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Einhell 4500172

Einhell Replacement Chain User Manual

Model: 4500172

PRODUCT OVERVIEW

This replacement chain is specifically designed for Einhell petrol chainsaws, including models GC-PC 1335/1 I, GC-PC 1235 I, and GC-PC 1235/1. It features a length of 35 cm, 53 drive links, a drive link thickness of 1.3 mm (0.5"), and a chain pitch of 9.5 mm (3/8"). This manual provides essential information for the proper installation, operation, and maintenance of your replacement chain.

COMPATIBILITY

This Einhell replacement chain is compatible with the following Einhell petrol chainsaw models:

- Einhell GC-PC 1335/1 I
- Einhell GC-PC 1235 I
- Einhell GC-PC 1235/1

Ensure your chainsaw model matches one of the listed compatible models before attempting installation.

SETUP AND INSTALLATION

Safety First: Before beginning any installation or maintenance, ensure the chainsaw is turned off, the spark plug cap is removed (for petrol models), and the chain brake is engaged. Always wear appropriate personal protective equipment, including heavy-duty gloves.

- 1. Prepare the Chainsaw:** Place the chainsaw on a stable, flat surface.
- 2. Remove the Chain Cover:** Loosen and remove the nuts holding the chain cover in place. Carefully remove the chain cover and the old chain.
- 3. Clean the Guide Bar and Sprocket:** Thoroughly clean any sawdust, debris, or old oil from the guide bar groove, the sprocket, and the chain brake mechanism. Inspect the guide bar for wear or burrs.
- 4. Install the New Chain:** Carefully uncoil the new Einhell replacement chain. Ensure the cutting edges of the chain teeth are facing in the correct direction (usually indicated by an arrow on the chain or guide bar). Place the chain around the drive sprocket and then fit it into the groove of the guide bar.

5. **Reattach the Guide Bar and Chain Cover:** Slide the guide bar back into position, ensuring the chain is properly seated in the groove. Reinstall the chain cover and hand-tighten the nuts.
6. **Adjust Chain Tension:** Adjust the chain tensioning screw until the chain is snug against the guide bar but can still be pulled freely by hand. The chain should not sag on the underside of the guide bar. A good rule of thumb is that you should be able to pull the chain drive links up slightly, but not enough to expose the bottom of the drive links from the guide bar groove.
7. **Final Tightening:** While holding the tip of the guide bar up, fully tighten the chain cover nuts. Recheck the chain tension after tightening.
8. **Lubrication:** Ensure the chainsaw's oil reservoir is filled with appropriate chain lubricant.





Image: The Einhell replacement chainsaw chain, ready for installation. This image shows the full length of the chain, highlighting its design and the arrangement of the cutting teeth and drive links.

OPERATING WITH THE NEW CHAIN

Once the new chain is installed and properly tensioned, you can operate your chainsaw. Always follow the safety guidelines provided in your chainsaw's main user manual. Key considerations for operating with a new chain include:

- **Chain Lubrication:** Ensure the automatic oiler is functioning correctly and providing adequate lubrication to the chain and guide bar during operation.
- **Initial Run-in:** Run the chainsaw for a few minutes at a moderate speed without cutting to allow the chain to seat properly. Recheck chain tension after this initial run and adjust if necessary, as new chains can stretch slightly.
- **Proper Cutting Technique:** Always use proper cutting techniques as outlined in your chainsaw's manual to prevent kickback and ensure efficient cutting.
- **Monitor Chain Condition:** Regularly check the chain for sharpness, tension, and any signs of damage during use.

MAINTENANCE

Regular maintenance extends the life of your Einhell replacement chain and ensures safe and efficient operation.

- **Chain Sharpening:** A sharp chain is crucial for safe and effective cutting. Sharpen the chain regularly using a round file of the correct diameter (typically 4.0 mm or 5/32" for 3/8" pitch chains, but refer to your chainsaw manual for exact specifications). Sharpen each tooth evenly.
- **Chain Lubrication:** Always ensure the chainsaw's oil reservoir is filled with high-quality chain oil. Proper lubrication reduces friction and wear on the chain and guide bar.
- **Chain Tension Check:** Check chain tension frequently, especially during prolonged use. A loose chain can derail, and an overly tight chain can cause premature wear and damage to the chainsaw.
- **Cleaning:** After each use, clean the chain and guide bar to remove sawdust, resin, and debris. This prevents buildup that can hinder performance and cause wear.
- **Inspection for Wear and Damage:** Regularly inspect the chain for bent or broken links, cracks, or excessive wear on the drive links and cutting teeth. Replace the chain if significant damage is found.

