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› JAVIK Fuel Gauge Instruction Manual for Suzuki QuadRunner 500 LTF500F (1998-2002)

JAVIK 44580-09F01

JAVIK Fuel Gauge Instruction Manual

For Suzuki QuadRunner 500 LTF500F (1998-2002)

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your new JAVIK Fuel Gauge. Please read these instructions carefully before proceeding with installation or use to ensure optimal performance and longevity of the product.

2. PRODUCT OVERVIEW

The JAVIK Fuel Gauge is a direct replacement part designed to accurately measure and display the fuel level in your Suzuki ATV. It features an exact gauge structure and a float designed for accurate movement. The unit includes an upgraded anti-aging and anti-corrosion seal to ensure leak-proof performance and durability.

FIT FOR FOLLOWING SUZUKI ATV

LT-F500F QuadRunner 500 4x4 1998-2002

1998 LT-F500F QuadRunner 500 4x4

1999 LT-F500F QuadRunner 500 4x4

2000 LT-F500F QuadRunner 500 4x4

2001 LT-F500F QuadRunner 500 4x4

2002 LT-F500F QuadRunner 500 4x4

OEM#

44580-09F01 44580-09FA1

REPLACEMENT OEM#

44580-09F00 44580-09FA0



Image 2.1: JAVIK Fuel Gauge Assembly. This image shows the complete fuel gauge unit, including the display dial, float mechanism, and mounting plate.



UPGRADE ANTI-AGING AND ANTI-CORROSION SEAL

To Make Sure Leakproof And Durability

Image 2.2: Upgraded Anti-Aging and Anti-Corrosion Seal. This close-up highlights the robust seal designed to prevent leaks and ensure product longevity.

3. COMPATIBILITY

This fuel gauge is specifically designed for the following Suzuki ATV models:

- **Suzuki LTF500F QuadRunner 500 4x4:** 1998, 1999, 2000, 2001, 2002

OEM Part Numbers:

- Original Equipment Manufacturer (OEM) #: 44580-09F01, 44580-09FA1
- Replacement for OEM #: 44580-09F00, 44580-09FA0



Good Sealing



No Bad Smell



High Temperature
Resistance



OEM Standard



Image 3.1: Fuel Gauge Installed on a Compatible Suzuki ATV. This image demonstrates the fuel gauge mounted on a Suzuki QuadRunner 500, showing its intended application.

4. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged:

- 1 x Fuel Gauge Assembly
- 1 x Fuel Cap (Mounting Plate)

WHAT CAN YOU GET?



Cap x 1



Fuel Gauge x 1

Image 4.1: Package Contents. This image displays the fuel gauge assembly and the separate fuel cap/mounting plate included in the package.

5. SETUP AND INSTALLATION

Installation of the JAVIK Fuel Gauge is designed to be straightforward. However, if you are unsure about any steps, it is recommended to consult a qualified mechanic.

5.1 Safety Precautions

- Ensure the ATV engine is off and cool before beginning installation.
- Disconnect the battery to prevent electrical shorts.
- Work in a well-ventilated area, as fuel vapors can be hazardous.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Ensure the fuel tank is as empty as possible to minimize spills.

5.2 Installation Steps

1. **Remove Existing Fuel Gauge:** Carefully remove the old fuel gauge from the fuel tank. This typically involves unscrewing a few bolts or rotating the assembly counter-clockwise. Be prepared for potential fuel spills.
2. **Clean Mounting Area:** Clean any debris or old gasket material from the fuel tank's mounting surface to ensure a proper seal.
3. **Install New Gasket:** Place the new gasket (if supplied separately, otherwise it may be integrated) onto the new fuel gauge assembly.
4. **Insert Fuel Gauge:** Carefully insert the new JAVIK Fuel Gauge assembly into the fuel tank opening. Ensure the float mechanism moves freely and does not snag on internal tank components.
5. **Secure Fuel Cap/Mounting Plate:** Align the fuel cap/mounting plate with the holes on the fuel tank and secure it using the appropriate fasteners (not included, reuse original hardware or acquire new). Tighten evenly to ensure a leak-proof seal.
6. **Reconnect Battery:** Once the fuel gauge is securely installed, reconnect the ATV's battery.
7. **Check for Leaks:** Add a small amount of fuel to the tank and visually inspect for any leaks around the newly installed fuel gauge.



1. Display dial (Clear and easy to read)
2. Black float (Move accurately according to fluid)
3. Fuel cap (Help fix fuel gauge faster)
4. White holder (Only it will display correctly when it is horizontal)

Image 5.1: Fuel Gauge Components. This image breaks down the key parts of the fuel gauge: the clear display dial, the black float, the fuel cap (mounting plate), and the white holder for the float mechanism. The white holder ensures correct display when horizontal.

6. OPERATING INSTRUCTIONS

The JAVIK Fuel Gauge operates automatically once installed. The float inside the fuel tank rises and falls with the fuel level, which in turn moves the needle on the display dial.

- **Reading the Gauge:** The display dial is marked with 'E' for Empty, '1/2' for Half, and 'F' for Full. The needle will indicate the current fuel level.
- **Accuracy:** The exact gauge structure and accurately moving float ensure precise fuel level readings.

SHOW OIL VOLUME ACCURATELY



Image 6.1: Accurate Fuel Volume Display. This image illustrates the fuel gauge dial indicating the fuel level, demonstrating its accuracy in showing the remaining fuel volume.

7. MAINTENANCE

The JAVIK Fuel Gauge is designed for durability and requires minimal maintenance.

- **Regular Inspection:** Periodically check the fuel gauge for any signs of damage, cracks, or leaks around the mounting area.
- **Cleaning:** Clean the exterior of the gauge with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.

that could damage the plastic or markings.

- **Seal Integrity:** The upgraded anti-aging and anti-corrosion seal is designed for long-term performance. However, if any signs of fuel leakage are observed, inspect the seal and mounting for proper fitment.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Gauge reads inaccurately or is stuck.	• Float mechanism obstructed. • Gauge installed incorrectly (not horizontal). • Internal damage to the float or mechanism.	• Remove and re-install, ensuring the float moves freely. • Verify the gauge is installed horizontally as intended. • If damaged, replacement may be necessary.
Fuel leakage around the gauge.	• Improperly seated gasket. • Loose mounting screws. • Damaged seal or mounting plate.	• Ensure the gasket is correctly positioned. • Tighten mounting screws evenly. • Inspect seal and plate for damage; replace if necessary.
Gauge display is fogged or cloudy.	• Moisture ingress due to seal failure. • Condensation from temperature changes.	• Check seal integrity and re-install if necessary. • Allow time for condensation to dissipate. If persistent, seal may be compromised.

9. SPECIFICATIONS

Feature	Detail
Brand	JAVIK
Material	Plastic
Item Weight	0.11 Kilograms
Included Components	1 PCS Fuel Gauge Assembly
OEM Part Numbers	44580-09F01, 44580-09FA1 (Replaces 44580-09F00, 44580-09FA0)
Compatibility	Suzuki LTF500F QuadRunner 500 4x4 (1998-2002)

10. WARRANTY AND SUPPORT

Warranty Description: This JAVIK product comes with a 12-month warranty from the date of purchase, covering manufacturing defects.

Customer Service: JAVIK offers 24-hour customer service. If you encounter any problems or have questions regarding your fuel gauge, please feel free to message us.

For further assistance, please visit the [JAVIK Store on Amazon](#).

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