

CANFlex Flex Fuel Kit for 2021+ Ford F-150/Raptor 3.5L EcoBoost® Install Guide

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Use subject to terms and conditions posted at <https://burgertuning.com/pages/terms>

THIS PART IS LEGAL FOR USE ONLY IN COMPETITION RACING VEHICLES AS DEFINED UNDER CALIFORNIA LAW AND IS NOT LEGAL FOR USE IN ANY OTHER MOTOR VEHICLE. California law defines a "racing vehicle" as "a competition vehicle not used on public highways." (Calif. Health & Safety Code 39048) This part may only be used on competition racing vehicles operated exclusively on a closed course in conjunction with a sanctioned racing event. Competition-only motor vehicles may not be driven to a racing event on a public highway and must be transported on a trailer or other carrier. USE OF THIS PART IN ANY OTHER VEHICLE MAY SUBJECT YOU TO FINES AND PENALTIES FOR VIOLATION OF FEDERAL AND/OR STATE LAW, WILL VOID YOUR WARRANTY FROM BURGER MOTORSPORTS, INC, AND CAN VOID YOUR VEHICLE'S WARRANTY. It is your responsibility to comply with all applicable federal and state laws relating to the use of this part, and Burger Motorsports, INC hereby disclaims any liability resulting from the failure to use this part in compliance with all applicable federal and state laws.



