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› UPFOREST 8-inch Replacement Chainsaw Chain User Manual (Model: 90YNS34X3)

## UPFOREST 8" 34DL 3/8"LP .043"-GermanSteel

# UPFOREST 8-inch Replacement Chainsaw Chain User Manual

Model: 8" 34DL 3/8"LP .043"-GermanSteel (90YNS34X3)

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use, installation, and maintenance of your UPFOREST 8-inch replacement chainsaw chains. These chains are designed for compatibility with specific pole saw models, including the Craftsman CMCCSP20M1, CMCCSP20 Electric Pole Saw, and Oregon PS250 (563454) Pole Saw.

The chains feature Japanese chrome-plated technology for enhanced durability and German steel construction with controlled heating and punching for improved toughness and flatness. All saw chain rivets are hardened and quenched to resist wear and reduce tension changes.

Please read this manual thoroughly before installation and operation to ensure proper usage and safety.



Figure 1: UPFOREST 8-inch replacement chainsaw chain.

## 2. IDENTIFYING THE CORRECT CHAIN

Before installing a new chain, it is crucial to verify that its specifications match your chainsaw's requirements. Key parameters include bar length, drive link count, gauge, and pitch.

# Chain Parameter Diagram

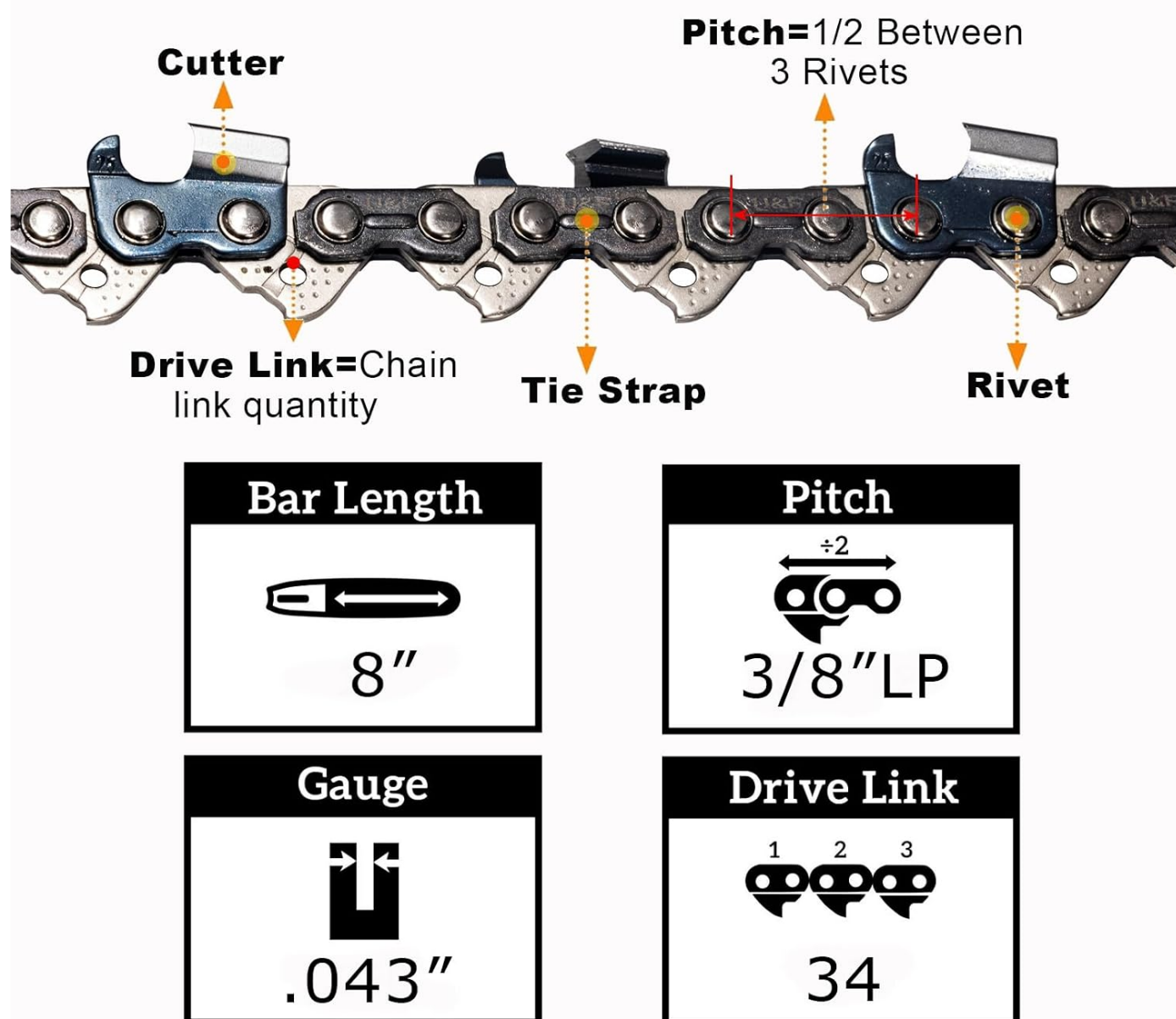


Figure 2: Chainsaw Chain Parameter Diagram.

## How to Measure Your Existing Chain:

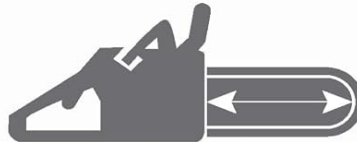
1. **Bar Length:** Measure the exposed length of your chainsaw's guide bar. Round up to the nearest even number.
2. **Drive Links:** Count all the drive links on your existing chain. These are the small, triangular projections that fit into the guide bar groove.
3. **Gauge:** This is the thickness of the drive link. Common measurements are .043", .050", or .058".
4. **Pitch:** Divide the distance between any three consecutive rivets by two. Common sizes include .325", 3/8"LP, 3/8", and .1/4". Note: 3/8" is typically for saws >50cc and 3/8"LP is for smaller saws.

