

## BAIMOQI B0D9JVTFCL

# BAIMOQI Remote Engine Start Stop Module User Manual

Model: B0D9JVTFCL

## 1. INTRODUCTION

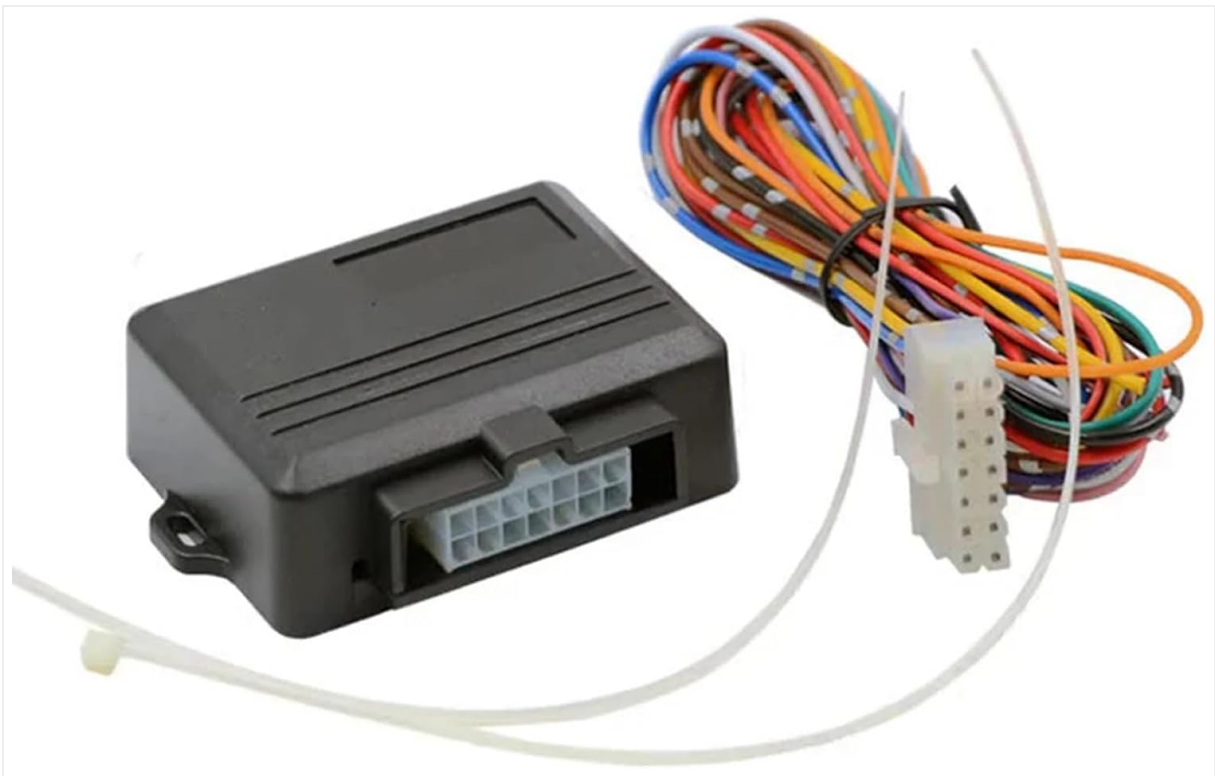
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Thank you for choosing the BAIMOQI Remote Engine Start Stop Module. This device provides the convenience of remotely starting and stopping your vehicle, allowing for pre-heating in cold weather or pre-cooling in hot conditions. It is designed for compatibility with all 12V vehicles, offering intelligent recognition and protective functions for secure operation. Please read this manual thoroughly before installation and use to ensure proper function and safety.

