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› FORESTER 24in Professional Chainsaw Bar for Husqvarna - Instruction Manual

## FORESTER HJ245084W

# FORESTER 24in Professional Chainsaw Bar for Husqvarna - Instruction Manual

Model: HJ245084W

## INTRODUCTION

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This instruction manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your FORESTER 24-inch Professional Chainsaw Bar. This bar is designed for use with compatible Husqvarna chainsaws and features a sprocket nose, 3/8-inch pitch, .050-inch gauge, and K095 mount, accommodating an 84 drive link chain. Please read this manual thoroughly before use to ensure safe and effective operation.



Image: The FORESTER 24-inch Professional Chainsaw Bar, showcasing its design and length.

## SETUP AND INSTALLATION

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Proper installation of the chainsaw bar is crucial for safety and performance. Ensure your chainsaw is turned off and the spark plug wire is disconnected before beginning any installation or maintenance.

### Compatibility

This FORESTER chainsaw bar is designed with a K095 mount and is compatible with various small mount Husqvarna chainsaw models. Refer to the list below to confirm compatibility:

# FITS SMALL MOUNT HUSQVARNA CHAINSAW MODELS



**254, 254XP, 257, 261, 262, 262XP, 355,  
357, 357XP, 357XPG, 359, 359E-TECH,  
360, 362, 362 XP, 455, 455 RANCHER,  
455e RANCHER, 460, 460 RANCHER, 466,  
51, 55, 55 Rancher, 555, 560XP, 560XPG, 57**

Image: A visual guide indicating the K095 mount type and a list of compatible Husqvarna chainsaw models.

- Husqvarna Models: 254, 254XP, 257, 261, 262, 262XP, 355, 357, 357XP, 357XPG, 359, 359E-TECH, 360, 362, 362 XP, 455, 455 RANCHER, 455e RANCHER, 460, 460 RANCHER, 466, 51, 55, 55 Rancher, 555, 560XP, 560XPG, 57.

## Bar Installation Steps

1. **Prepare Chainsaw:** Ensure the chainsaw is off, cool, and the chain brake is disengaged. Remove the spark plug wire to prevent accidental starting.
2. **Remove Old Bar (if applicable):** Loosen the bar nuts and remove the clutch cover. Carefully remove the old bar and chain.
3. **Clean Mounting Area:** Clean any sawdust or debris from the chainsaw's bar mounting area and the oil port.
4. **Position New Bar:** Place the FORESTER chainsaw bar onto the mounting studs. The bar features a reversible design for extended life.
5. **Install Chain:** Loop the chainsaw chain around the clutch sprocket and guide it into the groove of the new bar. Ensure the cutting edges of the chain are facing the correct direction.
6. **Replace Clutch Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.

7. **Adjust Chain Tension:** Adjust the chain tension screw until the chain is snug but can still be pulled freely around the bar by hand. The chain should not sag from the underside of the bar.
8. **Tighten Bar Nuts:** Fully tighten the bar nuts to secure the bar and chain.
9. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Image: Illustrates the ease of installing the chainsaw bar, highlighting its reversible design for quick setup.

## OPERATING GUIDELINES

While this manual focuses on the chainsaw bar, safe operation of the chainsaw itself is paramount. Always follow the chainsaw manufacturer's operating instructions and safety precautions.

### Key Operational Considerations

- **Chain Lubrication:** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil. The bar's oil port must be clear to allow proper lubrication of the chain and bar groove during operation.
- **Chain Tension:** Regularly check and maintain correct chain tension. A properly tensioned chain will move freely but not sag. Incorrect tension can lead to premature wear of the bar and chain, or even chain

derailment.

- **Cutting Performance:** The heavy-duty side rails of this FORESTER bar are designed to prevent chipping and ensure smoother, more accurate cuts.



# STRENGTH IN EVERY CUT

**REPLACEABLE SINGLE RIVET  
SPROCKET NOSE**  
Takes the Abuse, Minimizing  
Wear on the Bar Body

**HEAVY DUTY SIDE RAILS**  
Prevents Chipping & Ensures  
Smoother, More Accurate Cuts

Image: A chainsaw in operation, demonstrating the bar's performance with heavy-duty side rails and a replaceable sprocket nose for durability.

