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J&L 3.0 Oil Separator PCV Side #3125P
(2017-2025 Chrysler Pacifica and Voyager 3.6L)

To view install video: go to our website, www.JLosc.com and type 3125P in search box. Click on product, scroll down, and click on videos.

Installation Instructions

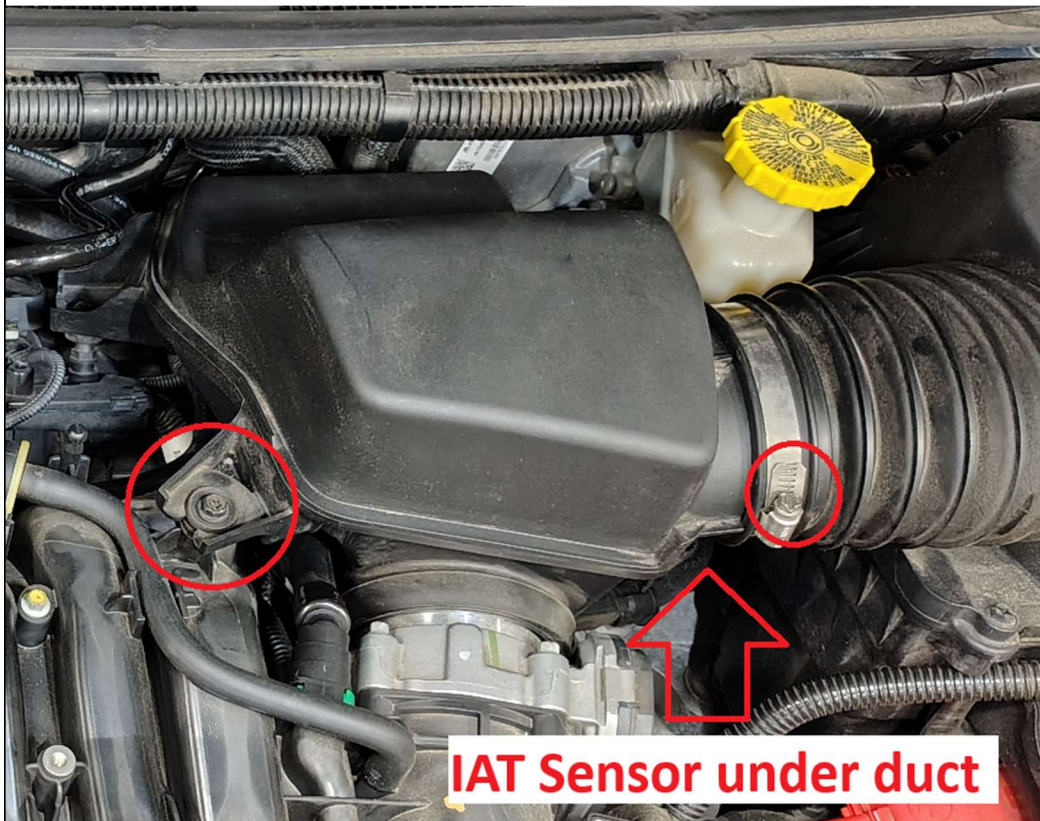
Please review complete instructions prior to installing.

| 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 | Gather the following tools needed for the installation: Phillips screwdriver, 10mm socket, extension, ratchet and 5/16" nut driver or flat head screwdriver. Optional but recommended: Clip pry tool |
| 3 | Remove engine cover by removing two 10mm bolts holding front of cover. Pull up firmly on back of cover to release from two rubber grommets. |



4

Remove 10mm bolt holding down air intake, loosen 5/16" Clamp at air box. Remove IAT sensor in this section by grabbing sensor and 1/4 twisting towards the front of the vehicle to release.

