



Service Bulletin

Bulletin No.: 03-06-04-017N

Date: October, 2019

INFORMATION

Subject: Information on Diesel Fuel Additives

Models: 2014-2015 Chevrolet Cruze (RPO LUZ)
2017-2019 Chevrolet Cruze (Gen II – VIN B) (RPO LH7)
2016-2020 Chevrolet Colorado
2018-2020 Chevrolet Equinox (RPO LH7)
2017-2020 Chevrolet Express (RPO LWN)
2016-2020 GMC Canyon
2018-2020 GMC Terrain (RPO LH7)
2017-2020 GMC Savana (RPO LWN)
2020 and Prior GM Chevrolet and GMC Light Duty and Medium Duty Trucks

Attention: This Bulletin also applies to any of the above models that may be Export from North America vehicles.

This Bulletin has been revised to add the 2020 Model Year and update vehicle Models. Please discard Corporate Bulletin Number 03-06-04-017M.

Diesel Fuel Additives Are Not Required or Recommended

TOP TIER Detergent Diesel is highly recommended for use with diesel vehicle. If your area does not have TOP TIER Detergent Diesel, GM recommends the use of ACDelco Diesel Fuel Conditioner. This will help you maintain optimal engine performance. GM does not recommend other aftermarket diesel additives. In the event you refuel using low-quality diesel, GM recommends adding ACDelco Fuel System Treatment Plus-Diesel can help clean engine deposits and is available at your GM dealership.

Common Diesel Fuel Concerns

Fuel Waxing/Icing

Fuel distributors blend #1 and #2 diesel fuels* for seasonal requirements in a particular region. No other blending of fuels is recommended. However, a customer may desire to use a winter fuel additive to prevent fuel waxing or icing during extreme cold snaps. If a winter fuel additive is to be used, it must not contain any metal based additives, alcohol or other water emulsifiers that may compromise the water removal effectiveness of the fuel filtering system.

*In Canada, Diesel fuel blend #1 is categorized as type A (Winter) and blend #2 is categorized as type B (Summer)

Bacteria and Fungi Growth

Bacteria and fungi growth can occur in diesel fuel when there is water present, especially during warmer weather. The best prevention against bacteria and fungi growth is to use clean fuel that is free of water. There are diesel fuel biocides available which are designed to kill bacterial growth in the fuel system. However, the dead bacteria can still cause blockages throughout the fuel system. If bacterial growth is found in the fuel system, the proper method of removal is to flush the fuel system using the appropriate Service Manual procedures, replace the fuel filter element and refilling the tank with clean diesel fuel. If a customer desires to use a biocide after flushing the fuel system, it must not contain any metal based additives, alcohol or other water emulsifiers.

Low Cetane Number

The cetane number is one indicator of a diesel fuel's ability to ignite. There are many indicators of overall fuel quality such as cleanliness, specific gravity, volatility, viscosity, detergency, corrosion inhibiting abilities, and lubricity. Increasing the cetane number alone is not a fix for poor quality fuel. Additionally, increasing the cetane number beyond the engine's requirements will not increase performance. However, the cetane number of diesel fuel is not always consistent and some customers may desire to use a cetane improver to ensure full performance of their

engine. If such an additive is to be used, it must not contain any metal based additives, alcohol or other water emulsifiers.

Poor Lubricity

The 2.0L diesel and the 6.6L Duramax® Diesel engines are designed to operate on today's low sulfur fuel without the use of additives. A fuel additive designed to increase lubricity is not a fix for poor quality or contaminated fuel, but some customers may desire to use a lubricity additive to aid in the longevity of their fuel system components. If such an additive is to be used, it must not contain any metal based additives, alcohol or other water emulsifiers.

Fuel Stability

Fuel Stability and degradation may be a concern for diesel fuels, especially for diesel fuel containing biodiesel. Use of aftermarket stability additives to improve quality of a degraded fuel is not a fix and use of such aftermarket stability additives by customers is discouraged due to concerns of proper mixing and fuel compatibility. However some customers may desire to use a stability additive to increase the shelf life of their fuel. If such an additive is to be used, it must not contain any metal based additives, alcohol or other water emulsifiers.

Fuel Source Issue

If a vehicle is properly maintained but has fuel contamination issues, consider obtaining fuel from a different source. Purchasing fuel from a high volume fuel retailer increases the chance that the fuel is fresh and of good quality.

Parts information

GM ACDelco Diesel Fuel Conditioner

GM Diesel Fuel Conditioner®, P/N 88861698 (in Canada, P/N 88861699) is alcohol free and metal free additive. It is multifunctional additive and provides benefits of cleaning engine deposits, improved lubricity, improved cold temperature fuel flow, reduced fuel filter plugging, corrosion protection, enhanced fuel stability and cetane boost.

GM ACDelco Fuel System Treatment Plus

If the customer experiences concerns related to fuel injector deposits, then it is allowed to use FUEL SYSTEM TREATMENT PLUS® – DIESEL, P/N 88865597 (in Canada, P/N 88865600) based on recommendation from the dealership technician. This is a highly concentrated product and should be used as per defined guidelines.

Trademark Information

Duramax® is a Registered Trademark of General Motors LLC (In the United States)

Duramax™ is a Trademark of General Motors LLC