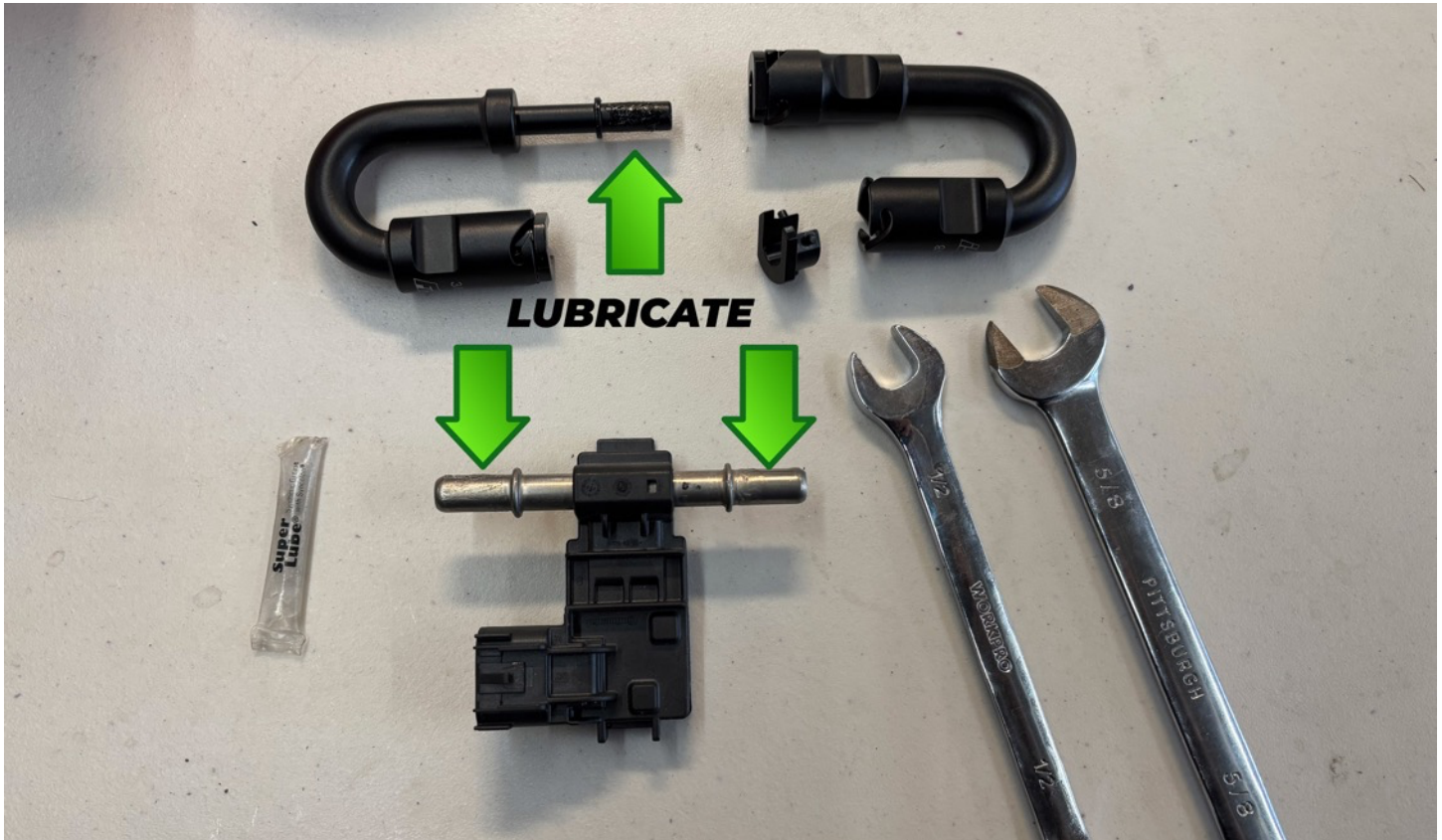
JB4 PRO App



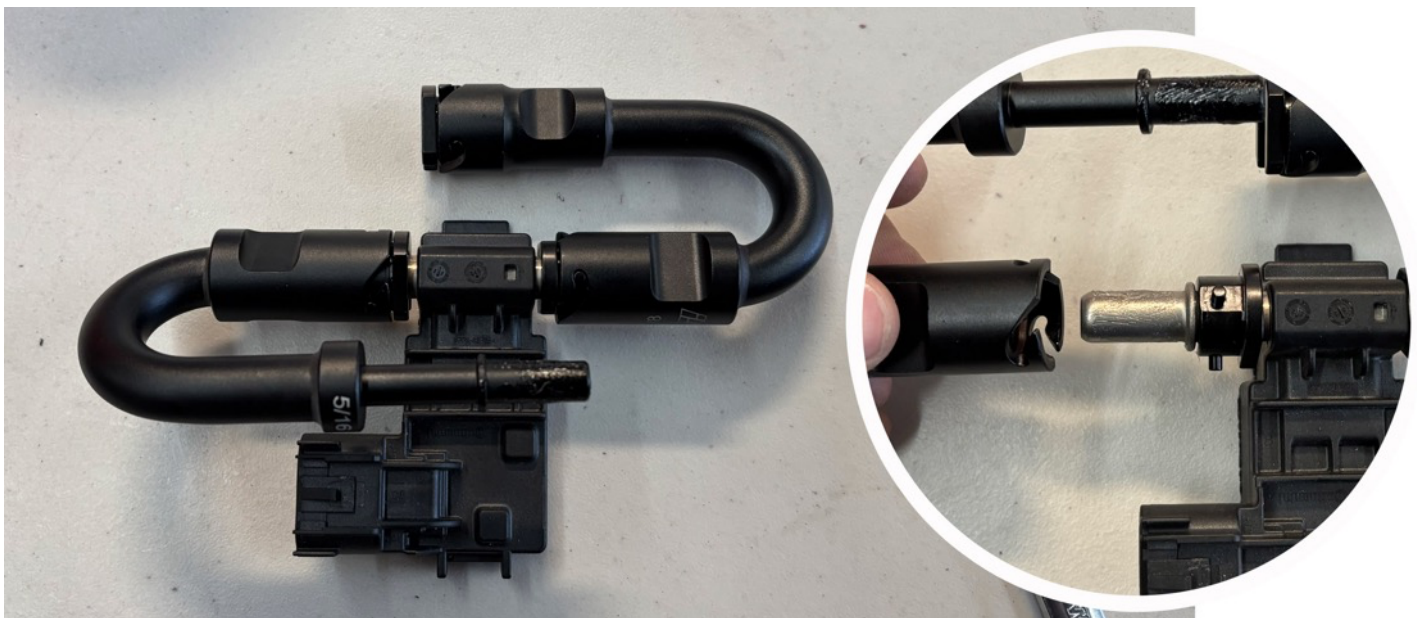
CANFLEX App

⚠ ATTENTION: Before starting installation, lock the doors and place the key at least 20 feet away from the vehicle. Wait 10 minutes for the vehicle to go to sleep.

Use the included super lube to lubricate the fittings shown below.



