

nvduq2803-19245

# Ignition Coil Module User Manual

For Pramac Lifer 9500 Watts Generator model# S10000 SVEP

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the replacement Ignition Coil Module. This module is designed for use with Pramac Lifer 9500 Watts Generators, specifically model S10000 SVEP. Please note that this is a replacement part and not a genuine OEM component. Always compare the appearance and size of this module with your original part before installation to ensure compatibility.

## 2. SAFETY INFORMATION

- **Always disconnect the generator's spark plug wire and battery (if applicable) before performing any maintenance or installation.**
- Ensure the generator is completely cool before handling any components.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation.
- If you are unsure about any step, consult a qualified technician.
- Keep children and pets away from the work area.

## 3. PACKAGE CONTENTS

Verify that all items listed below are present in your package:

- 1 x Ignition Coil Module (as pictured)



*Image 1: The Ignition Coil Module as received in its protective packaging. The module is partially visible, wrapped in bubble wrap inside a white cardboard box.*

## 4. SETUP AND INSTALLATION

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This section outlines the general steps for replacing an existing ignition coil module. Specific procedures may vary slightly depending on your generator's exact configuration. Always refer to your generator's original service manual for detailed instructions.

### 1. Preparation:

- Ensure the generator is turned off and has cooled down completely.
- Disconnect the spark plug wire from the spark plug.
- If your generator has a battery, disconnect the negative terminal.
- Locate the existing ignition coil module on your generator. It is typically mounted near the flywheel.

### 2. Removal of Old Module:

- Carefully disconnect any wires or connectors attached to the old ignition coil module.
- Unscrew the mounting bolts or fasteners that secure the old module to the engine block.
- Gently remove the old ignition coil module.

### 3. Installation of New Module:

- Compare the new ignition coil module with the old one to confirm they are visually similar in size and mounting points.
- Position the new ignition coil module in the same location as the old one.
- Secure the module using the original mounting bolts or fasteners. Ensure it is firmly attached.
- Connect all wires and connectors to the new module, ensuring they are properly seated and secure.

- **Important:** Some installations may require minor adjustments for proper fitment. Ensure there is a correct air gap between the coil and the flywheel magnets as specified by your generator's service manual. This often involves using a feeler gauge.

#### 4. Final Steps:

- Reconnect the spark plug wire to the spark plug.
- If disconnected, reconnect the generator's battery.
- Attempt to start the generator to verify proper operation.

## 5. OPERATING PRINCIPLES

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The ignition coil module is a critical component of a generator's ignition system. Its primary function is to transform the low voltage from the generator's charging system into the high voltage required to create a spark at the spark plug. This spark ignites the fuel-air mixture in the engine's cylinder, initiating combustion and allowing the generator to run.

A properly functioning ignition coil module ensures consistent and strong spark delivery, which is essential for efficient engine performance, reliable starting, and reduced emissions. This replacement module is designed for high precision, low noise operation, and high temperature resistance, contributing to the overall durability and performance of your generator's ignition system.

## 6. MAINTENANCE

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The ignition coil module itself typically requires minimal maintenance. However, regular inspection of related components can help ensure its longevity and proper function:

- **Spark Plug:** Regularly inspect and replace the spark plug according to your generator's maintenance schedule. A worn or fouled spark plug can put undue stress on the ignition coil.
- **Wiring:** Check all wiring connected to the ignition coil module for signs of wear, fraying, or corrosion. Ensure all connections are clean and secure.
- **Cleanliness:** Keep the area around the ignition coil module clean and free of debris, oil, and dirt, which can interfere with its operation or cause overheating.
- **Air Gap:** Periodically verify the air gap between the ignition coil and the flywheel magnets, especially if you experience starting issues.

## 7. TROUBLESHOOTING

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If you encounter issues after installing the new ignition coil module, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Generator does not start or has weak spark.	Incorrect air gap between coil and flywheel.	Adjust the air gap according to generator specifications (typically 0.010-0.014 inches or 0.25-0.35 mm).
Generator starts but runs rough or misfires.	Loose or corroded wiring connections.	Check all electrical connections to the module and spark plug. Clean and secure as needed.
No spark at the spark plug.	Faulty spark plug or spark plug wire.	Test the spark plug and wire. Replace if defective.

Problem	Possible Cause	Solution
Module does not fit correctly.	Incorrect part for your specific generator model.	Double-check the model number and compare the physical appearance of the new module with your original part. Adjustments may be needed for some models.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional generator technician.

## 8. SPECIFICATIONS

Attribute	Detail
Product Type	Ignition Coil Module (Replacement Part)
Compatibility	Pramac Lifer 9500 Watts Generator model# S10000 SVEP
Model Number	nvduq2803-19245
Manufacturer Part Number	DUA-PARTS-CSP-PL-29032025-19245
Material Quality	High quality, durable
Characteristics	High precision, low noise, high temperature-resistance

## 9. WARRANTY AND SUPPORT

As this is a replacement part, warranty terms may vary. Please refer to the seller's return policy or contact the seller directly for information regarding warranty coverage and support for this product. Keep your purchase receipt as proof of purchase.

