

Husqvarna S93G

Husqvarna S93G 16-inch Chainsaw Chain Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Husqvarna S93G 16-inch chainsaw chain. Adhering to these instructions will help ensure safe and efficient use, extending the life of your chain and maintaining optimal cutting performance. This chain features a semi-chisel cutter profile, a 3/8-inch mini pitch, and a .050-inch gauge, designed for general chainsaw use.

2. SAFETY INFORMATION

Always prioritize safety when working with chainsaws and chainsaw chains. Failure to follow safety guidelines can result in serious injury.

- **Read Your Chainsaw Manual:** Always consult your chainsaw's instruction manual for specific safety procedures, installation guidelines, and maintenance requirements.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including a helmet with face shield, hearing protection, safety glasses, heavy-duty gloves, chainsaw protective trousers or chaps, and safety boots.
- **Kickback Prevention:** The Husqvarna S93G chain is designed with a guarded drive link to reduce kickback. However, kickback can still occur. Always maintain a firm grip on the chainsaw, be aware of the chain's tip, and avoid cutting with the tip.
- **Chain Condition:** Never operate a chainsaw with a dull, damaged, or improperly tensioned chain. Inspect the chain before each use.
- **Work Area:** Ensure your work area is clear of obstructions and bystanders.

3. SETUP AND INSTALLATION

Proper installation of the chainsaw chain is critical for safety and performance. Refer to your chainsaw's specific manual for detailed instructions on removing the old chain and installing a new one.

3.1 Chain Identification

The Husqvarna S93G chain is a 16-inch chain with 56 drive links, a 3/8-inch mini pitch, and a .050-inch gauge. Ensure these specifications match your chainsaw's requirements.

