



LT4 100 Octane Fuel Calibration Kit

Kit Part Number 12677967

I-Sheet # 12677966

Thank you for choosing Chevrolet Performance as your high performance source. Chevrolet Performance is committed to providing proven, innovative performance technology that is truly.... more than just power. Chevrolet Performance parts are engineered, developed and tested to exceed your expectations for fit and function. Please refer to our catalog for the Chevrolet Performance Authorized Center nearest you or visit our website at www.chevroletperformance.com.

This kit is for all 2015 & 2016 automatic and manual transmission Corvette Z06 vehicles, only.

It is not the intent of these specifications to replace the comprehensive and detailed service practices explained in the GM service manuals. For detailed installation instructions please look to the service manual for you specific vehicle.

GM service manuals are available from:

Helm Incorporated
PO Box 07130
Detroit, MI 48207

For information about warranty coverage, please contact your local Chevrolet Performance parts dealer.

Observe all safety precautions and warnings in the service manuals when installing kits in any vehicle. Wear eye protection and appropriate protective clothing. Support the vehicle securely with jack stands when working under or around it. Use only the proper tools. Exercise extreme caution when working with flammable, corrosive, and hazardous liquids and materials. Some procedures require special equipment and skills. If you do not have the appropriate training, expertise, and tools to perform any part of this conversion safely, this work should be done by a professional.

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This LT4 Performance Kit requires the reprogramming of the Engine Control Module (ECM). This must be done with the Service Programming System at an Authorized GM Dealer. The kit content and quantities are listed below:

LT4 Upgrade Kit - 12677967		Applicable to Z06 models only
Part Number	Quantity	Description
12677966	1	I-Sheet
12677964	1	Label – Vehicle Emission Certification

Note: The above parts may have been updated or superseded. If your parts do not match the parts listed above please go to www.chevroletperformance.com for the latest parts list.

When reprogramming the ECM, the GM dealer must call the Techline Customer Support Center (TCSC). The TCSC will provide a Vehicle Configuration Index (VCI). The VCI is valid for one specific Vehicle Identification Number (VIN). Call TCSC (1-888-337-1010) to obtain a VCI number. The vehicle VIN that will be upgraded is required and the following authorization code:

AUTHORIZATION CODE:

CODE D'AUTORISATION :

CÓDIGO DE AUTORIZACIÓN:

ATTACH LABEL HERE

This calibration is optimized for track use with 100 Octane fuel. The calibration changes to improve performance with higher octane fuel have not affected emissions and this calibration is 50-State emissions legal with CARB Executive Order D-126-41. If used on the street with lower octane fuel, 93 octane rating or less, driveability issues may be experienced. In particular it is possible that detonation, or spark knock, may occur in hot climates or hot running conditions with fuel that has a lower octane rating than 100. Spark knock results in the ECM retarding spark timing which will/may result in reduced engine performance. We recommend using 100 octane fuel with this calibration to maintain peak engine performance.

Installation:

Installation of the calibration will be done at no cost to you at your local GM dealer. Note to Dealers: The calibration download and installation is to be charged to labor OP 0601058.

1. Drive the vehicle to your dealer and have the calibration updated to the applicable calibration:

Model Year	Model	Transmission	Calibration	Part Number
2015	Corvette Z06	Manual	Engine	12676685
2015	Corvette Z06	Automatic	Engine	12676686
2016	Corvette Z06	Automatic	Engine	12676687
2016	Corvette Z06	Manual	Engine	12676688

2. Install the Emissions label (P/N 12677965) in a visible place in the engine compartment, on the underside of the hood or the front of dash (firewall).