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› X AUTOHAUX Universal Car Keyless Entry System LB405 User Manual

## X AUTOHAUX LB405

# X AUTOHAUX Universal Car Keyless Entry System LB405 User Manual

Model: LB405 | Brand: X AUTOHAUX

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your X AUTOHAUX Universal Car Keyless Entry System LB405. This system is designed to add convenience and security to your vehicle by enabling remote locking, unlocking, and other functions. Please read this manual thoroughly before installation and use to ensure proper function and safety.

## 2. PACKAGE CONTENTS

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Verify that all components are present in your package:

- 1 x Main Control Unit
- 2 x Remote Key Fobs
- 1 x Wiring Harness with Fuse
- 1 x LED Status Indicator (optional)
- 1 x User Manual (this document)
- Mounting Hardware (screws, brackets)



Figure 2.1: Complete X AUTOHAUX Keyless Entry System kit.

Video 2.1: Unboxing and overview of the kit contents.

### 3. PRODUCT OVERVIEW

The X AUTOHAUX Keyless Entry System LB405 provides remote control over your vehicle's central locking system. It includes a main control unit, two remote fobs, and a wiring harness for integration with your vehicle's electrical system.

#### 3.1 Main Control Unit

The main control unit is the central processing component of the keyless entry system. It receives signals from the remote fobs and controls the vehicle's door locks, trunk release, and other connected functions.



Figure 3.1: Main Control Unit and Wiring Harness.

### 3.2 Remote Key Fobs

Two remote key fobs are provided for convenient operation. Each fob typically features buttons for locking, unlocking, trunk release, and a car finding function.



Figure 3.2: Remote Key Fobs.

## 4. SPECIFICATIONS

- **Brand:** X AUTOHAUX
- **Model Number:** LB405 (also 8542136619, a18092500ux0001)
- **Compatible Devices:** Cars
- **Voltage:** DC 12V
- **Item Weight:** Approximately 7.3 ounces
- **Product Dimensions:** Approximately 5.51 x 4.13 x 2.76 inches
- **Remote Control Included:** Yes

## 5. SETUP AND INSTALLATION

Installation of the X AUTOHAUX Keyless Entry System LB405 requires knowledge of automotive electrical systems. It is highly recommended that installation be performed by a qualified professional to ensure correct

wiring and prevent damage to your vehicle or the product.

## 5.1 Wiring Diagram

Refer to the provided wiring diagram for detailed connection instructions. Ensure all connections are secure and properly insulated.

