

JLT 3.0 Oil Separator (2011-18 F150 - 5.0L; 6.2L/SVT Raptor; 5.0L & 6.2L/SVT Raptor with Roush/Whipple Supercharger; '15-'16 EcoBoost 2.7L & '15-'16 3.5L Passenger Side) #3016P
Installation Instructions

Please review complete instructions prior to installing.

Step#	
1	Verify you have all of the following parts included in the kit: (1) JLT Oil Separator, (1) Mounting bracket, (2) fine thread machine screws, (1) 6mm nut, (1) J Clip, (1) M6 bolt (1) 18" Hose with 90 degree fitting, (1) 21" hose with 45 degree fitting, (1) ZIP TIE, (1) 3/8" plug for Supercharged applications
2	Gather all of the following tools needed for the installation: Phillips screw driver, 10mm socket or wrench.
3	ECOBOOST 3.5: Remove engine cover by removing oil fill cap and pulling up on the cover. ECOBOOST 2.7: Remove engine cover by loosening 10mm nuts(2), oil cap and pull up on cover.
4	Remove factory PCV line by pulling tabs and pulling it off of the engine.



2011-14:
Use the supplied machine screws and mount the Oil Separator to the JLT bracket. The JLT on the can should line up with the JLT on the bracket and the supplied J Clip and bolt to mount the JLT bracket to the plastic cowl panel here:



2015-18:

Use the supplied machine screws and mount the Oil Separator to the JLT bracket. The JLT on the can should line up with the JLT on the bracket. **(On the 2015+ F150 5.0 you will flip the can so the JLT logo is opposite the bracket. This will put the 90 degree fitting on the passenger side of the truck for better hose routing.)** Install assembly onto existing stud and tighten with supplied nut.

NOTE: The 2016+ Trucks have a wiring harness that is secured with a single plastic pin, we recommend removing this harness from it's plastic bracket and use the supplied ZIP tie to secure it after the can is installed. There is adequate room for air gaps between all harnesses and hoses.

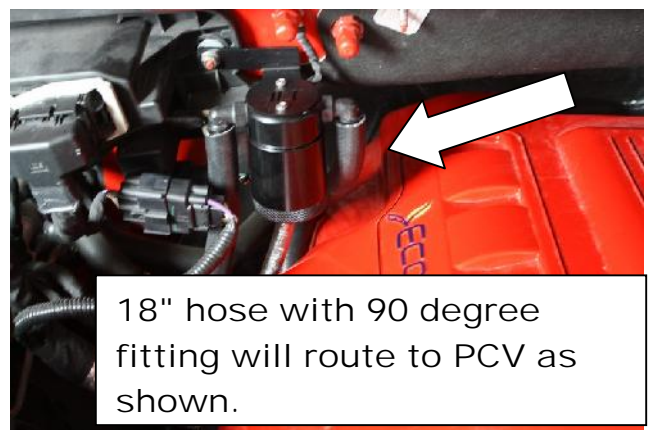
ROTATING INSIDE FITTING CAN HELP WITH ENGINE COVER INSTALL. 18MM WRENCH



3.5L & 2.7L EcoBoost



21" Hose with 45 degree fitting to intake manifold



18" hose with 90 degree fitting will route to PCV as shown.

Reinstall engine cover and oil fill cap. Pay attention to the hoses, they may need to be adjusted while reinstalling the cover to ensure the cover snaps down.

2017+ RAPTOR

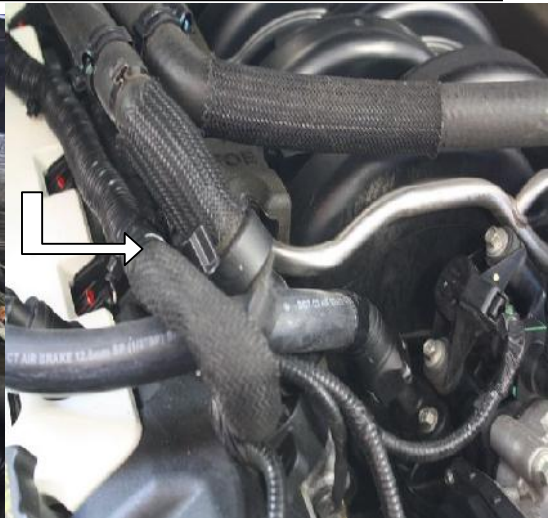
TRIM THE FOAM ENGINE COVER AS SHOWN BELOW TO REINSTALL



'11-'14 5.0L

18" hose with 90 degree fitting will route to PCV as shown.

