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> [INGQI Trimmer Head Replacement for Homelite String Trimmer Models HBC32C, HBC33, HBC30, HBC38, HK15, HK18 \(After 1/1/86\) - Installation and Maintenance Guide](#)

## INGQI Trimmer Head Replacement

# INGQI Trimmer Head Replacement Instruction Manual

Model: Trimmer Head Replacement

Brand: INGQI

## 1. SAFETY INFORMATION

Before installing or operating the trimmer head, please read and understand all safety instructions. Failure to follow these instructions may result in serious injury.

- Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, long pants, and sturdy footwear, when working with string trimmers.
- Ensure the string trimmer's engine is off and the spark plug wire is disconnected before performing any installation, maintenance, or inspection.
- Keep hands, feet, and clothing away from the rotating trimmer head.
- Inspect the trimmer head for damage before each use. Do not use if damaged.
- Use only the recommended trimmer line size and type for your string trimmer and this head.
- Keep bystanders, especially children and pets, at a safe distance (at least 50 feet/15 meters) from the operating area.

## 2. PRODUCT OVERVIEW

This INGQI Trimmer Head is designed as a replacement part for various string trimmer models, offering reliable performance for your lawn and garden maintenance tasks.

### 2.1 Package Contents

- 1 x Trimmer Head (includes 1 x Roller, 1 x Hinge Pin, 1 x E-Ring Clip)

### 2.2 Compatibility

This trimmer head is compatible with a wide range of string trimmers. Please verify your specific model number against the list below:

- **For Homelite String Trimmers:** BCH20, BCH24, BCH32, BCH33, BCH40, BCH48, HBC20, HBC24, HBC32C, HBC33, HBC30, HBC38, HK15, HK18 (after 1/1/86), HK28, HK24 (after 1/1/86), HK25, HK30 (up to 1/86), HK33 (after 1/1/86), HK38, PBC3600, PBC3800, PBC4000, PLT3400, ST100, ST120, ST155, ST200, ST360, ST80, ST285, ST155, ST175, ST385, ST485, FK514, NBA524,

PMB522, ST100, ST200, ST400, SXD20, RK521, TK518.

- **For ECHO String Trimmers:** GT200, GT225, GT225i, GT225L, GT225SF, GT230, GT251, GT100, GT140, GT160, GT1000, GT1100, GT2000, GT2100, GT2101, GT2102, GT2103, GT2200, GT2301, GT2400, PAS210, PAS211, PAS225, PAS225VP, PAS225VPB, PAS230, PAS231, PAS260, PAS261, PAS265, PAS266, PAS280, PAS2100, PAS2400, PAS2601, SRM 210, SRM 225, SRM 200, SRM 230, SRM 250, SRM 265, SRM 266, SRM 280, SRM 2100, SRM 2400, SRM140, SRM200, SRM202, SRM210, SRM230, SRM250, SRM251, SRM260, SRM261, SRM265, SRM266, SRM266S, SRM266T, SRM266U.
- **For RedMax String Trimmers:** BC220DL, BC221DL, BC300DL, BC2300DL, BK235FL, BK345FL, BK435FL, BK530DL, BC17, BC23.
- **For Shiandaiwa String Trimmers:** T195S, T220, T222, T230, T230s, T231, T242, T242X, T2510, T2510X, 22T, C230, C242, C2510.



Figure 1: Side view of the INGQI Trimmer Head Replacement with pre-installed trimmer line.

### 3. INSTALLATION INSTRUCTIONS

Follow these steps to replace your old trimmer head with the new INGQI Trimmer Head. Always refer to your string trimmer's original manual for specific instructions if available.

#### 3.1 Tools Required

- Wrench (size may vary depending on your trimmer's shaft bolt)
- Gloves

#### 3.2 Step-by-Step Installation

1. **Prepare the Trimmer:** Ensure the string trimmer is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.
2. **Remove Old Trimmer Head:** Locate the bolt or nut securing the old trimmer head to the trimmer shaft. Use a wrench to loosen and remove it. Some trimmers may have a locking pin to hold the shaft still while loosening. Turn the bolt/nut in the direction indicated by your trimmer's manual (often reverse thread).
3. **Clean Shaft:** Clean any debris or grass buildup from the trimmer shaft threads.
4. **Install New Trimmer Head:** Align the new INGQI Trimmer Head with the trimmer shaft. The head typically screws onto the shaft. Ensure it is seated correctly.
5. **Secure the Head:** Tighten the bolt or nut firmly. Do not overtighten, as this can damage the threads.
6. **Verify Installation:** Gently tug on the trimmer head to ensure it is securely attached and does not wobble. Reconnect the spark plug wire.



