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PRIOR TO INSTALLATION READ THESE INSTRUCTION COMPLETELY
For questions, Call the FORD PERFORMANCE Techline 1-800-367-3788

Please visit <https://www.performanceparts.ford.com> for warranty information

Kit contents:

- (1) CM-6766-R23 oil separator
- (1) CM-6K817-B23L inlet PCV hose (For 21-24 Bronco, 24 Ranger)
- (1) CM-6K817-R23L inlet PCV hose (For 20-23 Ranger)
- (1) CM-6K817-B23U outlet PCV hose
- (1) CM-BRKT-M23B bracket
- (2) W520201-S440 M6 nut



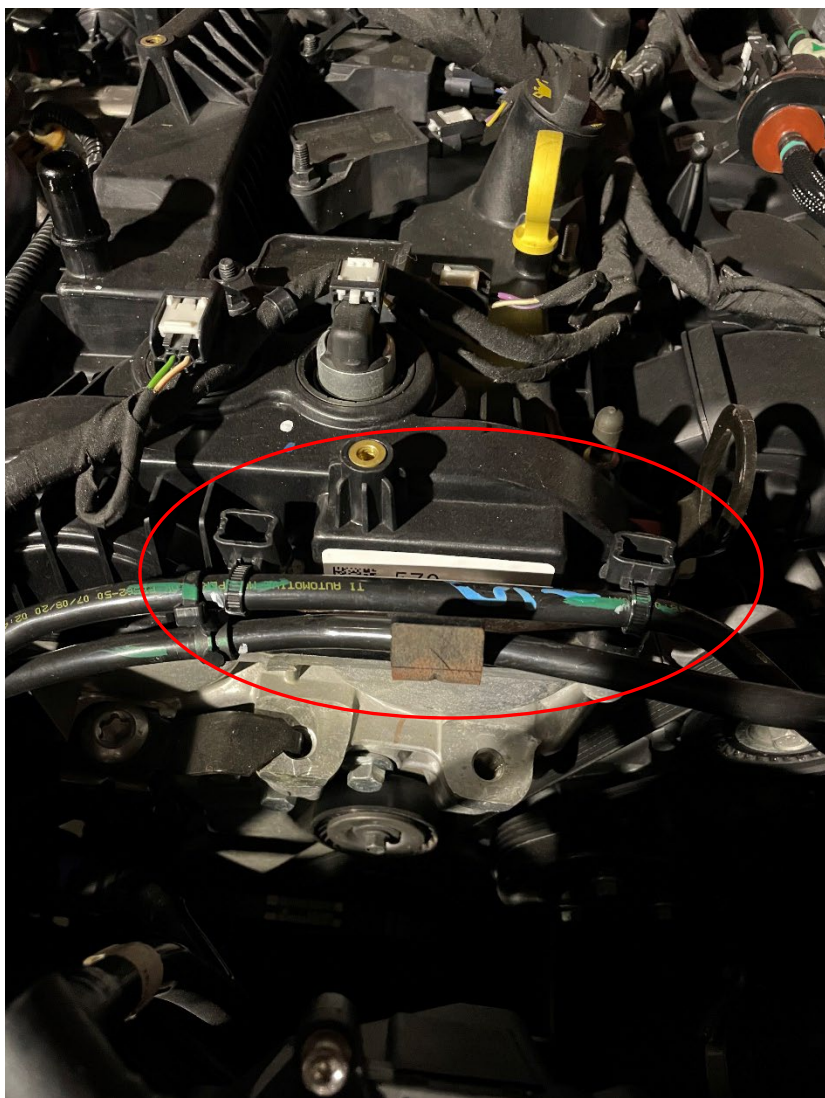
Remove vacuum line retainers from camcover studbolts, then install bracket over camcover studbolts and install (2) nuts. Torque to 10nm (88lbin).