## Reduced Recoil Design

This bar is engineered to contribute to better control and reduced kickback during cutting operations. Always maintain a firm grip on the chainsaw and use proper cutting techniques.



Image: A chainsaw cutting wood, illustrating the benefit of better control and less recoil provided by the bar's design.

## MAINTENANCE

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Regular maintenance extends the life of your chainsaw bar and ensures safe operation.

### Cleaning and Inspection

- **After Each Use:** Clean the bar groove to remove sawdust and debris. This ensures proper chain movement and lubrication.
- **Check for Wear:** Inspect the bar rails for burrs, uneven wear, or damage. Minor burrs can be filed smooth.
- **Sprocket Nose:** The bar features a replaceable single rivet sprocket nose. Inspect the sprocket for wear and ensure it spins freely. Lubricate the sprocket nose bearing regularly using a grease gun designed for chainsaw bar tips.

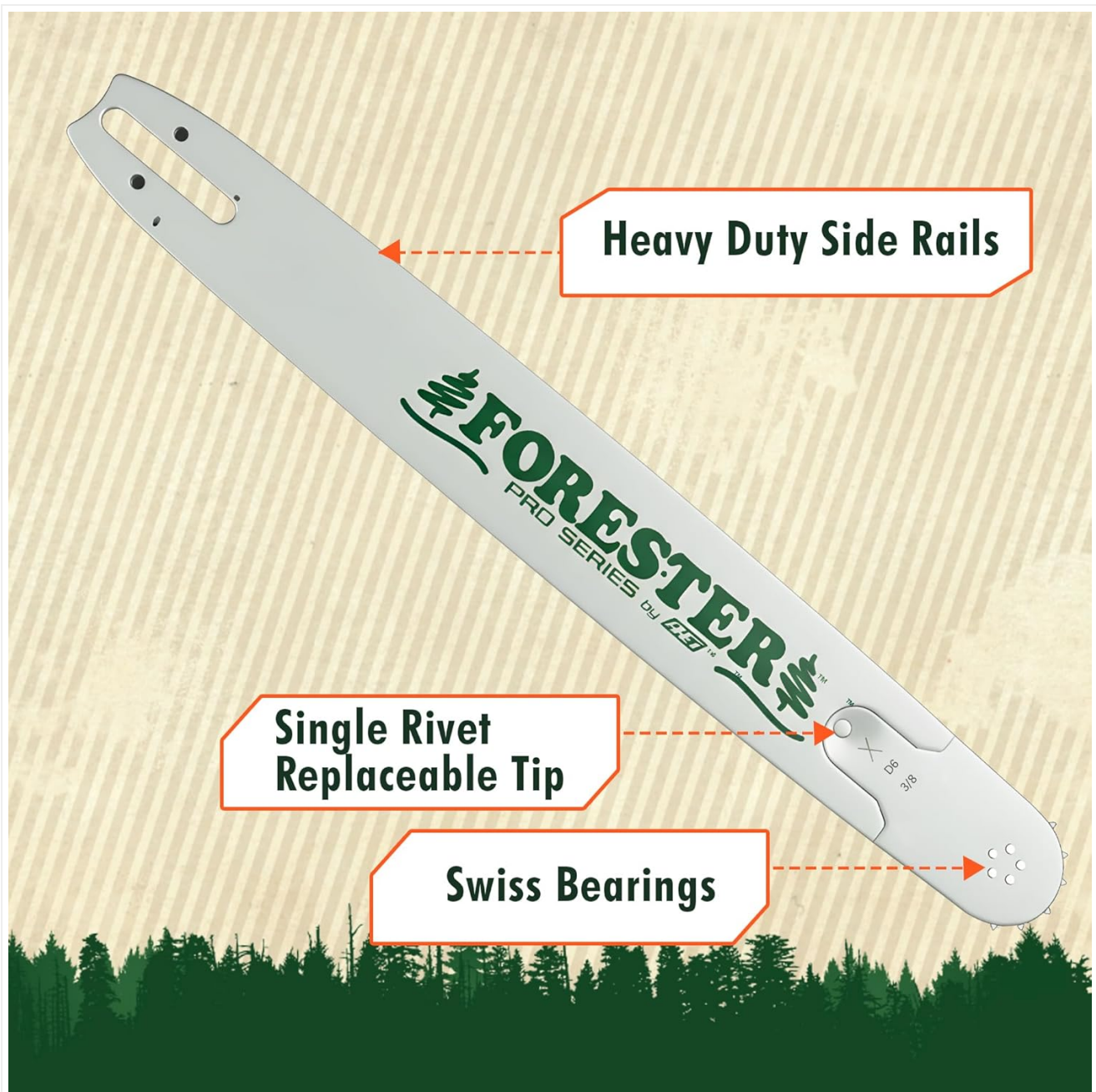


Image: Diagram highlighting key components of the FORESTER chainsaw bar, including heavy-duty side rails, single rivet replaceable tip, and Swiss bearings.

## Lubrication

Ensure continuous and adequate lubrication of the bar and chain during operation. The chainsaw's automatic oiler system is critical for this. Additionally, manually grease the sprocket nose bearing at regular intervals (e.g., every time you refuel) to minimize wear and extend the life of the bar tip.

## Bar Replacement

Replace the chainsaw bar if you observe significant wear, bending, cracking, or if the bar rails are severely spread, preventing proper chain seating. A worn bar can lead to poor cutting performance and increased risk of kickback.

## TROUBLESHOOTING

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This section addresses common issues related to the chainsaw bar.

<b>Problem</b>	<b>Possible Cause</b>	<b>Solution</b>
Chain not moving smoothly or binding	Incorrect chain tension, lack of lubrication, debris in bar groove, worn bar rails, damaged sprocket nose.	Adjust chain tension, check oil reservoir and oil port, clean bar groove, inspect bar for wear/damage, lubricate or replace sprocket nose.