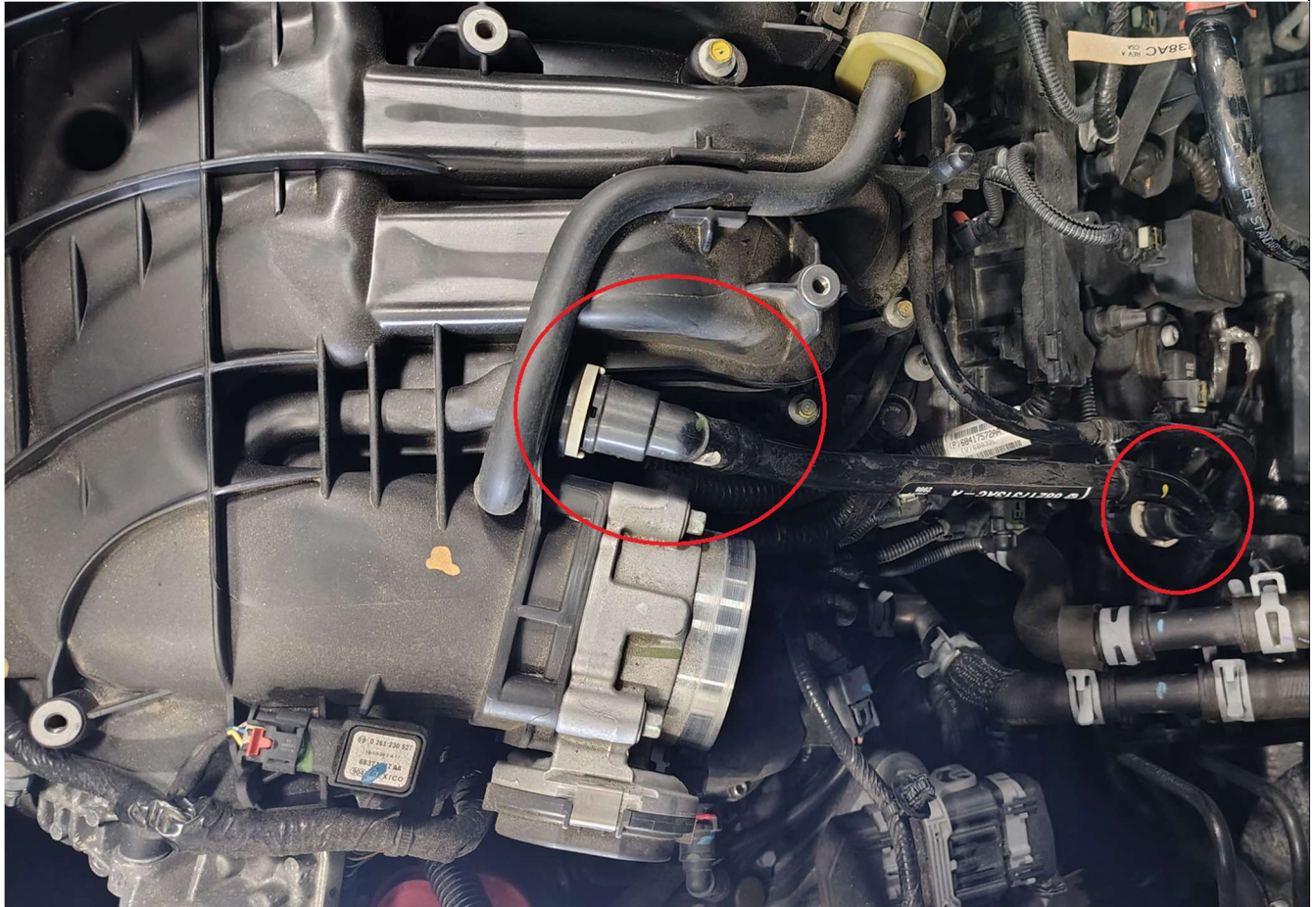


Slide duct with clamp off air box, lift rear of airbox off of rubber grommet. Then push the airbox off the throttle body, there is no clamp here. Pull air box past throttle body.

Disconnect IAT wiring harness from air box with pliers or clip pulling tool.

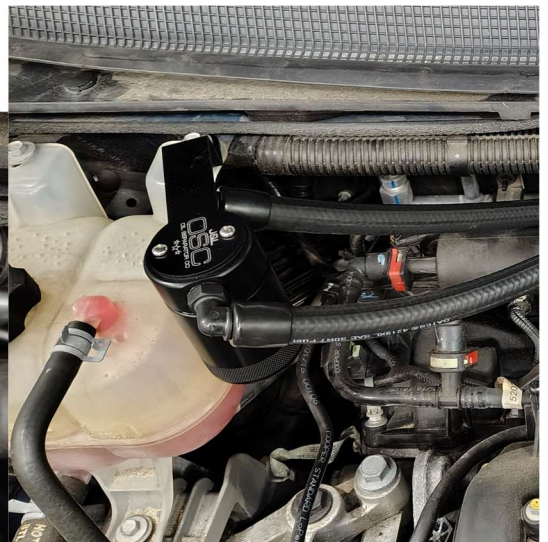


- 5** Remove factory PCV line. Start with releasing the fitting on the back of the engine first. Press white tab and pull up on the line to release. Disconnect from clamp and rotate hose to relieve pressure on intake fitting. Disconnect intake connection the same way.