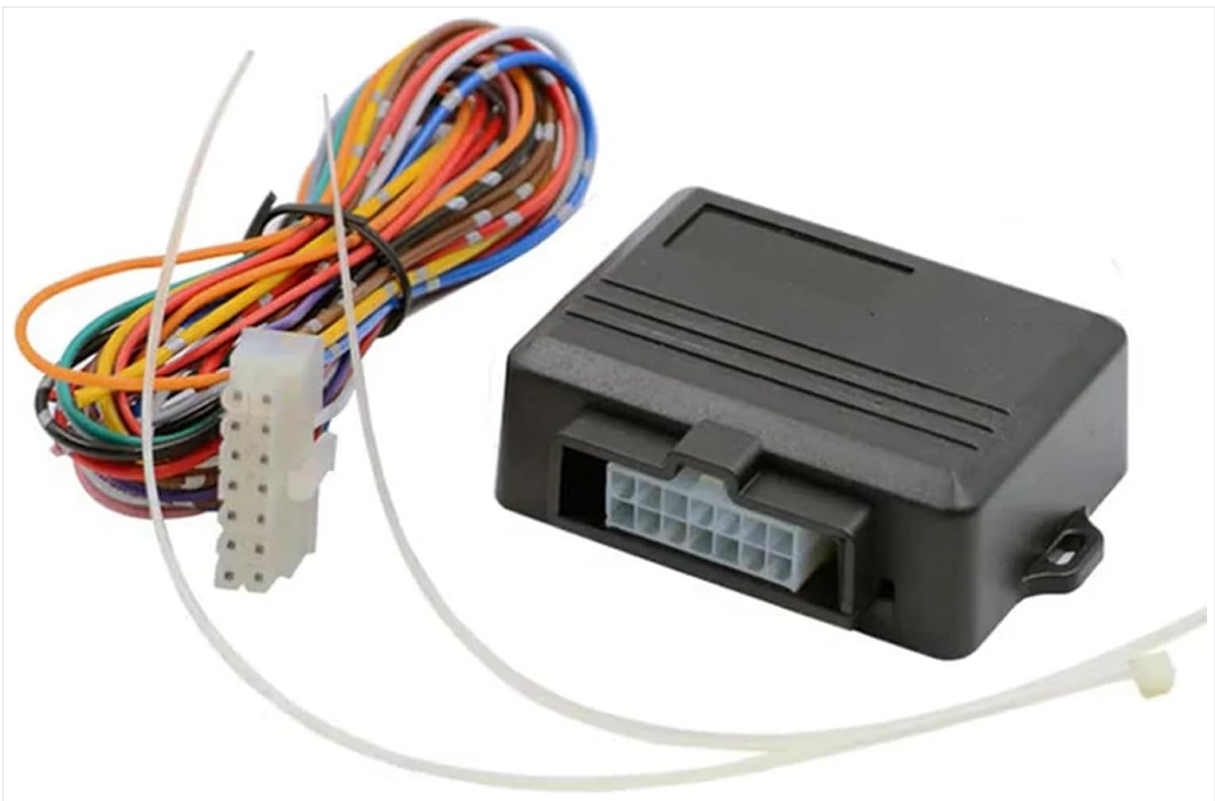
## 2. PRODUCT OVERVIEW

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The BAIMOQI Remote Engine Start Stop Module consists of a main control unit and a wiring harness. The main control unit processes signals from your vehicle's remote control to initiate engine start/stop functions. The wiring harness connects the module to your vehicle's electrical system.



**Figure 2.1:** Main control unit and wiring harness. This image displays the compact black control module with a multi-pin connector, alongside a bundle of colorful wires with a white connector, and two white zip ties, all against a white background.



**Figure 2.2:** Dimensions of the BAIMOQI Remote Engine Start Stop Module. The image shows the black control module with its dimensions labeled: 76mm/2.99inch length, 58mm/2.28inch width, and 26mm/1.02inch height.

### 3. SPECIFICATIONS

- **Material:** Plastic
- **Voltage:** 12V
- **Dimensions (L x W x H):** Approximately 76mm x 58mm x 26mm (2.99in x 2.28in x 1.02in)
- **Compatible Devices:** Cars, Trucks, SUVs (12V systems)

- **Remote Control:** Utilizes existing vehicle remote control (not included with module)
- **Features:** Remote engine start/stop, pre-heating, pre-cooling, intelligent recognition, protective functions, automatic shut-off.

## 4. SETUP AND INSTALLATION

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**Important:** Installation of this module requires knowledge of automotive electrical systems. If you are not comfortable with electrical wiring, it is recommended to seek professional installation. Ensure the vehicle's battery is disconnected before beginning installation.