Figure 2: Top-down view of the trimmer head, showing the central mounting point.



Figure 3: Angled top view of the trimmer head, illustrating its compact design.

## 4. OPERATING INSTRUCTIONS

Once the trimmer head is securely installed, you can operate your string trimmer as usual. Always follow your trimmer's manufacturer guidelines for safe operation.

### 4.1 General Operation

- Start the trimmer engine according to its instructions.
- Hold the trimmer firmly with both hands.
- Maintain a balanced stance and keep the trimmer head away from your body.
- Cut grass by swinging the trimmer head from side to side, using the tip of the line.

### 4.2 Line Feeding

This trimmer head typically uses a bump-feed mechanism. To advance the trimmer line:

1. While the trimmer engine is running at full throttle, lightly tap the bottom of the trimmer head on a firm, flat surface (e.g., the ground).
2. The impact will release a small amount of line. The trimmer's line-cutting blade (if equipped) will trim the line to the correct length.
3. Repeat as necessary when the line becomes too short.



Figure 4: The trimmer head in use on a string trimmer, demonstrating its function during grass trimming.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your trimmer head.

### 5.1 Replacing Trimmer Line

When the trimmer line runs out, it needs to be replaced. This head is designed for easy line reloading.

1. **Turn Off Trimmer:** Ensure the trimmer is off and the spark plug wire is disconnected.
2. **Remove Old Line (if any):** If there are short pieces of line remaining, pull them out.
3. **Align Head:** Look for arrows or indicators on the trimmer head and align them. This typically aligns the internal spool with the line exit holes.
4. **Insert New Line:** Take a length of new trimmer line (refer to your trimmer's manual for recommended diameter and length). Push one end of the line through one of the line exit holes and

continue pushing it through the head until it comes out the opposite exit hole.

5. **Equalize Line:** Pull the line through until an equal length extends from both sides of the trimmer head.
6. **Wind Line:** Rotate the bump knob or the top of the trimmer head in the direction indicated by an arrow (usually clockwise) to wind the line into the spool. Keep winding until only about 6-8 inches of line extend from each side.
7. **Verify:** Ensure the line is securely wound and both ends are extended.



Figure 5: Close-up view of the trimmer head's side, highlighting the line exit points and the internal mechanism for line feeding.

## 5.2 Cleaning and Storage

- After each use, clean the trimmer head to remove grass clippings, dirt, and debris. This prevents buildup that can hinder performance.
- Use a stiff brush or cloth. Avoid using harsh chemicals that could damage the plastic.
- Store the trimmer head in a clean, dry place, away from direct sunlight and extreme temperatures.

## 6. TROUBLESHOOTING

If you encounter issues with your trimmer head, refer to the following common problems and solutions:

- **Line Not Feeding:**
  - Check if the line is tangled or jammed inside the spool.
  - Ensure the line is not fused together due to heat. Rewind the line if necessary.
  - Verify that the line is of the correct diameter and type for the head.
- **Trimmer Head Not Spinning:**
  - Ensure the trimmer head is securely attached to the shaft.
  - Check for any obstructions (e.g., thick grass, debris) preventing rotation.
  - Inspect the trimmer's drive shaft and clutch for issues (refer to your trimmer's manual).
- **Excessive Vibration:**

- Ensure the trimmer line is evenly distributed and cut to equal lengths on both sides.
- Check if the trimmer head is properly balanced and securely mounted.

## 7. SPECIFICATIONS

- **Part Numbers Replaced:** 99944200907, 99944200902, 78890-30000, 78890-11000, 78890-18001
- **Material:** Durable plastic and metal components
- **Type:** Bump-feed trimmer head

## 8. WARRANTY AND SUPPORT

This product is manufactured to high-quality standards. If you encounter any issues or have questions regarding the installation, operation, or compatibility of your INGQI Trimmer Head Replacement, please contact the seller directly through your purchase platform. Provide your order details for prompt assistance. All parts are tested and quality controlled prior to shipment.