

SCITOO 119159

SCITOO Fuel Pump Electrical Assembly User Manual

Brand: SCITOO | **Model:** 119159

High Performance Fuel Pump Electrical Assembly for VOLVO V70, XC60, XC70, and Ford F-250 SUPER DUTY.

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions and information for the SCITOO High Performance Fuel Pump Electrical Assembly. Designed to meet or exceed original equipment performance, this assembly ensures precise fuel delivery, improved power, and balanced start-up for compatible vehicles. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

2. PRODUCT FEATURES

- **Optimal Fuel Delivery:** Provides precise fuel delivery for improved power and balanced start-up, similar to original equipment.
- **Rigorous Quality Control:** Each product design undergoes rigorous inspection and quality checks at every stage of production, including machining, fabrication, and assembly.
- **100% End-of-Line Inspected:** Every fuel pump is 100% end-of-line inspected to ensure worry-free out-of-the-box performance.
- **Advanced Technology:** Innovative engineering and manufacturing technology ensure performance meets or exceeds original equipment standards.
- **Durable Construction:** Made from high-quality plastic and metal materials for long-lasting reliability.

3. COMPATIBILITY (FITMENT)

This Electrical Fuel Pump Module Assembly is compatible with the following vehicle models:

- VOLVO V70: 2008-2010 L6-3.2L

- VOLVO XC60: 2015-2016 L6-3.0L
- VOLVO XC60: 2010-2014 L6-3.2L
- VOLVO XC70: 2011-2014 L6-3.2L
- Ford F-250 SUPER DUTY: 2017-2020

Attention: Please verify the year, make, model, and engine of your vehicle in the product description before purchasing to ensure proper fitment. If you are unsure, please contact SCITOO customer support for assistance.

4. WHAT'S IN THE BOX

The package includes:

- 1 x SCITOO Fuel Pump Assembly



Image: Main view of the SCITOO Fuel Pump Electrical Assembly.

5. INSTALLATION STEPS

Proper installation is crucial for the safe and effective operation of your new fuel pump assembly. It is recommended that installation be performed by a qualified mechanic or an individual with experience in automotive fuel systems. Always disconnect the vehicle's battery before beginning any work on the fuel system.

1. **Step 1:** Pry out the fuel pump access cover.
2. **Step 2:** Carefully remove the connector.
3. **Step 3:** Remove the fuel pump and drain the fuel.
4. **Step 4:** Carefully install the new pump into the gas box, being careful not to pull or twist the rubber gasket.
5. **Step 5:** Put the assembled fuel pump back in place.
6. **Step 6:** Fix the lid with tools.
7. **Step 7:** Reattach the pump's electrical connection.
8. **Step 8:** Reinstall the back seat cushion (if applicable).
9. **Step 9:** Test the car for proper operation.

Your browser does not support the video tag.

Video: An animated overview of a fuel pump assembly and its function within a vehicle's fuel system. This video demonstrates the internal components and how the pump delivers fuel from the tank to the engine.



Image: Angled view of the SCITOO Fuel Pump Electrical Assembly, showing various connections.

6. MAINTENANCE TIPS

Regular maintenance helps ensure the longevity and optimal performance of your fuel pump and overall fuel system.

- **Timely Fueling:** Always keep the habit of fueling your car in time to prevent the fuel pump from running dry, which can cause premature wear.
- **Fuel Filter Replacement:** Replace the fuel filter on an annual basis or approximately every 12,000 to 15,000 miles to ensure clean fuel delivery to the pump.
- **Fuel System Cleaning:** Keep your fuel system clean by having the throttle body and fuel injection system cleaned approximately every 20,000 to 30,000 miles.

- **Maintain Fuel Level:** Follow the rule of avoiding the fuel level falling below a quarter tank. This helps keep the fuel pump submerged and cooled by the fuel, extending its lifespan.



Image: Top view of the SCITOO Fuel Pump Electrical Assembly, highlighting the electrical connections and fuel lines.

7. SPECIFICATIONS

Attribute	Value
Brand	SCITOO
Model	119159
Fit Type	Vehicle Specific Fit
Vehicle Service Type	Car
Item Dimensions (L x W x H)	13.39 x 9.84 x 7.48 inches
Material	Plastic, Metal
Item Weight	2.53 pounds (1.15 Kilograms)
Operation Mode	Electric
Mounting Type	Tank Mount
Gas Type	Gasoline
Manufacturer Part Number	119159-5336-1637112791
UPC	840366473861

8. TROUBLESHOOTING

If you experience issues with your SCITOO Fuel Pump Electrical Assembly, consider the following common troubleshooting steps:

- **No Fuel Pressure / Engine Cranks but Won't Start:**

- Check electrical connections to the fuel pump for looseness or corrosion.
- Verify the fuel pump fuse and relay are intact and functioning.
- Ensure there is sufficient fuel in the tank.
- Inspect the fuel filter for clogging.

- **Engine Stalling / Misfiring:**

- Could indicate inconsistent fuel delivery. Check for fuel line obstructions or a failing fuel pressure regulator.
- Ensure the fuel tank is not running too low, as this can cause the pump to overheat.

- **Loud Whining Noise from Fuel Tank:**

- Often a sign of a failing fuel pump or a clogged fuel filter causing the pump to work harder.
- Low fuel levels can also cause the pump to run louder due to lack of cooling.

For complex issues or if troubleshooting steps do not resolve the problem, it is highly recommended to consult a certified automotive technician.

9. WARRANTY AND SUPPORT

SCITOO stands behind the quality of its products. For specific warranty information, claims, or technical support, please refer to the warranty card included with your product or visit the official SCITOO website. You can also contact their customer service directly for assistance.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question