

X AUTOHAUX 10

X AUTOHAUX Universal 12V Car Remote Central Door Lock Keyless Entry System User Manual

Model: 10

1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of your X AUTOHAUX Universal 12V Car Remote Central Door Lock Keyless Entry System. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

- This product is designed for 12V DC vehicle systems only. Do not attempt to install in 24V systems.
- Professional installation is recommended due to the complexity of vehicle wiring.
- Disconnect the vehicle's battery before beginning installation to prevent electrical shorts and damage.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Refer to your vehicle's service manual for specific wiring diagrams and locations.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1x Main Control Unit
- 2x Remote Controls (with batteries installed)
- 1x Wiring Harness with Fuse
- 1x Instruction Manual

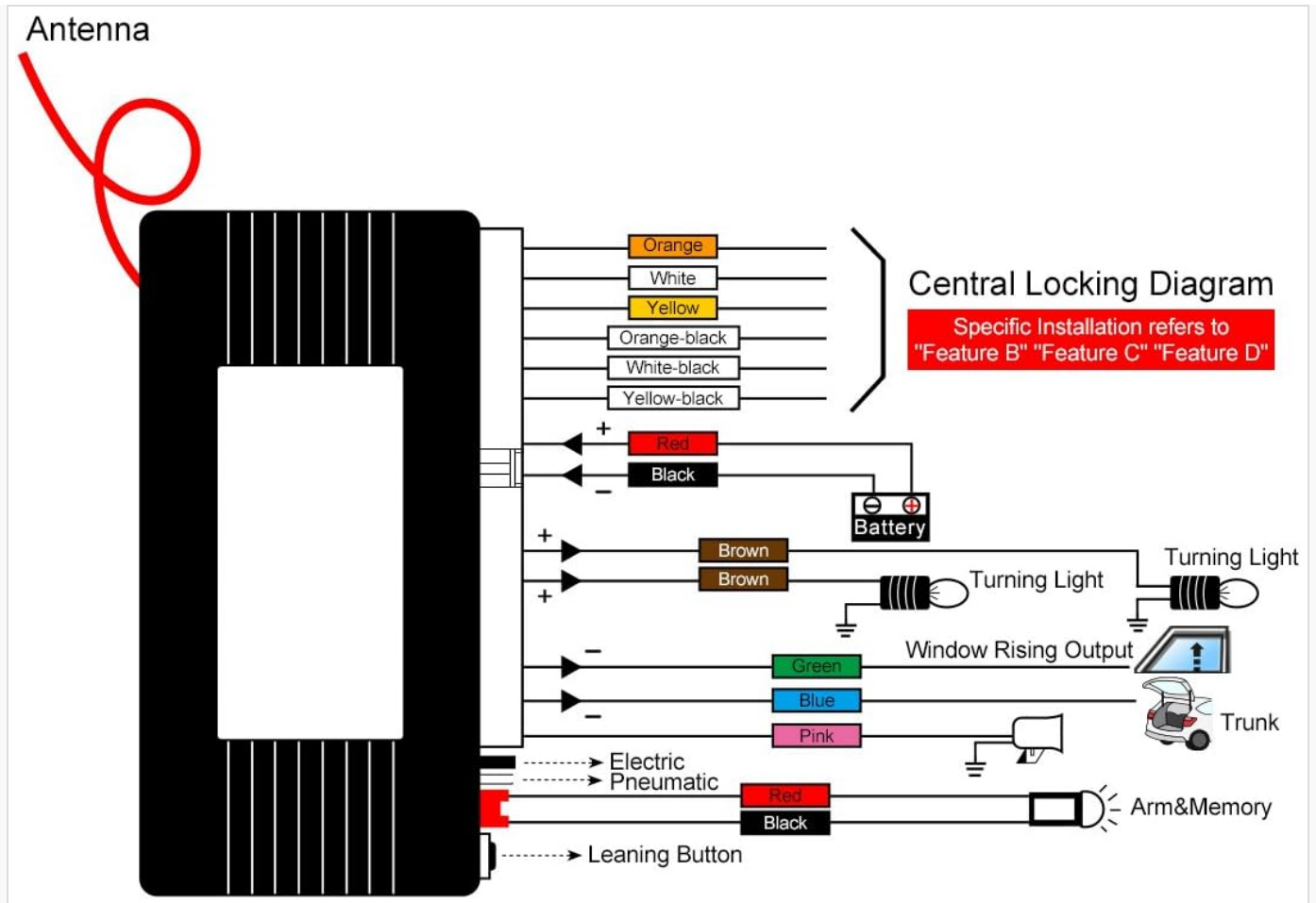
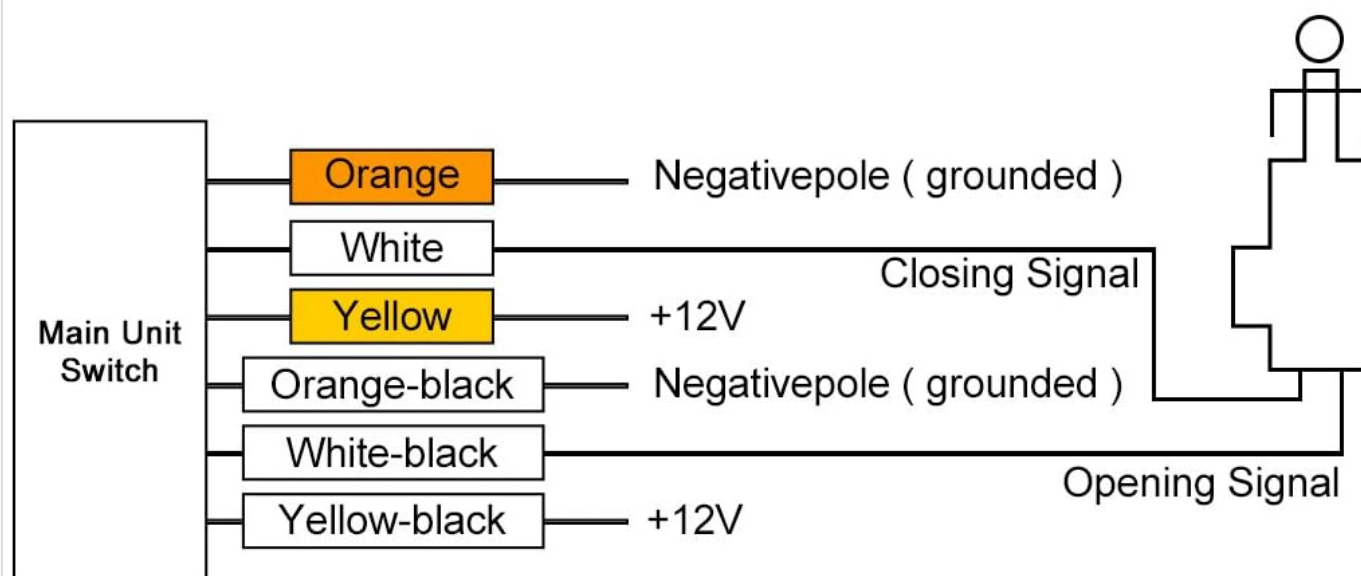


