

[manuals.plus](#) /› [EASYGUARD](#) /› [EASYGUARD ERS001 Remote Starter Module User Manual](#)

EASYGUARD ERS001

EASYGUARD ERS001 Remote Starter Module User Manual

Model: ERS001

1. INTRODUCTION

The EASYGUARD ERS001 is a universal remote starter module designed for key start DC12V vehicles. It is compatible with both automatic and manual transmission vehicles, as well as diesel and gasoline engines. This module allows you to remotely start or stop your vehicle using your existing factory original remote control or an aftermarket remote control. This kit does not include a separate remote control.

2. MAIN FEATURES

- **Remote Engine Start & Stop:** Utilize your vehicle's existing key fobs or aftermarket key fobs to remotely start and stop the engine.
- **Compatibility:** Designed to be compatible with your car's existing alarm system or keyless entry system.
- **Adjustable Engine Start Time:** The remote engine start duration can be set to either 10 or 20 minutes (default is 10 minutes).
- **Automatic Vehicle Lock:** The vehicle will automatically lock after a successful remote start.
- **Immobilizer Bypass Requirement:** If your vehicle has a chip immobilizer in its original remote, an additional bypass module (e.g., ASIN: B07NSLPBG7 or B00MEHBVIC) is required for proper function.



Compatible with your car alarm or keyless Entry system



Use your existed remote to start or stop

Image: Illustration of remote engine start as a main feature.

Main Features



Remote Engine Start

Image: Diagram highlighting remote engine stop as an optional feature and a note regarding immobilizer bypass.



Fit for automation & manual transmission, diesel & gas engine DC12V cars



Remote start/stop method:

Continue to press existed remote unlock button 3 times will remote start/stop

Note:

There is no remote in the kit, you need to use your original or aftermarket remote to remote start/stop the car

Image: Visual representation of the module's compatibility with existing car alarm or keyless entry systems.

3. PACKAGE CONTENTS

The EASYGUARD ERS001 package includes the following components:

- ERS001 Control Module
- 6-pin Ignition Wire Harness
- Main Wire Harness
- Engine Cut-off Switch Wire



Image: The main control module and the included wire harnesses.

The wire harness



6pin ignition wire



Main wire



Engine cut off switch

Image: A detailed view of the individual wire harnesses: 6-pin ignition wire, main wire, and engine cut-off switch.

The control module



Image: Close-up views of the ERS001 control module from different angles.

4. INSTALLATION INSTRUCTIONS

Professional Installation Recommended: This remote starter should be installed by a professional installer. Incorrect installation can lead to vehicle damage or malfunction.

Safety Precautions:

- Always measure voltage with a voltmeter before making connections.
- Connect all cables properly before plugging them into the starter module control box.

- Ensure all connections are secure to prevent short circuits or loose contacts.

Immobilizer Bypass: If your car's original remote has a chip immobilizer, an additional bypass module is required. This bypass module should be placed where the keyhole senses the chip, otherwise the car will not start.

Product Specifications

Working voltage	DC 10-15V
Standby current	<5mA Working current: 30A
Working temperature	-40 degrees— +80 degrees
Shell material	flame-retardant ABS

Installation instructions

This remote starter should be installed in a professional installer shop. The voltage should be measured with a voltmeter. When installing, connect the cable first, make sure that the cable is connected properly, and then plug in the starter module control box. Must pay attention to importance to safety.

Installation location

It is best to fix it in a dry place with glue or the like; It is best to be near the fuse box, which is the place above the foot brake.

When the product is installed in a car with a chip anti-theft, the chip should be stuck to the place sensed by the keyhole, otherwise the car will not start.

Image: Visual guide detailing installation instructions and product specifications.

5. INSTALLATION LOCATION

It is recommended to fix the module in a dry place using adhesive or similar methods. A suitable location is often near the fuse box, which is typically located above the foot brake.

6. OPERATING INSTRUCTIONS

To remotely start or stop your vehicle using your existing remote control:

1. Ensure the vehicle is in a locked state.
2. Press the unlock button on your original remote control three (3) consecutive times.
3. Pressing the button too fast or too slow may prevent the command from registering. Aim for approximately one second per press.

Note: The remote engine cut-off function is only applicable to vehicles that can disarm or unlock when the key is turned to the ON position.



Remote engine Stop(optional)

Note: The remote engine cut off function only fit for vehicles that can disarm/unlock when turn the key to ON position.

If there is chip immobilizer in car original remote, please add a bypass module.

Image: Illustration demonstrating the remote start/stop method by pressing the unlock button three times.

7. TROUBLESHOOTING

If you encounter issues with your EASYGUARD ERS001 Remote Starter Module, consider the following:

- **Vehicle Not Starting:** Verify all wiring connections are secure and correct. Check if a bypass module is needed and properly installed for vehicles with chip immobilizers.
- **Remote Command Not Responding:** Ensure you are pressing the unlock button on your remote control three times with consistent timing (approximately one second per press). Check the battery in your remote control.
- **Engine Cuts Off Unexpectedly:** Confirm that your vehicle supports the remote engine cut-off function (i.e., it can disarm/unlock when the key is in the ON position).
- **General Malfunction:** Re-check all installation steps. If problems persist, consult with a professional automotive electrician or the product manufacturer for assistance.

8. SPECIFICATIONS

Specification	Value
Working Voltage	DC 10-15V
Standby Current	<5mA
Working Current	30A
Working Temperature	-40°C to +80°C (-40°F to +176°F)
Shell Material	Flame-retardant ABS
Item Weight	7.1 ounces (201 grams)
Package Dimensions	3.94 x 1.97 x 0.79 inches (10 x 5 x 2 cm)

Main Features:

- Remote Engine Start
- Remote engine Stop(optional)

Note: The remote engine cut off function only fit for vehicles that can disarm/unlock when turn the key to ON position.

**Realize
Multiple
Functions**

No damage
to the car



Image: Table summarizing the product's technical specifications.

© 2023 EASYGUARD. All rights reserved.