

Code Alarm 41800252/41201920

Code Alarm Remote Start Antenna and Cable Installation Manual

Models: CA-4050, CA-4051, CA-4053, CA-4054, CA-5050, CA-5051, CA-5053, CA-5054

Part Numbers: 41800252 (Antenna), 41201920 (Cable)

[Introduction](#)

[Compatibility](#)

[Setup](#)

[Operating](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty](#)

[Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation and proper use of the Code Alarm remote start antenna (part number 41800252) and its accompanying cable (part number 41201920). This component is designed to replace or upgrade the antenna and cable for compatible Code Alarm remote start systems, ensuring reliable communication between your remote transmitter and the vehicle's remote start module.

Please read this manual thoroughly before attempting installation or operation to ensure safety and optimal performance.

2. COMPATIBILITY

This antenna and cable assembly is compatible with the following Code Alarm remote start system models:

- CA-4050
- CA-4051
- CA-4053
- CA-4054
- CA-5050
- CA-5051
- CA-5053
- CA-5054

Compatibility with other models may vary. Consult your specific Code Alarm system's documentation or contact customer support for verification if your model is not listed.

3. SETUP AND INSTALLATION

Important Safety Information: Installation should ideally be performed by a qualified automotive technician. Disconnect the vehicle's battery before beginning any electrical work to prevent short circuits or damage to the vehicle's electrical system.

3.1. Package Contents

- Code Alarm Remote Start Antenna (Part Number 41800252)
- Antenna Connection Cable (Part Number 41201920)



Figure 1: Code Alarm Remote Start Antenna and Cable. The image displays the black antenna unit with a small button and a black cable coiled above it, featuring a multi-colored wire connector at one end.

3.2. Installation Steps

1. **Locate Existing Antenna:** Identify the current remote start antenna in your vehicle. It is typically mounted on the windshield near the rearview mirror or on the dashboard.
2. **Disconnect Old Antenna:** Carefully disconnect the cable from the existing antenna and the main remote start module. Note the routing of the cable for easier installation of the new one.
3. **Remove Old Antenna:** Gently peel off the old antenna from its mounting surface. Clean any adhesive residue from the mounting area.
4. **Prepare New Antenna:** The new antenna (41800252) typically has an adhesive backing. Peel off the protective film.
5. **Mount New Antenna:** Choose a clear, unobstructed location on the windshield, preferably high up and centered, away from metal obstructions or tinting that may interfere with signal reception. Press the antenna firmly onto the clean surface.
6. **Route New Cable:** Connect the new antenna cable (41201920) to the antenna unit. Carefully route the cable along the vehicle's headliner, A-pillar, or dashboard, tucking it neatly to avoid interference with airbags or other vehicle components.
7. **Connect to Module:** Connect the other end of the antenna cable to the designated antenna port on your Code Alarm remote start module. Ensure the connection is secure.
8. **Reconnect Battery:** Once all connections are secure and the antenna is properly mounted, reconnect the vehicle's battery.
9. **Test System:** Test the remote start system's functionality from various distances and angles to confirm proper operation and signal reception.

Note: The small button on the antenna unit is typically used for programming new remote transmitters or for valet mode functions. Refer to your specific Code Alarm remote start system's main manual for detailed instructions on these functions.

4. OPERATING INSTRUCTIONS

The antenna and cable assembly itself does not have user-operable controls beyond its role in receiving signals. Its primary function is to facilitate communication between your remote transmitter and the vehicle's remote start module.

For instructions on how to operate your Code Alarm remote start system (e.g., remote starting, locking/unlocking doors, accessing valet mode), please refer to the user manual provided with your specific Code Alarm remote start module (e.g., CA-4050, CA-5050).

The button on the antenna is typically used for system programming or valet mode activation. Consult your main system manual for specific procedures.

5. MAINTENANCE

The Code Alarm remote start antenna and cable are designed for long-term, maintenance-free operation. No routine maintenance is required for these components.

- **Cleaning:** If the antenna surface becomes dirty, gently wipe it with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners, as these may damage the unit or its adhesive.
- **Cable Inspection:** Periodically inspect the visible portions of the cable for any signs of wear, pinching, or damage. Ensure the cable remains securely connected at both the antenna and module ends.
- **Environmental Factors:** Ensure the antenna remains securely mounted and is not exposed to excessive heat, direct sunlight for prolonged periods (if not designed for it), or physical impact.

6. TROUBLESHOOTING

If you experience issues with your remote start system after installing the new antenna and cable, consider the following:

- **No Remote Response:**
 - Verify that the antenna cable is securely connected to both the antenna unit and the remote start module.
 - Check the remote transmitter's battery.
 - Ensure the vehicle's battery is fully charged and properly connected.
 - Confirm the remote start system is not in valet mode.
- **Reduced Range:**
 - Ensure the antenna is mounted in a clear, unobstructed location, away from metal or heavily tinted areas.
 - Check for any new electronic devices in the vehicle that might be causing interference.
 - Inspect the antenna cable for damage or kinks.
- **System Malfunction:**
 - Refer to your main Code Alarm remote start system manual for specific diagnostic procedures and error codes.
 - If the issue persists, professional diagnosis by a qualified technician is recommended.

