

Kufatec 68259403

Kufatec Seat Heater and Electric Seat Adjustment Wiring Harness User Manual

Model: 68259403 - Compatible with VW Golf 6

1. INTRODUCTION

This manual provides instructions for the installation and operation of the Kufatec wiring harness for seat heating and electric seat adjustment. This product is designed to facilitate the connection of car seats equipped with integrated heating mats and electric adjustment features. It is specifically compatible with the VW Golf 6 model and supports both front seats (left and right).

For optimal performance and safety, please read these instructions carefully before installation and use. Retain this manual for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this wiring harness involves working with vehicle electrical systems. It is strongly recommended that installation be performed by a qualified automotive technician.
- **Disconnect Battery:** Always disconnect the vehicle's battery before beginning any electrical installation work to prevent short circuits and electrical shock.
- **Vehicle Manual:** Consult your vehicle's service manual for specific instructions regarding seat removal, electrical diagrams, and safety precautions relevant to your VW Golf 6.
- **Cable Routing:** Ensure all cables are routed securely and away from moving parts, sharp edges, and heat sources to prevent damage and ensure safe operation.
- **Fuse Protection:** Verify that appropriate fuse protection is in place for all electrical connections made.

3. PACKAGE CONTENTS

The package includes the following components:

- Kufatec adapter wiring harness for easy connection of seat heating and electric seat adjustment.

This wiring harness set is suitable for both front seats (left + right).



Image 1: Kufatec Wiring Harness. This image shows the general appearance of the wiring harness and its components.

4. SETUP AND INSTALLATION

The following steps outline the general installation process. Specific details may vary based on your vehicle's configuration. Always refer to your vehicle's service manual and seek professional assistance if unsure.

1. **Preparation:** Ensure the vehicle is turned off and the ignition key is removed. Disconnect the negative terminal of the vehicle's battery.
2. **Seat Removal:** Carefully remove the front seats (driver and passenger) from the vehicle according to the manufacturer's instructions. This typically involves unbolting the seats and disconnecting any existing electrical connectors.
3. **Harness Routing:** Route the Kufatec wiring harness from the vehicle's power source (e.g., fuse box) to the seat locations. Ensure proper cable management, avoiding interference with moving parts or vehicle controls.
4. **Connection to Seats:** Connect the appropriate connectors of the Kufatec harness to the integrated heating mats and electric adjustment mechanisms within each seat. Ensure all connections are secure and properly seated.
5. **Power Connection:** Connect the main power lead of the Kufatec harness to a suitable fused power source in the vehicle, following the vehicle's electrical diagrams.
6. **Reinstallation:** Reinstall the seats, ensuring all bolts are tightened to the manufacturer's specifications. Reconnect any original electrical connectors that were detached.
7. **Battery Reconnection:** Reconnect the vehicle's battery.
8. **Function Test:** Test the seat heating and electric adjustment functions to ensure proper operation.

5. OPERATING INSTRUCTIONS

Once the Kufatec wiring harness is correctly installed, the seat heating and electric seat adjustment functions will operate via the vehicle's existing controls or any new control elements integrated during installation. Refer to your vehicle's owner's manual for specific instructions on how to activate and adjust these features.

- **Seat Heating:** Typically activated via a button or switch on the dashboard or seat itself. Adjust the heat level as desired.
- **Electric Seat Adjustment:** Use the dedicated controls, usually located on the side of the seat, to adjust seat position, recline, and other available functions.

6. MAINTENANCE

The Kufatec wiring harness is designed for durability and requires minimal maintenance. However, periodic checks can help ensure continued reliable operation:

- **Visual Inspection:** Periodically inspect visible parts of the wiring harness for any signs of wear, fraying, or damage.
- **Connection Security:** Ensure all electrical connections remain secure and free from corrosion.
- **Cleaning:** Keep the area around the wiring and seat controls clean and free from debris.

Do not attempt to repair damaged wiring yourself. Consult a qualified technician for any repairs.

7. TROUBLESHOOTING

If you experience issues with your seat heating or electric seat adjustment after installing the Kufatec wiring harness, consider the following:

- **No Power/Functionality:**
 - Check the vehicle's fuse box for any blown fuses related to the seat heating or power supply.
 - Verify that the Kufatec harness is securely connected to the vehicle's power source and the seats.
 - Ensure the vehicle's battery is fully charged and properly connected.
- **Intermittent Operation:**
 - Inspect all connections for looseness or corrosion.
 - Check for any kinks or damage in the wiring harness.
- **Incorrect Function:**
 - Re-verify that the harness connections match the correct terminals on the seat components.
 - Ensure the correct wiring harness model was installed for your specific vehicle (VW Golf 6).

If troubleshooting steps do not resolve the issue, contact a qualified automotive technician or the product manufacturer for assistance.

8. SPECIFICATIONS

Product Type	Wiring Harness for Seat Heating and Electric Seat Adjustment
Model Number	68259403
Compatibility	VW Golf 6 (Front Seats: Left + Right)
Manufacturer	TFS

Brand (as listed)	Unbekannt (Kufatec product line)
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9. WARRANTY AND SUPPORT

For information regarding warranty coverage, terms, and conditions, please refer to the documentation provided with your purchase or contact the seller directly. If you require technical support or have questions not covered in this manual, please reach out to the product manufacturer or your authorized dealer.

Manufacturer Reference: 68259403