

NC AM132715

NC Fuel Pump User Manual

Model: AM132715

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your NC Fuel Pump, Model AM132715. Please read this manual thoroughly before attempting any installation or service to ensure safe and effective use.

2. PRODUCT DESCRIPTION

The NC Fuel Pump, Part Number AM132715, is a mechanical fuel pump designed for specific Kubota applications. It is engineered to deliver consistent fuel flow to the engine, ensuring optimal performance.

Key Features:

- **Part Number:** AM132715
- **Application:** Specifically designed for Kubota TG1860G, T1760, E7199-43010, E7199-80020, and LE601-43010 models.



Figure 2.1: NC Fuel Pump with Gaskets. This image displays the NC Fuel Pump, designed for Kubota models. It features a metallic pump body with two hose nozzles for fuel lines and includes two black gasket seals, essential for a proper, leak-free installation.

3. SPECIFICATIONS

Attribute	Value
Brand	NC
Fit Type	Vehicle Specific Fit
Vehicle Service Type	for Kubota
Auto Part Position	Front
Gas Type	Diesel
Mounting Type	Front Mount

Attribute	Value
Operation Mode	Mechanical
Manufacturer Part Number	AM132715
Item Model Number	AM132715

4. SETUP AND INSTALLATION

Installation of a fuel pump requires mechanical knowledge and should ideally be performed by a qualified technician. Incorrect installation can lead to fuel leaks, engine damage, or fire hazards.

General Installation Guidelines:

- Safety First:** Disconnect the vehicle's battery before starting work. Ensure the work area is well-ventilated and free from ignition sources.
- Depressurize Fuel System:** Consult your vehicle's service manual for the correct procedure to relieve fuel system pressure.
- Remove Old Pump:** Carefully disconnect fuel lines and electrical connectors (if applicable) from the old pump. Remove mounting bolts. Be prepared for residual fuel spillage.
- Install New Pump:** Ensure the mounting surface is clean. Use the provided new gaskets (if applicable) for a proper seal. Mount the new fuel pump securely.
- Reconnect:** Reconnect fuel lines and electrical connectors. Ensure all connections are tight and secure to prevent leaks.
- Check for Leaks:** After installation, reconnect the battery and turn the ignition to the 'ON' position (without starting the engine) to prime the fuel system. Check for any fuel leaks before starting the engine.
- Test Operation:** Start the engine and check for proper fuel delivery and any unusual noises or leaks.

***Note:** Always refer to the specific service manual for your Kubota model for detailed, step-by-step instructions and torque specifications.*

5. OPERATING INSTRUCTIONS

Once correctly installed, the fuel pump operates automatically as part of the engine's fuel delivery system. It is designed to provide the necessary fuel pressure and volume for the engine to run efficiently.

- Ensure the fuel tank contains an adequate supply of clean, appropriate diesel fuel.
- The pump will activate upon engine cranking or when the ignition is in the 'ON' position (depending on vehicle design) to prime the fuel system.
- No user intervention is required for the pump's operation during normal vehicle use.

6. MAINTENANCE

The NC Fuel Pump is designed for durability and reliability. Regular maintenance of the overall fuel system is crucial for the longevity of the pump and engine performance.

- **Fuel Filter:** Regularly inspect and replace the fuel filter according to your vehicle's maintenance schedule. A clogged fuel filter can put excessive strain on the fuel pump, leading to premature failure.
- **Fuel Quality:** Use only clean, high-quality diesel fuel to prevent contaminants from damaging the pump and fuel system components.

- **System Checks:** Periodically inspect fuel lines and connections for signs of leaks, cracks, or damage. Address any issues promptly.

7. TROUBLESHOOTING

If you experience issues with fuel delivery, consider the following common troubleshooting steps. Always consult a qualified mechanic if you are unsure.

- **Engine Cranks but Won't Start (No Fuel):**
 - Check fuel level in the tank.
 - Inspect the fuel filter for clogging.
 - Verify fuel lines are not kinked or blocked.
 - Ensure all connections to the fuel pump are secure.
- **Weak Fuel Flow or Low Pressure:**
 - Check for a partially clogged fuel filter.
 - Inspect fuel lines for restrictions or leaks.
 - Ensure the fuel tank vent is not blocked.
- **Fuel Leaks:**
 - Immediately address any fuel leaks.
 - Check all fuel line connections and the pump's mounting gaskets for proper sealing.
 - Ensure fuel lines are not cracked or damaged.

Warning: Fuel is highly flammable. Exercise extreme caution when dealing with fuel system components. Do not attempt repairs if you are not comfortable or lack the necessary tools and knowledge.

8. WARRANTY INFORMATION

For specific warranty terms and conditions related to your NC Fuel Pump, Model AM132715, please refer to the documentation provided at the time of purchase or contact the seller directly. Warranty coverage typically includes defects in materials and workmanship under normal use.

9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your NC Fuel Pump, please contact the seller or manufacturer through the original point of purchase. Provide your product model number (AM132715) and details of your inquiry for faster service.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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