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› Yermax 99944200907 Universal Trimmer Head Instruction Manual

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Model: 99944200907

1. INTRODUCTION

1.1 Product Overview

The Yermax 99944200907 Universal Trimmer Head is designed as a replacement for various string trimmer models, specifically those using the Speed Feed 400 system. This head is engineered for durability and ease of line replacement, providing efficient trimming performance.

1.2 Intended Use

This trimmer head is intended for use with compatible gasoline-powered string trimmers for cutting grass, weeds, and light brush. It is not designed for heavy-duty clearing or cutting woody materials. Always refer to your string trimmer's original manual for specific operating instructions and safety guidelines.



Figure 1: Assembled Yermax Universal Trimmer Head. This image shows the complete trimmer head with orange trimmer line extending from both sides.

2. SAFETY INFORMATION

Always prioritize safety when working with power tools. Failure to follow these safety instructions may result in serious injury.

- Read and understand all instructions in this manual and your string trimmer's manual before installation or operation.
- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, gloves, long pants, and sturdy footwear.
- Ensure the string trimmer engine is off and cool before performing any installation, maintenance, or line replacement.
- Keep bystanders, children, and pets at a safe distance (at least 15 meters or 50 feet) from the work area.
- Inspect the trimmer head for damage before each use. Do not use if damaged.

- Use only recommended trimmer line.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Universal Trimmer Head (assembled)
- Multiple Bushings:
 - 8mm x 1.25mm LH Bushing (Red)
 - 10mm x 1.0mm LH Bushing (Green)
 - 10mm x 1.25mm LH Bushing (Gold)
 - 10mm x 1.25 LH Long Bushing (Silver)
 - 3/8-24 RH Bushing (Black)
- Multiple Mounting Studs:
 - 7mm x 10mm (LH) Mounting Stud (Gold)
 - 8mm x 10mm (LH) Mounting Stud (Silver)
 - 8mm x 3/8-24 (RH) Mounting Stud (Black)



Figure 2: Included bushings and mounting studs. This image displays various sizes and types of bushings and studs, color-coded for identification, which are used to adapt the trimmer head to different string trimmer models.

4. COMPATIBILITY

This universal trimmer head is designed to replace Speed Feed 400 models and is compatible with a wide range of string trimmers. Please confirm your engine's model and part numbers before purchase to ensure compatibility.

Refer to the list below for common compatible models:

- **Replaces Part Numbers:** 99944200907, 99944200900, 99944200902.
- **Homelite Models:** CH20, BCH24, BCH32, BCH33, BCH40, BCH48, HBC-30, HBC-38, HK-15, HK 18 (after 1/1/86), HK-28, HK24 (after 1/1/86), HK-25, HK-30 (up to 1/86), HK-33 (after 1/1/86), HK-38, PBC-3600, PBC-3800, PBC-4000, PLT3400, ST-285, ST155, ST175, ST385, ST485.
- **Echo Models:** SRM210, SRM210SB, SRM211, SRM211SB, SRM225, SRM225SB, SRM260SB, SRM261SB, SRM2100SB, SRM2400SB string trimmers; PAS210, PAS211, PAS225, PAS225VP, PAS225VPB, PAS230, PAS231, PAS260, PAS261, PAS265, PAS266, PAS280, PAS2100, PAS2400, PAS2601.
- **Redmax Models:** BC260DL, BC261DL, BC262DL, BC340DL, BC341DL, BC342DL, BC2600DL, BC430DWM, BC440DWM, BK346FL, BK245FLK, BK436FL, BC245A, BC260DM/DMU, BC340DWM/FW, BC431DWM,

BCD20, BCF01, BC2601S, BC3400DW, BC4400DW, BCX2600DS, BCZ2500S/SU/SW.

- **Stihl Models:** FS66, FS74, FS76, FS81, FS83, FS85, FS86, FS100, FS106, FS108, FS110, FS130, FS250, FS44, FS45, FS46, FS48, FS52, FS56, FS62, FS66, FS85, FS86, FS88, FS96, FS106, FS108, FS120, FS200, FS350, FS450, FS550.

5. SETUP AND INSTALLATION

5.1 Preparation

1. Ensure your string trimmer's engine is turned off and has cooled down.
2. Disconnect the spark plug wire to prevent accidental starting.
3. Remove the existing trimmer head according to your trimmer's manufacturer instructions. This usually involves holding the shaft to prevent rotation and unscrewing the head.

5.2 Selecting the Correct Bushing and Stud

The Yermax Universal Trimmer Head comes with various bushings and mounting studs to fit different trimmer shaft threads. Identify the correct bushing and stud combination that matches your trimmer's shaft thread. Refer to your trimmer's manual or compare the threads directly.