7. SPECIFICATIONS

Feature	Detail
Product Type	Remote Start Antenna and Cable Assembly
Brand	Code Alarm

Feature	Detail
Antenna Part Number	41800252
Cable Part Number	41201920
Compatible Models	CA-4050, CA-4051, CA-4053, CA-4054, CA-5050, CA-5051, CA-5053, CA-5054
Item Weight	Approximately 2.64 ounces (75 grams)
Package Dimensions	Approximately 5.2 x 2.83 x 1.34 inches
Wireless Remote	Yes (component for wireless remote systems)

8. WARRANTY INFORMATION

This Code Alarm replacement part is typically covered by a limited manufacturer's warranty against defects in materials and workmanship. The specific duration and terms of the warranty may vary depending on the point of purchase and regional regulations.

Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation included with your original Code Alarm remote start system or contact Code Alarm customer support directly.

Note: Damage resulting from improper installation, misuse, or unauthorized modifications is generally not covered under warranty.

9. CUSTOMER SUPPORT

For technical assistance, installation questions, or warranty inquiries, please contact Code Alarm customer support.

- **Online Resources:** Visit the official Code Alarm website for FAQs, product manuals, and support contact information.
- **Professional Installation:** If you are uncomfortable performing the installation yourself, it is highly recommended to seek assistance from a certified automotive electronics technician.

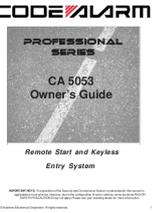
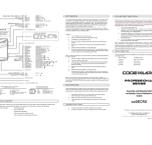
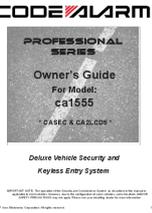
When contacting support, please have your product model numbers (e.g., CA-4050) and the antenna/cable part numbers (41800252, 41201920) readily available.

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This manual is for informational purposes only. Code Alarm is not responsible for any damages or injuries resulting from improper installation or use of this product.

Related Documents - 41800252/41201920

 <p>CODE ALARM PROFESSIONAL SERIES</p> <p>Security and Remote Start Installation Guide for models:</p> <p>CA 6151 CA 6551 CA 6551 SST</p>	<p>Code Alarm Professional Series Security and Remote Start Installation Guide</p> <p>Comprehensive installation guide for Code Alarm Professional Series remote start and security systems, covering models CA 6151, CA 6551, and CA 6551 SST. Details wire connections, harness configurations, programming features, and troubleshooting diagnostics.</p>
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 <p>CODE ALARM PROFESSIONAL SERIES CA 5053 Owner's Guide Remote Start and Keyless Entry System</p>	<p>CODE ALARM CA 5053 Owner's Guide: Remote Start and Keyless Entry System</p> <p>Comprehensive owner's guide for the CODE ALARM CA 5053 Professional Series remote start and keyless entry system, detailing features, operation, and warranty information.</p>
 <p>CODE ALARM PROFESSIONAL SERIES Security and Keyless Entry Installation Guide ca1045</p>	<p>Code Alarm CA1045 Security and Keyless Entry Installation Guide</p> <p>Comprehensive installation guide for the Code Alarm CA1045 Professional Series security and keyless entry system. Covers wire connections, feature programming, and system setup for installers.</p>
 <p>CODE ALARM PROFESSIONAL SERIES Owner's Guide ca4054 ca4554 Remote Start System</p>	<p>Code Alarm CA4054 & CA4554 Remote Start System Owner's Guide</p> <p>Comprehensive owner's guide for the Code Alarm CA4054 and CA4554 Professional Series remote start systems. Learn how to operate, troubleshoot, and maintain your system, including warranty information.</p>
 <p>CODE ALARM caSECRS Security and Remote Start Installation Guide</p>	<p>Code Alarm caSECRS Security and Remote Start Installation Guide</p> <p>This quick reference guide provides essential information for the installation and setup of the Code Alarm caSECRS Professional Series security and remote start system, detailing wiring, programming, and troubleshooting.</p>
 <p>CODE ALARM PROFESSIONAL SERIES Owner's Guide For Model: ca1555 CASEC & CA2LCD5 Deluxe Vehicle Security and Keyless Entry System</p>	<p>CODE ALARM ca1555 Deluxe Vehicle Security and Keyless Entry System Owner's Guide</p> <p>Owner's guide for the CODE ALARM ca1555 Deluxe Vehicle Security and Keyless Entry System, including models CASEC and CA2LCD5. Covers remote control functions, system arming/disarming, optional features, status indications, battery replacement, and warranty information.</p>