Compustar CS930-S

Compustar CS930-S Remote Start System User Manual

Model: CS930-S

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the Compustar CS930-S All-in-One Remote Start Bundle. This system offers remote start and keyless entry functionalities for automatic transmission vehicles. It includes two 1-way, 3-button G17 AM water-resistant remotes with a maximum range of 1,500 feet.

For optimal performance and safety, professional installation of this system is highly recommended. Some vehicles may require additional parts, such as a bypass module, which are sold separately.

2. PACKAGE CONTENTS

The Compustar CS930-S bundle typically includes the following components:

- Two (2) 1WG17R-AM 1-Way G17 AM Remotes
- One (1) ANT-AP 1-Way AP Antenna
- One (1) CM900-S Remote Start Control Module

Figure 2.1: Compustar CS930-S Package Contents

Description: This image displays the complete contents of the Compustar CS930-S remote start system. It features the central CM900-S control module, a comprehensive wiring harness, the ANT-AP antenna, and two G17 AM 1-way remote controls. These are the primary components required for system installation.

3. KEY FEATURES

- **Remote Start:** Start your vehicle remotely.
- **Keyless Entry:** Lock and unlock your vehicle doors.
- **Trunk Release:** Remotely open your vehicle's trunk (if supported by vehicle).
- **1-Way Communication:** Remotes send commands to the vehicle.
- **1,500 ft Max Range:** Operate the system from a distance of up to 1,500 feet.
- **Water-Resistant Remotes:** G17 AM remotes are designed to resist water exposure.
- **Diesel-Engine Safe:** Compatible with diesel vehicles.
- **Automatic Transmission Vehicles Only:** Designed exclusively for vehicles with automatic transmissions.
- **iDatalink BLADE-AL Ready:** Compatible with iDatalink BLADE-AL or BLADE-TB bypass modules (sold separately).
- **DroneMobile Ready:** The module can be paired with DroneMobile products for smartphone control (requires separate purchase and subscription).

4. Setup and Installation

The Compustar CS930-S system requires professional installation. Attempting self-installation without proper knowledge and tools may damage your vehicle's electrical system or the remote start unit, and may void your warranty.

4.1 Bypass Module (iDatalink BLADE-AL)

For most vehicles manufactured after the year 2000, a bypass module is required for the remote start system to function correctly. This module allows the remote starter to communicate with your vehicle's immobilizer system without needing a physical key. The Compustar CS930-S is iDatalink BLADE-AL ready, meaning it is compatible with the iDatalink BLADE-AL or BLADE-TB bypass modules.

Note: The iDatalink BLADE-AL bypass module is sold separately and is not included in this bundle. Your professional installer will determine if a bypass module is necessary for your specific vehicle and will program it accordingly.
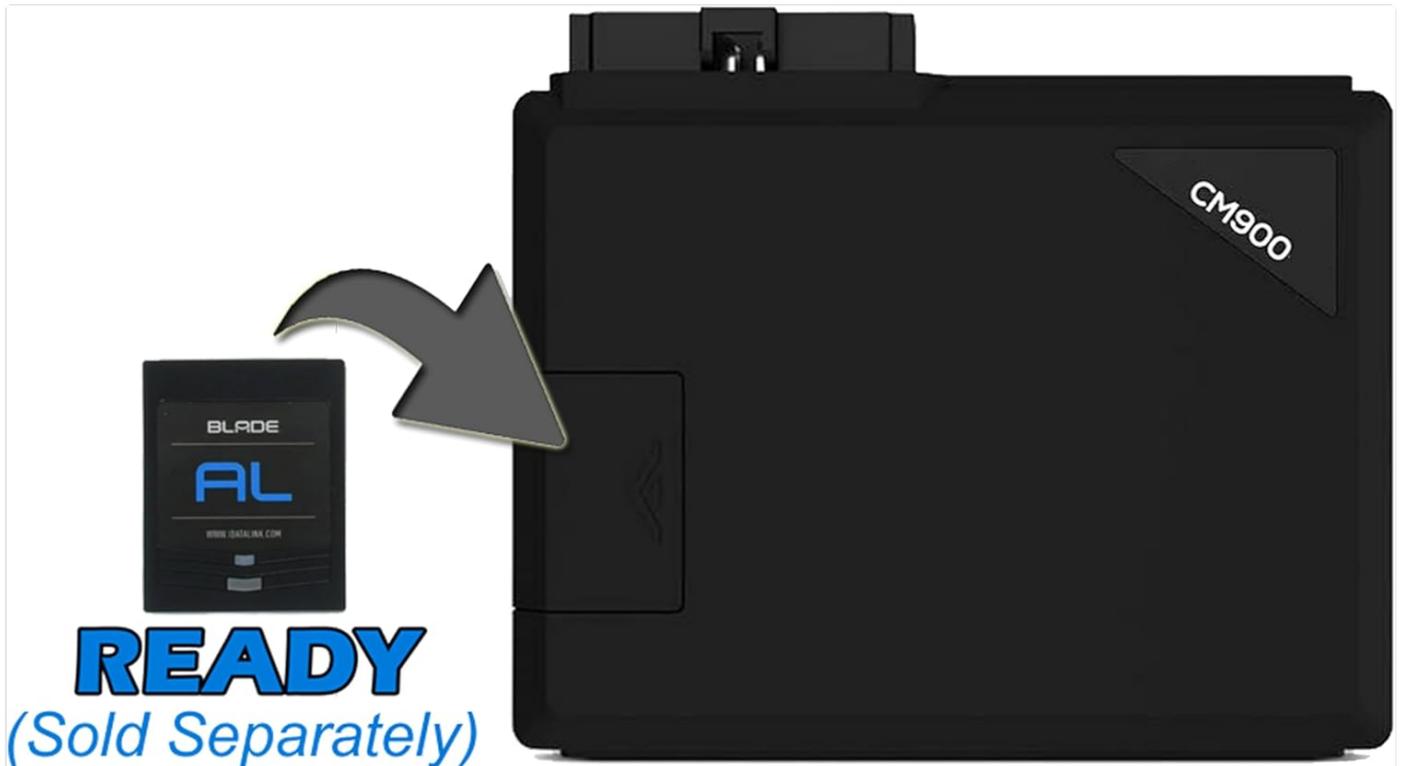

