DEWALT N738912

DEWALT N738912 Chainsaw Tension Knob Instruction Manual

Model: N738912

Introduction

This instruction manual provides essential information for the proper installation, operation, and maintenance of the DEWALT N738912 Replacement Chainsaw Tension Knob. This component is a genuine OEM part designed to ensure optimal performance and safety of your compatible DEWALT chainsaw.



Image: The DEWALT N738912 Chainsaw Tension Knob, a black plastic component with a metal gear shaft, designed for adjusting chain tension.

Compatibility

The DEWALT N738912 Tension Knob is compatible with the following DEWALT chainsaw models:

- DCCS620B Type 1
- DCCS620P1 Type 1
- DCCS670B Type 1
- DCCS670X1 Type 1
- DCCS690B Type 1
- DCCS690H1 Type 1
- DCCS690M1 Type 1

Always verify your chainsaw's model number before purchasing or installing replacement parts.

Product Description and Features

The N738912 is a genuine OEM replacement part manufactured by DEWALT. It is specifically designed to replace the original chain tension adjustment knob on compatible DEWALT chainsaws. This knob allows for precise adjustment of the chainsaw chain tension, which is crucial for safe and efficient operation.

- **Genuine OEM Part:** Ensures perfect fit and performance as per manufacturer specifications.
- **Durable Construction:** Made from robust plastic and metal components for longevity.
- **Easy Chain Tension Adjustment:** Facilitates quick and accurate chain tensioning.

Safety Information

WARNING: Always disconnect the chainsaw from its power source (remove battery or unplug from outlet) before performing any maintenance, adjustments, or part replacements. Failure to do so can result in serious personal injury.

- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, when handling chainsaw components.
- Ensure the chainsaw is on a stable, flat surface during installation.
- Refer to your chainsaw's main instruction manual for specific safety guidelines and detailed procedures.

Installation Instructions

Follow these general steps to replace the chainsaw tension knob. Specific procedures may vary slightly by

model; consult your chainsaw's original manual for detailed instructions.

1. **Prepare the Chainsaw:**
    - Ensure the chainsaw is turned off and completely disconnected from its power source (battery removed for cordless models, unplugged for corded models).
    - Place the chainsaw on a clean, stable workbench.
2. **Access the Tension Knob Area:**
    - Depending on your model, you may need to remove the side cover or chain brake assembly to access the tensioning mechanism. Refer to your chainsaw manual for specific disassembly steps.
3. **Remove the Old Tension Knob:**
    - Carefully observe how the existing tension knob is attached. It typically threads into a mechanism that adjusts the bar position.
    - Unscrew or detach the old knob. Note any washers or small components that come off with it.
4. **Install the New Tension Knob:**
    - Align the new N738912 tension knob with the tensioning mechanism.
    - Thread the new knob into place, ensuring it engages correctly with the internal components. Do not overtighten initially.
5. **Reassemble and Test:**
    - Reattach any covers or chain brake assemblies that were removed.
    - Once fully reassembled, perform a chain tension adjustment as described in the "Operation" section to ensure the new knob functions correctly.
    - Before operating the chainsaw, double-check all connections and ensure the chain is properly tensioned and the side cover is securely fastened.

Operation (Chain Tension Adjustment)

Proper chain tension is vital for safe and effective chainsaw operation. An improperly tensioned chain can derail, cause kickback, or wear prematurely.

1. **Safety First:** Ensure the chainsaw is off and the chain brake is engaged.
2. **Loosen Bar Nuts (if applicable):** On some models, you may need to slightly loosen the bar retaining nuts or bolts that hold the guide bar in place. Do not remove them completely.
3. **Adjust Tension:** Turn the N738912 tension knob.
    - Turning the knob clockwise typically increases chain tension.
    - Turning the knob counter-clockwise typically decreases chain tension.
4. **Check Tension:** The chain should be snug against the guide bar, but still able to be pulled freely by hand (with gloves on). There should be no significant sag on the underside of the bar. A common test is to lift the chain in the middle of the top of the bar; the drive links should not come out of the bar groove.
5. **Tighten Bar Nuts:** Once the correct tension is achieved, securely tighten the bar retaining nuts or bolts.
6. **Re-check Tension:** After tightening, re-check the chain tension as it can sometimes change slightly. Adjust if necessary.

Maintenance

To ensure the longevity and proper function of your tension knob and chainsaw:

- **Keep Clean:** Regularly clean sawdust and debris from around the tensioning mechanism.
- **Inspect for Damage:** Periodically inspect the knob for cracks, wear, or damage. Replace immediately if any damage is found.
- **Lubrication:** Ensure the tensioning screw mechanism is free of rust and operates smoothly. Light lubrication may be applied if recommended by your chainsaw's main manual.

Troubleshooting

Problem	Possible Cause	Solution
Knob is difficult to turn	Accumulation of sawdust/debris; rusted tensioning screw; damaged knob or mechanism.	Clean the area thoroughly. Apply light lubricant to the screw. Inspect for damage and replace if necessary.
Chain tension cannot be maintained	Worn tensioning mechanism; loose bar nuts; damaged guide bar or chain.	Ensure bar nuts are tightened. Inspect the tensioning mechanism for wear. Check guide bar and chain for damage.
Knob feels loose or wobbly	Improper installation; damaged knob or internal components.	Re-install the knob, ensuring proper engagement. Inspect for damage and replace if necessary.

If problems persist after following these steps, consult a qualified service technician or contact DEWALT customer support.

Specifications

Part Number	N738912
Manufacturer	DEWALT
Material	Plastic
Item Weight	0.704 ounces
Product Dimensions	0.39 x 0.39 x 0.39 inches
Power Source (Chainsaw)	Manual (for tension adjustment)

Warranty and Support

As a genuine OEM DEWALT part, the N738912 tension knob is typically covered under DEWALT's standard warranty for replacement parts. For specific warranty details, claims, or technical support, please refer to the warranty information provided with your original DEWALT chainsaw or visit the official DEWALT website. You can find more information and contact DEWALT support through their official channels.

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