



Manuals.plus /

› **Latuwa** /

› Latuwa Ignition Coil Instruction Manual

## Latuwa 573 93 57-01, 573 93 57-02

# Latuwa Ignition Coil Instruction Manual

Models: 573 93 57-01, 573 93 57-02

Compatible with Husqvarna, Jonsered, and Redmax Chainsaws

## 1. PRODUCT OVERVIEW

---

This manual provides essential information for the installation, maintenance, and troubleshooting of the Latuwa Ignition Coil. This component is crucial for the proper functioning of your chainsaw's engine, responsible for generating the high voltage required to ignite the fuel-air mixture.

The Latuwa Ignition Coil is an interchangeable replacement for part numbers 573 93 57-01 and 573 93 57-02.

### Compatible Chainsaw Models:

- **Husqvarna:** 435, 440, 440E, 445, 450, 435E, 440E, 445E, 450E
- **Jonsered:** 2240, 2245, 2250, CS2245, CS2245S, CS2250, CS2250S
- **Redmax:** GZ381, GZ500



*Figure 1.1: The Latuwa Ignition Coil, showing the main body, high-tension lead with spark plug boot, and low-tension wiring harness.*

## **2. SPECIFICATIONS**

---

Specification	Value
Manufacturer	MH
Part Numbers	573 93 57-01, 573 93 57-02
Item Weight	6.1 ounces (0.38 Pounds)
Product Dimensions	1.97 x 5 x 1 inches (1.97"L x 5"W x 1"H)
Country of Origin	China
Power Source	Gas Powered
Horsepower	1.5 Kilowatts
Included Components	1pc Ignition Coil

### 3. INSTALLATION GUIDE

---

**Safety First:** Before beginning any installation or maintenance, ensure the chainsaw engine is off, cool, and the spark plug wire is disconnected to prevent accidental starting. Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.

- 1. Prepare the Chainsaw:** Place the chainsaw on a stable, flat surface. Ensure the engine is cool to the touch.
- 2. Locate the Ignition Coil:** The ignition coil is typically located near the flywheel or under the engine cover. You may need to remove the top cover or other components to access it.
- 3. Disconnect Wiring:** Carefully disconnect the low-tension wires (usually thin wires) leading to the ignition coil. Note their original connection points for reassembly. Disconnect the spark plug boot from the spark plug.
- 4. Remove Old Coil:** Unscrew the mounting bolts that secure the old ignition coil to the engine block. Carefully remove the old coil.
- 5. Install New Coil:** Position the new Latuwa Ignition Coil in the same location as the old one. Ensure the mounting holes align. Secure it with the original mounting bolts. It is critical to set the correct air gap between the coil and the flywheel magnets. A common method is to use a business card or a specific feeler gauge (typically 0.010-0.014 inches or 0.25-0.35 mm) placed between the coil and the flywheel while tightening the mounting bolts. Once tightened, remove the card/gauge.
- 6. Reconnect Wiring:** Reconnect the low-tension wires to the new coil, ensuring they are securely attached to their correct terminals. Reattach the spark plug boot firmly to the spark plug.
- 7. Reassemble:** Replace any covers or components that were removed to access the coil.
- 8. Test Functionality:** After reassembly, attempt to start the chainsaw to verify proper operation.



*Figure 3.1: Side view of the ignition coil, highlighting the mounting holes for secure attachment to the engine.*



*Figure 3.2: Top view of the ignition coil, illustrating the terminals for electrical connections.*

## 4. MAINTENANCE

The Latuwa Ignition Coil is designed for durability and reliable performance. Regular inspection can help ensure its longevity and the consistent operation of your chainsaw.

- **Regular Inspection:** Periodically inspect the ignition coil for any visible signs of damage, such as cracks in the casing, frayed wires, or corrosion on the terminals.
- **Cleanliness:** Keep the area around the ignition coil clean and free from debris, sawdust, and oil residue. A build-up of dirt can affect heat dissipation and potentially lead to premature failure.
- **Wire Connections:** Ensure all electrical connections to the coil, including the spark plug boot and low-tension wires, are secure and free from corrosion. Loose connections can lead to intermittent spark or no spark.
- **Spark Plug Condition:** A faulty or worn spark plug can put undue stress on the ignition coil. Always ensure your spark plug is in good condition and correctly gapped according to your chainsaw's manufacturer specifications.

## 5. TROUBLESHOOTING

If your chainsaw experiences ignition-related issues, consult the table below for common problems and potential solutions. Always refer to your chainsaw's specific service manual for detailed troubleshooting steps.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Engine will not start (no spark)	Faulty ignition coil, disconnected wires, fouled spark plug, incorrect air gap.	Check all wire connections. Inspect and clean/replace spark plug. Verify ignition coil air gap. Test coil for spark. Replace coil if faulty.
Intermittent spark or misfires	Loose connections, partially faulty coil, worn spark plug, moisture.	Secure all connections. Inspect coil for cracks. Replace spark plug. Ensure components are dry.
Weak spark	Coil degradation, incorrect air gap, poor ground connection.	Re-check air gap. Clean coil and engine mounting points for good ground. Replace coil if necessary.
Engine runs poorly at high RPM	Coil overheating, internal coil fault.	Ensure proper ventilation around coil. Consider replacing coil if problem persists.

## **6. WARRANTY AND SUPPORT**

For information regarding warranty coverage, returns, or technical support for your Latuwa Ignition Coil, please refer to the seller's policy or contact the point of purchase. Keep your purchase receipt as proof of purchase.

For specific chainsaw repair or service, it is recommended to consult a qualified technician or refer to the official service manual for your chainsaw model.