

CANFlex Genesis GV70/GV80/G80/G90 3.5TT Flex Fuel Ethanol Content Sensor for E85 Fuel Monitoring Install Guide

Last updated (JD) 6/22/2026

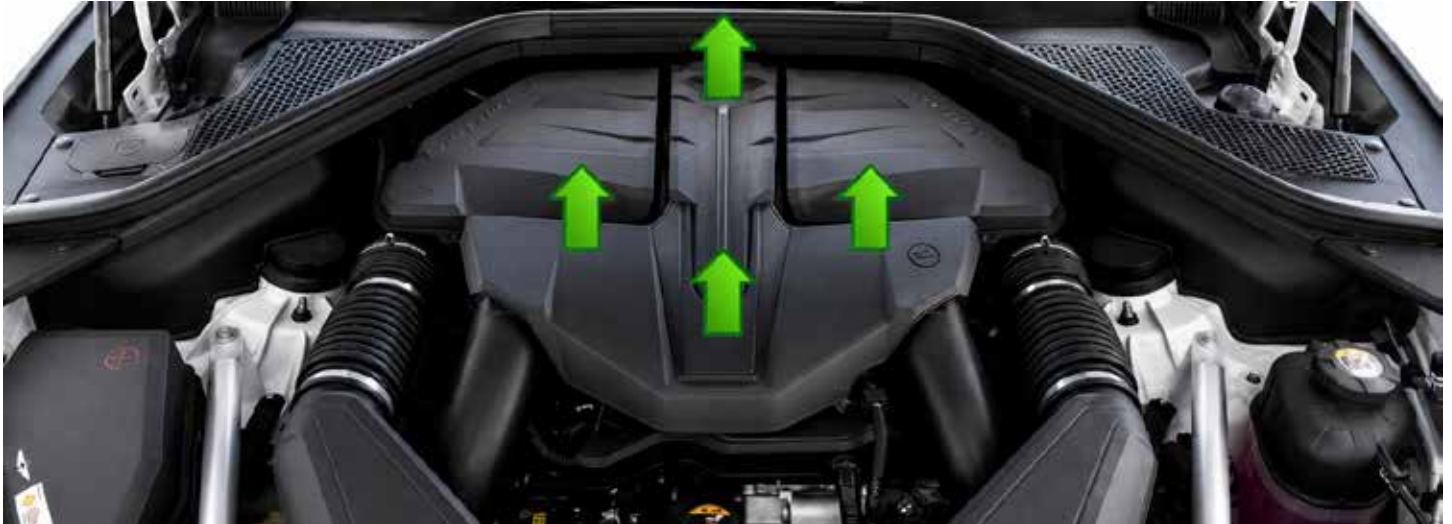
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⚠ ATTENTION: Before starting installation lock the doors and place the key at least 20 feet away from the vehicle. Wait 10 minutes for the vehicle to go to sleep.

Remove engine cover by pulling up on it.



Remove the right (looking at the engine) intake airbox by removing the metal tube clips and pulling up. The fuel line is located under this.



Locate the factory fuel line connection and flip the plastic clip up and remove it.



