



**757-842-6497**  
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**J&L 3.0 Oil Separator Passenger Side #3118D**  
(2017-2023 Nissan Armada 5.6L; 2014-2023 Infiniti QX80 5.6L)

**To view install video: go to our website [www.JLosc.com](http://www.JLosc.com) and type 3118D in search box. Click on product, scroll down and click on videos.**

**Installation Instructions**

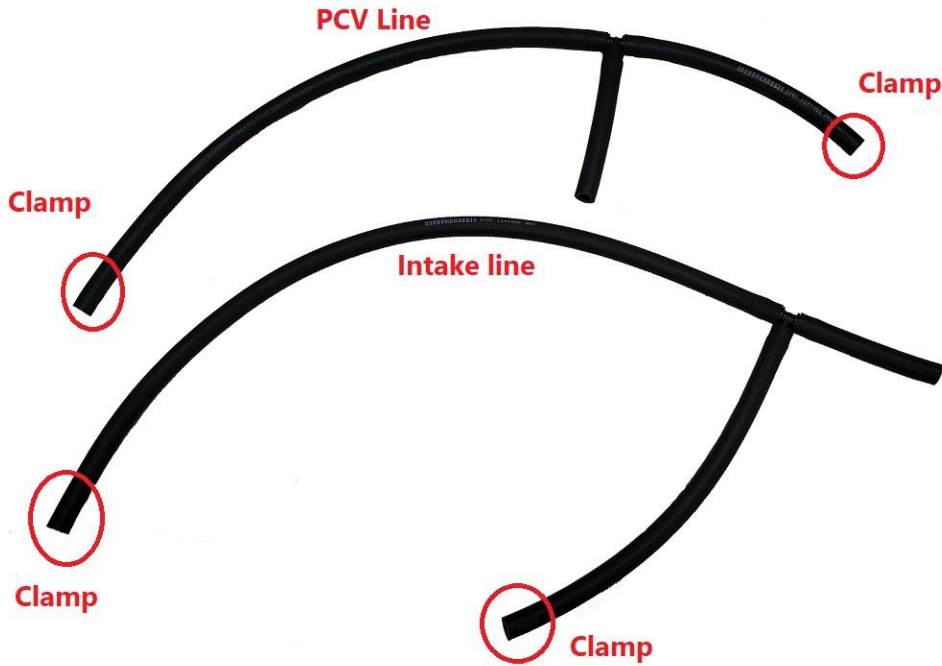
Please review complete instructions prior to installing.

Step #	
1	<b>Verify you have all of the following parts included in the kit:</b> (1) J&L Oil Separator, (1) J&L Mounting bracket, (2) M4 Fine thread machine screws, (2) 3/8's hose assemblies
2	<b>Gather the following tools needed for the installation:</b> Phillips screwdriver, 10mm socket, ratchet, pliers, and light oil
3	Remove Factory engine cover by removing (2) 10mm bolts and pulling up at the front and sliding towards the front of the vehicle. Locate and remove both factory PCV line's squeezing clamps to release and removing it from the PCV valve and intake manifold. There is one on the driver and passenger sides.

A close-up photograph of the engine compartment. Two red arrows point to the clamps on the PCV lines. One arrow points to a clamp on a line connected to a white PCV valve, and the other points to a clamp on a line connected to the intake manifold.

A close-up photograph of the engine compartment, showing a different angle of the PCV lines. Two red arrows point to the clamps on the PCV lines. One arrow points to a clamp on a line connected to a PCV valve, and the other points to a clamp on a line connected to the intake manifold. The hose has "NOT KINK" and "DO NOT" printed on it.

- 4 Remove clamps from factory hoses, you will reuse these clamps at the connections on the engine. One clamp on each of the (4) longest hoses.



- 5 Mount the J&L bracket to the J&L oil separator with supplied screws, mount bracket so the logos on the bracket and oil separator face a similar direction.

Locate 10mm engine cover mounting stud, remove stud on driver side. Slide J&L bracket into place and use stud to secure the bracket.

