

## Directed 28628

# Directed DESIGNTech 28628 Remote Control Car Starter User Manual

Model: 28628

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Directed DESIGNTech 28628 Remote Control Car Starter. This system is designed to offer convenience and security features including remote engine start, keyless entry, and an integrated alarm system. The AutoCommand OEM Series DELUXE system is engineered for automatic transmission, fuel-injected vehicles only.

Key features include:

- Up to 1,000-foot operating range.
- Programmed with one of 16 million different security codes for enhanced protection.
- Transmitter confirmation light for operational feedback.
- Long-life lithium battery in the remote control.
- Ability to control up to four vehicles equipped with the AutoCommand system.

## 2. SAFETY INFORMATION

### PLEASE READ COMPLETELY BEFORE BEGINNING

Proper installation and operation are crucial for the safe and effective use of this product. Please observe the following safety guidelines:

- This system is designed exclusively for **automatic transmission and fuel-injected vehicles only**. Attempting to install it in a manual transmission vehicle can lead to unintended vehicle movement and serious injury.
- Ensure the vehicle is in **Park** and the **hood is closed** before attempting to remote start the engine.
- Never operate the remote start feature in an enclosed area without proper ventilation. Exhaust fumes are dangerous.
- Professional installation by a qualified technician is highly recommended to ensure correct wiring and functionality.
- Always keep remote controls out of reach of children.

### 3. SETUP AND INSTALLATION

The DESIGNTECH 28628 Remote Control Car Starter is an advanced system requiring precise electrical connections. Due to the complexity of vehicle wiring and the critical safety features involved, **professional installation is strongly recommended**.

The product package typically includes:

- Main control unit.
- Two remote control transmitters.
- Wiring harnesses and connectors.
- Installation guide (often includes a detailed wiring diagram).

For detailed wiring instructions, refer to the specific installation guide provided with your unit. A wiring diagram is essential for proper setup.



**Image 1:** Packaging for the AutoCommand OEM Series Deluxe remote control car starter. The box highlights features such as a 1,000-foot range and lists functions like remote control, car starter, keyless entry, alarm, and personal protection. A white SUV and the remote are prominently displayed.





**Image 2:** Contents of the AutoCommand car starter kit. The image shows two remote control key fobs, various colored wiring harnesses bundled together, and an instruction manual or installation guide visible inside the box. This illustrates the components included for installation.

## 4. OPERATING INSTRUCTIONS

Your remote control transmitter provides access to various functions of the DESIGNTECH 28628 system.

### 4.1 Remote Engine Start

- Ensure the vehicle is in **Park** and the **hood is closed**.

- Press and hold the designated start button on your remote control for approximately **six seconds**, but no longer than ten seconds.
- The vehicle will start and run the heater, defroster, or air conditioner to warm or cool the interior, based on previous settings.
- The system allows you to remove the key from the ignition while the car is running with the doors locked, providing convenience and security.

## 4.2 Keyless Entry and Alarm Functions

- Use the lock/unlock buttons on the remote for keyless entry.
- The system includes alarm functions, such as a starter kill feature, which activates when the car is locked with the remote control. This prevents the car from being driven without the key in the ignition.
- Refer to your remote control's specific button layout for arming/disarming the alarm and personal protection features.

## 4.3 Advanced Features

- **Automatic Cold Start:** The system can be configured to automatically start the car whenever the ambient temperature drops below 20 degrees Fahrenheit (-6.7 degrees Celsius).
- **Daily Start:** This feature allows the vehicle to be started at the same time every day, providing consistent pre-conditioning.
- The system is microprocessor-controlled for reliable service.

# 5. MAINTENANCE

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## 5.1 Remote Control Battery Replacement

The remote control transmitters use a long-life lithium battery. When the transmission confirmation light becomes dim or the range decreases significantly, it may be time to replace the battery. Refer to the remote control's specific instructions for battery type and replacement procedure.

## 5.2 General Care

Keep the remote control dry and avoid exposing it to extreme temperatures or direct sunlight for extended periods. Clean the remote with a soft, dry cloth.

# 6. TROUBLESHOOTING

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If you experience issues with your DESIGNTECH 28628 system, consider the following common troubleshooting steps:

- **Remote not responding:** Check the remote control battery. Replace if necessary.
- **Reduced range:** This could indicate a low remote battery or environmental interference.
- **Car not starting remotely:** Ensure the vehicle is in Park and the hood is fully closed. Verify that the vehicle's battery is charged.
- **Alarm false triggers:** Check for loose wiring or sensors if the alarm frequently triggers without cause. This may require professional inspection.

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

# 7. SPECIFICATIONS

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Feature	Specification
Brand	Directed
Model Number	28628
Manufacturer	DESIGNTECH
Item Weight	3.3 pounds
Package Dimensions	9 x 6.5 x 4.5 inches
Remote Control Included	Yes
First Available	November 23, 2005
UPC	088797286289

## 8. WARRANTY INFORMATION

The Directed DESIGNTECH 28628 Remote Control Car Starter is backed by a **Limited Lifetime Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims. For full details regarding warranty terms and conditions, refer to the documentation included with your product or contact Directed customer support.

## 9. SUPPORT

For technical assistance, installation questions, or troubleshooting beyond the scope of this manual, please contact Directed technical support. You may find additional resources and contact information on the official websites:

- **Website:** [www.designtech-usa.com](http://www.designtech-usa.com)
- **Website:** [www.directed.com](http://www.directed.com)

When contacting support, please have your product model number (28628) and any relevant crash codes, such as **DSH 26532**, available.