- 6** **Mount J&L Bracket to J&L Oil Separator with the supplied screws, make sure both J&L logos are facing the same direction.**

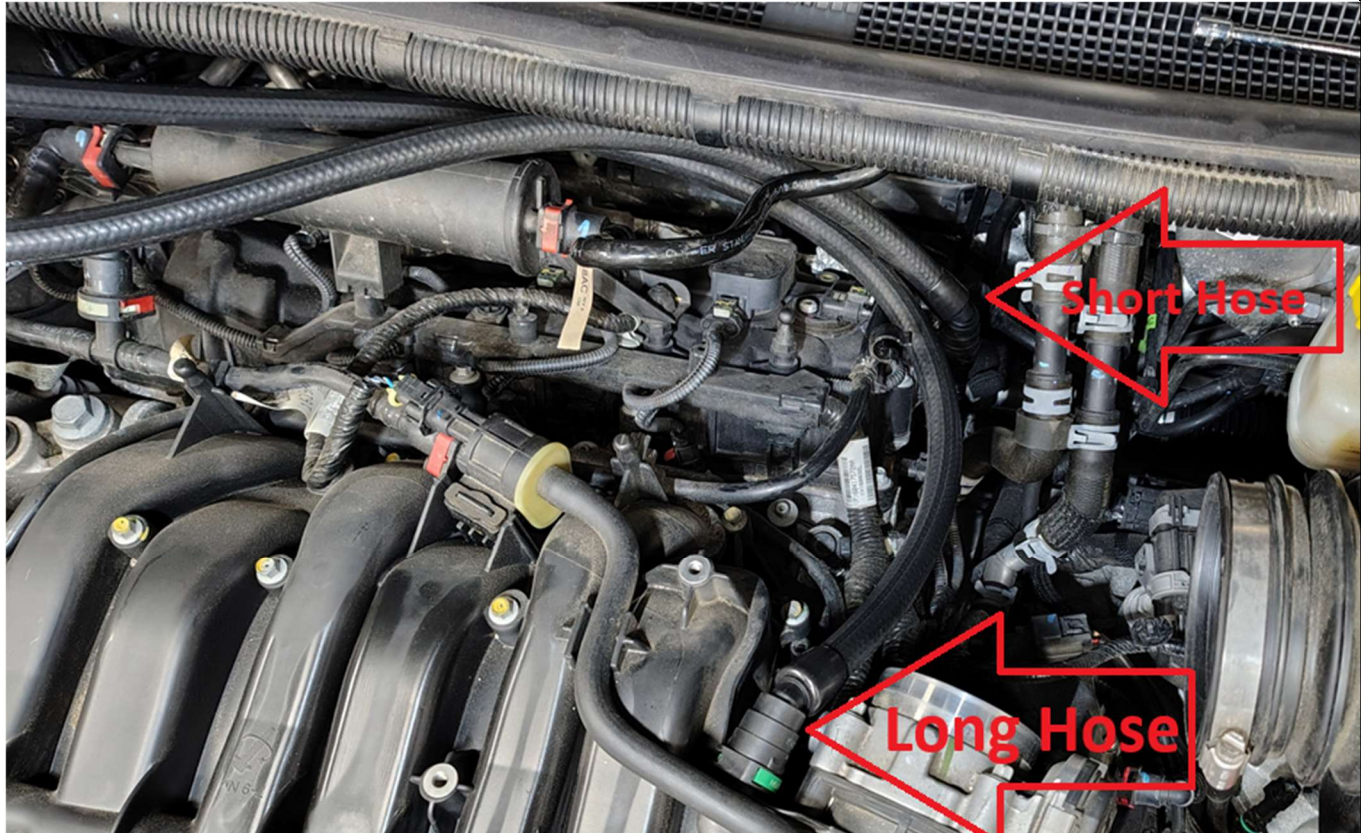
- 7** Remove 10mm bolt from coolant expansion tank mount, use same bolt to mount the J&L assembly loosely into place. Do not tight the bolt completely yet.



8 Connections.

Long hose- This hose will route to the intake manifold connection; these hoses will both route over the black canister and under the hard black line that connects to the canister. The fitting should be angled down towards the engine for optimum hose routing. Make sure the bends are nice and sweeping. No kinks! The fittings at the end of the hose are adjustable, they will spin 360 degrees. They may be tough to break free initially, but they will rotate for adjustment to make the hose connections better.