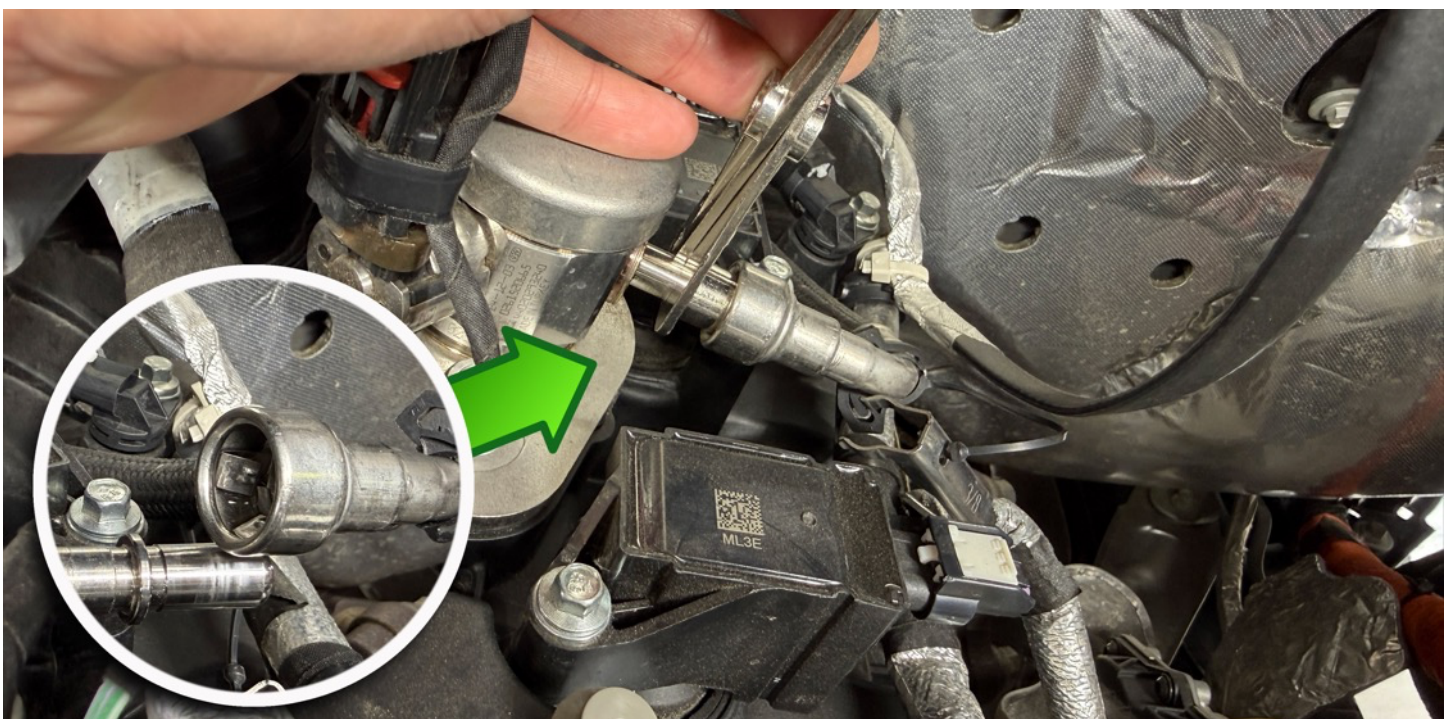
Connect and secure the included 180° fitting to the ethanol sensor as shown below. Make sure they securely lock in place.