Figure 3.1: Package Contents Overview

Installation for Central Locking Diagram

- ① Originally equipped with central-locking system
 - ② The driver side window switch for the driver door only
- An extra 2-wire actuator is needed, then the wiring connection can refer to "Feature D" below:



(Feature D - positive trigger)

Figure 3.2: Remote Controls

Trouble Shooting

Q: I use the remote to unlock the door but it wont lock it after 5 minute but I can hear the clicking in the box

A: Need to reset the learning code

How to Learn Code

1. Open the cover of main unit
2. Long press the learning button for 3 seconds, then the turning light flashes for a long time, it will enter into the status of learning code.
3. Press lock or unlock button after 5 sec, the turning light will flash once
4. If you continue to learn code, press lock or unlock button, the turning light will flash twice

Note: Turning Light Output Time is 0.1s, unlock or lock pneumatic is 3s, Eletric 0.5s, trunk 0.5s, window output 30s

Figure 3.3: Main Control Unit and Wiring Harness

4. PRODUCT OVERVIEW

The X AUTOHAUX Keyless Entry System provides convenient remote locking and unlocking for your vehicle. It includes a main control unit that connects to your vehicle's central locking system and two remote fobs for wireless operation.

Main Control Unit

The main control unit processes signals from the remote controls and activates the vehicle's central locking, trunk release, and window output functions.

Remote Controls

Each remote control features two buttons: one for locking and one for unlocking. They operate on a learning code system for security.

5. INSTALLATION INSTRUCTIONS

Important: Installation requires knowledge of automotive electrical systems. If you are not confident in your abilities, seek professional assistance.

5.1 General Wiring Diagram

The following diagram illustrates the general wiring connections for the keyless entry system. Specific connections for central locking will depend on your vehicle's system type (positive trigger, negative trigger, or actuator-based).



Figure 5.1: General Wiring Diagram

- **Red Wire:** +12V Constant Power (Connect to vehicle battery positive terminal via fuse).
- **Black Wire:** Ground (Connect to vehicle chassis ground).
- **Brown Wires (x2):** Turning Lights Output (Connect to vehicle's left and right turning light circuits).
- **Green Wire:** Window Rising Output (-) (Connect to window control module for negative trigger window roll-up).

