

## Kufatec 73119904

# Kufatec Cruise Control System User Manual

GRA Complete Kit for VW Golf 4 / Bora

## 1. PRODUCT OVERVIEW

The Kufatec Cruise Control (GRA) Complete Kit is designed to retrofit a cruise control system into compatible VW Golf 4 and Bora vehicles. This kit allows drivers to maintain a set speed without constant pedal input, enhancing driving comfort on long journeys. The system is controlled via a dedicated button on the steering column stalk.

## 2. COMPATIBILITY

This Kufatec Cruise Control Kit is specifically designed for:

- **VW Golf 4**
- **VW Bora**

### Important Note:

- Only compatible with vehicles equipped with an **electronic throttle (drive-by-wire)**.
- The GRA function must be **unlocked and activated** via diagnostic tools through the engine control unit after installation.

## 3. FEATURES AND FUNCTIONS

Once installed and activated, the Kufatec Cruise Control system provides the following functionalities:

- **Set Speed:** Allows the driver to set and maintain a desired cruising speed.
- **Accelerate:** Increase the set speed incrementally.
- **Decelerate:** Decrease the set speed incrementally.
- **Resume:** Recall and resume the last stored cruising speed after braking or temporary deactivation.

## 4. PACKAGE CONTENTS

The complete Kufatec Cruise Control Kit includes the following components:

- **Steering Column Stalk:** The primary control lever for the cruise control functions.
- **Cable Set (2 sets):** Two distinct cable harnesses specifically designed for gasoline engines, facilitating the electrical connection and integration of the system.



This image displays the complete Kufatec Cruise Control Kit. It features a black steering column stalk with control buttons for cruise control functions, and two separate cable harnesses with multiple wires and connectors, essential for installation and integration into the vehicle's electrical system.

## 5. SETUP AND INSTALLATION

Installation of the Kufatec Cruise Control Kit requires technical expertise and should ideally be performed by a qualified professional. The process involves replacing the existing steering column stalk and integrating the new cable harnesses into the vehicle's electrical system.

### 5.1. Pre-installation Checks

- Ensure the vehicle has an electronic throttle system.
- Gather all necessary tools for automotive electrical work and component replacement.
- Disconnect the vehicle's battery before beginning any electrical work.

### 5.2. Physical Installation

Follow the specific wiring diagrams and installation instructions provided with the physical product. This typically involves:

1. Removing the steering wheel and existing steering column stalk.
2. Installing the new Kufatec steering column stalk.
3. Connecting the provided cable harnesses to the vehicle's wiring system, specifically to the engine control unit and other relevant points.
4. Reassembling the steering column and steering wheel components.

## 5.3. System Activation (Coding)

After physical installation, the cruise control function must be activated in the vehicle's engine control unit (ECU) using a suitable diagnostic tool (e.g., VCDS, ODIS). This step is crucial for the system to function correctly.

- Connect the diagnostic tool to the vehicle's OBD-II port.
- Access the engine control unit.
- Enable or code the GRA (Cruise Control System) function according to the diagnostic tool's instructions for your specific vehicle model.
- Clear any fault codes that may arise during the coding process.

## 6. OPERATING INSTRUCTIONS

Once installed and activated, operate the cruise control system using the controls on the steering column stalk.

### 6.1. Activating Cruise Control

- Drive to your desired speed (typically above 30 km/h or 20 mph).
- Press the **ON** button or slide the switch to the ON position on the stalk.
- Press the **SET** button to set the current speed as the cruising speed. The cruise control indicator light on your dashboard should illuminate.

### 6.2. Adjusting Speed

- To **accelerate**, push the stalk upwards or press the+ button.
- To **decelerate**, pull the stalk downwards or press the- button.

### 6.3. Deactivating Cruise Control

Cruise control can be temporarily deactivated by:

- Pressing the brake pedal.
- Pressing the clutch pedal (manual transmission).
- Pressing the **OFF** button or sliding the switch to the OFF position on the stalk.

### 6.4. Resuming Set Speed

- After temporary deactivation, press the **RESUME (RES)** button on the stalk to return to the last set speed.

## 7. MAINTENANCE

The Kufatec Cruise Control Kit is designed for long-term reliability and typically requires no specific routine

maintenance. However, general vehicle maintenance practices should be followed:

- Ensure all electrical connections remain secure and free from corrosion.
- Keep the interior of the vehicle clean, especially around the steering column, to prevent dust or debris from affecting the stalk's operation.
- If any issues arise, consult a qualified automotive technician.

## 8. TROUBLESHOOTING

If you experience issues with your Kufatec Cruise Control system, consider the following common troubleshooting steps:

- **System Not Activating:**
  - Verify that the GRA function has been correctly activated via diagnostic coding.
  - Check all cable connections for proper seating and continuity.
  - Ensure the vehicle's brake light switch is functioning correctly, as a faulty switch can prevent cruise control activation.
- **Intermittent Operation:**
  - Inspect wiring for any signs of damage or loose connections.
  - Check for any stored fault codes in the engine control unit using a diagnostic tool.
- **Controls Unresponsive:**
  - Ensure the steering column stalk is securely mounted.
  - Confirm that the vehicle's ignition is on and the engine is running.

**If problems persist, it is recommended to consult a professional automotive technician or Kufatec support for further diagnosis.**

## 9. SPECIFICATIONS

Attribute	Detail
Product Name	Kufatec Cruise Control Button GRA Complete Kit
Model Number	73119904
Compatibility	VW Golf 4, VW Bora (with electronic throttle)
Cruise Control Type	Button-operated via steering column stalk
Material	Plastic
Manufacturer	TFS (Kufatec)

## 10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the documentation provided with your purchase or contact the seller/manufacturer directly. Keep your proof of purchase for warranty claims.

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### Related Documents - 73119904

	<p><a href="#">KUFATEC Adaptive Cruise Control (ACC) Installation Instructions</a></p> <p>Comprehensive installation guide for the KUFATEC Adaptive Cruise Control (ACC) system, detailing component placement, cable routing, and disassembly procedures for vehicles.</p>
	<p><a href="#">KUFATEC Installation Instruction for Golf 7 NSW/5Q Fog Lamps (Article No. 39886, 39887)</a></p> <p>Detailed installation instructions for KUFATEC fog lamps and on-board control unit for Volkswagen Golf 7 NSW and 5Q models. Includes disclaimer, copyright, general advice, safety instructions, legal regulations, notes, scope of delivery, and a description of the installation diagram.</p>
	<p><a href="#">KUFATEC Adaptive Cruise Control (ACC) Installation Instructions</a></p> <p>Detailed installation instructions for the KUFATEC Adaptive Cruise Control (ACC) system, covering component placement, cable routing, and vehicle part disassembly procedures.</p>
	<p><a href="#">KUFATEC Adaptive Cruise Control (ACC) Installation Instructions for VW Passat B8</a></p> <p>Detailed installation guide for KUFATEC's Adaptive Cruise Control (ACC) system on the VW Passat B8, covering component removal, wiring, and coding.</p>

