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EVGATSAUTO Universal Car Keyless Entry System LB-405/L261 Instruction Manual

Model: LB-405/L261 | Brand: EVGATSAUTO

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EVGATSAUTO Universal Car Keyless Entry System, model LB-405/L261. This system is designed to enhance vehicle security and convenience by offering remote locking, unlocking, and trunk release functionalities.

The system is universally compatible with most vehicles. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.



Image: The EVGATSAUTO Keyless Entry System, including the control unit and remote, with a car in the background.

PACKAGE CONTENTS

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

- 1 x Control Box
- 2 x Remote Controls
- 1 x LED Connection Wire
- 1 x Wire Set
- 1 x User Manual (this document)



Image: Various components of the keyless entry system, including the control box and two remote controls.



Image: A pair of remote controls included with the system.

SPECIFICATIONS

Feature	Specification
Model	LB-405/L261
Voltage	12V \pm 2V DC
Static Current	<15mA
Indicator Current	20mA
Sensor Impact Current	<1mA
Working Frequency	433.92 MHz
Remote Distance	Approx. 50-80m
Control Box Size (L x W x H)	9.0 x 6.8 x 2.6 cm (3.5 x 2.7 x 1.0 inches)
Package Weight	Approx. 230g
Mounting	Universal
Special Features	Easy to install
Compatible Devices	Cars



Image: Dimensions of the control box for the keyless entry system.

SETUP AND INSTALLATION

Installation of the EVGATSAUTO Keyless Entry System requires basic automotive electrical knowledge. If you are unsure about any steps, it is recommended to seek professional installation.

Safety Precautions:

- Disconnect the vehicle's battery before beginning installation to prevent electrical shorts.
- Ensure all wiring connections are secure and properly insulated.
- Use appropriate tools and wear safety gear.

Wiring Diagram Overview:

The system includes a wire set for connection to your vehicle's electrical system. Refer to the detailed wiring diagram provided in the separate wiring instructions (if applicable) or consult a professional. Key connections typically include:

- **Power (12V DC):** Connect to a constant 12V power source.
- **Ground:** Connect to a reliable chassis ground point.
- **Door Lock/Unlock Wires:** Connect to your vehicle's central locking system wires.
- **Siren Output:** Connect to an external siren (if used).
- **LED Indicator:** Connect the provided LED connection wire to a visible location.
- **Trunk Release:** Connect to the vehicle's trunk release mechanism (if supported).



Image: Detail of the control box connectors for wiring.



Image: An inline fuse, typically used for circuit protection during installation.

Mounting the Control Box:

Choose a secure and hidden location within the vehicle's interior, away from moisture and excessive heat. Ensure the control box is mounted firmly to prevent vibrations.

OPERATING INSTRUCTIONS

Once installed, the keyless entry system provides convenient remote control over your vehicle's locking mechanisms.

Remote Control Functions:

- **Lock Button:** Press once to lock all vehicle doors. The vehicle's lights may flash, and a siren chirp may sound (if connected).
- **Unlock Button:** Press once to unlock all vehicle doors. The vehicle's lights may flash.
- **Trunk Release Button:** Press and hold (or press twice, depending on configuration) to remotely open the vehicle's trunk.
- **Car Finder / Panic Button:** Press to activate the siren and flash lights, helping you locate your vehicle in a parking lot or as a panic alarm.

The effective range of the remote control is approximately 50-80 meters, depending on environmental conditions and battery strength.

MAINTENANCE

The EVGATSAUTO Keyless Entry System is designed for low maintenance. Follow these guidelines to ensure optimal performance:

- **Remote Control Batteries:** Replace the batteries in your remote controls when the range decreases

or the indicator light on the remote becomes dim. Refer to the remote control's specific instructions for battery replacement.

- **Control Box:** Ensure the control box remains dry and free from dust and debris. Do not open the control box as it contains no user-serviceable parts.
- **Wiring:** Periodically check visible wiring for any signs of wear, damage, or loose connections.

TROUBLESHOOTING

If you experience issues with your keyless entry system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
System does not respond to remote.	<ul style="list-style-type: none">◦ Dead remote battery.◦ Remote out of range.◦ Interference.◦ Loose wiring connection to control box.	<ul style="list-style-type: none">◦ Replace remote battery.◦ Move closer to the vehicle.◦ Move away from sources of strong radio interference.◦ Check power and ground connections to the control box.
Doors do not lock/unlock.	<ul style="list-style-type: none">◦ Incorrect wiring to vehicle's central locking system.◦ Faulty door lock actuator.◦ Control box malfunction.	<ul style="list-style-type: none">◦ Verify wiring connections according to the vehicle's wiring diagram.◦ Test door lock actuators manually.◦ Contact customer support if other solutions fail.
Siren does not sound.	<ul style="list-style-type: none">◦ Siren not connected or faulty.◦ Siren output wire disconnected.	<ul style="list-style-type: none">◦ Check siren connection and functionality.◦ Ensure siren output wire is securely connected to the siren.

If the problem persists after attempting these solutions, please contact customer support.

WARRANTY AND SUPPORT

Quality Assurance:

EVGATSAUTO is committed to providing high-quality products. If you receive the product and are unsatisfied or encounter any issues, please contact us immediately for assistance. We are dedicated to resolving any concerns promptly.

Contact Information:

For technical support, warranty claims, or any questions regarding your EVGATSAUTO Keyless Entry System, please refer to the contact information provided with your purchase documentation or visit the official EVGATSAUTO website.

Note: Specific warranty terms and conditions may vary. Please retain your proof of purchase for warranty claims.

