

UpStart Components CSC-S52-3PK-DL556

UpStart Components 14-inch Semi Chisel Saw Chain User Manual

Model: CSC-S52-3PK-DL556

1. IMPORTANT SAFETY INFORMATION

This saw chain is designed for use with chainsaws. Chainsaws are powerful tools that can cause serious injury if not handled properly. Always prioritize safety when operating a chainsaw.

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 specific safety instructions, proper chain installation, and maintenance procedures. Wear appropriate personal protective equipment (PPE) including safety glasses, hearing protection, gloves, and protective legwear when operating a chainsaw.

2. PRODUCT OVERVIEW

The UpStart Components CSC-S52-3PK-DL556 is a 14-inch semi-chisel saw chain designed for Jonsered CS 2138 C chainsaws. This chain is engineered for efficient cutting and durability.

- **High Performance:** Engineered for smooth and precise cuts.
- **Reduced Vibration:** Designed to minimize vibration for improved user comfort and consistent cutting.
- **Durability:** Constructed for a longer-lasting sharp edge.
- **Compatibility:** Specifically designed for Jonsered CS 2138 C chainsaws, ensuring proper fit and function.



Figure 2.1: UpStart Components 14-inch Semi Chisel Saw Chain in its retail packaging, showing product details.



Figure 2.2: A full loop of the UpStart Components 14-inch Semi Chisel Saw Chain, ready for installation.

3. SETUP AND INSTALLATION

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

3.1 Pre-Installation Checks

- Ensure the chainsaw is turned off and the spark plug cap is disconnected to prevent accidental starting.
- Wear heavy-duty gloves to protect your hands from sharp chain edges.
- Verify that the new chain's pitch, gauge, and drive links match the specifications required by your chainsaw's guide bar. This chain has a 3/8" Low Profile Pitch, 0.050" Gauge, and 52 Drive Links.

3.2 Installation Steps (General)

1. Remove the guide bar cover and old chain from your chainsaw.
2. Clean any sawdust or debris from the guide bar groove and sprocket area.
3. Carefully place the new UpStart Components chain onto the drive sprocket, ensuring the cutting

edges face the correct direction (usually forward on the top of the guide bar).

4. Fit the chain into the groove of the guide bar, starting from the nose and working back towards the sprocket.
5. Reinstall the guide bar cover, but do not fully tighten the nuts yet.
6. Adjust the 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 groove.
7. Once tension is correct, fully tighten the guide bar nuts.
8. Reconnect the spark plug cap.

After installation, always run the chainsaw for a short period and re-check chain tension, as new chains can stretch slightly during initial use.

4. OPERATING GUIDELINES

This section provides general guidelines for operating a chainsaw with the UpStart Components saw chain. Always follow the specific operating instructions and safety warnings provided in your chainsaw's user manual.

- **Pre-Operation Check:** Before each use, inspect the chain for damage, proper tension, and sharpness. Ensure the chain brake is functional.
- **Fuel and Oil:** Ensure the chainsaw has adequate fuel and chain lubricant. Proper lubrication is essential for chain longevity and performance.
- **Starting:** Follow your chainsaw's starting procedure carefully.
- **Cutting Technique:** Maintain a firm grip on the chainsaw with both hands. Keep your body balanced and avoid overreaching. Cut with the bottom of the guide bar for most operations. Be aware of potential kickback, especially when cutting with the upper quadrant of the guide bar nose.
- **Work Area:** Clear the work area of obstacles and ensure bystanders are at a safe distance.
- **Fatigue:** Do not operate a chainsaw when fatigued. Take regular breaks.

5. MAINTENANCE

Regular maintenance extends the life of your saw chain and ensures safe, efficient cutting. A dull or damaged chain can be dangerous and reduce cutting performance.

5.1 Chain Sharpening

Sharpen the chain regularly. The frequency depends on usage and the type of wood being cut. A sharp chain cuts easily and produces consistent chips; a dull chain produces fine sawdust and requires more force.

- Use the correct size round file for your chain's pitch (3/8" Low Profile).
- Maintain the correct filing angles for both the top plate and side plate, as well as the depth gauge setting. Refer to your chainsaw manual or a chain sharpening guide for precise angles.
- File all cutters to the same length to ensure balanced cutting.



Figure 5.1: Close-up of the semi-chisel cutters and drive links, illustrating the components that require regular sharpening and inspection.

5.2 Chain Tension

Check chain tension frequently, especially during the first hour of use with a new chain, and before each subsequent use. A properly tensioned chain should be snug but still allow you to pull it around the guide bar by hand. It should not sag on the underside of the guide bar.

5.3 Cleaning and Lubrication

Keep the chain and guide bar clean. Remove sawdust, resin, and debris regularly. Ensure the oiler port on your chainsaw is clear and that the chain is receiving adequate lubrication during operation. Use only recommended chain oil.

5.4 Inspection

Regularly inspect the chain for any signs of damage, such as cracks, bent links, or excessive wear. Replace the chain immediately if any damage is found. Avoid injuries by replacing dull or damaged chains with a sharp new chain.

6. TROUBLESHOOTING COMMON ISSUES

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

Issue	Possible Cause	Solution
Chain not cutting efficiently / producing sawdust instead of chips	Dull chain	Sharpen the chain or replace it.
Chain smoking / overheating	Improper chain tension (too tight), lack of lubrication, dull chain	Adjust chain tension, check oiler, sharpen or replace chain.
Chain jumping off guide bar	Improper chain tension (too loose), worn guide bar, worn sprocket	Adjust chain tension, inspect and replace guide bar or sprocket if worn.
Excessive vibration	Damaged or improperly sharpened chain, worn sprocket, loose components	Inspect chain for damage, ensure proper sharpening, check sprocket, tighten all components.

7. SPECIFICATIONS

The following are the key specifications for the UpStart Components CSC-S52-3PK-DL556 saw chain:

- **Brand:** UpStart Components
- **Model Number:** CSC-S52-3PK-DL556
- **Item Length:** 14 Inches
- **Chain Type:** Semi Chisel, Low Profile
- **Pitch:** 3/8" Low Profile

- **Gauge:** 0.050"
- **Drive Links:** 52
- **UPC:** 734639626026
- **Compatibility:** Jonsered CS 2138 C Chainsaws

8. WARRANTY INFORMATION

UpStart Components products are manufactured to high standards. For specific warranty details regarding this saw chain, please refer to the packaging or visit the official UpStart Components website. Warranty coverage typically addresses manufacturing defects and does not cover wear and tear from normal use, improper installation, or misuse.

9. CUSTOMER SUPPORT

If you have questions or require assistance with your UpStart Components saw chain, please contact our customer support team. For the most up-to-date contact information and additional resources, please visit the official UpStart Components website:

www.upstartcomponents.com

When contacting support, please have your product model number (CSC-S52-3PK-DL556) and purchase information readily available.

© 2023 UpStart Components. All rights reserved.

This manual is for informational purposes only. Always follow local safety regulations and manufacturer guidelines.