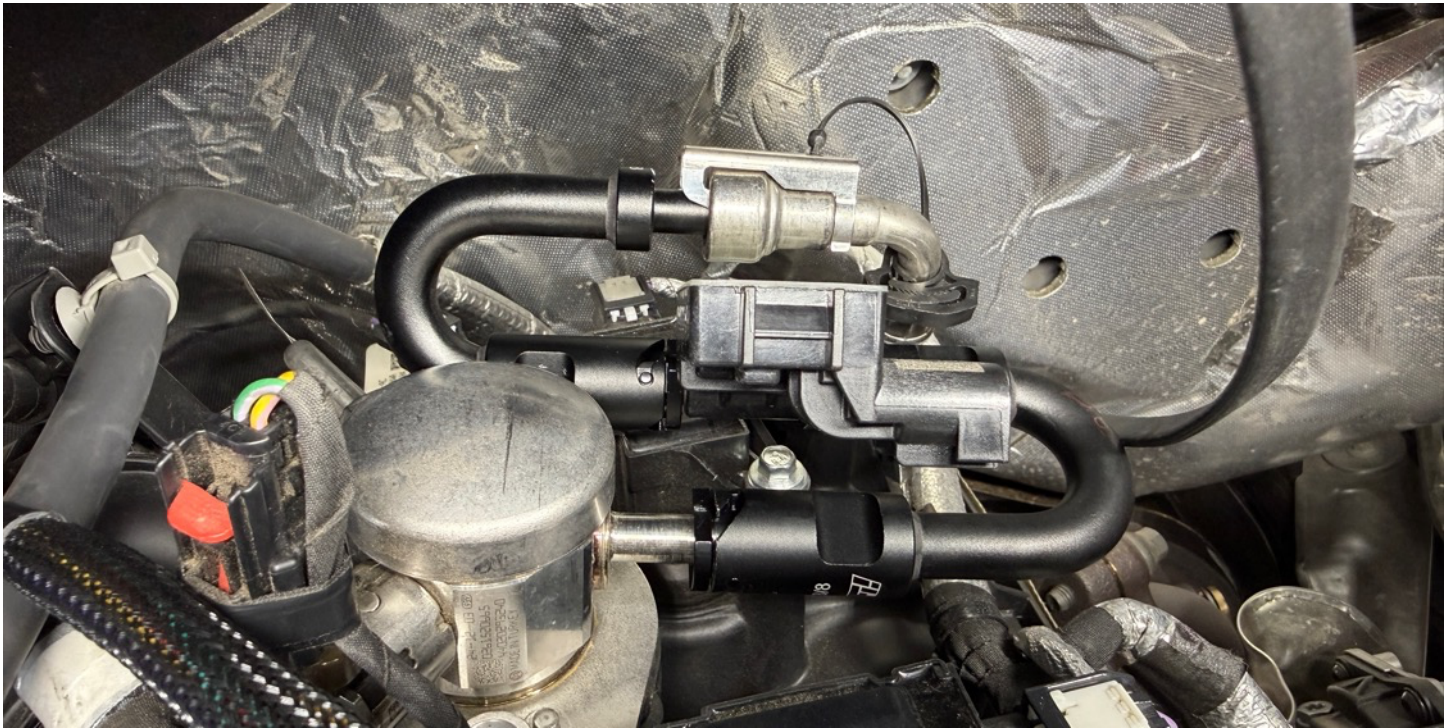
Locate the fuel line on the right top side of the engine and remove the metal retainer clip by prying it off. This will be reused later.



CAUTION: FUEL LINE MAY BE UNDER PRESSURE. Place a rag under the fuel line before disconnecting to catch spilled fuel. Use the included fuel line removal tool. Push it into the factory line and pull it off. There are little clips on the inside you are trying to compress at release it.



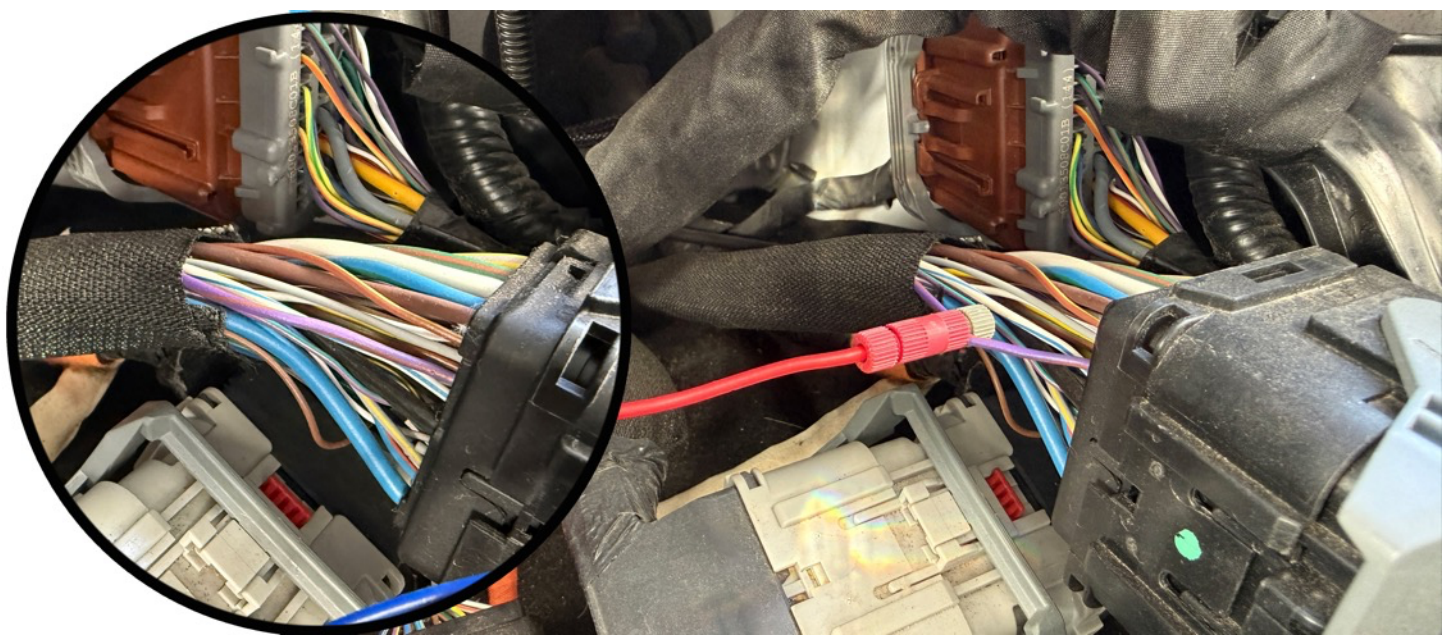
Lubricate all fuel line connections with included Super Lube. This aids in install and helps not damage the internal o-rings. Attach the ethanol content sensor and the 180° connectors as shown. Make sure the twist-lock connections are fully secure.