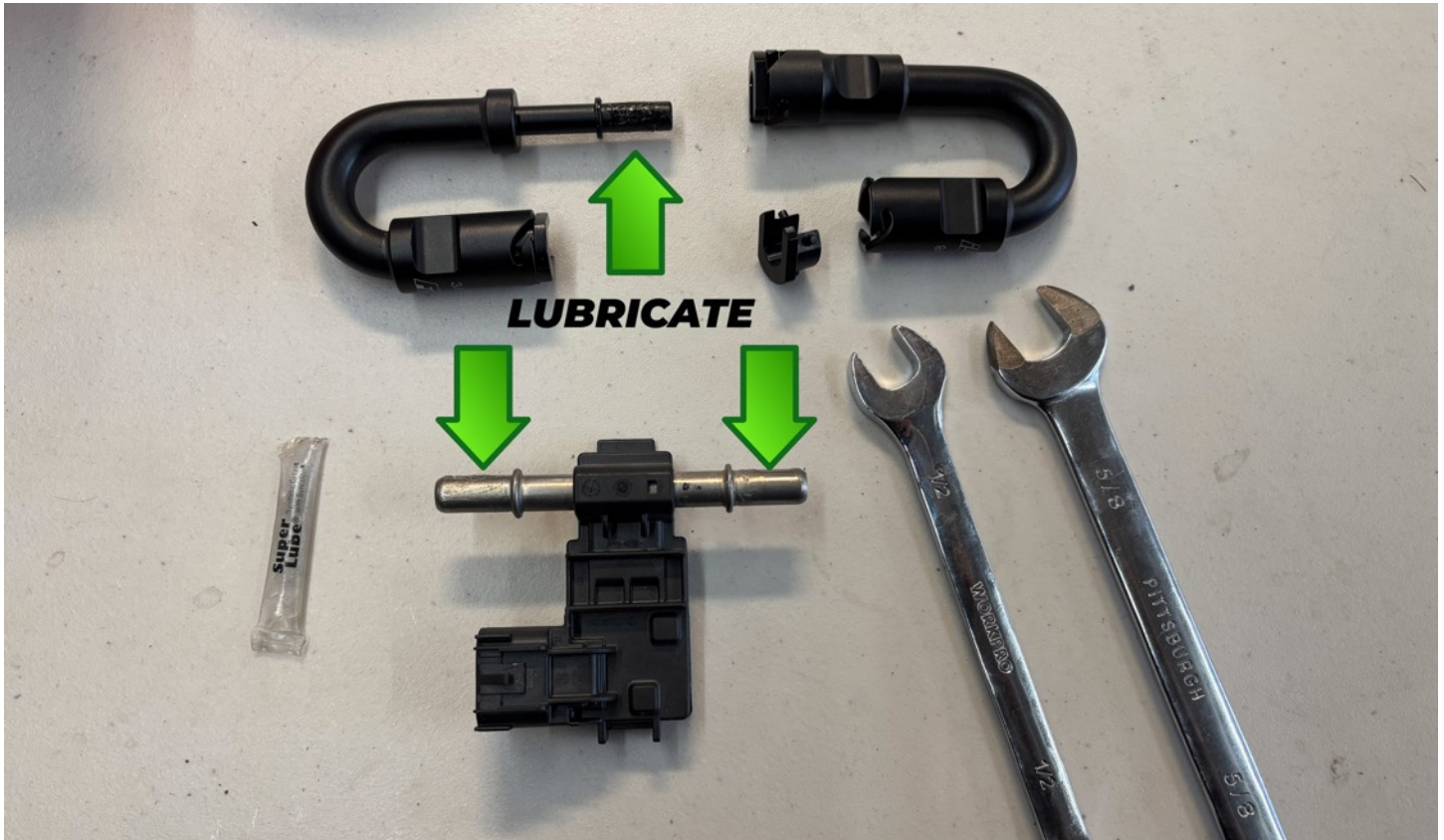
Place a rag under the factory fuel line to absorb fuel during the disconnection process.

⚠ ATTENTION: Line may be under pressure and could spray fuel when separated.

To separate, push in on the factory fuel line to the left and pull it off.



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.



