




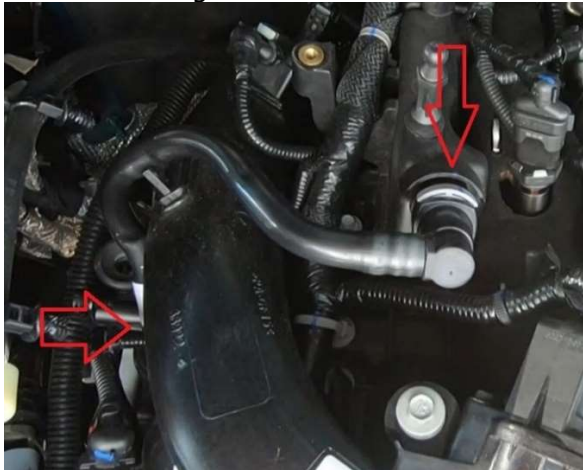
**757-842-6497**  
**WWW.JLOSC.COM**

**J&L 3.0 Oil Separator, Driver Side (2018-2023 Jeep Wrangler 2L)  
#3070D**

**Installation Instructions**

**Check out the install video of this product on our website [www.JLosc.com](http://www.JLosc.com) Search: 3070D and click videos**

**Please review complete instructions prior to installing.**

Step#	
<b>1</b>	<b>Verify you have all of the following parts included in the kit:</b> (1) J&L Oil Separator with hoses, (1) J&L Mounting bracket, (2) Fine thread machine screws (1) Ziptie
<b>2</b>	<b>Gather all of the following tools needed for the installation:</b> Phillips screwdriver, clip pry tool & 10mm socket and ratchet
<b>3</b>	<p>Remove the engine cover by unscrewing the (2) 10mm bolts on the front of the cover, lifting on the rear of the cover to release it from the two grommets. Next remove the side cover, this cover is secured with (2) 10mm bolts also, the transmission vent line can also be removed from this cover to allow the cover to be removed completely from the vehicle for more space.</p> 
<b>4</b>	<p>Locate the PCV line that was exposed when you removed the side cover. Push grey tab and pull from fitting. Remove entire hose from engine and save.</p> 

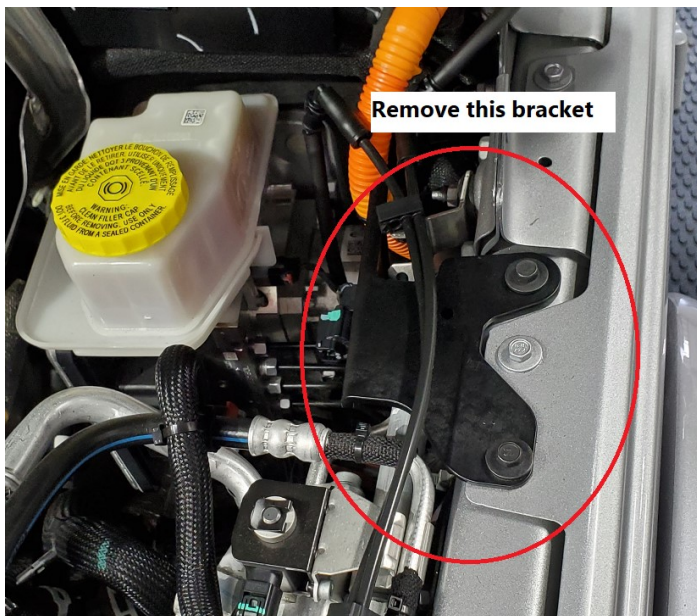
Use the 2 supplied M4 screws to mount the separator to the bracket

Use the 10mm bolt shown here to mount the J&L bracket to the driver side of the Jeep shown here:



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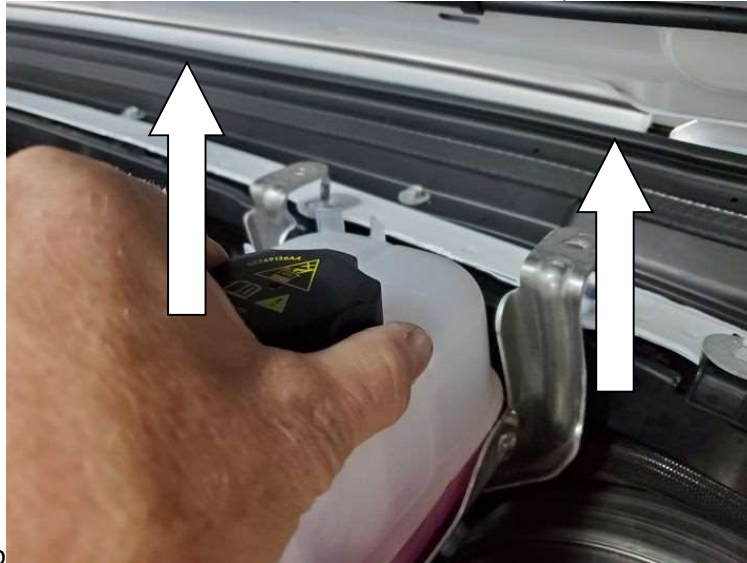
**4xe owners-** You will need to remove the black plastic bracket that is holding two small wiring harnesses. Pull harness pins out of bracket with clip pry tool. Secure two small harnesses to large orange wire with supplied ziptie. You will mount the J&L Bracket with the bolt that was closest to the rear of the vehicle.



5a



Remove the (2) 10mm nuts holding down the coolant overflow tank, lift tank up and route long hose from the separator down behind the tank and bolt back up.



6

Route longer hose around back of engine to the PCV connection on the back of valve cover.

Route shorter hose under coolant lines and on the back side of the metal bracket on to PCV connection on manifold.

**NOTE: All connections WILL ROTATE in the hose to make for a smooth connection**



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8	Reinstall engine covers
9	<p>Check oil separator after 1000 miles of driving.</p> <p><b>4xe owners-</b> We recommend unbolting the bracket from the body to lift oil separator out of tight area to check it. This will prevent you from dropping the reservoir and making a mess 😊</p>



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.

**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](http://www.JLosc.com/warranty)

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

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