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# FIND THE RIGHT CHAIN

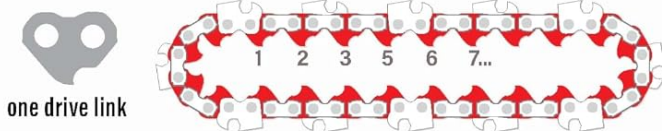


- 1 BAR LENGTH**  
SIMPLY MEASURE  
EXPOSED BAR

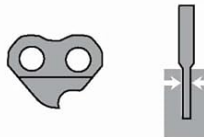


Round up to nearest even number

- 2 DRIVE LINKS**  
COUNT ALL LINKS  
ON EXISTING CHAIN



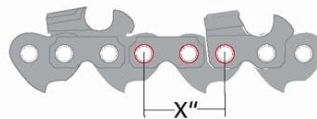
- 3 GAUGE**  
THICKNESS OF  
DRIVE LINK



#### GAUGE SIZE

should be one of these 4 measurements .043" (1.1mm), .050" (1.3mm), .058" (1.5mm) or .063" (1.6mm)

- 4 PITCH**  
DIVIDE 3 RIVET'S  
DISTANCE BY 2



#### COMMON SIZES

.325", 3/8" LP, 3/8", 1/4"

#### NOTE

3/8" is typically for saws  $\geq$  50cc and 3/8" LP is for smaller saws.

Figure 3: Guide to finding the right chainsaw chain.

Your browser does not support the video tag.

Video 1: This video demonstrates how to count the drive links on an existing chainsaw chain to determine the correct size for replacement.

## 3. SETUP AND INSTALLATION

Installing a new chainsaw chain is a straightforward process. Always ensure the chainsaw is powered off and disconnected from its power source (battery removed or unplugged) before beginning.

### Installation Steps:

1. **Remove the Bar Cover:** Loosen the nuts or fasteners securing the bar cover and remove it.
2. **Loosen the Bar:** If necessary, loosen the bar tensioning screw to allow the guide bar to move freely.
3. **Remove Old Chain:** Carefully remove the old chain from the guide bar and drive sprocket.

4. **Install New Chain:** Place the new chain around the drive sprocket and guide bar. Ensure the cutting teeth are facing the correct direction (forward, away from the chainsaw body).
5. **Tension the Chain:** Adjust the chain tensioning screw until the chain is snug but can still be pulled around the bar by hand. There should be no excessive slack.
6. **Replace Bar Cover:** Reinstall the bar cover and tighten the nuts securely.

Your browser does not support the video tag.

