



[Manuals.plus](#) /

› [TYXxiuge](#) /

› TYXxiuge Fuel Pump 02/634780 User Manual for JCB Backhoe Loaders and Excavators

TYXxiuge 02/634780

TYXxiuge Fuel Pump 02/634780 User Manual

Model: 02/634780 | Brand: TYXxiuge

INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the TYXxiuge Fuel Pump, part number 02/634780. This fuel pump is designed as a replacement component for specific JCB Backhoe Loader and Excavator models. Adhering to these instructions will help ensure optimal performance and longevity of the product.

SAFETY INFORMATION

Warning: Working with fuel systems can be hazardous. Improper installation or handling can lead to fuel leaks, fire, or serious injury. Always observe the following safety precautions:

- Ensure the engine is off and cooled down before beginning any work.
- Disconnect the vehicle's battery to prevent accidental starting or electrical shorts.
- Work in a well-ventilated area to avoid inhaling fuel vapors.
- Have a fire extinguisher readily available.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Relieve fuel system pressure before disconnecting any fuel lines.
- Dispose of fuel and contaminated materials according to local environmental regulations.
- If you are not confident in performing the installation, seek assistance from a qualified mechanic or service professional.

PRODUCT OVERVIEW

The TYXxiuge Fuel Pump 02/634780 is a critical component in the fuel delivery system of compatible heavy machinery. It is responsible for drawing fuel from the tank and delivering it under pressure to the engine's fuel injection system.

Part Number: 02/634780

Applications:

- JCB Backhoe Loader 1CX
- JCB Excavator 8014
- JCB Excavator 8016
- JCB Excavator 8018
- JCB Excavator 8020
- JCB Excavator 8025ZTS
- JCB Excavator 8040ZTS
- JCB Excavator 8045ZTS



Image: TYXxiuge Fuel Pump 02/634780, showing its compact design with electrical connector and fuel inlet/outlet ports.

SETUP AND INSTALLATION

Installation of this fuel pump requires mechanical aptitude and familiarity with heavy equipment fuel systems. It is highly recommended that installation be performed by a certified technician.

General Installation Steps (Consult your equipment's service manual for specific procedures):

1. **Preparation:** Park the equipment on a level surface, engage the parking brake, and turn off the engine. Allow the engine to cool. Disconnect the battery.
2. **Access:** Locate the existing fuel pump. This may require removing covers or other components.
3. **Relieve Fuel Pressure:** Follow the equipment manufacturer's instructions to safely relieve pressure in the fuel system.
4. **Disconnect:** Carefully disconnect the electrical connector and fuel lines from the old pump. Be prepared for residual fuel spillage and use appropriate containers.
5. **Remove Old Pump:** Unbolt or unmount the old fuel pump from its housing.
6. **Install New Pump:** Mount the TYXxiuge Fuel Pump 02/634780 in the same location and orientation as the old pump. Ensure all mounting hardware is securely fastened.
7. **Connect:** Reconnect the fuel lines and electrical connector. Ensure all connections are tight and free of leaks.
8. **Prime System:** Before starting the engine, prime the fuel system according to the equipment manufacturer's guidelines to remove air.
9. **Test:** Reconnect the battery. Start the engine and carefully check for any fuel leaks around the new pump and connections. Monitor engine performance.

OPERATING INSTRUCTIONS

The TYXxiuge Fuel Pump 02/634780 operates automatically as part of the equipment's fuel system. Once correctly installed, it requires no direct user interaction for its function. Its operation is controlled by the equipment's engine management system.

Ensure that the fuel tank always contains an adequate supply of clean, appropriate fuel for the machinery.

MAINTENANCE

While the fuel pump itself is generally a sealed unit and not user-serviceable, proper maintenance of the overall fuel system is crucial for its longevity and efficient operation:

- **Fuel Filter Replacement:** Regularly replace the equipment's fuel filters as recommended by the manufacturer. Clogged fuel filters can put excessive strain on the fuel pump.
 - **Fuel Quality:** Always use clean, high-quality fuel to prevent contamination and damage to the fuel pump and other fuel system components.
 - **Inspect Fuel Lines:** Periodically inspect fuel lines and connections for signs of wear, cracks, or leaks. Address any issues promptly.
 - **Avoid Running on Low Fuel:** Consistently running the fuel tank very low can cause the fuel pump to overheat as it relies on fuel for cooling.
-

TROUBLESHOOTING

If you experience issues with your equipment's fuel system after installing the TYXxiuge Fuel Pump, consider the following common troubleshooting steps. Always consult your equipment's service manual for detailed diagnostics.

- **Engine Cranks but Won't Start:**
 - Check for proper electrical connection to the fuel pump.
 - Verify there is fuel in the tank.
 - Inspect fuel lines for kinks or blockages.
 - Check fuel filter for clogging.
 - Listen for the fuel pump priming sound when the ignition is turned on (if applicable to your equipment).
- **Loss of Engine Power or Stalling:**
 - Could indicate insufficient fuel pressure. Check fuel filters.
 - Inspect for air leaks in the fuel system.
- **Fuel Leaks:**
 - Immediately shut down the equipment.
 - Inspect all fuel line connections for tightness and proper sealing.
 - Check the fuel pump housing for any visible damage.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified service technician.

SPECIFICATIONS

Part Number:	02/634780
Brand:	TYXxiuge
Fit Type:	Universal Fit (referring to the part's design, but specific to listed applications)
Compatible Equipment:	JCB Backhoe Loader 1CX, JCB Excavator 8014, 8016, 8018, 8020, 8025ZTS, 8040ZTS, 8045ZTS

WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support for your TYXxiuge Fuel Pump 02/634780, please contact the seller or manufacturer directly through your purchase platform. Keep your purchase receipt or order number handy for faster service.

For general inquiries or to find more products from TYXxiuge, you may visit the brand's page on Amazon:[TYXxiuge Brand Store](#)