Figure 4.1: BLADE-AL Bypass Module Integration

Description: This diagram illustrates how the BLADE-AL bypass module integrates with the CM900 control module. The BLADE-AL module slides into a dedicated slot on the CM900, enabling communication with the vehicle's immobilizer system. The BLADE-AL is sold separately.

4.2 Professional Installation

Due to the complexity of vehicle electrical systems and the need for specific programming, professional installation by an authorized Compustar dealer is crucial. They possess the necessary tools, training, and technical documentation to ensure correct and safe operation of your remote start system.

Important: Ensure your installer confirms compatibility with your vehicle and addresses any additional parts required.

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Video 4.1: General Remote Start System Overview (3:39)

Description: This video provides a general overview of remote start systems, which can be helpful for understanding the basic principles of operation and installation considerations. While not specific to the CS930-S model, it offers valuable context.

5. Operating Instructions

The Compustar CS930-S system uses 1-way, 3-button remotes (G17 AM). Familiarize yourself with the remote's buttons and their functions.

Figure 5.1: G17 AM Remote Control

Description: This image shows a detailed view of the Compustar G17 AM 1-way remote control. It features three distinct buttons: a lock icon at the top, an unlock icon in the middle, and a power/start icon at the bottom. A blue LED indicator is visible at the top

of the remote.

5.1 Remote Button Functions

Button	Function	Action
Lock Icon (Top)	Lock/Arm	Press once to lock doors and arm the security system.
Unlock Icon (Middle)	Unlock/Disarm	Press once to unlock doors and disarm the security system.
Power Icon (Bottom)	Remote Start/Stop	Press and hold for approximately 2-3 seconds to remote start or stop the engine.
Unlock + Power (Simultaneously)	Trunk Release	Press and hold simultaneously for approximately 2-3 seconds to open the trunk (if configured and supported by vehicle).

Note: The exact functionality and timing for button presses may vary slightly based on your vehicle's configuration and the installer's programming.

6. MAINTENANCE

6.1 Remote Battery Replacement

The G17 AM remotes are powered by nonstandard batteries (2 included with the system). When the remote's range decreases or the LED indicator becomes dim, it may be time to replace the battery.

1. Carefully open the remote casing. Refer to your remote's specific instructions for opening procedure.
2. Remove the old battery, noting its orientation.
3. Insert the new battery with the correct polarity.
4. Close the remote casing securely.

Caution: Use only the specified battery type. Improper battery replacement may damage the remote.

6.2 General Care

- Keep remotes away from extreme temperatures and direct sunlight.
- Avoid dropping the remotes or exposing them to excessive force.
- Although water-resistant, avoid submerging the remotes in water.
- Clean the remotes with a soft, dry cloth. Do not use harsh chemicals.

7. TROUBLESHOOTING

If you experience issues with your Compustar CS930-S system, consider the following common troubleshooting steps:

- **Remote Not Responding:**
  - Check the remote battery. Replace if necessary.
  - Ensure you are within the 1,500 ft operating range.
  - Verify there are no major obstructions between the remote and the vehicle.
- **Remote Start Fails:**
  - Ensure the vehicle is in park and the parking brake is engaged (if required by installation).
  - Check if the vehicle's hood is closed securely.

- Confirm all doors are closed.
- Verify the vehicle's battery is charged.
- If the vehicle has a manual transmission, ensure the "reservation mode" (if applicable) was properly set before exiting the vehicle. (Note: CS930-S is for automatic transmission only, but this is a general remote start troubleshooting tip).

- **System Not Locking/Unlocking:**

  - Check remote battery.
  - Ensure you are within range.
  - Verify all doors are fully closed.

For persistent issues or complex problems, it is recommended to contact your authorized Compustar installer or Compustar customer support. Do not attempt to repair the main control module yourself.

8. SPECIFICATIONS

Feature	Detail
Model Number	CS930-S
Remote Type	Two (2) 1-Way, 3-Button G17 AM Water-Resistant Remotes
Max Range	1,500 feet
Compatibility	Automatic Transmission Vehicles Only, Diesel-Engine Safe
Bypass Module Ready	iDatalink BLADE-AL / BLADE-TB (Sold Separately)
DroneMobile Ready	Yes (Requires separate purchase and subscription)
Product Dimensions	8 x 3.5 x 5 inches
Item Weight	1.43 pounds
Batteries	2 Nonstandard Battery batteries required (included)

9. WARRANTY AND SUPPORT

9.1 Warranty Information

- **Remote Warranty:** 1-Year Limited Warranty on remotes.
- **System Warranty:** Limited Lifetime System Warranty on the main control module (CM900-S).

Warranty coverage typically applies to defects in materials and workmanship under normal use. Specific terms and conditions apply and may require proof of professional installation. Please refer to the official Compustar warranty documentation for complete details.

9.2 Customer Support

For technical assistance, warranty claims, or further information, please contact your authorized Compustar dealer or visit the official Compustar website.

Website: www.compustar.com