Video 2: This video provides a visual guide on how to install a new chainsaw chain, including loosening the bar, placing the chain, and tensioning it correctly.

### Verifying Chain Direction:

Hold the chainsaw upright and observe the cutting teeth on the top of the guide bar. The sharp edge of the teeth should point forward, in the direction of the chain's rotation during operation. If the chain is installed backward, it will not cut effectively.



Figure 4: Correct chain orientation on the guide bar.

## 4. OPERATING GUIDELINES

Always wear appropriate personal protective equipment (PPE) including safety glasses, gloves, hearing protection, and sturdy footwear when operating a chainsaw. Ensure a clear work area and maintain a firm grip on the saw.

### Lubrication:

For electric pole saws, ensure the oil reservoir is filled with appropriate bar and chain oil. Regularly check the oil level and lubricate the chain as recommended by your pole saw's manufacturer to ensure smooth operation and extend chain life.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your chainsaw chain.

### Chain Features for Durability:

- **Platinum Cutter:** Designed to maintain sharpness and durability.
- **Platinum Rivet:** Reduces wear and chain stretch.
- **Platinum Tie Strap:** Provides resistance to corrosion and wear.
- **Platinum Drive Link:** Engineered for less friction and longer life.

# SAW CHAIN FEATURE



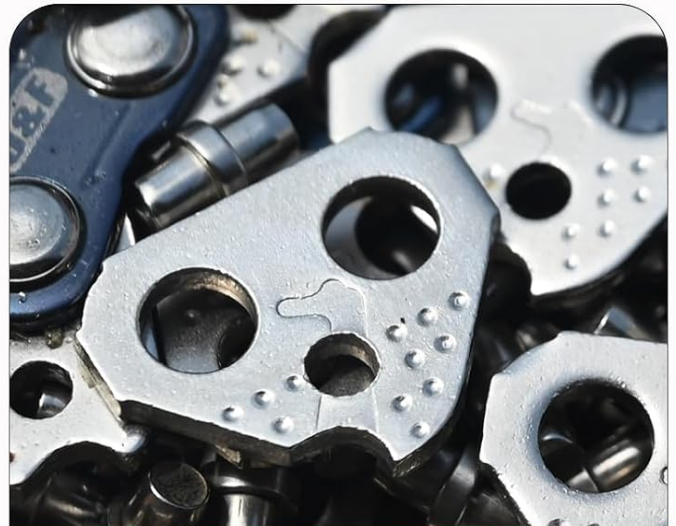
**Platinum Cutter**  
*Keep cutter sharp and durable*



**Platinum Rivet**  
*Reduce wear and chain stretch*



**Platinum Tie Strap**  
*Resistance to corrosion and wear*



**Platinum Drive Link**  
*Make less friction and long life*

Figure 5: Detailed features of the UPFOREST chainsaw chain components.

## Sharpening:

While these chains are designed for extended sharpness, they will eventually require sharpening or replacement. Refer to your chainsaw's manual for specific sharpening angles and tools. Alternatively, replacing a dull chain with a new one ensures consistent cutting performance.

## Cleaning:

After each use, clean the chain and guide bar to remove sawdust, sap, and debris. This prevents buildup that can hinder performance and cause premature wear.

## 6. TROUBLESHOOTING

- **Chain Not Cutting:** Ensure the chain is installed with the cutting teeth facing the correct direction. Check if the

chain is dull and requires sharpening or replacement.

- **Excessive Smoke/Heat:** Verify that the chain is properly lubricated and tensioned. A dull chain can also cause excessive heat.
- **Chain Derailment:** Check for proper chain tension. Ensure the guide bar is clean and free of debris.

## 7. SPECIFICATIONS

| Feature             | Specification                    |
|---------------------|----------------------------------|
| Brand               | UPFOREST                         |
| Model Number        | 8" 34DL 3/8"LP .043"-GermanSteel |
| Chain Type          | Semi-Chisel                      |
| Gauge               | 0.043 inches                     |
| Chain Length        | 8 inches                         |
| Drive Link Count    | 34                               |
| Included Components | Case                             |

## 8. SUPPORT

For further assistance or inquiries, please refer to the official UPFOREST store on Amazon or contact their customer support channels. UPFOREST is committed to providing high-quality products and reliable support.

Visit the [UPFOREST Store](#) for more information.

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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