



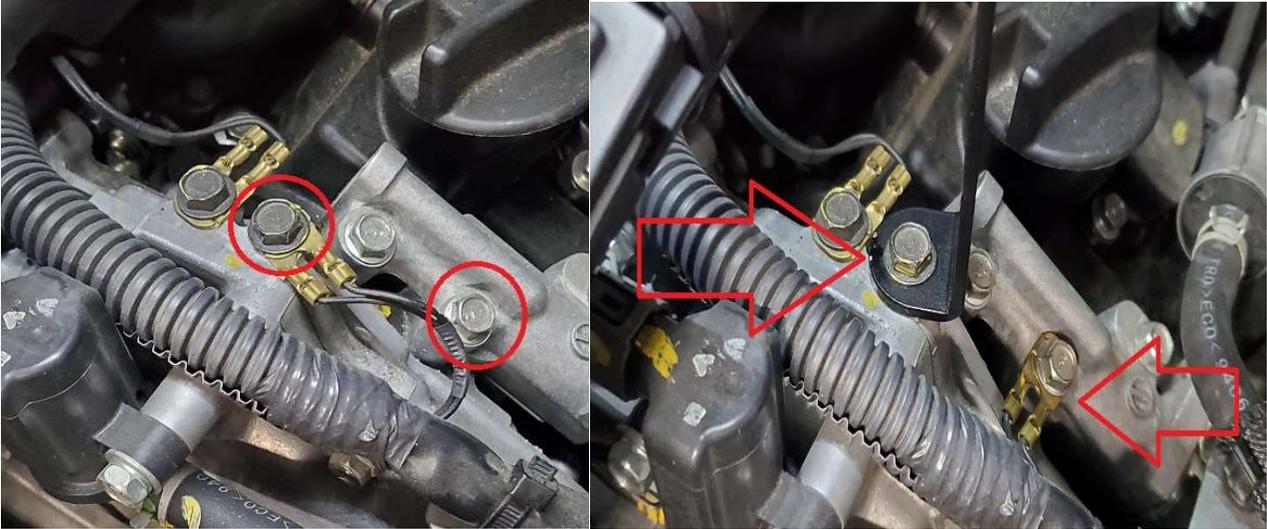
757-842-6497
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J&L 3.0 Oil Separator Passenger Side #3109P
(2005-2019 Nissan Frontier 4L; 2005-2012 Nissan Pathfinder 4L)

To view install video: go to our website, www.JLosc.com and type 3109P in search box.
Click on product, scroll down and click on videos.

Installation Instructions

Please review complete instructions prior to installing.

Step#	
1	Verify you have all of the following parts included in the kit: (1) J&L Oil Separator, (1) J&L Mounting bracket, (2) M4 Fine thread machine screws, (2) 3/8's hoses
2	Gather the following tools needed for the installation: Phillips screwdriver, 10mm socket, ratchet, pliers, and light oil (it is very helpful to have a long pair of needle nose pliers)
3	<p>Locate and remove the two 10mm bolts circled below, you will move the ground strap to the silver bolt. Mount J&L bracket with shorter black bolt, install J&L oil separator to bracket with supplied screws before tightening bolt for bracket, ensure the assembly clears the oil fill cap.</p> 
4	<p>Locate PCV line on passenger side of engine, running from the intake manifold to the back of the engine. Squeeze clamps to slide them back and remove line.</p> <p>NOTE: We recommend unplugging the large grey plug at the backside of the engine and bending the bracket inwards to make more space to get pliers on the back clamp. The grey plug will release buy squeezing the releasing tab and pushing the connection away from the plug. The rear connection can be difficult to remove, take your time!</p> 

5 Once OEM PCV line is removed, remove the clamps from that line. Preinstall one clamp on each of the J&L supplied hoses. Use light oil to lubricate the inside of the hose end to help with install onto the engine fittings. Connect the longer of the two hoses to the intake manifold, slide factory clamp up the hose once installed. Route hose behind engine towards oil separator.

Now do the same with the shorter of the two J&L hoses, lube hose end well as this connection is harder to get too. Install the line onto the PCV connection at back of engine, slide clamp up. Bend bracket for harness connection back and plug-in connection, an audible click will be heard.



- 6**
1. Connect the line that ran from the intake manifold to the **"C" (OSC LOGO)** side of the oil separator. Use light oil to lube hose and fitting before install.
 2. Connect the line that ran to the PCV valve to the **"O" (OSC LOGO)** side of the oil separator. Use light oil to lube hose and fitting before install.



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 or call 757-842-6497. Our hours are Monday-Friday. 8:00am – 4:30pm Eastern Time.

J&L Oil Separator co. Lifetime Satisfaction Guarantee. We want you to be a J&L customer for life! Your new J&L product is warranted to be free from defects in materials and workmanship for the life of the *original retail purchaser*, subject to the limitations contained in our warranty found here. www.JLosc.com/warranty

We guarantee workmanship and even a pathway to discounted upgrades for substantially improved items.

Return Policy: All returns will be subject to a 10%-25% restocking fee. Please visit www.JLosc.com for complete return policy.

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