- **Blue Wire:** Trunk Release (-) (Connect to vehicle's trunk release solenoid for negative trigger).
- **Red/Black Wires:** Arm & Memory (Typically for alarm systems, connect as per specific alarm instructions or insulate if not used).
- **Antenna:** Extend for optimal remote range.

5.2 Central Locking Wiring (Main Unit Switch)

The central locking wires (Orange, White, Yellow, Orange-black, White-black, Yellow-black) connect to your vehicle's central locking system. There are typically three main types of central locking systems:

5.2.1 Feature B: Positive Trigger System

For vehicles originally equipped with a central-locking system and an electric motor on the inside of the driver side door, where the lock/unlock signals are positive triggers.



Figure 5.2: Feature B Wiring (Positive Trigger)

- **Orange:** Not Connected (NC)
- **White:** Closing Signal (Connect to vehicle's lock signal wire)

- **Yellow:** +12V (Connect to constant +12V)
- **Orange-black:** Not Connected (NC)
- **White-black:** Opening Signal (Connect to vehicle's unlock signal wire)
- **Yellow-black:** +12V (Connect to constant +12V)

5.2.2 Feature C: Negative Trigger System

For vehicles with a central-locking system where the lock/unlock signals are negative triggers (grounded).



Figure 5.3: Feature C Wiring (Negative Trigger)

- **Orange:** Not Connected (NC)
- **White:** Closing Signal (Connect to vehicle's lock signal wire)
- **Yellow:** Negativepole (Grounded) (Connect to vehicle chassis ground)
- **Orange-black:** Not Connected (NC)
- **White-black:** Opening Signal (Connect to vehicle's unlock signal wire)
- **Yellow-black:** Negativepole (Grounded) (Connect to vehicle chassis ground)

5.2.3 Feature D: Actuator-Based System

For vehicles that require an extra 2-wire actuator for the driver door only, typically found in older vehicles without existing central locking motors.

