Cardone 72-1603

Cardone 72-1603 Remanufactured Engine Control Computer Module User Manual

Model: 72-1603 | Brand: Cardone

Introduction

This manual provides essential information for the Cardone 72-1603 Remanufactured Engine Control Computer Module (ECC/ECM). This unit is designed to meet or exceed original equipment performance specifications, ensuring a precise fit and reliable operation in your vehicle. Each module undergoes rigorous testing to guarantee functionality and durability. The remanufacturing process involves reverse engineering to identify and correct original design weaknesses, with critical components re-soldered or replaced. This commitment to quality ensures superior electrical connections and extended product life.



Image: Front view of the Cardone 72-1603 ECC/ECM, showing the connector ports.

Setup and Installation

The Cardone 72-1603 ECC/ECM is a direct-fit remanufactured Original Equipment part. Proper installation is crucial for optimal performance and vehicle safety.

- **Professional Installation Recommended:** Due to the complexity of vehicle electronic systems, installation by a certified automotive technician is highly recommended. Refer to your vehicle's specific service manual for detailed installation procedures.
- **Electrical Connections:** Ensure all electrical connections are clean, secure, and properly seated. Re-soldering of critical components during remanufacturing enhances connection integrity, but proper installation is still vital.
- **Battery Disconnection:** Always disconnect the vehicle's battery before beginning any electrical component installation to prevent damage to the vehicle's systems or the new module.
- **Programming:** Some ECC/ECM units may require programming or "re-learning" procedures after installation to synchronize with the vehicle's other control modules. Consult your vehicle's service manual or a qualified technician for these steps.



Image: Top view of the Cardone 72-1603 ECC/ECM.

Operating the ECC/ECM

The Engine Control Computer Module (ECC/ECM) is an integral part of your vehicle's engine management system. It operates automatically, controlling various engine functions based on sensor inputs. There are no direct user controls for this module.

Once properly installed and, if necessary, programmed, the ECC/ECM will manage critical aspects such as fuel injection, ignition timing, emissions control, and transmission shifting (in some applications) to ensure optimal engine performance and efficiency.

Maintenance

The Cardone 72-1603 Remanufactured ECC/ECM is designed to be a maintenance-free component. Regular user maintenance is not required for the module itself.

To ensure the longevity and proper functioning of your ECC/ECM and overall vehicle, adhere to your vehicle manufacturer's recommended maintenance schedule. This includes regular checks of the electrical system, battery, and other engine components that interact with the ECC/ECM.

Troubleshooting

If you experience issues after installing the Cardone 72-1603 ECC/ECM, consider the following:

- **Diagnostic Trouble Codes (DTCs):** Use an OBD-II scanner to check for any stored diagnostic trouble codes. These codes can provide valuable information about the nature of the problem.
- **Wiring and Connections:** Double-check all wiring harnesses and connectors to ensure they are fully seated and free from corrosion or damage.
- **Programming:** Confirm that the ECC/ECM has been correctly programmed or synchronized with your vehicle, if required.
- **Other Components:** An ECC/ECM often receives input from numerous sensors. A fault in another sensor or component can manifest as an ECC/ECM issue. Professional diagnosis is recommended to isolate the root cause.
- **Unit Testing:** Each Cardone ECC/ECM is 100% computer tested to ensure reliability before shipment. If you suspect a defect in the module itself, refer to the warranty information.



Image: Side view of the Cardone 72-1603 ECC/ECM, showing a barcode label.

Specifications

Feature	Detail
Brand	Cardone
Model Number	72-1603
Part Type	Remanufactured Engine Control Computer Module (ECC/ECM)
Item Weight	1.5 pounds
Product Dimensions	10.25 x 6.5 x 2.25 inches
Manufacturer Part Number	72-1603

Feature	Detail
OEM Part Number	8966135870

Warranty and Support

Cardone stands behind the quality of its remanufactured products.

- **Return Policy:** This product typically comes with a 365-day return policy for refund or replacement. Please refer to your purchase documentation for specific terms and conditions.
- **Technical Support:** For technical assistance, installation questions, or warranty claims, please contact Cardone customer support directly. Visit the official Cardone website for contact information.
- **Core Return:** As a remanufactured part, a core return may be required. Returning your old part helps reduce waste and conserve resources. Refer to the rebate form or packaging for instructions on how to return your old part and any potential core charge refunds.

