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› [Husqvarna](#) /

› Husqvarna OEM 32" H83-105 Chainsaw Chain Instruction Manual

Husqvarna 591164005

Husqvarna OEM 32" H83-105 Chainsaw Chain Instruction Manual

Model: 591164005

PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of your Husqvarna OEM 32" H83-105 chainsaw chain. This chain is designed for specific Husqvarna models and other compatible brands requiring part number 591164005. Proper installation, operation, and maintenance are crucial for optimal performance and user safety.

PRODUCT IMAGE



Image of the Husqvarna OEM 32 inch H83-105 chainsaw chain, showing its full chisel skip tooth design. The chain is coiled and packaged, highlighting its new condition.

SETUP AND INSTALLATION

Before installing the new chain, ensure your chainsaw is turned off and the spark plug cap is disconnected to prevent accidental starting. Always wear appropriate personal protective equipment (PPE), including gloves and eye protection.

1. **Remove Old Chain:** Loosen the bar nuts and remove the clutch cover. Carefully remove the old chain and guide bar.
2. **Clean Components:** Clean any sawdust or debris from the guide bar groove, sprocket, and clutch area.
3. **Install New Chain:** Place the new Husqvarna H83-105 chain onto the drive sprocket. Ensure the cutting edges of the chain cutters are facing the correct direction (forward, away from the chainsaw body).
4. **Position Guide Bar:** Fit the guide bar over the bar studs and align the chain in the guide bar groove.
5. **Replace Clutch Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.
6. **Adjust Chain Tension:** Adjust the chain tension screw until the chain is snug against the bottom of the guide bar, but can still be pulled freely by hand. The chain should not sag from the bottom of the bar.
7. **Final Tightening:** Fully tighten the bar nuts. Reconnect the spark plug cap.

OPERATING INSTRUCTIONS

Always prioritize safety when operating a chainsaw. Read your chainsaw's owner's manual for specific operating procedures and safety warnings.

- **Pre-Operation Check:** Before each use, check chain tension, chain sharpness, and oil levels. Ensure

all nuts and bolts are tight.

- **Proper Grip:** Hold the chainsaw firmly with both hands, wrapping your thumbs and fingers around the handles.
- **Stance:** Maintain a balanced stance with your feet shoulder-width apart.
- **Cutting Technique:** Allow the chain to do the work. Do not force the saw. Use the full length of the guide bar when possible.
- **Avoid Kickback:** Be aware of the kickback danger zone at the tip of the guide bar. Avoid cutting with this area.
- **Lubrication:** Ensure the chain is continuously lubricated during operation.

MAINTENANCE

- **Chain Sharpening:** Regularly sharpen the chain cutters to maintain cutting efficiency and safety. Refer to your chainsaw manual for the correct file size and sharpening angles for H83 chains.
- **Chain Tension:** Check and adjust chain tension frequently, especially during the first few hours of use with a new chain. A properly tensioned chain should be snug but still allow you to pull it around the guide bar by hand.
- **Guide Bar Maintenance:** Flip the guide bar periodically to ensure even wear. Clean the guide bar groove and oil holes.
- **Lubrication:** Always use high-quality bar and chain oil. Ensure the oiler is functioning correctly.
- **Cleaning:** After each use, clean sawdust and debris from the chain, guide bar, and sprocket area.

TROUBLESHOOTING COMMON ISSUES

- **Chain Not Cutting Efficiently:** Check if the chain is dull or improperly sharpened. Ensure correct chain tension.
- **Chain Smoking:** This often indicates insufficient lubrication or incorrect chain tension (too tight). Check bar oil level and chain tension.
- **Chain Jumping Off Bar:** Usually caused by incorrect chain tension (too loose) or a worn guide bar/sprocket. Inspect components and adjust tension.
- **Excessive Vibration:** Could be due to a dull chain, damaged chain, or improper tension. Inspect the chain for damage and adjust tension.

PRODUCT SPECIFICATIONS

Feature	Specification
Brand	Husqvarna
Model Number	591164005
Chain Type	Full Chisel Skip Tooth H83
Chain Length	32 Inches
Pitch	3/8" (0.33 Inches)
Gauge	.063"
Drive Links	105

Item Weight	0.54 Pounds
UPC	024761027991

WARRANTY AND SUPPORT

For warranty information and technical support regarding your Husqvarna OEM 32" H83-105 chainsaw chain, please refer to the official Husqvarna website or contact their customer service directly. Keep your purchase receipt as proof of purchase.