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M-6766-B23 and M-6766-R23A
2021-2024 Bronco 2020-2024 Ranger
2.3L Bronco/Ranger Oil-Air Separator kit

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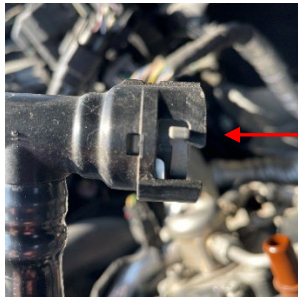
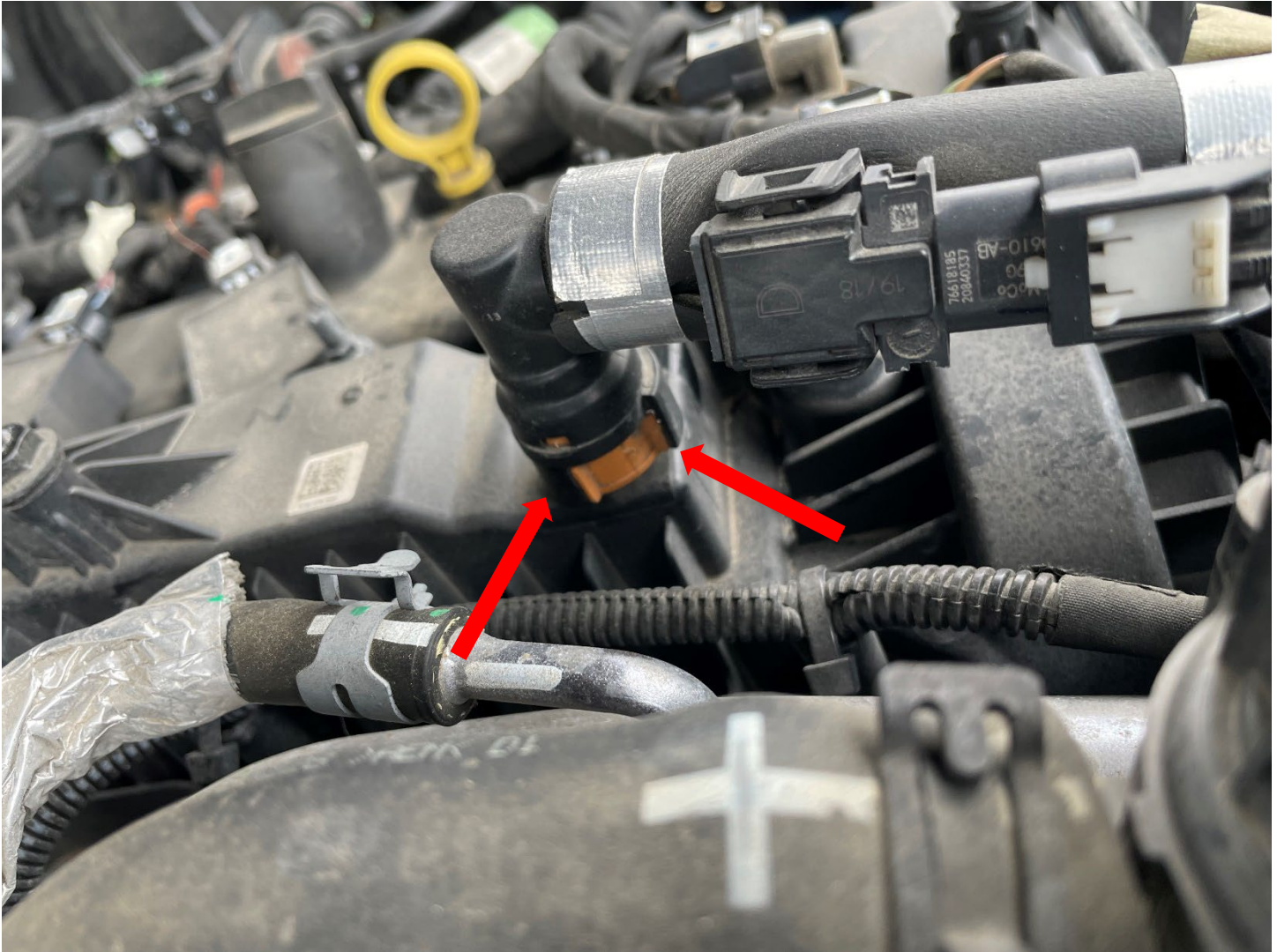


**Install retainers back
over studbolts as
shown.**

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NOTE: Illustration below is for 2019 Ranger 2.3L. Bronco 2.3L is very similar and sensor shown is not applicable.