Excessive wear on bar rails	Insufficient lubrication, incorrect chain tension, cutting with dull chain, improper cutting technique.	Ensure adequate lubrication, maintain correct chain tension, sharpen chain regularly, use proper cutting methods.
Chain derails frequently	Loose chain tension, worn bar rails, incorrect chain/bar combination.	Adjust chain tension, inspect bar for wear, ensure chain pitch and gauge match bar specifications.
Sprocket nose not spinning freely	Lack of lubrication, debris, damage to bearing.	Lubricate sprocket nose, clean thoroughly, replace sprocket nose if damaged.

## **SPECIFICATIONS**

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Detailed specifications for the FORESTER 24in Professional Chainsaw Bar.



**24" IN LENGTH**  
**84 DRIVE LINK**



**BAR TAIL MOUNT**

**K095**



**PITCH**

**3/8"**



**GAUGE**

**.050**

Image: A detailed view of the chainsaw bar, highlighting its length, drive link count, pitch, gauge, and K095 mount type.

**Brand:** FORESTER

**Model Number:** HJ245084W

**Bar Length:** 24 inches

**Pitch:** 3/8 inch

**Gauge:** .050 inch

**Mount Type:** K095

**Drive Links:** 84

**Sprocket Nose:** Replaceable Single Rivet

**Side Rails:** Heavy Duty

**Bearings:** Swiss

**Item Weight:** Approximately 3 Pounds

**Product Dimensions (L x W x H):** 27.63" x 2.87" x 0.25"

**Power Source:** Manual (Chainsaw accessory)

**Manufacturer:** Ahlborn Equipment

## WARRANTY AND SUPPORT

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FORESTER is committed to providing high-quality products. For specific warranty information regarding your chainsaw bar, please refer to the documentation included with your purchase or contact FORESTER customer support directly.

### Customer Support

If you have questions about the installation, operation, or maintenance of your FORESTER chainsaw bar, please contact the manufacturer or your retailer for assistance. Ensure you have your model number (HJ245084W) and purchase details available when contacting support.

FORESTER prides itself on offering quality products and exceptional service to meet your chainsaw and safety needs.