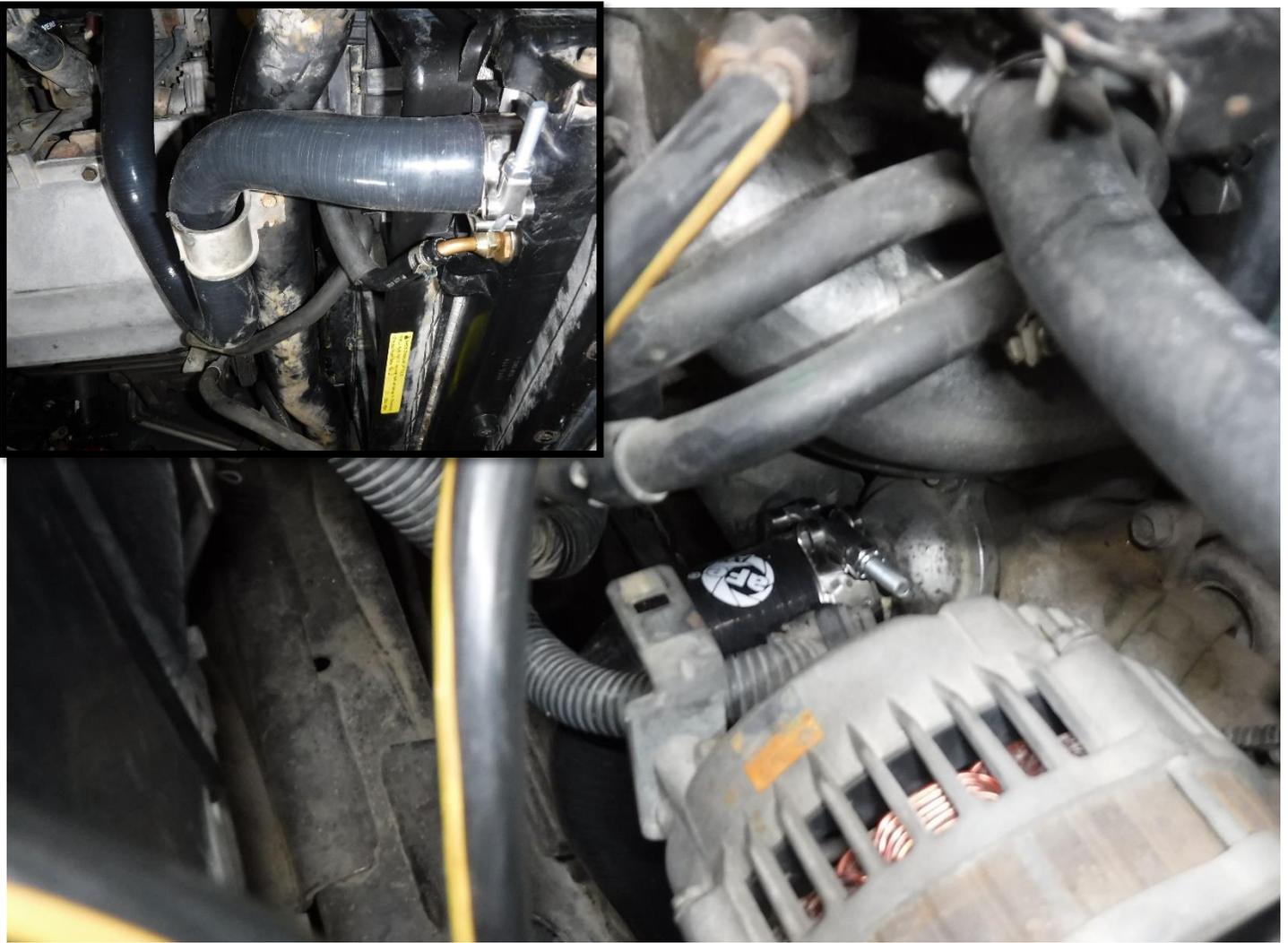
1. Park vehicle on level ground and engage the parking brake.
2. Disconnect negative battery cable.
3. If equipped, remove the bolts securing the skid plate to the vehicle.
4. Open the petcock and begin draining coolant into a drain pan.
5. Remove radiator cap and drain remainder of coolant from the system.
6. Remove the engine cover from the vehicle.



7. Locate the upper radiator hose on the driver side of the vehicle.
8. Disconnect and remove the upper radiator hose from the vehicle.
9. Install the supplied aFe upper radiator hose into the vehicle along with two (2) of the supplied 1.80" Dia T-Bolt clamps.
10. Rotate the new hose clamps to where they will not be rubbing on anything and tighten.



11. Locate the lower radiator hose on the passenger side of the vehicle.
12. Disconnect the lower radiator hose from the engine from the top.
13. Disconnect the lower radiator hose from the radiator from the bottom.
14. Remove the radiator hose from the vehicle.



15. Install the supplied aFe lower radiator hose into the vehicle along with two (2) of the 1.80" Dia T-Bolt clamps.
16. Rotate the new hose clamps to where they will not be rubbing on anything and tighten.
17. If equipped, reinstall the skid plate onto the vehicle and tighten.



18. Be sure the drain plug is closed completely.
19. Reconnect the negative battery cable.
20. Use the proper coolant refill procedure to be sure that all the air gets out of the system when refilling the coolant.
21. Top off coolant in the radiator, fill the over-flow bottle to the max line, and install the radiator cap.
22. Reinstall the engine cover.
23. Test drive the vehicle.
24. Let the vehicle cool down then check coolant levels, top off if needed.
Install is now complete.

Note: Be sure to check all connections after 50-100 miles.

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