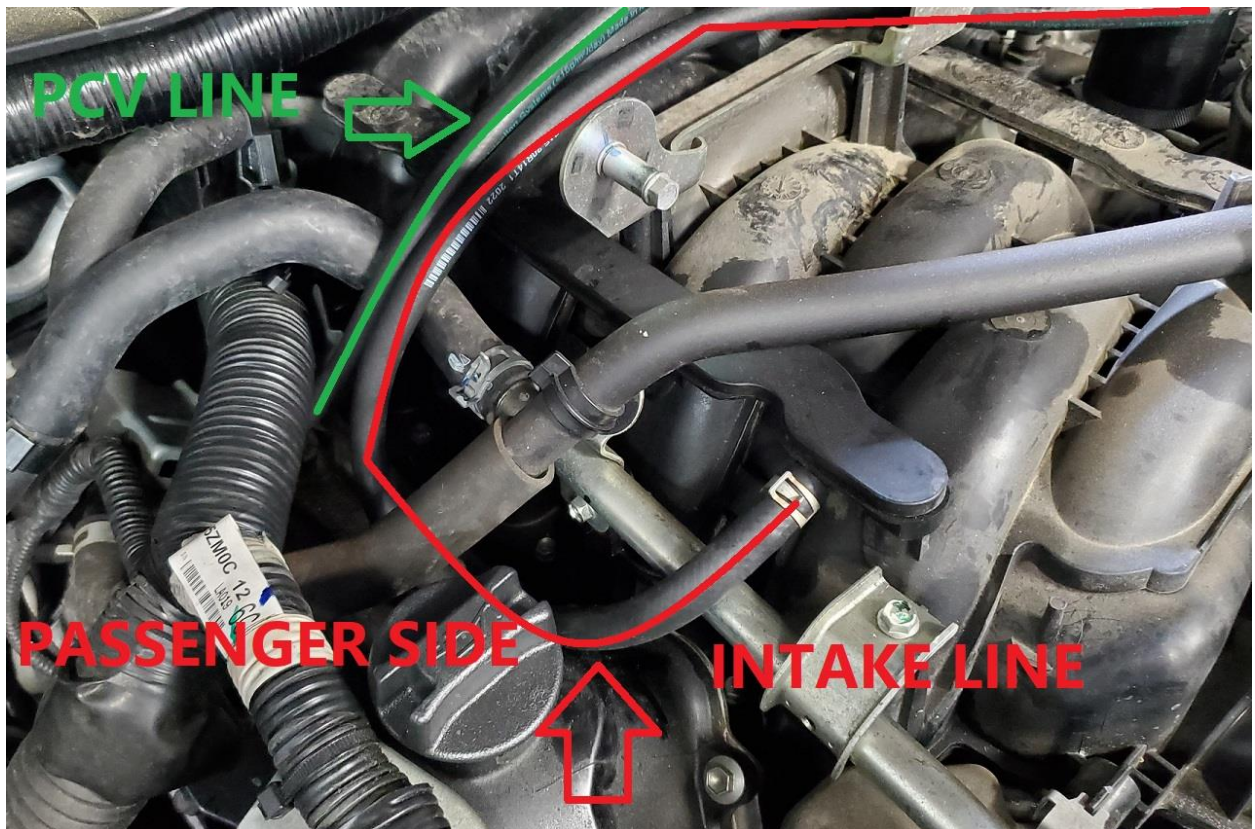
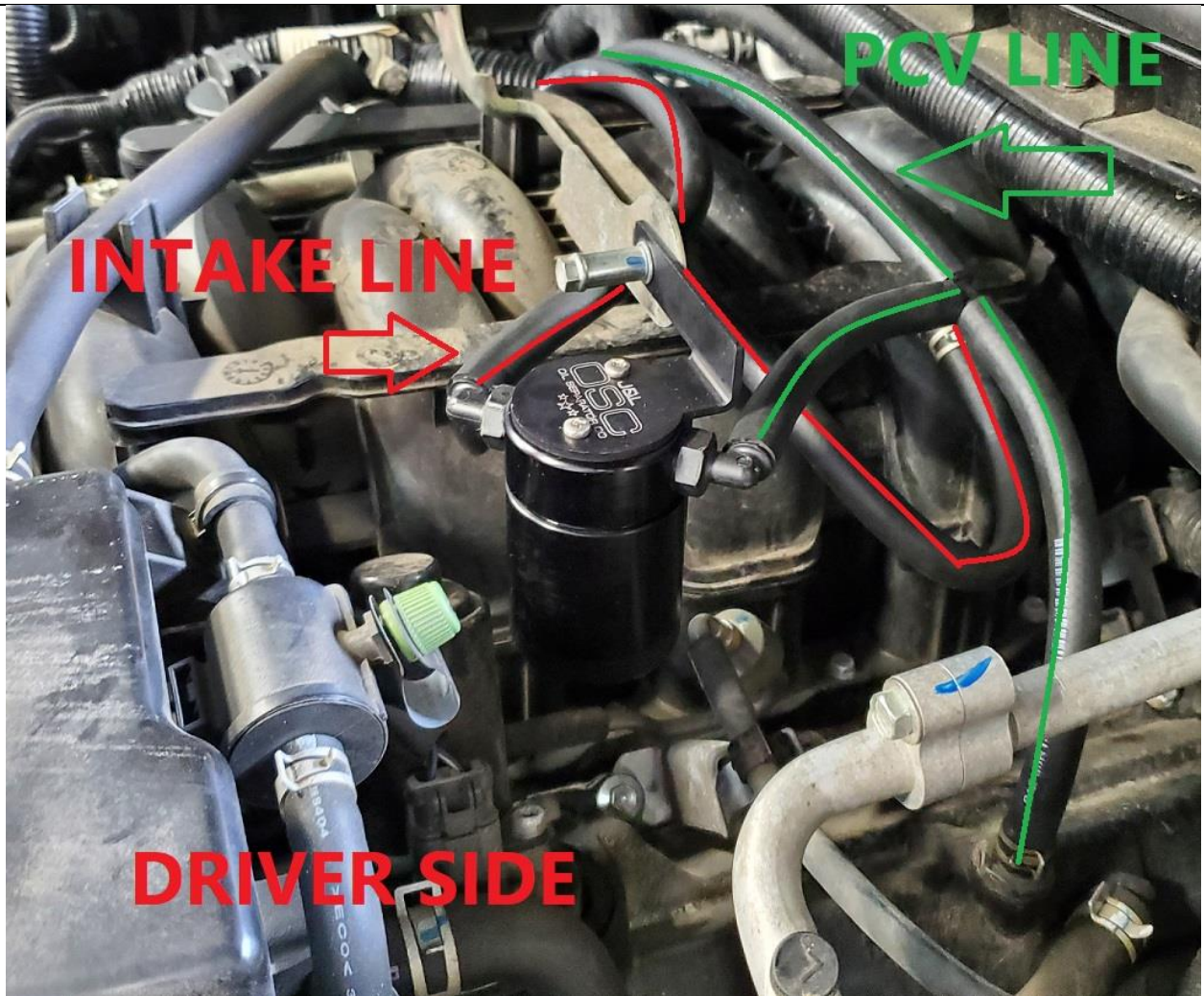


