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## Delphi FG2019

# Delphi FG2019 Fuel Module User Manual

Model: FG2019

## PRODUCT OVERVIEW

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The Delphi FG2019 Fuel Module is an essential component designed for automotive fuel systems. As a product from a leading OE supplier, it incorporates advanced design and manufacturing to ensure reliable fuel delivery. This module is engineered to restore fast-pressure performance and maintain system integrity, contributing to better fuel pumping efficiency with reduced energy consumption. Key design elements include internal springs for enhanced durability and stability, and a lower amperage draw to minimize load on the vehicle's electrical system. It features a large volume reservoir to effectively manage low-fuel situations and vehicle cornering, along with gold-filled fuel-level sensors for improved resistance against debris and wear. The FG2019 also boasts consistent pump flow, an advanced filtration system for extended pump life, and an OE-service body harness and connector for superior performance, durability, and ease of installation.



An image showing the Delphi FG2019 Fuel Module, a white and yellow assembly with various components, alongside its blue and white Delphi Technologies branded packaging box.

## KEY FEATURES

- Built to Delphi's OE standards, ensuring high quality and durability.
- Innovative design leads to lower failure rates.
- Empty float height and float retention match OE specifications for accurate fuel gauge readings.
- Lower amperage draw reduces electrical system load.
- Validated, tested, and matched for specific vehicle applications.

## SPECIFICATIONS

Attribute	Detail
Brand	Delphi

Model	FG2019 (Fuel Pump Module Assembly)
Fit Type	Vehicle Specific Fit
Item Dimensions (L x W x H)	12.3 x 8.3 x 8.3 inches
Material	Metal
Item Weight	3.1 Pounds
Style	Piston
Specification Met	OE
Gas Type	Gasoline
Operation Mode	Mechanical

## SETUP AND INSTALLATION

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Installation of the Delphi FG2019 Fuel Module requires specialized knowledge and tools. It is strongly recommended that this component be installed by a qualified automotive technician to ensure proper function and safety. Incorrect installation can lead to vehicle damage, system malfunction, or personal injury.

### Safety Precautions

- Always disconnect the vehicle's battery before beginning any work on the fuel system.
- Ensure the work area is well-ventilated and free from open flames or sparks.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Relieve fuel system pressure before disconnecting any fuel lines.
- Properly dispose of any drained fuel according to local regulations.
- Always check and clean the fuel tank thoroughly to prevent contamination of the new module.

## OPERATING INSTRUCTIONS

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The Delphi FG2019 Fuel Module operates as an integral part of your vehicle's fuel delivery system. Once correctly installed, it will automatically regulate and supply fuel from the tank to the engine at the necessary pressure and volume. The module's internal components, including the pump, fuel level sensor, and filter, work in conjunction to ensure consistent and clean fuel flow, optimizing engine performance and efficiency. No direct user interaction is required for its operation beyond ensuring the vehicle's fuel tank contains an adequate supply of gasoline.

## MAINTENANCE

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The Delphi FG2019 Fuel Module is designed for long-term reliability with minimal maintenance. However, to ensure its optimal performance and longevity, consider the following:

- **Fuel Quality:** Always use high-quality, clean gasoline as recommended by your vehicle manufacturer. Contaminated fuel can lead to premature wear of fuel system components, including the fuel module's filter and pump.
- **Fuel Filter:** While the module includes an internal filter, adhering to your vehicle's recommended fuel filter replacement schedule (if applicable for an external filter) can further protect the fuel system.
- **Avoid Running on Low Fuel:** Regularly running the vehicle with very low fuel levels can expose the fuel pump to air and increase its operating temperature, potentially shortening its lifespan. Maintain a reasonable fuel level in the tank.

- **Professional Inspection:** During routine vehicle servicing, have a qualified technician inspect the fuel system for any signs of leaks, unusual noises, or performance issues.

## TROUBLESHOOTING

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If you experience issues that you suspect are related to the fuel module, consider the following common symptoms and potential causes. For complex issues, professional diagnosis and repair are recommended.

- **Engine Cranks but Won't Start:** This could indicate a lack of fuel pressure. Check for proper electrical connection to the fuel module and ensure there is fuel in the tank.
- **Engine Stalling or Misfiring:** Inconsistent fuel delivery can cause these symptoms. This might be due to a clogged fuel filter (internal or external) or a failing pump.
- **Reduced Engine Performance (e.g., poor acceleration):** Insufficient fuel pressure or volume can lead to a noticeable drop in performance.
- **Unusual Noises from Fuel Tank Area:** A failing fuel pump might produce a whining or buzzing sound louder than normal.
- **Inaccurate Fuel Gauge Reading:** If the fuel level sensor within the module is faulty, the gauge may not display the correct fuel level.

Before assuming a fuel module failure, ensure other common issues are ruled out, such as an empty fuel tank, blown fuel pump fuse, or a faulty fuel pump relay. Always consult a professional for accurate diagnosis and repair.

## WHAT'S IN THE BOX

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- Fuel Pump Module Assembly

## WARRANTY INFORMATION

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Please note that Delphi products purchased through, from, or on Amazon may not qualify for Delphi's standard LIMITED warranty. When this product is purchased through, from, or on Amazon, any warranty offered is solely the responsibility of the seller identified on the shipment details of your order. It is crucial to review all warranty details carefully and contact the identified seller directly for any warranty-related inquiries or claims.

## SUPPORT

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For additional product information, technical support, or to explore other Delphi automotive solutions, please visit the official Delphi Store:

[Visit the Delphi Store on Amazon](#)

For specific installation questions or troubleshooting beyond the scope of this manual, it is always best to consult a certified automotive professional.