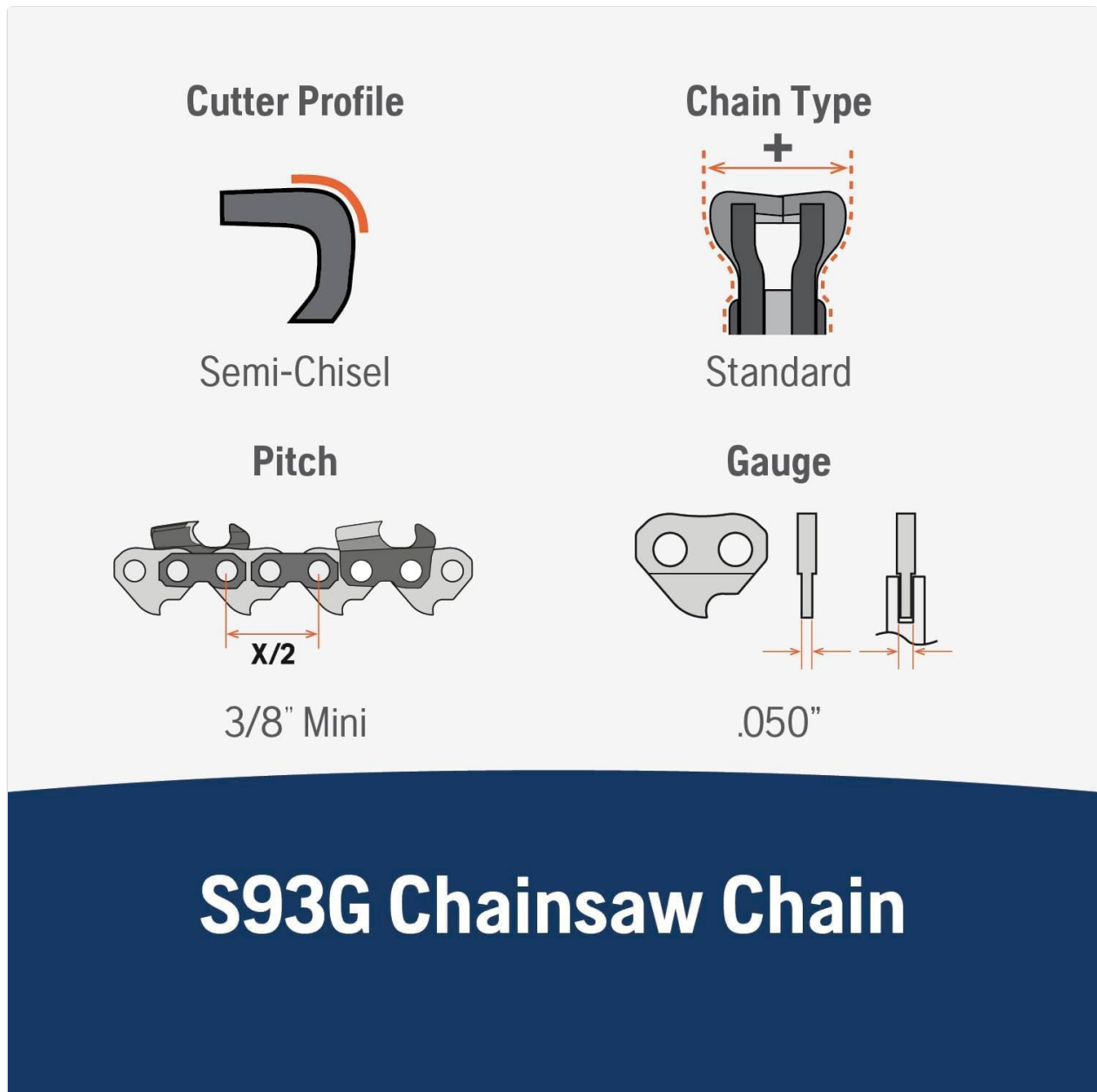
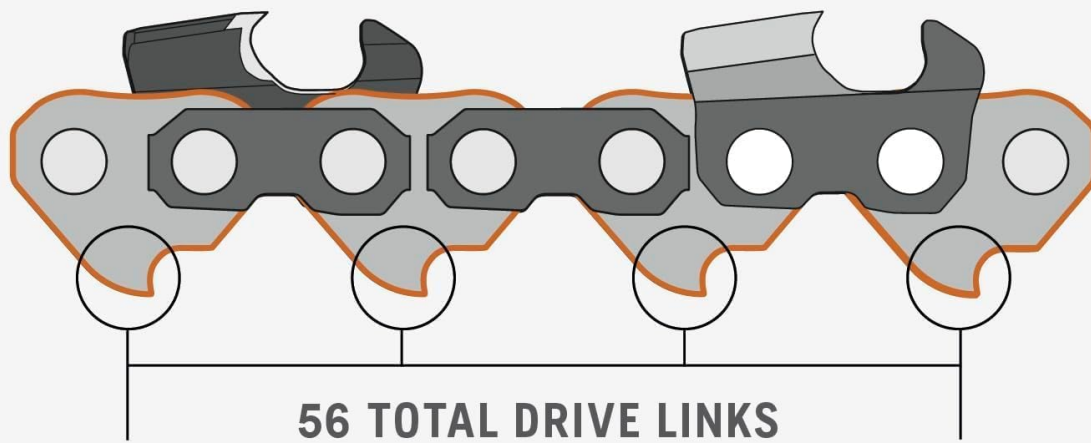


Figure 1: S93G Chainsaw Chain Specifications - Illustrates the cutter profile (semi-chisel), chain type (standard), pitch (3/8" Mini), and gauge (.050").



16-in Chain, 56 Drive Links

Figure 2: 16-inch Chain, 56 Drive Links - Shows the total number of drive links for the 16-inch chain.

3.2 Installation Steps (General)

1. Ensure the chainsaw is turned off and the spark plug cap is disconnected to prevent accidental starting.
2. Remove the clutch cover and guide bar.
3. Carefully place the new Husqvarna S93G chain onto the guide bar, ensuring the cutters are facing the correct direction (towards the nose of the bar on the top side).
4. Fit the guide bar and chain onto the chainsaw's studs, engaging the drive links with the sprocket.
5. Reinstall the clutch cover, but do not fully tighten the nuts yet.
6. Adjust chain tension. The chain should be snug against the guide bar, but still able to be pulled freely by hand. There should be no sag on the underside of the bar.
7. Once tension is correct, tighten the clutch cover nuts securely.
8. Reconnect the spark plug cap.

The Husqvarna X-CUT chains are pre-stretched, which minimizes initial adjustments and reduces the risk of damage from a slacking chain.

4. OPERATING INSTRUCTIONS

The Husqvarna S93G chain is designed for efficient and safe cutting when used correctly.