TROUBLESHOOTING

Here are some common issues and their potential solutions related to your chainsaw chain:

Problem	Possible Cause	Solution
Chain not cutting efficiently / Chain dull	Dull cutting teeth, incorrect sharpening angle, hitting foreign objects.	Sharpen the chain. Ensure correct sharpening angle. Inspect for damage and replace if necessary.
Chain comes off guide bar	Incorrect chain tension (too loose), worn guide bar, worn sprocket, damaged chain.	Adjust chain tension. Inspect guide bar and sprocket for wear and replace if needed. Check chain for damage.
Chain smoking or overheating	Insufficient lubrication, incorrect chain tension (too tight), dull chain.	Check oil reservoir and oiler function. Adjust chain tension. Sharpen or replace chain.
Chain binds in cut	Dull chain, improper cutting technique, chain tension too tight.	Sharpen chain. Review cutting technique. Adjust chain tension.

SPECIFICATIONS

The Einhell Replacement Chain (Model: 4500172) features the following technical specifications:

- **Chain Length:** 35 cm (13.78 inches)
- **Drive Links:** 53
- **Drive Link Thickness:** 1.3 mm (0.05 inches)
- **Chain Pitch:** 9.5 mm (3/8 inches)
- **Chain Type:** Semi-Chisel
- **Item Weight:** Approximately 6 ounces
- **Product Dimensions:** 3.43 x 1.38 x 6.69 inches (packaged)

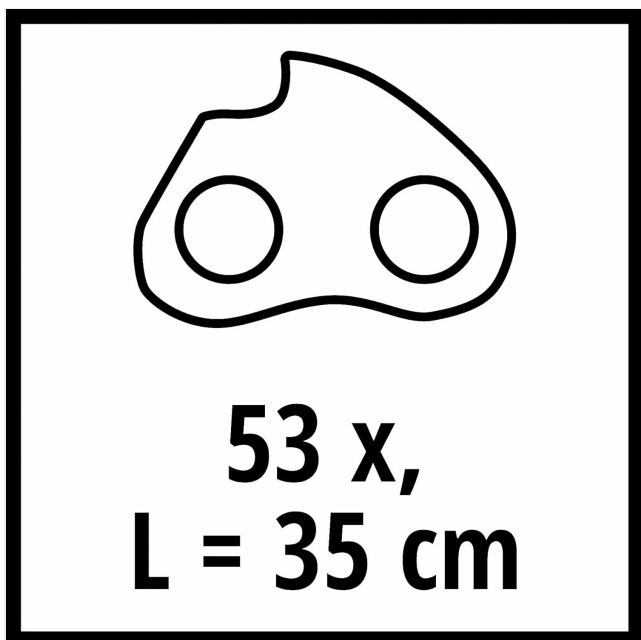


Image: Illustrates the chain's length of 35 cm and the count of 53 drive links, key specifications for compatibility.

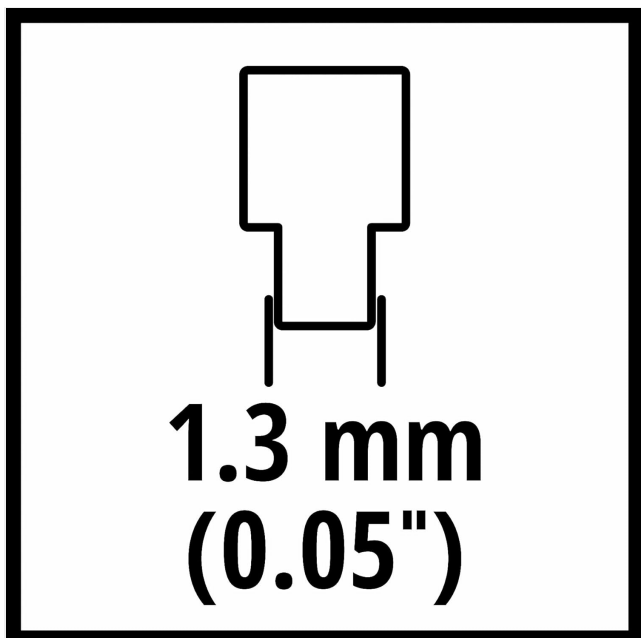


Image: Depicts the drive link thickness of 1.3 mm (0.05 inches), a critical measurement for proper fit in the guide bar.

