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## Compustar 1WG15R-FM

# Compustar 1WG15R-FM 1-Way Replacement Remote Instruction Manual

Model: 1WG15R-FM

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## 1. OVERVIEW

This manual provides instructions for the Compustar 1WG15R-FM 1-Way Replacement Remote. This remote control is designed to replace an existing 1WG15R-FM 2-Way Remote and is compatible with Compustar ANT-2WFMX antenna systems. It enables remote functions such as locking, unlocking, trunk release, and remote engine start, depending on the features installed in your vehicle's system.



Figure 1: Front view of the Compustar 1WG15R-FM remote control.

## 2. COMPATIBILITY

It is crucial to verify compatibility before purchasing and attempting to use this replacement remote. This remote is specifically designed to replace a Compustar Model 1WG15R-FM 2-Way Remote. It is **not** compatible with the 1WG15R-AM model, even if they appear visually similar. This remote requires a compatible Compustar ANT-2WFMX antenna system to function correctly.

- **Required Existing Remote:** Compustar Model 1WG15R-FM 2-Way Remote
- **Required Antenna System:** Compustar ANT-2WFMX
- **Incompatible Model:** Compustar 1WG15R-AM

### 3. SETUP

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The Compustar 1WG15R-FM remote typically requires programming to your vehicle's Compustar system. The exact programming steps may vary depending on your vehicle and the specific Compustar system installed. It is highly recommended to consult a professional installer or refer to the detailed programming guide for your specific Compustar system.

#### 3.1. General Programming Information

While specific steps are best obtained from your installer or the system's manual, general programming often involves placing the vehicle in a programming mode and then pressing buttons on the new remote. If you are replacing an existing remote, all existing remotes may need to be reprogrammed at the same time.

#### 3.2. Flashing the iDatalink BLADE Module (If Applicable)

If your Compustar system utilizes an iDatalink BLADE remote start/security bypass module, it may require flashing or updating its firmware for proper operation or to enable specific features. This process typically involves connecting the module to a computer with internet access and using the iDatalink Weblink Updater software.



*Video 1: This video demonstrates how to flash and update an iDatalink BLADE module and Compustar controller. This process is typically performed by a professional installer to ensure compatibility and proper functionality of the remote start system.*

### 4. OPERATING INSTRUCTIONS

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The Compustar 1WG15R-FM remote features a simple four-button layout for controlling your vehicle's functions. The specific actions performed by each button may vary slightly based on your vehicle's system configuration. Always ensure you are within the remote's operating range (up to 3000 feet) for reliable communication.



Figure 2: Side view of the Compustar 1WG15R-FM remote control, highlighting the four function buttons.

#### 4.1. Basic Functions

- **Lock:** Press the **Lock** button (usually the top button with a closed padlock icon) once to lock your vehicle's doors.
- **Unlock:** Press the **Unlock** button (usually the second button with an open padlock icon) once to unlock your vehicle's doors.
- **Trunk Release:** Press and hold the **Trunk** button (usually the third button with a car trunk icon) for approximately 3 seconds to open your vehicle's trunk or hatch.
- **Remote Start/Stop:** Press and hold the **Remote Start** button (usually the bottom button with a key icon or car icon) for approximately 3 seconds to remotely start or stop your vehicle's engine.

#### 4.2. Remote Start Operation Details

When using the remote start function, the vehicle's engine will typically run for a preset duration (e.g., 15 or 25 minutes) as configured by your installer. To drive the vehicle after remote starting:

1. Press the **Unlock** button on your remote to unlock the doors.
2. Enter the vehicle and insert your key into the ignition.
3. Turn the key to the "ON" or "RUN" position (do not turn to "START").
4. Press the brake pedal. The remote start system will disengage, and the vehicle will transfer to key control.

If the brake pedal is pressed before the key is turned to the "ON" position, the engine may shut off. In this case, simply start the vehicle with the key as you normally would.



*Video 2: This video illustrates the benefits of using Compustar long-range remote starters for warming up or cooling down your vehicle. It highlights the convenience of starting your vehicle remotely to achieve a comfortable cabin temperature before entry.*



*Video 3: This video demonstrates the basic operation of a Compustar remote, including locking, unlocking, trunk release, and remote engine start. While the remote shown is a Compustar Prime T9, the fundamental button presses and functions are generally applicable to other Compustar remotes like the 1WG15R-FM.*

## 5. MAINTENANCE

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The Compustar 1WG15R-FM remote control is designed for durability. To ensure its longevity and optimal performance:

- **Battery Replacement:** The remote uses a standard coin-cell battery. When the remote's range decreases or it becomes unresponsive, replace the battery. Refer to your system's full manual for specific battery type and replacement instructions.
- **Cleaning:** Wipe the remote with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Protection:** Protect the remote from extreme temperatures, direct sunlight, and moisture. Avoid dropping the remote or subjecting it to strong impacts.