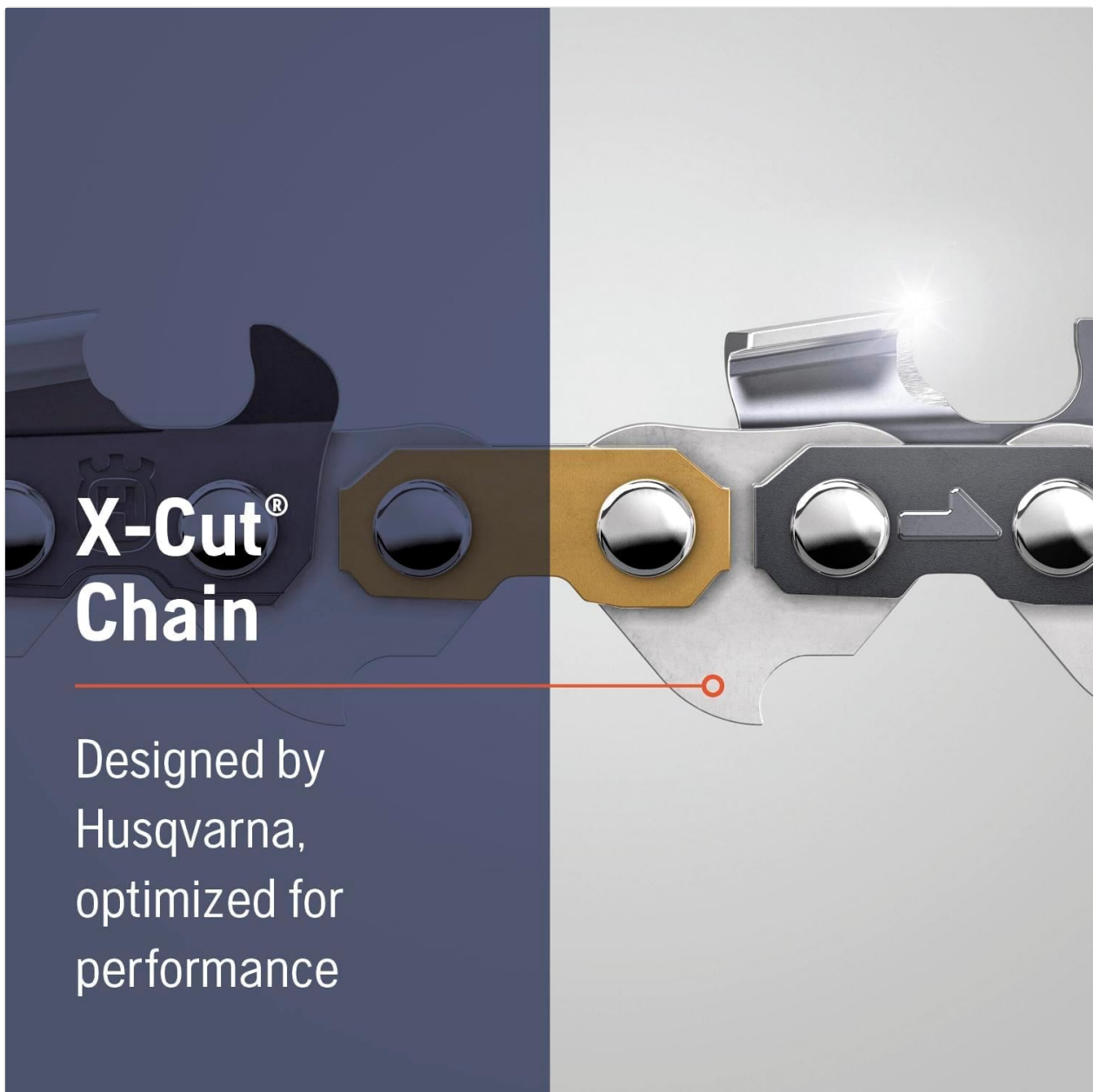
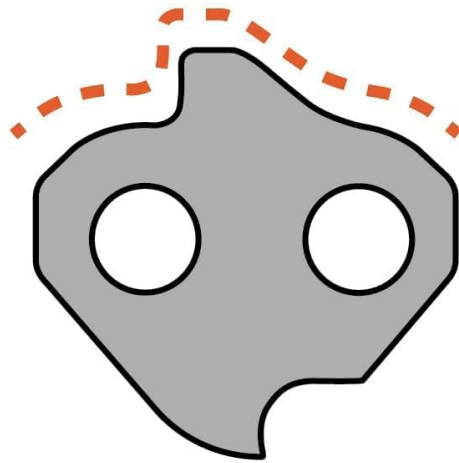


Figure 3: Husqvarna X-Cut Chain - Designed for optimized performance.