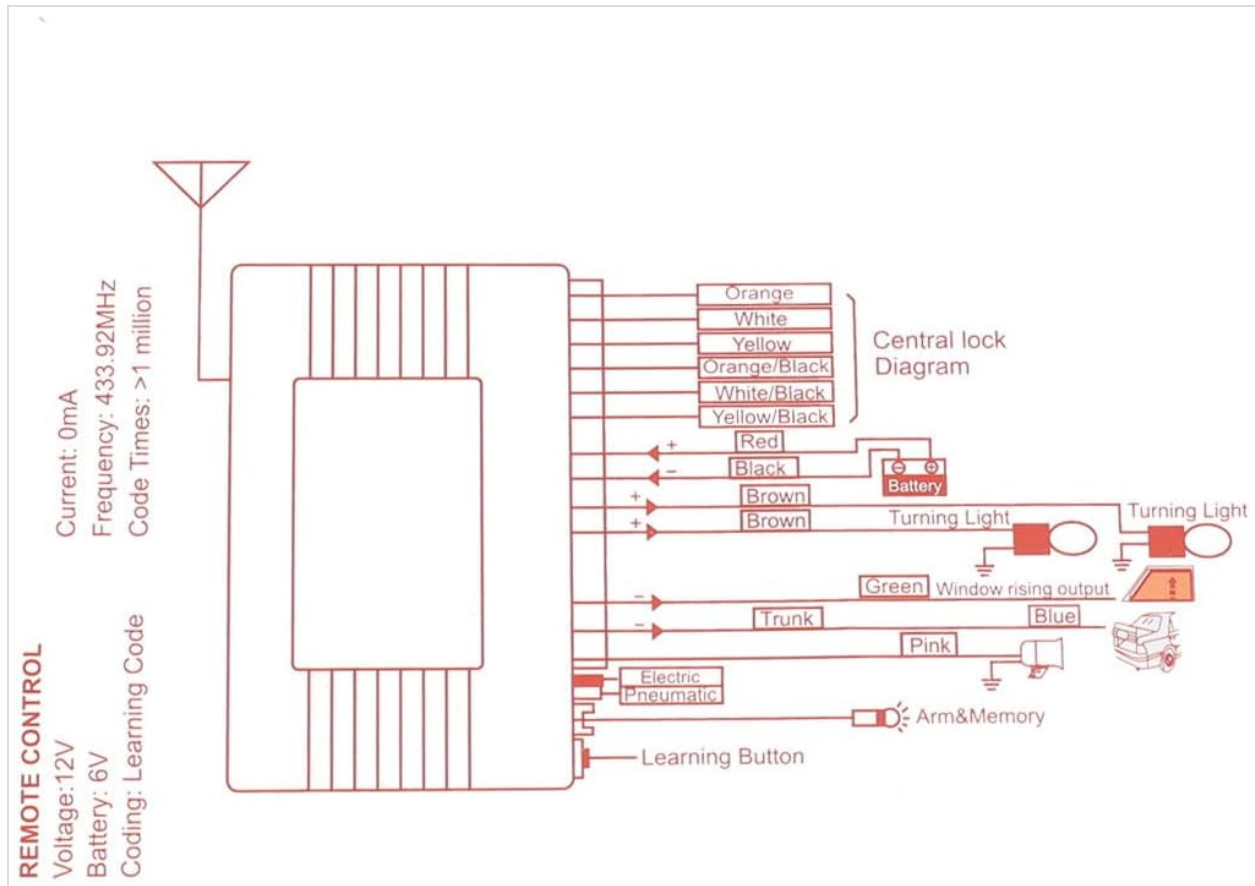


Figure 5.1: System Wiring Diagram.

## 5.2 General Installation Steps (Professional Installation Recommended)

1. **Disconnect Battery:** Before starting any electrical work, disconnect the vehicle's negative battery terminal.
2. **Mount Control Unit:** Choose a secure, dry location inside the vehicle (e.g., under the dashboard) to mount the main control unit.
3. **Connect Power:** Connect the main power wires (typically red for +12V constant, black for ground) to the vehicle's power source, ensuring the inline fuse is correctly installed.
4. **Connect Door Locks:** Wire the control unit to your vehicle's central door lock actuators according to the wiring diagram. This system supports various locking types (e.g., positive trigger, negative trigger, five-wire reverse polarity).
5. **Connect Turn Signals:** Connect the turn signal output wires to your vehicle's turn signal circuits for visual confirmation of lock/unlock operations.
6. **Connect Trunk Release (Optional):** If your vehicle supports remote trunk release, connect the trunk release output wire.
7. **Connect LED Indicator (Optional):** Install the LED status indicator in a visible location and connect its wires.
8. **Test System:** Reconnect the battery and test all functions (lock, unlock, trunk, car finding) with the remote fobs before reassembling interior panels.

Video 5.3: General overview of a keyless entry system installation process.

## 6. OPERATING INSTRUCTIONS

Once installed, operate your keyless entry system using the remote key fobs.

### 6.1 Remote Fob Functions

- **Lock Button (Closed Lock Icon):** Press once to lock all vehicle doors. The turn signals will flash once for confirmation.
- **Unlock Button (Open Lock Icon):** Press once to unlock all vehicle doors. The turn signals will flash twice for confirmation.
- **Trunk Release Button (Trunk Icon):** Press and hold for approximately 3 seconds to open the vehicle's trunk (if connected and supported by the vehicle).
- **Car Finding / Alarm Button (Speaker/Bell Icon or Lightning Bolt):** Press once to locate your vehicle in a parking lot. The vehicle's horn may sound and lights flash (depending on connection). Press again to stop.



Figure 6.1: Keyless Entry System Features.

Video 6.2: Demonstration of remote control functions for a keyless entry system.

## 7. MAINTENANCE

The X AUTOHAUX Keyless Entry System LB405 is designed for minimal maintenance. Follow these guidelines to ensure longevity:

- **Keep Dry:** Protect the main control unit and remote fobs from moisture and extreme temperatures.
- **Battery Replacement:** If the remote fob's range decreases or it stops responding, the battery may need replacement. Refer to the fob's design for battery access.

- **Regular Checks:** Periodically check wiring connections for any signs of wear or corrosion.

## 8. TROUBLESHOOTING

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

- **System Not Responding:**
  - Check the remote fob battery.
  - Ensure the vehicle's battery is charged and connected.
  - Verify all wiring connections to the main control unit are secure.
  - Check the inline fuse on the power wire; replace if blown.
- **Reduced Remote Range:**
  - Replace the remote fob battery.
  - Ensure there are no strong radio frequency interferences in the area.
  - Check the antenna wire on the main control unit; ensure it is extended and not obstructed.
- **Doors Do Not Lock/Unlock:**
  - Verify the wiring to the door lock actuators is correct and secure.
  - Ensure the door lock actuators themselves are functioning correctly.
  - Confirm the system is receiving power.
- **Trunk Release Not Working:**
  - Check the trunk release wiring connection.
  - Ensure your vehicle's trunk release mechanism is compatible and functional.

If problems persist after following these steps, consult a professional automotive technician.

## 9. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the contact details provided by your retailer or the X AUTOHAUX official website. Keep your purchase receipt as proof of purchase for warranty claims.