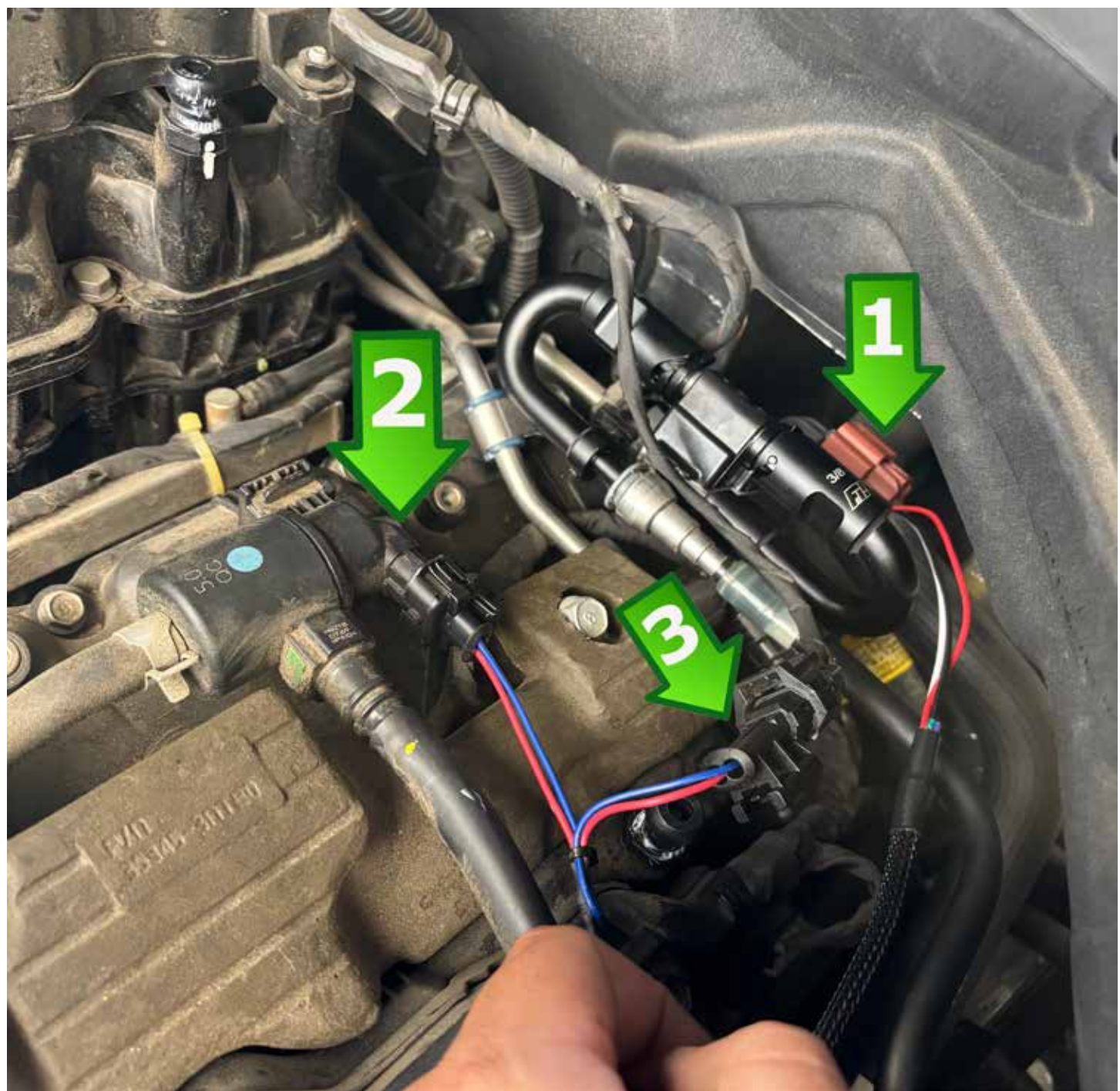
Add the fittings to the vehicle. Be sure the fittings are lubricated the cam-locks click in and are secure.



Connect the factory fuel line making sure it clicks in for secure connection. Tug on it to ensure a secure connection.