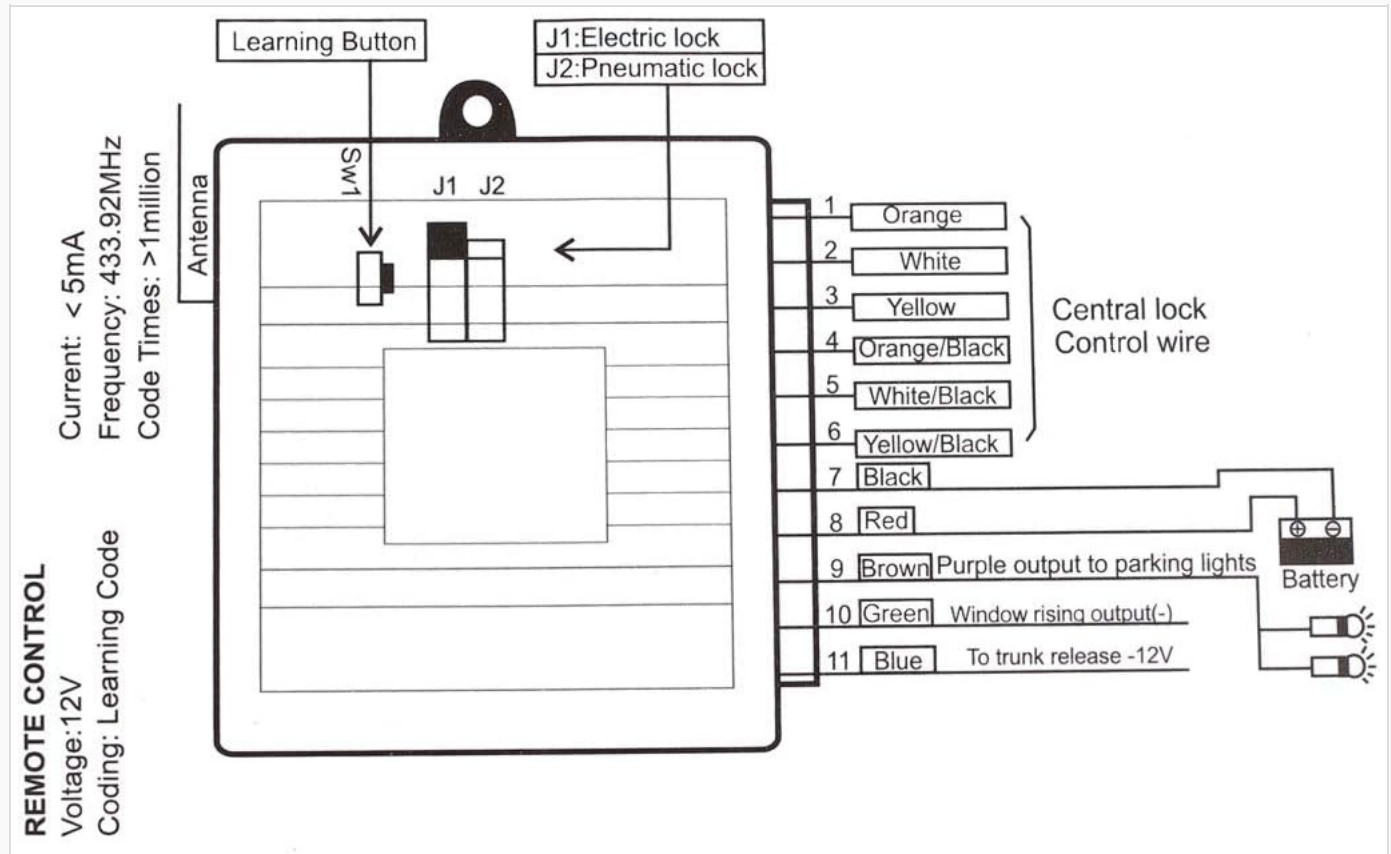


Figure 5.4: Feature D Wiring (Actuator-Based)

- **Orange:** Negative pole (Grounded) (Connect to vehicle chassis ground)
- **White:** Closing Signal (Connect to actuator's lock wire)
- **Yellow:** +12V (Connect to constant +12V)
- **Orange-black:** Negative pole (Grounded) (Connect to vehicle chassis ground)
- **White-black:** Opening Signal (Connect to actuator's unlock wire)
- **Yellow-black:** +12V (Connect to constant +12V)

6. OPERATING INSTRUCTIONS

Once installed, operate the system using the provided remote controls:

- **Lock Button ():** Press once to lock all vehicle doors. The turning lights will flash once.
- **Unlock Button ():** Press once to unlock all vehicle doors. The turning lights will flash twice.
- **Remote Trunk Release:** If connected, press and hold the unlock button for approximately 3 seconds to activate the trunk release.
- **Window Output:** If connected, the window output signal will activate for 30 seconds upon a specific remote command (refer to vehicle-specific wiring for integration).

7. LEARNING CODE (REMOTE PROGRAMMING)

If a remote control is lost, replaced, or if the system needs to be reset, you can program new remotes or re-program existing ones:

1. Open the cover of the main control unit to access the learning button.

2. Long press the learning button for 3 seconds. The vehicle's turning lights will flash, indicating the system is in learning mode.
3. Press either the lock or unlock button on the remote control within 5 seconds. The turning lights will flash once to confirm successful programming of the first remote.
4. To program additional remotes, press the lock or unlock button on the next remote. The turning lights will flash twice. Repeat for all remotes.
5. After programming all remotes, wait for 5 seconds or press the learning button again to exit learning mode.

8. TROUBLESHOOTING

- **Q: Remote unlocks the door but does not lock it after 5 minutes, but I hear clicking in the box.**
A: This indicates a need to reset or re-program the learning code. Follow the "Learning Code" instructions in Section 7.
- **Q: System does not respond to remote commands.**
A: Check the remote control batteries. Ensure the main control unit has power and ground connections. Verify the antenna is extended. Re-program the remote controls if necessary.
- **Q: Doors do not lock/unlock after installation.**
A: Double-check all wiring connections, especially the central locking wires (Orange, White, Yellow, Orange-black, White-black, Yellow-black) against your vehicle's specific central locking system type (Feature B, C, or D). Ensure the correct trigger type (positive/negative) is used. Check for blown fuses in the vehicle or on the wiring harness.

9. SPECIFICATIONS

Feature	Specification
Model Number	10
Operating Voltage	DC 12V
Current Consumption	< 5mA
Frequency	433.92MHz
Coding	Learning Code (>1 million combinations)
Item Weight	7.4 ounces
Product Dimensions	5.51 x 4.13 x 2.76 inches
Turning Light Output Time	0.1s
Unlock/Lock Pneumatic Time	3s
Electric Lock Time	0.5s
Trunk Release Time	0.5s
Window Output Time	30s

10. WARRANTY AND SUPPORT

This X AUTOHAUX product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For warranty claims or technical support, please contact your retailer or visit the X AUTOHAUX official

website. Keep your purchase receipt as proof of purchase.

Contact Information: Refer to your purchase documentation or the X AUTOHAUX brand store for the most current support details.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question