- Match the thread type (Left-Hand LH or Right-Hand RH) and size (e.g., 8mm x 1.25mm, 10mm x 1.25mm, 3/8-24).
- Insert the chosen bushing into the center of the trimmer head.
- Thread the appropriate mounting stud into the bushing.



Figure 3: Disassembled trimmer head components. This image shows the top cover, the internal spool with pre-wound line, and the bottom plate, illustrating how the head can be opened for maintenance or line replacement.

5.3 Attaching the Trimmer Head

1. Once the correct bushing and stud are installed in the trimmer head, align the head with the trimmer shaft.
2. Thread the trimmer head onto the shaft. Ensure it is tightened securely by hand. Some trimmers may require a wrench to fully secure the head.

3. Verify that the trimmer head is firmly attached and does not wobble.
4. Reconnect the spark plug wire.

6. OPERATING INSTRUCTIONS

6.1 Loading Trimmer Line (Speed Feed System)

This trimmer head utilizes a speed feed system for quick line loading:

1. Align the eyelets on the trimmer head with the arrows or markings on the head.
2. Feed a length of new trimmer line (typically 0.095" or 0.105" diameter, refer to your trimmer's manual for recommended size) straight through one eyelet and out the other until the line is evenly distributed on both sides.
3. Rotate the bump knob (or the entire head if it's a fixed knob) clockwise to wind the line into the spool. The line will automatically wind evenly.
4. Stop winding when approximately 6-8 inches of line extend from each side.

6.2 General Trimming Guidelines

- Start the trimmer engine according to its manufacturer's instructions.
- Maintain a firm grip on the trimmer and keep your balance.
- Use a sweeping motion to cut grass and weeds.
- To advance more line during operation, gently tap the trimmer head on the ground while the engine is running at full throttle. The centrifugal force will extend the line, and the cutting blade on the guard will trim it to the correct length.
- Avoid hitting hard objects like rocks, fences, or concrete, as this can damage the trimmer head and line.

7. MAINTENANCE

7.1 Cleaning

- After each use, ensure the trimmer engine is off and cool, and the spark plug wire is disconnected.
- Clean the trimmer head of any accumulated grass, dirt, or debris using a stiff brush or cloth.
- Periodically inspect the head for cracks or excessive wear.

7.2 Line Replacement

When the trimmer line runs out or becomes too short, replace it using the speed feed method described in Section 6.1. Ensure you use the correct diameter and type of line recommended for your trimmer.

7.3 Storage

Store the trimmer head in a clean, dry place away from direct sunlight and extreme temperatures when not in use. If storing the entire trimmer, follow the manufacturer's storage guidelines.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Trimmer head does not spin or spins slowly.	Incorrect installation; debris caught in head; damaged trimmer shaft.	Re-check installation; clean head thoroughly; inspect trimmer shaft for damage.
Trimmer line does not feed out.	Line tangled inside head; incorrect line loading; line fused together; insufficient engine RPM.	Open head and untangle/re-spool line; ensure line is loaded correctly; replace old line; ensure engine is at full throttle when bumping.
Excessive vibration from trimmer head.	Improperly installed head; damaged head; unbalanced line length.	Ensure head is securely tightened; inspect head for damage and replace if necessary; ensure line lengths are equal on both sides.

If troubleshooting steps do not resolve the issue, consult a qualified service technician or refer to your string trimmer's original manual.

9. SPECIFICATIONS

Feature	Detail
Model Number	99944200907
Replacement for	Speed Feed 400
Diameter	Approximately 4.05 inches (10.29 cm)
Height	Approximately 2.40 inches (6.10 cm)
Weight	453.59 grams (approx. 1 lb)
Included Bushings	8mm x 1.25mm LH (Red), 10mm x 1.0mm LH (Green), 10mm x 1.25mm LH (Gold), 10mm x 1.25 LH Long (Silver), 3/8-24 RH (Black)
Included Mounting Studs	7mm x 10mm (LH) (Gold), 8mm x 10mm (LH) (Silver), 8mm x 3/8-24 (RH) (Black)



Figure 4: Trimmer head dimensions. This image illustrates the approximate diameter (4.05 inches) and height (2.40 inches) of the assembled trimmer head.

10. WARRANTY AND SUPPORT

Specific warranty information for the Yermax 99944200907 Universal Trimmer Head is not provided in the product details. For warranty claims or technical support, please contact the retailer or manufacturer directly using the contact information provided at the point of purchase.