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Stihl 11230071008

Stihl OEM Parts Quick Tensioner Kit User Manual

Model: 11230071008

Introduction

This manual provides essential information for the installation, operation, and maintenance of your Stihl OEM Quick Tensioner Kit. This kit is designed to replace or upgrade the chain tensioning system on compatible Stihl chainsaw models, ensuring proper chain tension for safe and efficient operation. Please read this manual thoroughly before attempting any installation or use.

Product Overview



Image 1: Components of the Stihl OEM Quick Tensioner Kit. This image displays the main parts included in the kit: the white chain cover with the Stihl logo, a metal spiky bumper strip, a black chain tensioning wheel assembly, a small bag of screws/fasteners, and a black L-shaped adjustment tool.

The Stihl OEM Quick Tensioner Kit (Part No. 1123 007 1008) is a genuine replacement part designed for specific Stihl chainsaw models. It facilitates quick and tool-free chain tension adjustment, enhancing user convenience and operational safety. The kit typically includes the chain cover, tensioning mechanism, and associated hardware.

Compatible Models:

- MS170, MS170C

- MS180, MS180C
- MS210, MS210C
- MS230, MS230C
- MS250, MS250C
- 017, 018, 021, 023, 025

Setup and Installation

Proper installation of the Quick Tensioner Kit is crucial for safe and effective chainsaw operation. If you are unsure about any step, consult a qualified Stihl service technician.

Required Tools:

- Gloves (for safety)
- Screwdriver (if existing cover uses screws)
- Clean cloth

Installation Steps:

1. **Safety First:** Ensure the chainsaw engine is off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Cover:** Loosen and remove the existing chain cover (clutch cover) from the chainsaw. This may involve unscrewing nuts or bolts.
3. **Clean Area:** Thoroughly clean the area around the clutch and guide bar mounting studs to remove any sawdust, oil, or debris.
4. **Install New Tensioner Mechanism:** If the tensioner mechanism is separate from the new cover, install it onto the guide bar mounting studs according to your chainsaw's specific design. Ensure it sits flush and correctly engages with the guide bar.
5. **Position Guide Bar and Chain:** Place the guide bar onto the mounting studs, ensuring the chain is correctly seated in the guide bar groove and around the drive sprocket.
6. **Install New Chain Cover:** Carefully position the new Quick Tensioner chain cover over the guide bar and chain. Ensure the tensioning mechanism aligns with the guide bar's adjustment pin.
7. **Secure Cover:** Tighten the nuts or bolts that secure the chain cover to the chainsaw. Do not overtighten initially.
8. **Adjust Chain Tension:** Use the quick tensioner knob or lever on the new cover to adjust the chain tension. The chain should be snug against the guide bar but still allow you to pull it freely by hand. It should not sag on the underside of the guide bar.
9. **Final Tightening:** Once the chain tension is correct, fully tighten the chain cover nuts/bolts.
10. **Test:** Reconnect the spark plug wire. Start the chainsaw and run it briefly at low speed to ensure the chain rotates smoothly and maintains tension. Re-check tension after initial use.

Operating the Quick Tensioner

The Stihl Quick Tensioner system allows for rapid chain tension adjustment without the need for additional tools. This is typically done via a large, easily accessible knob or lever on the side of the chain cover.

Chain Tension Adjustment:

1. **Loosen Cover Nuts:** Slightly loosen the two nuts that secure the chain cover to the chainsaw. They should be loose enough to allow the guide bar to move, but not completely removed.
2. **Adjust Tension:** Rotate the quick tensioner knob (usually located on the front or side of the chain cover)

clockwise to increase chain tension, or counter-clockwise to decrease it.

3. **Check Tension:** The chain is correctly tensioned when it lies snugly against the underside of the guide bar and can still be pulled easily by hand over the guide bar nose. There should be no significant sag.
4. **Tighten Cover Nuts:** Once the desired tension is achieved, firmly tighten the two chain cover nuts.
5. **Re-check:** Always re-check chain tension after tightening the cover nuts, as it can sometimes change slightly.

Important: An improperly tensioned chain can lead to premature wear of the chain and guide bar, poor cutting performance, or even dangerous chain derailment. Always ensure correct tension before operating the chainsaw.

Maintenance

Regular maintenance of your quick tensioner kit will ensure its longevity and proper function.

- **Cleaning:** Periodically remove the chain cover and clean any sawdust, resin, or debris from the tensioning mechanism and the inside of the cover. A stiff brush and a clean cloth are usually sufficient.
- **Lubrication:** The quick tensioner mechanism typically does not require lubrication. Refer to your chainsaw's main instruction manual for specific lubrication points on the guide bar and sprocket.
- **Inspection:** Regularly inspect the quick tensioner knob/lever and the internal mechanism for any signs of wear, damage, or looseness. Ensure all components move freely and engage correctly.
- **Replacement:** If any part of the quick tensioner kit becomes damaged or excessively worn, replace it with genuine Stihl OEM parts to maintain optimal performance and safety.

Troubleshooting

Here are some common issues and their potential solutions related to the quick tensioner kit:

- **Chain not tensioning properly:**
  - Ensure the chain cover nuts are sufficiently loosened before attempting to adjust tension.
  - Check if the tensioning pin on the cover is correctly engaged with the hole in the guide bar.
  - Inspect the tensioning mechanism for debris or damage preventing its movement.
- **Chain cover difficult to remove/install:**
  - Ensure the chain brake is disengaged.
  - Check for excessive sawdust or debris buildup preventing proper seating.
  - Verify that the guide bar and chain are correctly positioned.
- **Chain becomes loose quickly after tensioning:**
  - Ensure the chain cover nuts are fully tightened after adjusting tension.
  - New chains can stretch; re-tension frequently during initial use.
  - Inspect the guide bar and chain for wear that might affect tension retention.

If problems persist, consult a qualified Stihl service technician.

Specifications

Attribute	Value
Brand	Stihl

Part Number (OEM)	1123 007 1008
Item Model Number	11230071008
Compatible Chainsaw Models	MS170, MS180, MS230, MS250, 017, 018, 021, 023, 025 series
Package Dimensions	8.43 x 5.04 x 1.46 inches
Item Weight	11.6 ounces
Manufacturer	Stihl

Warranty and Support

As an OEM part, this Stihl Quick Tensioner Kit is covered by Stihl's standard warranty for genuine replacement parts. Please retain your proof of purchase. For specific warranty details or technical support, please contact your authorized Stihl dealer or visit the official Stihl website. Always use genuine Stihl parts to ensure compatibility and maintain warranty coverage for your chainsaw.
For further assistance, you may refer to the main instruction manual of your specific Stihl chainsaw model.

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