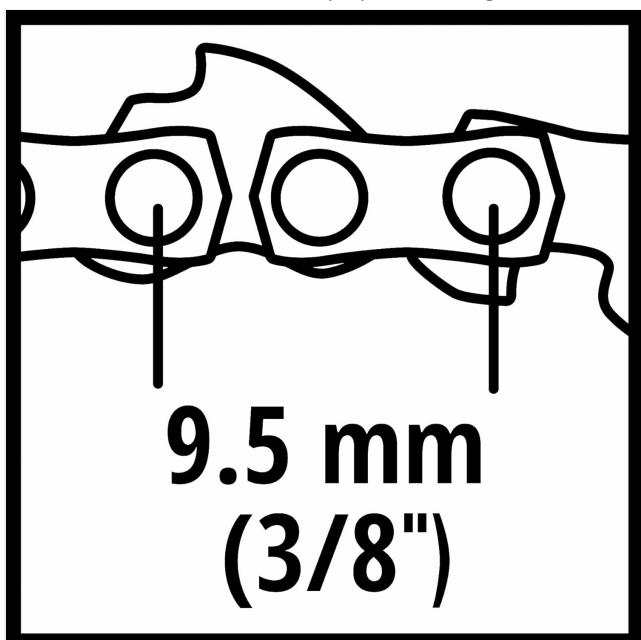


Image: Shows the chain pitch of 9.5 mm (3/8 inches), which determines the spacing between the drive links and compatibility with the chainsaw's sprocket.

WARRANTY AND SUPPORT

For information regarding the warranty of your Einhell Replacement Chain or for technical support, please refer to the original chainsaw's user manual or visit the official Einhell website. Specific warranty terms and support contacts may vary by region.

Manufacturer: Einhell

Part Number: 4500172



Related Documents - 4500172

	<p>Einhell GC-BC 36-4 S Benzin-Motorsense Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung und Sicherheitshinweise für die Einhell GC-BC 36-4 S Benzin-Motorsense. Erfahren Sie mehr über Montage, sicheren Betrieb, Wartung und Fehlerbehebung für dieses leistungsstarke Gartengerät.</p>
	<p>Einhell GC-SC 18/28 Li Akku-Vertikutierer und Rasenlüfter Bedienungsanleitung</p> <p>Die offizielle Bedienungsanleitung für den Einhell GC-SC 18/28 Li Akku-Vertikutierer und Rasenlüfter. Enthält Sicherheitshinweise, Bedienung, Wartung und Fehlerbehebung für Ihr Gartengerät.</p>
	<p>Einhell GC-ET 4530 Elektro-Rasentrimmer - Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Einhell GC-ET 4530 Elektro-Rasentrimmer. Enthält Sicherheitshinweise, Montage-, Betriebs-, Wartungs- und Fehlerbehebungsinformationen.</p>
	<p>Einhell GC-SP 2275 Klarwasserpumpe – Bedienungsanleitung</p> <p>Originalbetriebsanleitung für die Einhell GC-SP 2275 Klarwasserpumpe. Enthält Sicherheitshinweise, Installations-, Betriebs-, Wartungs- und Fehlerbehebungsanleitungen. Besuchen Sie www.Einhell-Service.com für weitere Informationen.</p>
	<p>Einhell GC-HM 300 / GC-HM 400 Hand-Rasenmäher Bedienungsanleitung</p> <p>Offizielle Bedienungsanleitung für den Einhell GC-HM 300 und GC-HM 400 Hand-Rasenmäher. Enthält Informationen zu Sicherheit, Montage, Bedienung, Wartung und Fehlerbehebung.</p>
	<p>Einhell GC-MM 52 I AS Petrol Multifunctional Tool Operating Manual</p> <p>Official operating manual for the Einhell GC-MM 52 I AS Petrol Multifunctional Tool, covering safety instructions, assembly, operation, maintenance, and troubleshooting for garden use.</p>