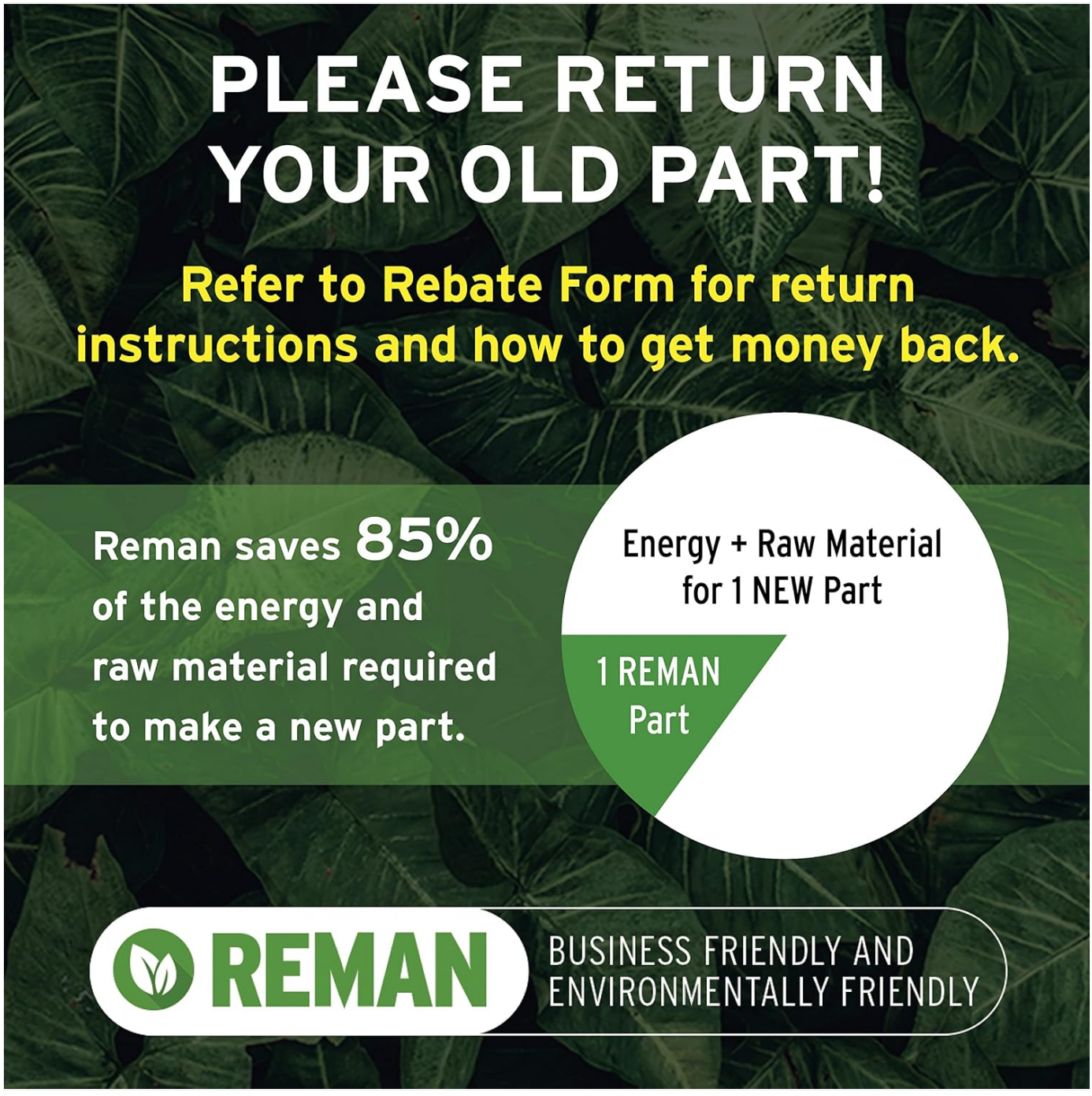


Image: Information graphic emphasizing the importance of returning the old part and the environmental benefits of remanufacturing, stating "Reman saves 85% of the energy and raw material required to make a new part."

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For more information, visit Cardone's official website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question