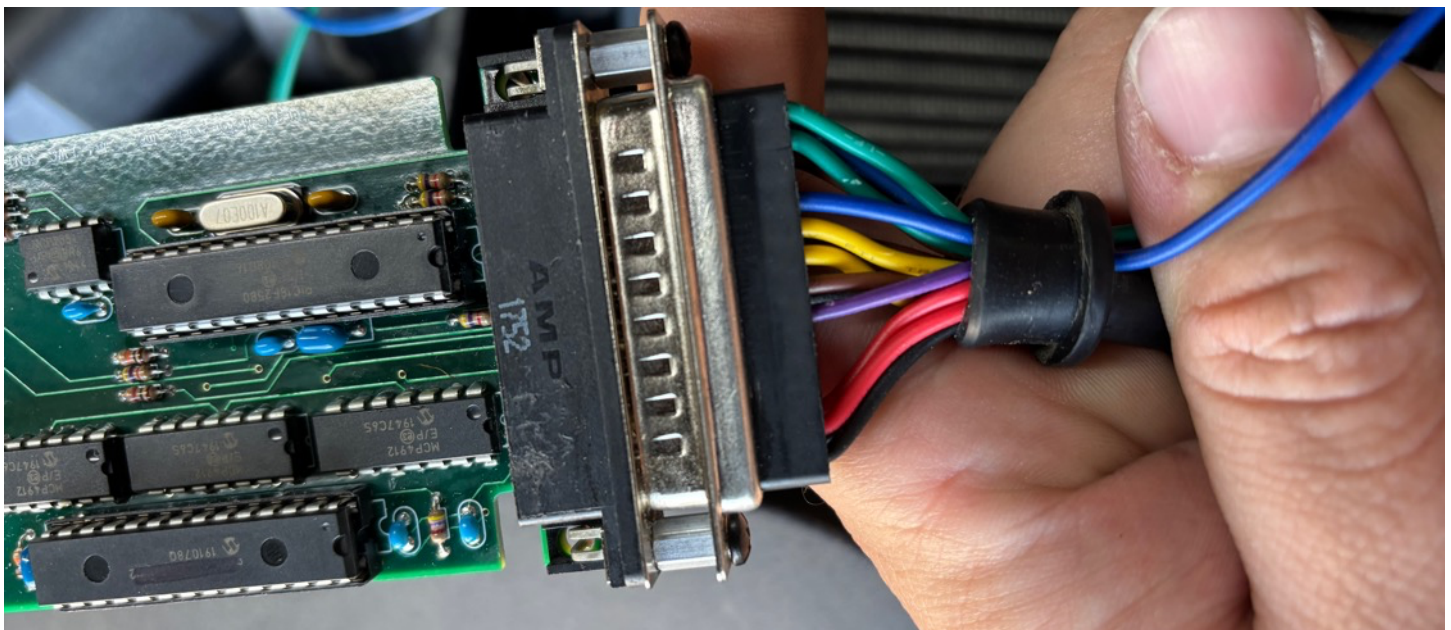
Plug in the brown connector on the supplied wiring harness to the ethanol content analyzer. Then plug the wires with the red and blue wires into the connector shown below.

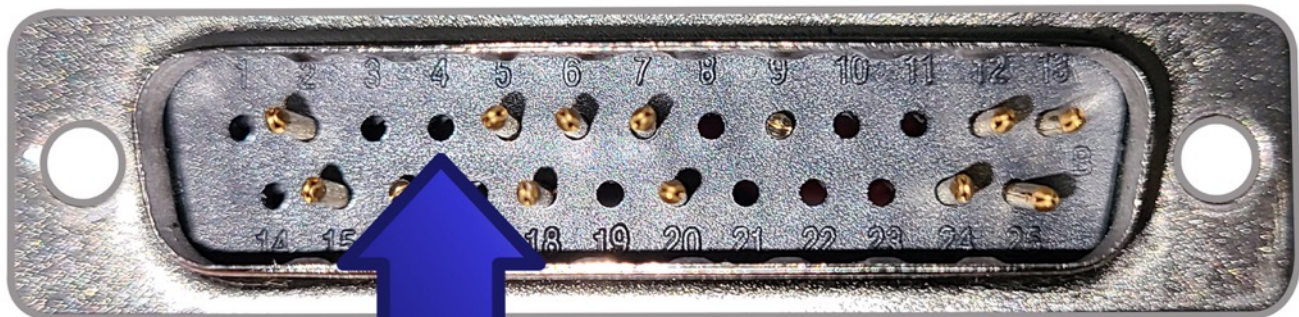


Route wires as shown. Connect the black forked wire to the ground as shown.



If JB4 equipped run the blue wire **inside** the black rubber grommet to the JB4. Green and brown wires are for future use and should be capped off.





BLUE WIRE **4** **JB⁴** DB25 connector

Plug the RJ45 ethernet connector into the CANflex LED box.



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.



If using the JB4PRO app select WMI Ethanol Setup option 1 in the JB4 app to activate the ethanol content sensor.

Download the free BMS CANflex app here:

Android: <https://play.google.com/store/apps/details?id=com.burgertuning.canflex>

Apple (iOS) <https://apps.apple.com/us/app/canflex/id6746137635>