- 6 Take the PCV line of the two J&L hoses (refer to step #4 diagram). This line will run to PCV Valves on the valve covers from the "C" (OSC) side of the J&L oil separator. Start from the back of engine and route long line under coolant line and breather line. Use light oil inside hose end and lightly oil connection on oil separator and PCV Valves. This will help to slide hose all the way on to their connection points. Once hose is attached slide clamps down onto the PCV fittings with pliers.

Now route the Intake hose from the "O" (OSC) side of the oil separator, connect to intake connections while keeping "sweeping" bends to avoid kinking of the hoses. Be sure to lubricate these connections also for easier install. Slide clamp up on Intake hose once it is attached.

See the next page for suggested hose routing, please note the lines are adjustable on the "T" and can be twisted for adjustment.







<b>7</b>	Reinstall engine cover. Check oil separator after 1000 miles of driving to gauge how often you will need to service it. The oil separator can be serviced without removing the engine cover, but we do suggest removing it to avoid spills!
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To properly clean the filter in the Oil Separator, spray any degreaser or solvent through it and let it air dry. Clean it every 10,000 miles.

Thank you for your business. If you have any questions, please e-mail [info@JLosc.com](mailto:info@JLosc.com) or call 757-842-6497. Our hours are Monday-Friday. 8:00am – 4:30pm Eastern Time.

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