

UpStart Components CSC-S55-2PK-DL17

UpStart Components 16" Semi Chisel Saw Chain Instruction Manual

Model: CSC-S55-2PK-DL17

1. INTRODUCTION AND SAFETY INFORMATION

This manual provides essential information for the safe and effective use of your UpStart Components 16-inch Semi Chisel Saw Chain, model CSC-S55-2PK-DL17, designed for McCulloch Electramac 300S-16 chainsaws. Please read this manual thoroughly before installation and operation.

Important Safety Warning: This saw chain may be capable of kickback that could result in serious injury to the chainsaw operator or bystanders. DO NOT USE THIS SAW CHAIN UNLESS YOU HAVE EXPERIENCE AND SPECIALIZED TRAINING FOR DEALING WITH KICKBACK. Always refer to your chainsaw's user manual for proper chain installation, maintenance, and safety procedures.

2. PRODUCT OVERVIEW

The UpStart Components CSC-S55 saw chain is engineered for precision, balance, and safety, offering high performance for smooth cuts. It features reduced vibration levels for consistent cuts and enhanced user comfort, and is designed for durability to maintain sharpness longer.

Key Features:

- Semi Chisel design for efficient cutting.
- Reduced vibration for improved comfort and control.
- Durable construction for extended sharpness.
- Designed for McCulloch Electramac 300S-16 chainsaws.



Figure 2.1: UpStart Components CSC-S55 Saw Chain in its retail packaging, showing the model number and specifications.

3. SETUP AND INSTALLATION

Proper installation of the saw chain is critical for safe and effective operation. Always consult your specific chainsaw's user manual for detailed, model-specific instructions on chain replacement and tensioning.

General Installation Steps (Always refer to your chainsaw manual):

1. Ensure the chainsaw is turned off and the spark plug cap is disconnected (for gasoline models) or the battery is removed (for electric models) to prevent accidental starting.
2. Remove the guide bar cover and old chain.
3. Clean any sawdust or debris from the guide bar groove and sprocket area.
4. Carefully uncoil the new UpStart Components CSC-S55 saw chain. Ensure the cutting edges are facing the correct direction (usually forward on the top of the guide bar).
5. Place the chain around the drive sprocket and into the guide bar groove.
6. Reinstall the guide bar cover, but do not fully tighten the nuts yet.
7. Adjust chain tension according to your chainsaw's manual. The chain should be snug against the guide bar but still able to be pulled freely by hand. There should be no slack on the underside of the bar, and the drive links should not come out of the bar nose.
8. Once tension is set, fully tighten the guide bar nuts.
9. Perform a final check of chain tension and ensure all components are securely fastened.

Note: The same saw can have different bar lengths. Always confirm the pitch, gauge, and drive links on your current bar to ensure compatibility. Not all bars accommodate the same number of links.



Figure 3.1: The UpStart Components CSC-S55 saw chain uncoiled, ready for installation.

4. OPERATING INSTRUCTIONS

Once the chain is correctly installed and tensioned, operate your chainsaw according to its manufacturer's instructions. This saw chain is designed for general cutting tasks with appropriate chainsaws.

Key Operating Considerations:

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and protective legwear.
- Ensure the chain is properly lubricated by checking the chainsaw's oil reservoir before each use.
- Maintain a firm grip on the chainsaw with both hands.
- Be aware of your surroundings and potential kickback zones.
- Do not force the chain through wood; allow the chain to do the cutting.

5. MAINTENANCE

Regular maintenance extends the life of your saw chain and ensures safe operation. Replace dull or damaged chains promptly to avoid injuries and maintain cutting efficiency.

Maintenance Procedures:

- **Sharpening:** Sharpen the chain regularly. A dull chain increases effort, reduces cutting speed, and

can lead to dangerous kickback. Refer to your chainsaw manual or a professional for correct sharpening angles and file sizes for a semi-chisel chain.

- **Cleaning:** After each use, clean the chain to remove sap, sawdust, and debris. This prevents buildup that can hinder performance and cause premature wear.
- **Lubrication:** Ensure the chainsaw's automatic oiler is functioning correctly and providing adequate lubrication to the chain and guide bar during operation.
- **Inspection:** Regularly inspect the chain for damaged or missing cutters, cracked drive links, or stretched rivets. Replace the chain immediately if any damage is found.
- **Storage:** When not in use, store the chain in a clean, dry place to prevent rust and damage.



Figure 5.1: Close-up view of the semi-chisel cutters and drive links of the CSC-S55 saw chain, highlighting areas for inspection and sharpening.

6. TROUBLESHOOTING

This section addresses common issues related to saw chain performance. For chainsaw-specific problems, consult your chainsaw's user manual.

Common Issues and Solutions:

- **Chain not cutting efficiently:** The chain is likely dull and requires sharpening. Ensure proper sharpening angles.
- **Chain smoking or overheating:** Check chain tension (too tight) or lubrication (insufficient oil). Ensure the guide bar groove is clean.
- **Chain jumping off the bar:** Chain tension is too loose, or the guide bar is worn. Inspect the guide bar and adjust tension.
- **Excessive vibration:** The chain may be dull, damaged, or improperly tensioned. Inspect and correct as needed.

7. SPECIFICATIONS

Feature	Detail
Model Number	CSC-S55-2PK-DL17
Chain Type	Semi Chisel, Low Profile
Length	16 inches
Pitch	3/8" Low Profile
Gauge	0.050"
Drive Links	55
Compatibility	McCulloch Electramac 300S-16 Chainsaws
Quantity	2 Chains (as per 2-Pack)

8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your UpStart Components saw chain, please refer to the packaging or contact UpStart Components directly through their official website or customer service channels. Keep your purchase receipt for warranty claims.

Contact Information: Please visit the UpStart Components website for the most current support contact details.