

Code Alarm CA4055

Code Alarm CA4055 Stand Alone Single Button Remote Start System User Manual

Model: CA4055

1. INTRODUCTION

The Code Alarm CA4055 is a stand-alone single-button remote start system designed to provide convenient remote engine starting for your vehicle. This system features a compact design with two 1-button 1-way transmitters, offering a reliable operating range of up to 1,500 feet. It also includes a glass-mount antenna with a built-in LED light and valet switch, along with an unlock output for added functionality.

This manual provides essential information regarding the setup, operation, maintenance, and troubleshooting of your CA4055 system. Please read it thoroughly to ensure proper use and to maximize the system's performance.

2. SETUP AND INSTALLATION

The Code Alarm CA4055 remote start system requires professional installation. Due to the complexity of vehicle electrical systems and the specific wiring requirements for remote start functionality, it is strongly recommended that installation be performed by a certified automotive electronics technician.

2.1 Key Components

- **Main Control Module:** The central processing unit of the remote start system.
- **1-Button 1-Way Transmitters (x2):** Used to send commands to the vehicle.
- **Glass-Mount Antenna:** Receives signals from the transmitters and houses the system's LED indicator and valet switch.

2.2 Professional Installation Recommendation

Attempting to install this system without proper knowledge and tools can lead to damage to the vehicle's electrical system or the remote start unit itself. A professional installer will ensure correct wiring, programming, and integration with your vehicle's specific make and model.



This image displays the primary components of the Code Alarm CA4055 remote start system. It features two compact, black single-button remote transmitters, designed for easy carrying. Also visible is the main control module, which is the central unit for the system's operations. The glass-mount antenna, which integrates an LED light and valet switch, is typically installed on the vehicle's windshield for optimal signal reception and user interaction.

3. OPERATING INSTRUCTIONS

The CA4055 system is designed for straightforward operation using its single-button transmitters.

3.1 Remote Starting Your Vehicle

1. Ensure the vehicle is in a safe, well-ventilated area and the transmission is in Park (for automatic) or Neutral with the parking brake engaged (for manual, if configured).
2. Press and hold the single button on your transmitter for approximately 2-3 seconds.
3. The vehicle's parking lights will flash, and the engine will start. The engine will run for a pre-set duration (typically 12-15 minutes) or until a shutdown command is received.
4. To turn off the engine remotely, press and hold the button again for 2-3 seconds.

3.2 Unlock Output

The system includes an unlock output. Depending on your installation and vehicle configuration, a specific button press sequence (often a quick press of the remote start button after the engine is off) may activate the vehicle's door unlock function. Consult your installer for specific details on how this feature is integrated into your vehicle.

3.3 Operating Range

The CA4055 system offers an operating range of up to 1,500 feet. Actual range may vary depending on environmental factors, vehicle location, and radio frequency interference.

4. MAINTENANCE

Regular maintenance of your remote start system is minimal but important for continued reliable operation.

4.1 Transmitter Battery Replacement

The remote transmitters are powered by AAA batteries. When the operating range decreases significantly or the transmitter's LED indicator (if present) becomes dim, it is time to replace the battery.

1. Carefully open the transmitter casing.
2. Remove the old AAA battery.
3. Insert a new AAA battery, ensuring correct polarity.
4. Close the transmitter casing securely.

4.2 General Care

- Keep transmitters dry and away from extreme temperatures.
- Avoid dropping the transmitters or subjecting them to strong impacts.
- Do not attempt to open the main control module or antenna. Refer any issues to a professional installer.

5. TROUBLESHOOTING

If you experience issues with your CA4055 remote start system, refer to the following common troubleshooting steps.

5.1 Remote Start Not Activating

- **Check Transmitter Battery:** A weak or dead battery is a common cause. Replace the AAA battery if necessary.
- **Out of Range:** Ensure you are within the 1,500 ft operating range. Obstacles and interference can reduce this range.
- **Valet Mode:** The system might be in valet mode, which disables remote start. Consult your installer on how to exit valet mode using the valet switch on the antenna.
- **Vehicle Conditions:** Ensure the vehicle's hood is closed, doors are shut, and the parking brake is engaged (if applicable). Some vehicles require specific conditions to be met for remote start to activate.

5.2 Engine Starts but Shuts Down Immediately

- This often indicates a safety input has been triggered. Check if the hood is fully closed, or if any doors are ajar.
- Low fuel or a vehicle fault can also cause immediate shutdown.

5.3 Contacting Support

If troubleshooting steps do not resolve the issue, it is recommended to contact your professional installer or Code Alarm customer support for further assistance. Provide them with your system model (CA4055) and a detailed description of the problem.

6. SPECIFICATIONS

Feature	Specification
Brand	Code Alarm
Model Name	CA4055
Connectivity Technology	Radio Frequency
Maximum Range	1500 feet
Controller Type	Button Control
Button Quantity	1 (on each transmitter)
Transmitter Type	1-Button 1-Way
Battery Type	AAA
Item Weight	16 ounces (system components)
Special Feature	Ergonomic Transmitter Design

7. WARRANTY AND SUPPORT

7.1 Warranty Information

The Code Alarm CA4055 remote start system comes with a **30-Day Warranty**. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, misuse, accidents, or unauthorized repairs.

7.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact your authorized Code Alarm dealer or the Code Alarm customer support department. When contacting support, please have your product model number (CA4055) and purchase details readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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