

ENA UF-414 D514A 5C1555

ENA UF-414 D514A 5C1555 Ignition Coil Pack Instruction Manual

For Chevrolet, GMC, Pontiac, Cadillac, and Hummer Vehicles

1. INTRODUCTION

This instruction manual provides essential information for the proper installation and maintenance of your ENA UF-414 D514A 5C1555 Ignition Coil Pack. These ignition coils are designed as direct replacements for specific vehicle models, ensuring reliable performance and compatibility. Please read this manual thoroughly before proceeding with installation.

2. SAFETY INFORMATION

Always observe the following safety precautions when working on your vehicle's ignition system:

- Ensure the vehicle's engine is off and cool before beginning any work.
- Disconnect the negative terminal of the vehicle's battery to prevent electrical shock and accidental engine starting.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Keep all tools and loose clothing away from moving engine parts.
- Refer to your vehicle's service manual for specific procedures and torque specifications.

3. PACKAGE CONTENTS

Your ENA Ignition Coil Pack package should contain the following items:


- 4 x ENA Round Ignition Coils (UF-414 / D514A / 5C1555)



Image 3.1: Four ENA Round Ignition Coils as included in the package.

4. PRODUCT OVERVIEW AND COMPATIBILITY



The ENA UF-414 Ignition Coil Pack is designed for optimal performance in compatible vehicles. It features a round design, which is crucial for correct fitment. Please verify that your vehicle requires the UF-414 (round) type coil, not the UF-413 (square) type.

ENA 

Ignition Coil

Delivering durable aftermarket solutions for your vehicle

PLEASE CHECK BEFORE PURCHASING!

The advertisement banner features the ENA logo with a star, the product name 'Ignition Coil', and a warning to check compatibility. It includes icons for a correct fit (green checkmark) and an incorrect fit (red X).

Image 4.1: Visual comparison of the correct UF-414 round coil versus an incorrect UF-413 square coil.

Key Specifications:

- **Connector Gender:** Male
- **Mount Type:** Bolt-On
- **Terminal Type:** Blade
- **Operating Voltage:** 12V



Image 4.2: Detailed view of the ignition coil's connector and other specifications.

Vehicle Compatibility:

This ignition coil pack is compatible with a wide range of Chevrolet, GMC, Cadillac, Hummer, and Pontiac vehicles. Always confirm compatibility using your vehicle's specific year, make, and model.

3. **Disconnect Electrical Connector:** Carefully disconnect the electrical connector from the old ignition coil.
4. **Remove Fasteners:** Remove any bolts or fasteners securing the old ignition coil in place.
5. **Remove Old Coil:** Gently pull the old ignition coil straight up to remove it from the spark plug.
6. **Install New Coil:** Insert the new ENA ignition coil into the spark plug well, ensuring it seats properly.
7. **Secure New Coil:** Reinstall any bolts or fasteners to secure the new ignition coil.
8. **Reconnect Electrical Connector:** Reconnect the electrical connector to the new ignition coil, ensuring a secure connection.
9. **Repeat for all Coils:** Repeat these steps for all ignition coils being replaced.
10. **Final Steps:** Reconnect the negative battery terminal. Start the engine and check for proper operation.




Image 5.2: An example of an ignition coil being installed in an engine bay.

Attention: It is recommended to seek assistance from a qualified mechanic if you lack an installation manual or the necessary skills to install the part.

Installation

Quick and easy direct installation, effortless setup. Perfect fit right out of the box.



Internal structure

- 1 Terminal
- 2 Primary coil
- 3 Core(Iron core)
- 4 Epoxy resin
- 5 Spring




Image 5.3: Professional assistance is recommended for complex installations.

6. MAINTENANCE

Ignition coils are generally maintenance-free components. However, regular vehicle maintenance, including spark plug replacement at recommended intervals, can help prolong the life of your ignition coils. Inspect electrical connectors for corrosion or damage during routine checks.

7. TROUBLESHOOTING COMMON ISSUES

If you experience issues after installing new ignition coils, consider the following:

- **Check Connections:** Ensure all electrical connectors are securely attached to the coils and that the coils are properly seated on the spark plugs.
- **Verify Compatibility:** Double-check that the installed coils are the correct part number and type (UF-414 round) for your specific vehicle.
- **Diagnostic Trouble Codes (DTCs):** Use an OBD-II scanner to check for any stored diagnostic trouble codes. Codes like P030X (where X is a cylinder number) indicate a misfire, which could be related to an ignition coil.
- **Spark Plugs:** Ensure spark plugs are in good condition and correctly gapped. Faulty spark plugs can lead to premature coil failure.
- **Professional Diagnosis:** If issues persist, it is advisable to have the vehicle diagnosed by a qualified mechanic.

8. WARRANTY INFORMATION

ENA provides a **1 Year Limited Warranty** on this ignition coil pack. This warranty covers defects in materials and workmanship under normal use. For warranty claims or further details, please refer to the original purchase documentation or contact ENA customer support.

9. SUPPORT

For technical assistance, installation questions, or warranty inquiries, please contact ENA customer support through the retailer where the product was purchased or visit the official ENA website for contact information.

