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**GELUOXI F4TZ9350A**

# GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump Instruction Manual

Model: F4TZ9350A | OEM Part Numbers: F6TZ9350A, 1824415C91

## Introduction

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of the GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump. Please read these instructions carefully before proceeding with any procedures to ensure proper function and safety.

## Safety Information

Working with automotive fuel systems requires caution. Always observe the following safety guidelines:

- Ensure the vehicle's battery is disconnected before beginning any work.
- Work in a well-ventilated area to avoid inhaling fuel vapors.
- Keep open flames, sparks, and other ignition sources away from the work area.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Be prepared for fuel spills and have appropriate cleanup materials readily available.
- If you are unsure about any step, consult a qualified automotive technician.

## Compatibility

This GELUOXI Diesel Lift Valley Fuel Pump (F4TZ9350A) is designed as a direct replacement for the following Ford 7.3L Diesel models:

- 1995-1998 Ford E-350 Econoline / E-350 Econoline Club Wagon (V8 7.3L)
- 1996-1998 Ford Econoline Super Duty (V8 7.3L)
- 1994 & 1996 Ford F59 (V8 7.3L)
- 1994-1997 Ford F Super Duty / Ford F250 / Ford F350 (V8 7.3L)

Please verify the OEM part number (F4TZ9350A, F6TZ9350A, 1824415C91) against your vehicle's existing part before installation to ensure proper fitment.

## Setup and Installation

Installation of the diesel lift valley fuel pump requires mechanical knowledge and specialized tools. Professional installation is recommended.

1. **Preparation:** Park the vehicle on a level surface and engage the parking brake. Disconnect the negative terminal of the battery. Relieve fuel system pressure according to the vehicle manufacturer's service manual.
2. **Access:** Locate the existing fuel pump in the engine valley. This may require removing other components such as the turbocharger or intake manifold for adequate access.
3. **Disconnect Fuel Lines:** Carefully disconnect all fuel lines from the old pump. Be prepared for residual fuel leakage. Use appropriate tools to prevent damage to fittings.
4. **Remove Old Pump:** Unbolt and remove the old fuel pump from its mounting location. Note the orientation for the new pump installation.
5. **Install New Pump:** Position the new GELUOXI fuel pump (F4TZ9350A) in the engine valley. Ensure all mounting points align correctly. Secure the pump with the appropriate bolts, tightening to manufacturer specifications.
6. **Connect Fuel Lines:** Reconnect all fuel lines to the new pump. Ensure all connections are secure and free of leaks. It is recommended to replace banjo bolt gaskets and fuel hoses if they show signs of wear.
7. **Final Steps:** Reinstall any components removed for access. Reconnect the battery. Prime the fuel system according to the vehicle manufacturer's procedure before starting the engine. Check for any fuel leaks after starting the engine.



Image: GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump shown installed in a vehicle's engine valley, highlighting its placement and connections.



Image: Front view of the GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump, showcasing its main body and fuel line connections.

## Operating Instructions

The GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump operates automatically as part of your vehicle's fuel delivery system. Once correctly installed, it ensures a consistent supply of diesel fuel to the engine. No manual operation is required.
Proper operation relies on:

- A clean fuel supply.
- Proper electrical connections.
- Intact fuel lines and seals.

## Maintenance

To ensure the longevity and optimal performance of your fuel pump and overall fuel system, consider the following maintenance practices:

- **Fuel Filter Replacement:** Regularly replace your vehicle's fuel filter according to the manufacturer's recommended schedule. A clogged fuel filter can strain the fuel pump.
- **Inspect Fuel Lines:** Periodically check fuel lines and connections for any signs of wear, cracks, or leaks. Address any issues promptly.
- **Use Quality Fuel:** Always use clean, high-quality diesel fuel to prevent contaminants from entering the fuel system.
- **Address Leaks:** If any fuel leaks are detected, especially from the pump's weep hole, immediate inspection and replacement may be necessary.

## Troubleshooting

If you experience issues with your vehicle's fuel delivery after installing the GELUOXI F4TZ9350A fuel pump, consider the following:

| Symptom | Possible Cause | Solution |
|---|---|---|
| Engine Cranks but Does Not Start | No fuel pressure; Clogged fuel filter; Electrical issue to pump. | Check fuel pressure; Replace fuel filter; Verify pump electrical connections and fuse. |
| Loss of Engine Power / Hesitation | Insufficient fuel delivery; Partially clogged fuel filter. | Check fuel pressure; Replace fuel filter; Inspect fuel lines for restrictions. |
| Fuel Leak from Pump (e.g., weep hole) | Internal pump seal failure. | Immediate replacement of the fuel pump is required. |
| Unusual Noise from Pump Area | Air in fuel system; Pump cavitation; Internal wear. | Bleed air from fuel system; Check for fuel line restrictions or leaks allowing air in; Inspect pump for damage. |

If troubleshooting steps do not resolve the issue, it is recommended to seek assistance from a certified mechanic.

## Specifications

- **Brand:** GELUOXI
- **Model Number:** F4TZ9350A
- **OEM Part Numbers:** F4TZ9350A, F6TZ9350A, 1824415C91, ADS-61067, SP1013MP, 61067, M61067, N68386, 60278, 1002-30921
- **Fit Type:** Vehicle Specific Fit
- **Vehicle Service Type:** Truck
- **Material:** Metal, Alloy Steel
- **Auto Part Position:** Rear (Engine Valley)
- **Inlet Connection Type:** Hose Barb
- **Gas Type:** Diesel
- **Mounting Type:** Bracket Mount
- **Operation Mode:** Mechanical
- **Product Grade:** Replacement Part
- **Item Weight:** 2.4 pounds
- **Package Dimensions:** 7.6 x 5.35 x 3.7 inches
- **Manufacturer:** GELUOXI

## Warranty Information

The GELUOXI F4TZ9350A Diesel Lift Valley Fuel Pump comes with a**12-month warranty** from the date of purchase. This warranty covers manufacturing defects and material flaws under normal use and service. Please retain your proof of purchase for warranty claims. The warranty does not cover damage due to improper installation, misuse, neglect, accident, or unauthorized modification.

## Support

For further assistance, technical support, or warranty inquiries, please contact GELUOXI customer service through the retailer where the product was purchased or visit the official GELUOXI website. When contacting support, please have your product model number and purchase information ready.

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