

Homelite HOM311100002

Homelite OEM HOM311100002 String Trimmer Lower Boom Assembly Instruction Manual

Model: HOM311100002

1. INTRODUCTION

This manual provides instructions for the Homelite OEM HOM311100002 String Trimmer Lower Boom Assembly. This component is a genuine replacement part designed to restore the functionality of your compatible Homelite string trimmer.

Compatible Models:

- UT26CSEMC
- UT26CSEMCVNM
- UT26CSL3
- UT26CSL3EMCVNM
- UT26CSL3VNM
- UT33600
- UT33600B
- UT33600BVNM
- UT33650
- UT33650BVNM



Image 1: Homelite HOM311100002 String Trimmer Lower Boom Assembly. This image shows the complete lower boom assembly, typically a long shaft with connection points at both ends.

2. SAFETY INFORMATION

Always prioritize safety when working with power tools and their components. Read and understand the safety guidelines provided in your main string trimmer's instruction manual before attempting any installation or maintenance.

- **Disconnect Power:** Ensure the string trimmer is turned off and disconnected from its power source (e.g., spark plug wire removed for gas models, battery removed for cordless models, unplugged for electric models) before beginning any work.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE) such as safety glasses, gloves, and sturdy footwear.
- **Use Correct Tools:** Only use tools suitable for the task to avoid damage to the part or injury.
- **Work in a Safe Environment:** Ensure your workspace is well-lit, clean, and free from obstructions.
- **Keep Children and Bystanders Away:** Maintain a safe distance from others during assembly or repair.

3. PACKAGE CONTENTS

The package for the Homelite OEM HOM311100002 String Trimmer Lower Boom Assembly typically includes:

- 1 x Homelite OEM HOM311100002 Lower Boom Assembly

Note: Additional fasteners or tools required for installation are usually not included and should be retained from the original unit or purchased separately.

4. SETUP AND INSTALLATION

This section provides general guidance for replacing the lower boom assembly. Specific steps may vary depending on your string trimmer model. Always refer to your specific trimmer's owner's manual for detailed instructions.

1. **Prepare the Trimmer:** Ensure the trimmer is powered off and disconnected from its power source. Place it on a stable, flat surface.
2. **Remove the Old Boom Assembly:**
 - Locate the connection point between the upper and lower boom assemblies. This is often secured by screws, clamps, or a quick-release mechanism.
 - Carefully loosen or remove any fasteners holding the old lower boom assembly in place.
 - Gently separate the old lower boom assembly from the upper shaft. Note how the drive shaft connects.
3. **Inspect Components:** Before installing the new assembly, inspect the drive shaft and any connecting components on the upper shaft for wear or damage.
4. **Install the New Boom Assembly:**
 - Align the drive shaft of the new HOM311100002 lower boom assembly with the corresponding opening in the upper shaft.
 - Carefully slide the new lower boom assembly into place, ensuring the drive shaft engages correctly.
 - Secure the new assembly using the original fasteners. Ensure all screws are tightened securely, but do not overtighten.
5. **Test Connection:** Once installed, gently twist the lower boom assembly to ensure it is firmly attached and does not wobble.



Image 2: A close-up view of a section of the lower boom assembly, possibly showing a connection point or a specific feature. This image helps visualize the component's structure.



Image 3: Another detailed view of the Homelite lower boom assembly, highlighting a different angle or component. This image provides further visual context for the part.

5. OPERATION

The Homelite OEM HOM311100002 Lower Boom Assembly is a structural and functional component of your string trimmer. Its operation is directly integrated with the overall function of the string trimmer. Once correctly installed, the trimmer should operate as intended, transferring power from the engine/motor to the cutting head.

Refer to your string trimmer's main instruction manual for detailed operating procedures, including starting, stopping, and safe usage practices.

6. MAINTENANCE

Proper maintenance extends the life of your lower boom assembly and ensures safe operation of your string trimmer.

- **Regular Inspection:** Periodically inspect the boom assembly for any signs of damage, cracks, bends, or loose connections.
- **Cleanliness:** Keep the exterior of the boom assembly clean from dirt, debris, and grass clippings. Use a damp cloth for cleaning.
- **Fastener Check:** Ensure all fasteners securing the boom assembly are tight. Re-tighten if necessary, but do not

overtighten.

- **Lubrication:** If your trimmer's manual specifies lubrication points for the drive shaft or connections within the boom, follow those instructions.
- **Storage:** Store the trimmer in a clean, dry place when not in use to prevent corrosion or damage to the boom assembly.

7. TROUBLESHOOTING

If you experience issues after installing the new lower boom assembly, consider the following:

- **Trimmer Not Starting/Running Poorly:**
 - Ensure the boom assembly is fully seated and all connections are secure.
 - Verify that the drive shaft is correctly engaged.
 - Consult your main trimmer manual for general starting and running issues, as the boom assembly itself typically does not cause these problems unless incorrectly installed.
- **Excessive Vibration:**
 - Check for loose connections or fasteners.
 - Inspect the cutting head and line for balance issues.
 - Ensure the boom assembly is not bent or damaged.
- **Unusual Noises:**
 - Investigate for loose parts or debris caught within the assembly.
 - If the noise is a grinding sound, the drive shaft might not be properly engaged or could be damaged.

If problems persist, discontinue use and consult a qualified service technician or Homelite customer support.

8. SPECIFICATIONS

Feature	Detail
Part Number	HOM311100002
Brand	Homelite
Manufacturer	Homelite Ryobi TTI
Material	Plastic
Product Dimensions (L x W x H)	121.92 x 121.92 x 121.92 cm
Item Weight	608 g
Automotive Fit Type	Vehicle Specific Fit (<i>Note: This is a general classification; the part is for string trimmers.</i>)
OEM Equivalent Part Number	HOM311100002

9. WARRANTY AND SUPPORT

For information regarding the warranty of your Homelite OEM HOM311100002 Lower Boom Assembly, please refer to the warranty documentation included with your original string trimmer or visit the official Homelite website. As an OEM replacement part, its warranty coverage may be tied to the original product's warranty or a separate parts warranty. For technical support, replacement part inquiries, or service assistance, please contact Homelite customer service directly through their official website or the contact information provided in your original product manual.

Official Homelite Website: www.homelite.com (Note: This link is a placeholder; please verify the current official Homelite support website.)

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