Plug in the harness.



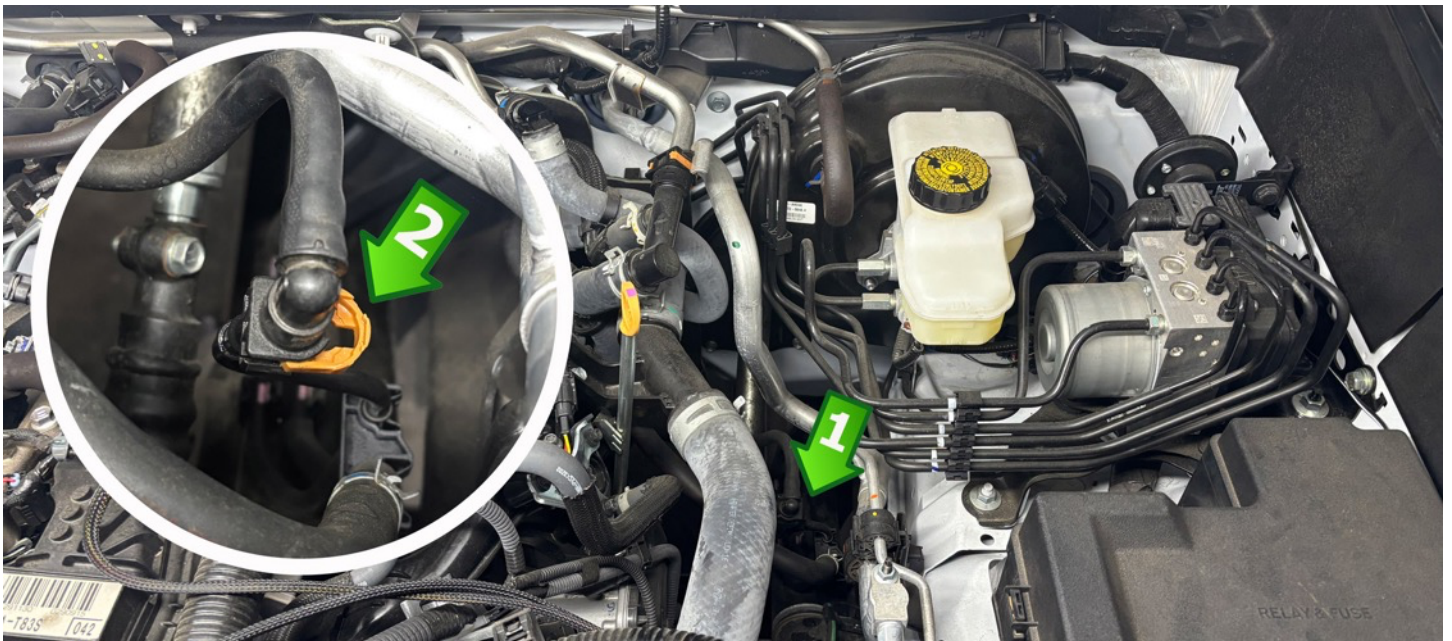
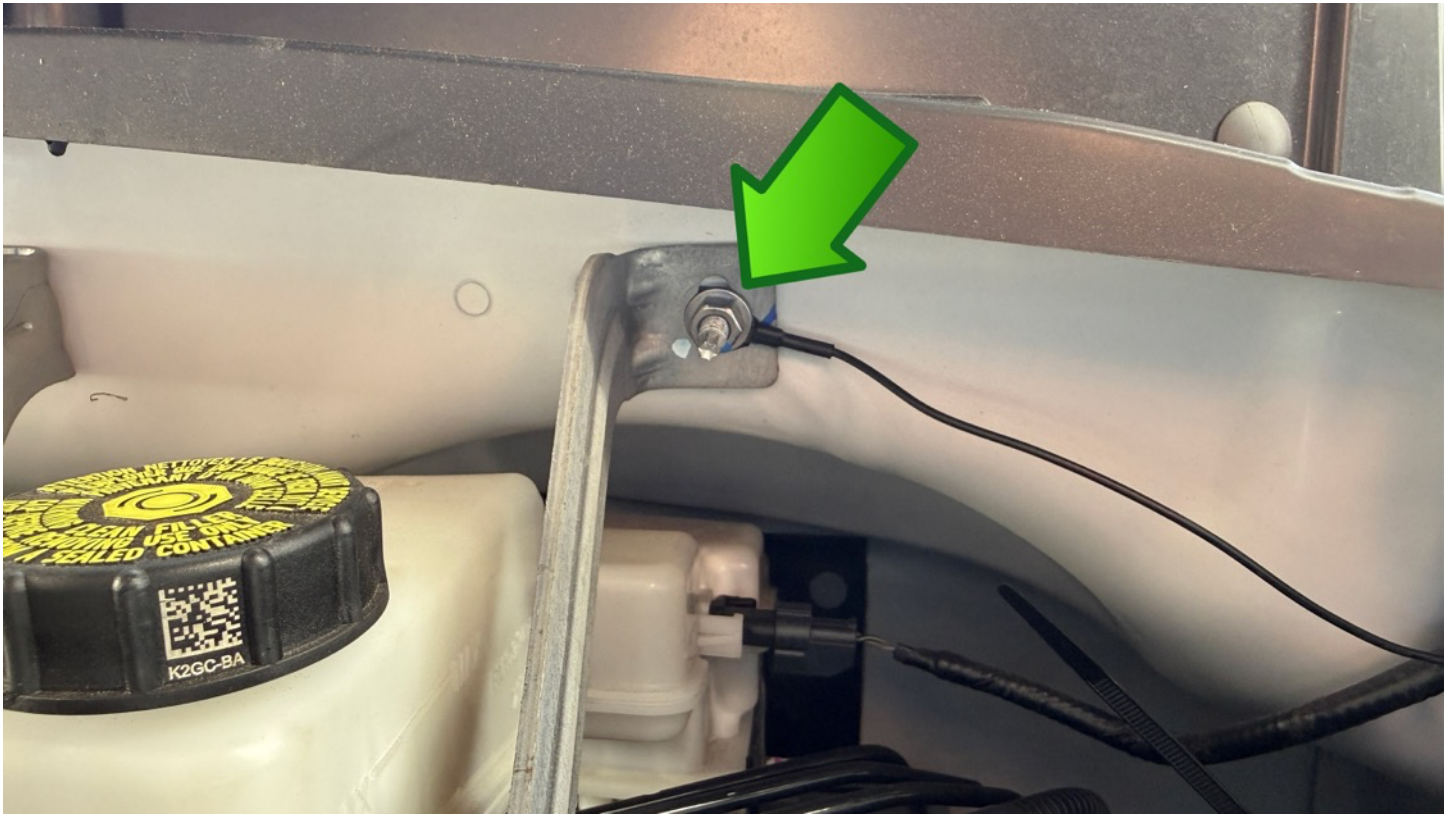
Route the red wire with the included posi-tap to this purple switched power wire located just behind the airbox.



Run the blue wire to the JB4 and plug wire into position #16 on the JB4 25 pin harness.



The black ground wire fork to a ground shown below to the right of the brake fluid.



Attach the ethanol content sensor and the 180° connectors as shown. Make sure the twist-lock connections are fully secure.

Connect the CANflex LED module and either run it inside the passenger compartment or leave it in the engine bay with the included silicone cover for protection. In the JB4 app select WMI Ethanol Setup option 1 in the JB4 app to activate the ethanol content sensor.



The LED readout can be mounted in the engine compartment or routed into the passenger compartment. If left in the engine compartment, please use the included silicone protective case.