- 1) If your vehicle is equipped with the Orange colored connector, gently pry upward on the bottom of the connector (2 screwdrivers on either side work best) to break the connector from the camcover spigot. This breakage is normal as the connector is considered not serviceable.
- 2) The lower connector of the PCV tube will be the Orange style (requiring breakage) or the Grey style, that simply requires the tab to be pulled back to release the connector from its spigot.

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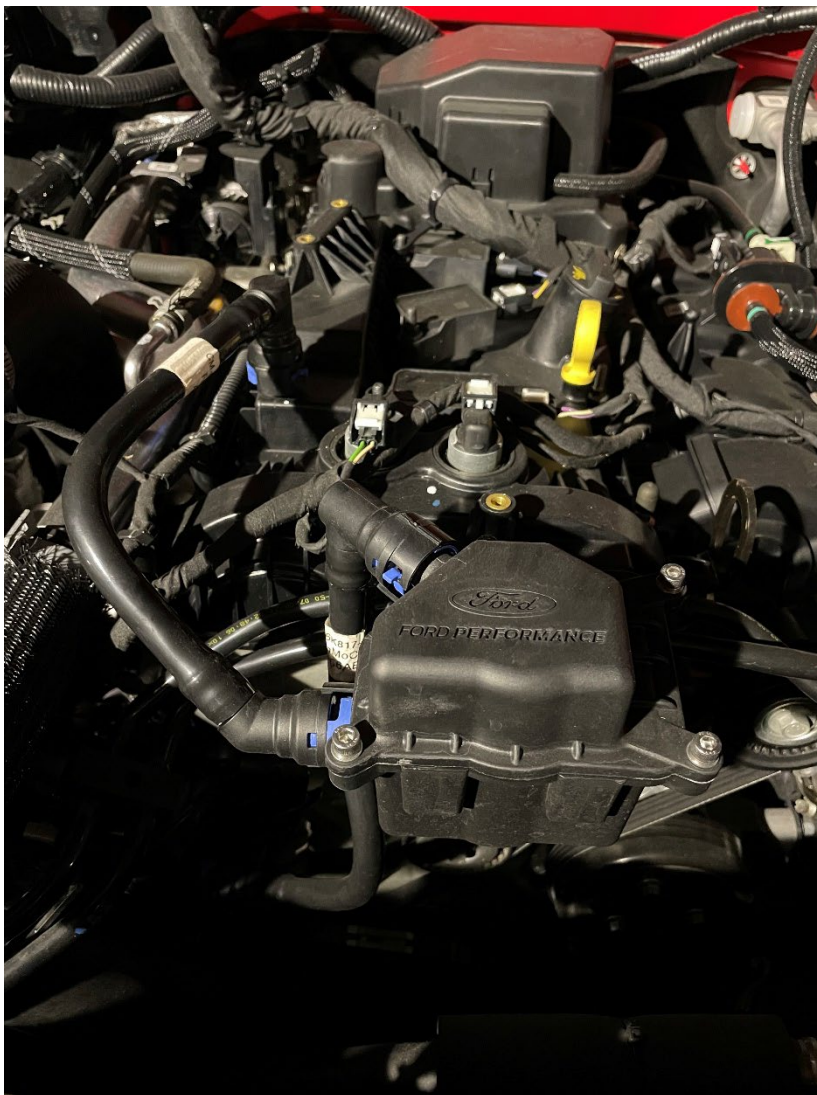
This removal will break the (3) locking tangs on the Orange connector. This is normal and necessary to remove the tamper-proof connector from the camcover spigot.

System Installation



Lightly lubricate inner O-rings with engine oil and firmly connect lower PCV tube connector to induction tube spigot.

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- 1) Install oil separator on bracket, sliding down firmly into place.
- 2) Lightly lubricate inside of PCV connectors with thin film of oil and snap onto camcover, oil separator, and induction tube spigots. Make sure to install completely listening for clicking sound and looking for blue tab on connector to be locked.

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