## 6. TROUBLESHOOTING

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If you experience issues with your Compustar 1WG15R-FM remote, consider the following troubleshooting steps:

- **Remote Not Responding:**
  - Check the battery. Replace if necessary.
  - Ensure you are within the remote's operating range (up to 3000 feet). Obstacles and interference can reduce range.
  - Verify the vehicle's main Compustar system is powered and functioning.
- **Vehicle Does Not Remote Start:**
  - Ensure all doors, hood, and trunk are securely closed.
  - Check if the vehicle's parking brake is engaged (if required by your system).
  - Confirm the vehicle is in park (for automatic transmissions) or in reservation mode (for manual transmissions).
  - If the remote start was previously working, try reprogramming the remote to the system.
- **Inconsistent Operation:**
  - Environmental factors (e.g., strong radio interference, large metal structures) can affect performance. Try operating the remote in a different location.
  - Ensure the antenna on your vehicle is not obstructed or damaged.

For persistent issues, it is recommended to contact a certified Compustar installer or technical support.

## 7. SPECIFICATIONS

Feature	Detail
<b>Model Number</b>	1WG15R-FM (also referred to as 1WG15RFM)
<b>Brand</b>	Compustar
<b>Type</b>	1-Way Frequency Modulation (FMX) Replacement Remote Control Transmitter
<b>Operating Range</b>	Up to 3000 feet
<b>Compatible Antenna</b>	Compustar ANT-2WFMX
<b>Dimensions</b>	4.75 x 2.5 x 1.5 inches
<b>Weight</b>	1.44 ounces
<b>Color</b>	Black
<b>Special Feature</b>	Ergonomic design
<b>Max Supported Devices</b>	1 (per remote)

## 8. WARRANTY & SUPPORT

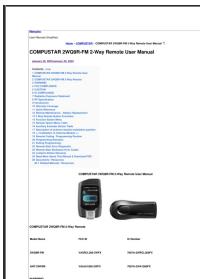
For detailed warranty information and technical support, please refer to the official Compustar website or contact your authorized Compustar dealer. Warranty terms typically cover manufacturing defects and may vary. Keep your proof of purchase for warranty claims.

**Official Website:** [www.compustar.com](http://www.compustar.com)

**Technical Support:** Consult your product packaging or the official website for the latest contact information.

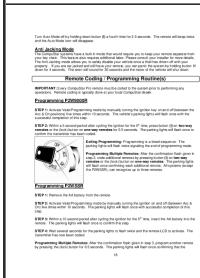
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## Related Documents - 1WG15R-FM



### [Compustar 2WQ9R-FM 2-Way Remote User Manual](#)

User manual for the Compustar 2WQ9R-FM 2-Way Remote, covering installation, operation, button functions, menus, and warranty information. Includes FCC and IC compliance details.



### [CompuStar P2W9000R & P2WSSR Remote Programming and Anti-Jacking Mode User Manual](#)

Comprehensive guide to programming CompuStar P2W9000R and P2WSSR remotes, including instructions for the Anti Jacking Mode. Learn how to code new remotes and activate panic features for your vehicle security system.



### [Firstech Compustar 1WS2R-AF ANT-1WAF Quick Start Guide](#)

Quick start guide for Firstech Compustar remote start and security systems, covering the 1WS2R-AF remote and ANT-1WAF antenna module. Includes FCC/IC compliance, button functions, remote features, LED indicators, and installation notes.



### [Compustar RF-2WR3R-FM Remote Start System Quick Start Guide](#)

A concise guide to operating the Compustar RF-2WR3R-FM remote start system, including button functions, LED indicators, and troubleshooting error codes.



### [Compustar RS1B-DC3 Remote Starter Product Guide](#)

Comprehensive product guide for the Compustar RS1B-DC3 remote starter system, covering installation, programming, diagnostics, and troubleshooting.



### [CompuStar 2W9000FMR User's Guide: Features, Functions, and Safety](#)

Comprehensive user's guide for the CompuStar 2W9000FMR alarm and remote start system. Details button functions, system options, diagnostic messages, manual transmission operation, and warranty information.