4.1 Cutting Performance

- **Semi-Chisel Cutters:** The round corner cutters (S) offer good stay-sharp properties and are more forgiving regarding filing angles compared to full chisel cutters. They are also less sensitive to dirt, making them suitable for various cutting conditions.
- **Low Kickback Design:** The guarded drive link (G) design helps reduce the likelihood of kickback, making the chain easier to handle for both homeowners and professionals.



Guarded Drive Link

Reduces kickback, suitable for both homeowner and professional use

Figure 4: Guarded Drive Link - Reduces kickback for safer operation.

4.2 Initial Use

The X-CUT chains are carefully sharpened at the factory, providing razor-sharp edges and precise cuts immediately out of the box. This ensures superior cutting efficiency from the first use.

5. MAINTENANCE

Regular maintenance of your chainsaw chain is essential for safety, performance, and longevity.

- **Chain Tension:** Check chain tension frequently, especially during the first hour of operation with a new chain. Adjust as needed. A properly tensioned chain should not sag on the underside of the guide bar but should still be able to be pulled around the bar by hand.
- **Sharpening:** Sharpen the chain regularly to maintain cutting efficiency. The S93G chain features a golden-colored tie strap, which serves as a visual indicator to help you easily identify where to start and stop filing the chain. Use the correct file size and angle for a 3/8-inch mini pitch semi-chisel chain.
- **Cleaning:** Clean the chain after each use to remove sawdust, resin, and debris. This prevents buildup that can hinder performance and cause premature wear.

- **Lubrication:** Ensure your chainsaw's automatic oiler is functioning correctly and that the chain is receiving adequate lubrication during operation. Use recommended bar and chain oil.
- **Inspection:** Regularly inspect the chain for damaged or worn cutters, drive links, and tie straps. Replace the chain if any significant damage or wear is observed.

6. TROUBLESHOOTING

If you encounter issues with your Husqvarna S93G chainsaw chain, consider the following common problems and solutions:

- **Poor Cutting Performance:**
 - **Cause:** Dull chain, incorrect sharpening angle, improper chain tension.
 - **Solution:** Sharpen the chain, verify correct filing angles, adjust chain tension.
- **Excessive Wear:**
 - **Cause:** Insufficient lubrication, improper chain tension, cutting in dirty conditions.
 - **Solution:** Check oiler function, ensure proper chain tension, clean chain regularly, avoid cutting into dirt.
- **Chain Derailment:**
 - **Cause:** Loose chain tension, worn guide bar, damaged drive links.
 - **Solution:** Adjust chain tension, inspect and replace guide bar if worn, replace damaged chain.

For issues not resolved by these steps, consult a qualified service technician or refer to your chainsaw's comprehensive troubleshooting guide.

7. SPECIFICATIONS

Feature	Specification
Model	S93G
Part Number	585422156
Brand	Husqvarna
Chain Length	16 inches
Drive Links	56
Pitch	3/8 inch Mini
Gauge	.050 inch
Chain Type	Semi-Chisel
Low Kickback	Yes (Guarded Drive Link)
Pre-stretched	Yes
Filing Aid	Golden Tie Strap

Feature	Specification
Compatible Chainsaw Models	130, 135 Mark II, 540 XP Mark III (and others requiring 16" 3/8" Mini .050" 56DL chain)

8. WARRANTY AND SUPPORT

For warranty information and customer support regarding your Husqvarna S93G chainsaw chain, please refer to the official Husqvarna website or contact an authorized Husqvarna dealer. Keep your purchase receipt as proof of purchase.



Figure 5: Authorized Husqvarna Distributor - Ensures genuine product and support.

You can find more information and contact details on the official Husqvarna store:[Husqvarna Store](#)