Short hose- This hose will connect to the PCV connection on the back of the engine, route under black line going to canister and push to connect.

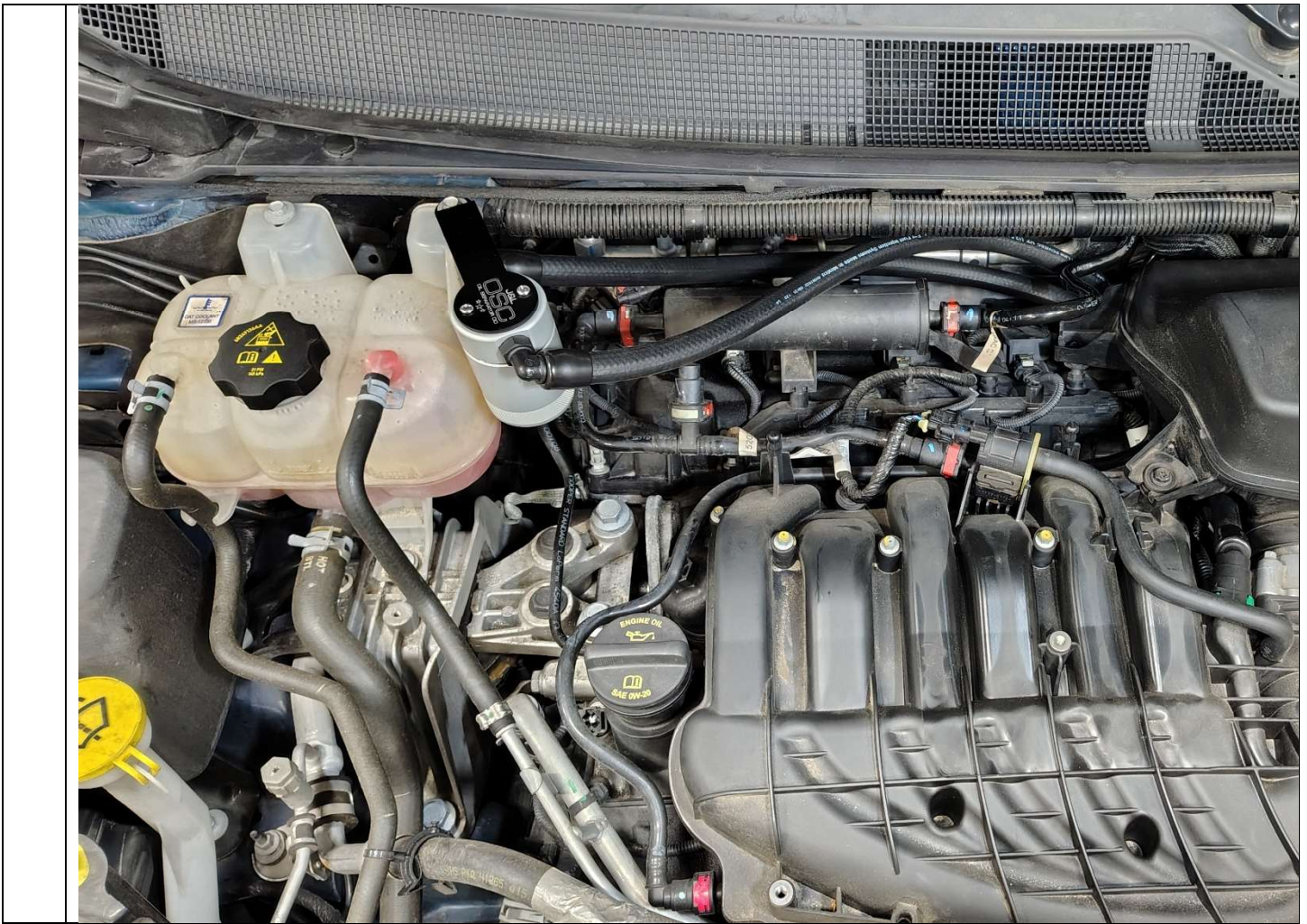


9 Reassemble airbox and engine cover. Double check the oil separator lines to make sure they are not pinched; the long line should route under the airbox.

Don't forget to reinstall your IAT sensor!

Once everything is reinstalled, tighten mounting bolt holding down the J&L assembly and coolant tank.

Check oil separator 500-1000 miles after installation, these 3.6L engines put more oil into the catch can than any other engine we make parts for. Collection rates can vary from vehicle to vehicle and driver to driver.



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.

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