1. **Identify Installation Location:** Choose a secure and dry location within the vehicle, typically under the dashboard, away from excessive heat or moisture.
2. **Disconnect Battery:** Disconnect the negative terminal of your vehicle's battery to prevent electrical shorts during installation.
3. **Wire Identification:** Carefully identify the necessary wires in your vehicle's ignition system, including constant power, ignition, accessory, and starter wires. Refer to your vehicle's specific wiring diagrams.
4. **Connect Wiring Harness:** Connect the module's wiring harness to the identified vehicle wires according to the provided wiring diagram (not included in this manual, typically supplied with the product packaging). Ensure all connections are secure and properly insulated.
5. **Mount Module:** Securely mount the BAIMOQI module using appropriate fasteners or zip ties to prevent movement.
6. **Reconnect Battery:** Once all connections are verified, reconnect the vehicle's battery.
7. **Test Functionality:** Proceed to the "Operating Instructions" section to test the remote start/stop functionality.



**Figure 4.1:** Illustration of the module and wiring harness in context with a car. This image shows the black control module and its wiring harness in the foreground, with a silver car in the background, suggesting its application.

## 5. OPERATING INSTRUCTIONS

The BAIMOQI Remote Engine Start Stop Module is designed to work with your vehicle's existing remote control.

1. **Remote Engine Start:** To start the engine remotely, press the **lock button** on your original car remote control **three times** within a short interval (e.g., 3 seconds). The vehicle's lights may flash, and the engine will start.
2. **Remote Engine Stop:** To stop the engine remotely after a remote start, press the **lock button** on your original car remote control **three times** again. The engine will shut off.
3. **Automatic Shut-off:** The module features an automatic shut-off function to prevent unnecessary idling. If the vehicle is not entered and the ignition turned on within a preset time (e.g., 10-15 minutes), the engine will automatically shut off.
4. **Entering the Vehicle:** After a remote start, unlock your vehicle, enter, insert the key into the ignition, and turn it to the "ON" or "RUN" position before pressing the brake pedal. This transfers control from the remote start module to the vehicle's ignition system.



**Figure 5.1:** Remote start operation. This image depicts a black car with a hand holding a remote control, indicating the action of pressing the lock button three times to initiate remote preheating or cooling. The BAIMOQI module and wiring harness are also shown in the foreground.

## 6. MAINTENANCE

The BAIMOQI Remote Engine Start Stop Module is designed for minimal maintenance.

- **Keep Dry:** Ensure the module remains dry and free from moisture.
- **Clean Connections:** Periodically check wiring connections to ensure they are secure and free from corrosion.
- **Avoid Extreme Temperatures:** While designed for automotive use, avoid exposing the module to extreme temperatures beyond typical vehicle operating conditions.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not start remotely.	<ul style="list-style-type: none"> <li>◦ Incorrect wiring connections.</li> <li>◦ Vehicle battery low or dead.</li> <li>◦ Remote control out of range or battery low.</li> <li>◦ Vehicle security system interference.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Verify all wiring connections are correct and secure.</li> <li>◦ Check vehicle battery voltage.</li> <li>◦ Ensure you are within range and replace remote battery if necessary.</li> <li>◦ Consult a professional installer to check for compatibility with vehicle security systems.</li> </ul>

Problem	Possible Cause	Solution
Engine starts but immediately shuts off.	<ul style="list-style-type: none"> <li>◦ Automatic shut-off activated.</li> <li>◦ Improper hand-off procedure (not inserting key and turning to ON/RUN).</li> </ul>	<ul style="list-style-type: none"> <li>◦ This is normal behavior if the vehicle is not entered within the preset time.</li> <li>◦ Ensure the key is inserted and turned to the "ON" or "RUN" position before pressing the brake pedal after remote start.</li> </ul>
Remote start range is poor.	<ul style="list-style-type: none"> <li>◦ Environmental interference.</li> <li>◦ Remote control battery low.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Move to an area with less radio interference.</li> <li>◦ Replace the battery in your vehicle's remote control.</li> </ul>

## 8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation included with your product packaging or contact the retailer where the product was purchased.

If you encounter issues not covered in this manual or require further assistance, please contact BAIMOQI customer support through the vendor's contact information provided at the point of purchase.