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UpStart Components CSC-S55-DL99

UpStart Components 16-inch Semi-Chisel Saw Chain (CSC-S55-DL99) Instruction Manual

For EM 300s Chainsaws

IMPORTANT SAFETY INFORMATION

This saw chain is designed for specific chainsaw models. Improper use or installation can lead to serious injury.

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.

PRODUCT OVERVIEW



Image Description: The UpStart Components CSC-S55-DL99 saw chain is presented in its clear retail packaging, displaying the product label with model number and specifications. A small pile of chain links is visible outside the packaging.

The UpStart Components CSC-S55-DL99 is a 16-inch semi-chisel saw chain designed as a replacement for EM 300s chainsaws. It features a 3/8" low profile pitch, 0.050" gauge, and 55 drive links. This chain is engineered for precision, balance, and safety to provide efficient cutting performance with reduced vibration.

Key Features

- 16-inch semi-chisel design for smooth cuts.
- 3/8" Low Profile Pitch, 0.050" Gauge, 55 Drive Links.
- Engineered for precision, balance, and safety.
- Reduced vibration levels for user comfort.
- Durable construction designed to maintain sharpness longer.

Note: Always verify the pitch, gauge, and drive links required for your specific chainsaw bar, as different bar lengths may require different chain specifications.

SETUP AND INSTALLATION

Proper installation of the saw chain is critical for safe and effective operation.

1. **Safety First:** Ensure the chainsaw is turned off, unplugged (electric models), or the spark plug cap is removed (gas models) before beginning any installation or maintenance. Wear appropriate personal protective equipment (PPE), including heavy-duty gloves.
2. **Remove Old Chain:** Loosen the bar nuts and remove the clutch cover. Carefully remove the old chain from the guide bar and sprocket.
3. **Inspect Components:** Check the guide bar for wear, burrs, or damage. Inspect the drive sprocket for wear. Replace any worn components.
4. **Install New Chain:** Place the new UpStart Components CSC-S55-DL99 chain onto the guide bar, ensuring the cutting edges are facing the correct direction (typically forward on the top of the bar). Fit the drive links into the guide bar groove and around the drive sprocket.
5. **Reattach Cover:** Reinstall the clutch cover and hand-tighten the bar nuts.
6. **Adjust Chain Tension:** Adjust the chain tension according to your chainsaw's manufacturer instructions. The chain should be snug against the bottom of the guide bar, but still able to be pulled freely by hand. It should not sag underneath the bar.
7. **Final Tightening:** Once tension is correct, fully tighten the bar nuts.
8. **Lubrication:** Ensure the chainsaw's oil reservoir is filled with appropriate bar and chain oil.

Important: Refer to your specific chainsaw's user manual for detailed, model-specific installation instructions and tensioning procedures.

Visual Aid for Chain Installation



Image Description: An UpStart Components CSC-S55-DL99 saw chain is shown laid out in an oval loop, illustrating its full length and the arrangement of its links. This image helps visualize the chain's structure before installation.

OPERATING INSTRUCTIONS

This section provides general guidance for operating a chainsaw with the UpStart Components CSC-S55-DL99 chain. Always follow the operating instructions provided in your chainsaw's user manual.

1. **Pre-Operation Check:** Before each use, check the chain tension, ensure the chain is properly lubricated, and inspect the chain for any damage or dullness. Replace dull or damaged chains immediately to avoid injury and ensure efficient cutting.
2. **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including a hard hat, eye protection, hearing protection, heavy-duty gloves, chainsaw chaps, and safety boots.

3. **Starting the Chainsaw:** Follow your chainsaw's specific starting procedure.
4. **Cutting Technique:** Maintain a firm grip on the chainsaw with both hands. Keep your body balanced and avoid overreaching. Be aware of potential kickback, especially with non-low-kickback chains like this one.
5. **Chain Lubrication:** Ensure the automatic oiler is functioning correctly and the chain is receiving adequate lubrication during operation.
6. **Stopping the Chainsaw:** Follow your chainsaw's specific stopping procedure.

Safety Reminder: *This chain is not ANSI Approved Low Kickback. Exercise extreme caution and ensure you have specialized training for dealing with kickback.*

MAINTENANCE

Regular maintenance extends the life of your saw chain and ensures safe operation.

Chain Sharpening

A sharp chain cuts efficiently and reduces the risk of kickback. Sharpen the chain regularly or replace it when dull. Refer to your chainsaw manual or a professional for proper sharpening techniques for a semi-chisel chain.

Cleaning

After each use, clean the chain to remove sawdust, sap, and debris. This prevents buildup and ensures smooth operation.

Lubrication

Proper lubrication is essential. Always use quality bar and chain oil. Check the oil level frequently during operation.

Inspection

Regularly inspect the chain for:

- Bent or broken drive links.
- Cracks in the cutters or tie straps.
- Excessive wear on the rivets.
- Dull or damaged cutting edges.

Replace the chain immediately if any significant damage or wear is observed.



Image Description: A detailed close-up view of the UpStart Components CSC-S55-DL99 saw chain links, showing the semi-chisel cutters, drive links, and tie straps. This image is useful for inspecting the chain for wear or damage during maintenance.

TROUBLESHOOTING

This section addresses common issues related to saw chain performance.

Problem	Possible Cause	Solution
Chain not cutting efficiently	Dull chain; Incorrect chain tension; Insufficient lubrication	Sharpen or replace chain; Adjust chain tension; Check oil reservoir and oiler function
Chain smoking or overheating	Insufficient lubrication; Incorrect chain tension; Dull chain	Check oil reservoir and oiler; Adjust chain tension; Sharpen or replace chain
Chain jumping off bar	Loose chain tension; Worn guide bar or sprocket; Incorrect chain size	Adjust chain tension; Inspect and replace worn components; Verify chain specifications match chainsaw requirements
Excessive vibration	Damaged or bent chain; Incorrect chain tension	Inspect and replace damaged chain; Adjust chain tension

If problems persist after troubleshooting, consult a qualified chainsaw service technician.

SPECIFICATIONS

Brand	UpStart Components
Model Number	CSC-S55-DL99
Chain Type	Semi-Chisel, Low Profile
Chain Length	16 inches
Pitch	3/8" Low Profile (0.38 Inches)
Gauge	0.050"
Drive Links	55
UPC	711841346904

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your UpStart Components saw chain, please refer to the manufacturer's official website or contact their customer service directly.

Manufacturer: UpStart Components

Website: www.upstartcomponents.com

Contact: Refer to the website for contact details.