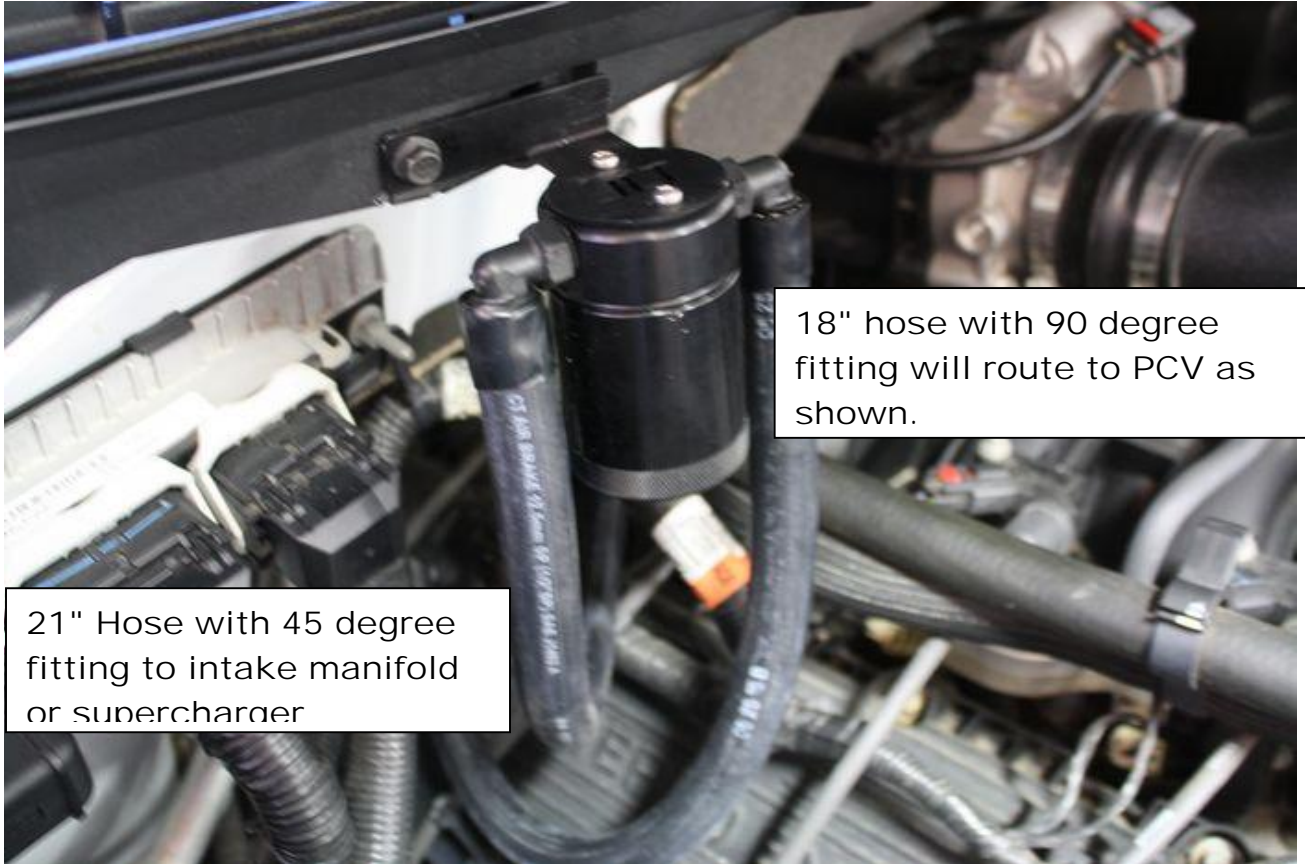
21" Hose with 45 degree fitting to intake manifold



15-'18 5.0L



6.2L



18" hose with 90 degree fitting will route to PCV as shown.

21" Hose with 45 degree fitting to intake manifold or supercharger



To properly clean the filter in the Oil Separator, remove the can from the truck and spray any degreaser or solvent through it and let it air dry. Clean it every 15,000 miles. Thanks for the business. If you have any questions, please e-mail info@JLTruecoldair.com or call 757-335-1940. Our hours are Monday-Friday. 8:00am–5:00pm Eastern Time.

Warranty: JLT Performance Inc. will repair or replace any part of their product found upon our inspection to be defective in workmanship or material within 1 year from the purchase date for the original purchaser.

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