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Kufatec 39609

Kufatec 39609 Auxiliary Heater for VW T5 Climatronic

Instruction Manual

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Kufatec 39609 Auxiliary Heater upgrade kit. This kit is designed to integrate with the factory-fitted parking heater system in VW T5 and VW T5 GP vehicles equipped with Climatronic. The auxiliary heater allows you to pre-heat your vehicle's interior and defrost windows without running the engine, enhancing comfort and safety.

Please read this manual carefully before attempting any installation or operation to ensure proper function and to avoid damage to the product or your vehicle. Keep this manual for future reference.

2. SAFETY INFORMATION

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning any installation work.
- Only qualified personnel should perform the installation to prevent damage to the vehicle's electrical system.
- Do not operate the auxiliary heater in enclosed spaces without adequate ventilation, such as garages, due to the risk of carbon monoxide poisoning.
- Keep flammable materials away from the heater's exhaust and air intake.
- Regularly inspect the system for any signs of damage or malfunction.

3. PRODUCT OVERVIEW

The Kufatec 39609 kit upgrades your existing factory-fitted parking heater to allow remote activation and enhanced control. It includes a wireless remote control for convenient operation.

STANDHEIZUNG VW T5 GP



Figure 1: Kufatec Auxiliary Heater system with remote control and a VW T5 van. The image illustrates the remote control's function in activating the vehicle's heating system.

Key Features:

- Remote activation of the auxiliary heater.
- Pre-heats vehicle interior and defrosts windows.
- Compatible with VW T5 and VW T5 GP models with Climatronic.
- Reduces engine wear during cold starts.

4. SETUP AND INSTALLATION

This kit is an upgrade for an existing factory-fitted parking heater. Professional installation is highly recommended due to the complexity of integrating with the vehicle's electrical and heating systems.

4.1 Pre-Installation Checks

- Verify your vehicle is a VW T5 or VW T5 GP.
- Confirm your vehicle is equipped with the Climatronic system. This kit is **only compatible** with Climatronic.
- Ensure all components listed in the packaging are present.

4.2 Installation Steps (Professional Installation Recommended)

1. **Disconnect Battery:** Always disconnect the vehicle's battery before starting any electrical work.
2. **Access Vehicle Wiring:** Locate the wiring harness for the factory-fitted parking heater and the Climatronic control unit.
3. **Integrate Module:** Connect the Kufatec upgrade module according to the specific wiring diagram provided with your kit. This

typically involves connecting to CAN bus lines and power supply.

4. **Mount Components:** Securely mount the module in a dry, protected area within the vehicle, away from heat and moisture.
5. **Connect Antenna:** Install the remote control antenna in a location that provides optimal signal reception, usually behind the dashboard or in the A-pillar.
6. **Reconnect Battery:** Once all connections are secure and verified, reconnect the vehicle's battery.
7. **System Test:** Perform an initial test of the system as described in the "Operating" section.

Note: Specific wiring diagrams and detailed installation instructions are included with the product packaging. Refer to these documents for precise connection points and procedures.

5. OPERATING INSTRUCTIONS

The Kufatec 39609 Auxiliary Heater is controlled via the supplied wireless remote control.

5.1 Remote Control Functions

- **"ON" Button:** Press this button to activate the auxiliary heater. The heater will begin its pre-heating cycle.
- **"OFF" Button:** Press this button to deactivate the auxiliary heater. The heater will shut down.

5.2 Activating the Heater

1. Ensure the vehicle is parked safely and is not in an enclosed space.
2. Point the remote control towards the vehicle (within range, typically up to 100 meters, depending on environmental factors).
3. Press the **"ON"** button once. The indicator light on the remote control may flash to confirm signal transmission.
4. The auxiliary heater will start, and you may hear the fan and combustion sounds. The vehicle's interior will begin to warm up, and windows will start to defrost.

5.3 Deactivating the Heater

1. To turn off the heater before its programmed cycle ends, press the **"OFF"** button on the remote control.
2. The heater will enter a cool-down phase before completely shutting down.

Note: The duration of the heating cycle is typically controlled by the vehicle's Climatronic settings or the factory parking heater unit. Refer to your vehicle's owner's manual for details on adjusting heating duration.

6. MAINTENANCE

The Kufatec 39609 Auxiliary Heater upgrade kit requires minimal maintenance. Regular checks of the overall vehicle heating system are recommended.

- **Remote Control Battery:** Replace the battery in the remote control when its range decreases or the indicator light fails to illuminate. Refer to the remote control's specific instructions for battery type and replacement procedure.
- **System Check:** Periodically check all visible wiring and connections for signs of wear, corrosion, or damage.
- **Heater Operation:** Run the auxiliary heater for at least 10 minutes once a month, even during warmer seasons, to ensure all components remain functional and prevent seizing.
- **Professional Inspection:** Have the entire auxiliary heating system inspected by a qualified technician during your vehicle's regular service intervals.

7. TROUBLESHOOTING

If you experience issues with your Kufatec 39609 Auxiliary Heater, consult the following troubleshooting guide:

Problem	Possible Cause	Solution
Heater does not activate with remote control.	Remote control battery is low or dead. Vehicle is out of remote control range. Interference with signal. Module not receiving power. Heater system fault.	Replace remote control battery. Move closer to the vehicle. Try again in a different location. Check wiring connections and vehicle battery charge. Consult a professional technician.
Heater activates but does not produce heat.	Low fuel level in vehicle. Fault in the factory-fitted parking heater unit.	Ensure sufficient fuel in the vehicle's tank. Consult a professional technician for diagnosis of the main heater unit.
Remote control indicator light does not flash.	Remote control battery is dead.	Replace remote control battery.

If the problem persists after attempting these solutions, please contact Kufatec customer support or a qualified automotive technician.

8. SPECIFICATIONS

Model Number	39609
Compatibility	VW T5, VW T5 GP (with factory-fitted parking heater and Climatronic)
Control Method	Wireless Remote Control
Operating Voltage	12V DC (Vehicle Electrical System)
ASIN	B07C51XLPF

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Kufatec products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific warranty period and terms may vary by region and product. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation included with your product or visit the official Kufatec website.

9.2 Customer Support

For technical assistance, troubleshooting, or inquiries regarding your Kufatec 39609 Auxiliary Heater, please contact Kufatec customer support. Contact details can typically be found on the official Kufatec website or in the product packaging.

- **Website:** www.kufatec.com (Example, verify actual URL)
- **Email:** Refer to website for contact email.
- **Phone:** Refer to website for contact phone number.

When contacting support, please have your product model number (39609) and proof of purchase readily available.

