

VISCONTI TUNING

NEXGEN GR86 FLEX FUEL KIT- INSTALL GUIDE

INTRODUCTION

Welcome to the installation guide for Visconti Tuning's NexGen GR86 Flex Fuel Kit. Your Flex Fuel Kit should contain all of the parts shown in the content list. Installation involves working with fuel lines, it's best done when the car is cold. Due to a mid-year connector change, we make two different harness versions of this kit. Make sure your CANBUS sub harness has the correct connector before beginning.

KIT CONTENTS

- > Zip Ties
- > Visconti CANBOXPRO
- > Visconti CANBOXPRO Adapter Harness
- > Visconti GR86 CANBUS Sub harness
- > Visconti Quick Connect Black PTFE Fuel Line
- > GM Ethanol Content Sensor on Billet Bracket with 90 degree quick connect fuel fitting

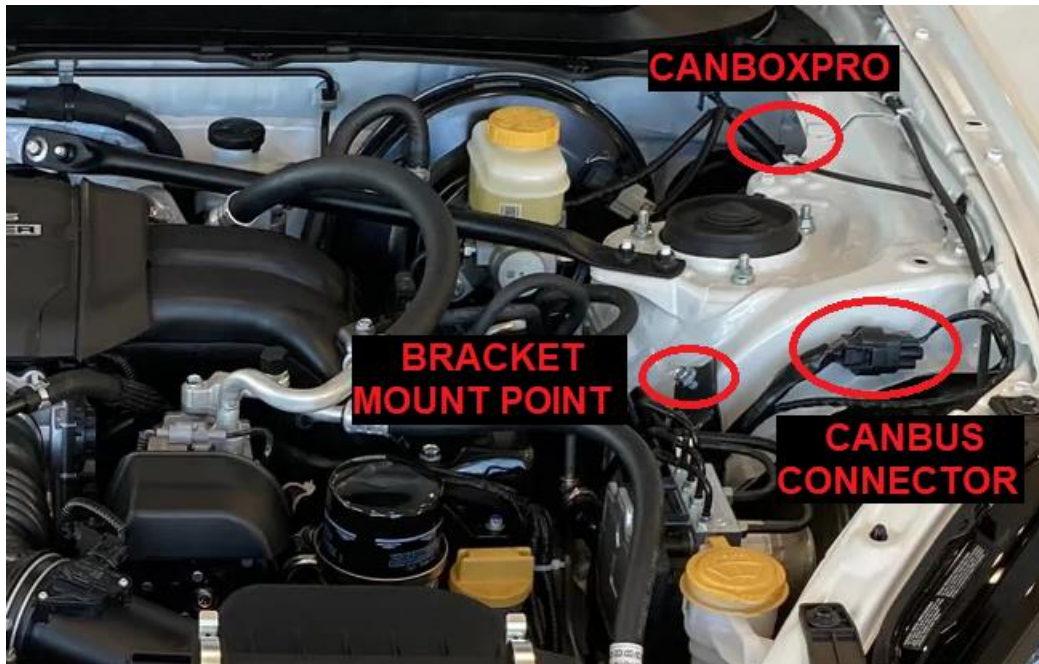


INSTALLATION GUIDE

Installation only takes a couple of minutes.

1. The Flex Fuel Sensor bracket mounts behind the ABS Pump bracket bolt.
2. The Flex Fuel Subharness plugs in between the CANBUS connector next to the ABS pump on the body of the car.
3. You'll disconnect the factory fuel line at the fuel rail next to the intake manifold. You must use the line closest to the firewall. The factory fuel line then plugs into our custom fuel fitting already on the flex fuel sensor.
4. Use the provided fuel line and connect the straight 3/8 side to the flex fuel sensor, and the other 5/16 side to the factory fuel rail. Be sure to tug on the line after installation.
5. Using the provided zip ties, mount the CANBOXPRO near the firewall.
6. Plug our adapter harness into the CANBOXPRO and the other end into the Flex Fuel Subharness's 6PIN DTM Connector.
7. Secure the Flex Fuel Subharness with zip ties to the hood release cable. DO NOT ZIP TIE to the black windshield washer fluid line.

Once installation is complete, start the car and confirm you have no fuel leaks.



CANBOXPRO SETUP FOR THE CUSTOMER

Configuring CANBOXPRO for RaceROM

Although our CANBOXPRO can be configured to work with many different cars and CANBUS configurations, we sell our GR86 CANBOXPRO units already preprogrammed to work with EcuTek.

You can also connect using our iOS or Android CANBOXPRO application to confirm that you have good CANBUS communication and that it's programmed correctly.

Our hardware is designed to be used with EcuTek under the 'CANBOXPRO' profile settings.

ECUTEK SETUP FOR THE TUNER

Configuring RaceROM for CANBOXPRO

RaceROM is already configured to work with our CANBOXPRO hardware; you simply need to enable it.

1. RaceROM CAN Input > CAN Input Enabled > Select Visconti CANBox Pro.
2. RaceROM Failsafe > Enable Failsafe > Select CAN Input Fail & CAN Input Error Code.
3. RaceROM FlexFuel > FlexFuel Control (RaceROM) > Select CAN Sensor.

Under EcuTek Live Data, make sure CAN INPUT STATUS reads 0 when the car is running.

Any value greater than 0 will put the car into a failsafe mode.

The screenshot shows the EcuTek software interface with the following configurations:

- RaceROM CAN Input:** CAN Input Enabled is checked. The CAN Identifier Format is set to Standard (11-bit). The CAN Bus Connection is set to P/U1 CAN (Ecu Pins 3,14).
- RaceROM Failsafe:** Failsafe Enable (Mode1) is checked. Under Failsafe Enable (Mode1), CAN Input Fail and CAN Input Error Code are checked.
- RaceROM FlexFuel:** FlexFuel Control (RaceROM) is checked. Under FlexFuel Control (RaceROM), Mode 1, Mode 2, Mode 3, and Mode 4 are all set to CAN Sensor.

We greatly appreciate any feedback, tips, or tricks that are not covered in this guide. If you have any photos or comments that you think could be useful for others, please send that information via email to john@vtune.us.