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Cardone 84-S2801

Cardone 84-S2801 New HEI Electronic Distributor and Module Instruction Manual

Model: 84-S2801 | Brand: Cardone

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Cardone 84-S2801 New HEI Electronic Distributor and Module. Please read these instructions carefully before proceeding with installation or use to ensure proper function and longevity of the product.





Figure 1: Front view of the Cardone 84-S2801 New HEI Electronic Distributor and Module.

The Cardone 84-S2801 is a new HEI (High Energy Ignition) electronic distributor designed to deliver precise voltage to spark plugs, ensuring optimal engine performance. It is manufactured with CARDONE Engineered Technology, which focuses on identifying and correcting original design weaknesses for enhanced reliability.

2. Key Features

The Cardone 84-S2801 distributor offers the following features:

- **Complete Assembly:** Each distributor includes the cap and rotor for straightforward installation.
- **Included Accessories:** Dust covers and gaskets are provided for convenience, particularly for Honda applications.
- **Computer Tested:** Fully computer tested to ensure guaranteed, long-lasting performance and reliability.
- **Guaranteed Fit and Function:** Engineered to meet or exceed OEM specifications for a precise fit and reliable operation.

- **OEM Performance:** Designed to meet or exceed Original Equipment Manufacturer (OEM) performance standards.

3. Setup and Installation

Proper installation is crucial for the optimal performance of your new distributor. It is recommended that installation be performed by a qualified automotive technician.

3.1 Pre-Installation Checks

1. Ensure the vehicle's battery is disconnected before beginning any work.
2. Verify that the new distributor (Cardone 84-S2801) matches the specifications for your vehicle.
3. Inspect the new distributor for any visible damage from shipping.





Figure 2: Side view of the Cardone 84-S2801 distributor, showing the shaft and gear.

3.2 Installation Steps (General)

1. Carefully remove the old distributor, noting the rotor position and engine timing.
2. Align the new Cardone 84-S2801 distributor with the engine's timing marks.
3. Insert the new distributor into the engine block, ensuring the gear meshes correctly.
4. Secure the distributor in place with the retaining bolt.
5. Connect all electrical connectors and vacuum lines (if applicable).
6. Re-connect the battery and perform initial engine timing adjustments as per vehicle manufacturer specifications.



Figure 3: Close-up view of the Cardone 84-S2801 distributor, highlighting the model number label.

4. Operation

Once installed and properly timed, the Cardone 84-S2801 distributor operates automatically as part of your vehicle's ignition system. It is designed to accurately distribute high voltage from the ignition coil to the correct spark plug at the precise moment, ensuring efficient combustion.
No user intervention is required for its daily operation beyond initial setup and timing. Regular vehicle maintenance, including spark plug and ignition wire inspection, will help ensure the distributor's continued optimal performance.

5. Maintenance

The Cardone 84-S2801 distributor is designed for long-lasting, maintenance-free operation. However, periodic checks of related components can help ensure its longevity and proper function.

- **Ignition Wires:** Inspect ignition wires for cracks, fraying, or signs of arcing. Replace as needed.
- **Spark Plugs:** Check spark plugs for wear and proper gap according to your vehicle's service manual.
- **Distributor Cap and Rotor:** While the unit comes with a new cap and rotor, these are wear items. Inspect them during routine maintenance for carbon tracking, corrosion, or excessive wear. Replace if necessary.
- **Electrical Connections:** Ensure all electrical connections to the distributor are clean, tight, and free from corrosion.

6. Troubleshooting

If you experience issues after installing the Cardone 84-S2801 distributor, consider the following common troubleshooting steps:

Symptom	Possible Cause	Solution
Engine Cranks but Won't Start	Incorrect timing, faulty electrical connection, or damaged cap/rotor.	Verify engine timing. Check all electrical connections. Inspect distributor cap and rotor for damage.
Rough Idling or Misfires	Incorrect timing, worn spark plugs/wires, or vacuum leak.	Check and adjust timing. Inspect spark plugs and ignition wires. Check for vacuum leaks.
Poor Engine Performance	Sub-optimal timing, issues with other ignition components.	Ensure timing is set correctly. Consult a professional for a full diagnostic.

For persistent issues, it is recommended to consult a certified automotive technician or contact Cardone customer support.

7. Specifications

Key specifications for the Cardone 84-S2801 New HEI Electronic Distributor and Module:

Manufacturer: Cardone Select

Brand: Cardone

Model Number:	84-S2801
Item Weight:	1.41 pounds
Product Dimensions:	10.75 x 6.5 x 7.13 inches
OEM Part Number:	F7TZ12A362AA
ASIN:	B001PH9HKQ



Figure 4: Full side view of the Cardone 84-S2801 distributor, showing overall dimensions.

8. Warranty and Support

Cardone products are backed by CARDONE Engineered Technology, ensuring quality and reliability. For specific warranty information, please refer to the warranty documentation included with your purchase or visit the official Cardone website.

For technical support, installation assistance, or warranty claims, please contact Cardone customer service. You can often find contact information on the product packaging or on the Cardone Brand Store on Amazon.

9. Important Notes

Safety First:

- Always wear appropriate personal protective equipment (PPE) when working on vehicles.
- Ensure the vehicle is securely supported if lifted.
- Disconnect the battery before performing any electrical work.

This manual is intended as a general guide. Always refer to your vehicle's specific service manual for detailed instructions and safety precautions relevant to your make and model.

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