

Einhell GC-PM 46/1 S B&S

Einhell GC-PM 46/1 S B&S Lawnmower Replacement Blade User Manual

Model: GC-PM 46/1 S B&S

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1. INTRODUCTION

This manual provides essential instructions for the safe and correct installation, operation, and maintenance of your Einhell GC-PM 46/1 S B&S Lawnmower Replacement Blade. Please read this manual thoroughly before attempting any installation or maintenance procedures. Proper use and care will ensure optimal performance and extend the lifespan of your blade.

2. SAFETY INSTRUCTIONS

Always prioritize safety when handling sharp objects and operating power tools. Failure to follow these instructions may result in serious injury.

- **Disconnect Power:** Before performing any work on the lawnmower, always ensure the spark plug cap is removed (for petrol mowers) or the power cord is disconnected (for electric mowers) to prevent accidental starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves, safety glasses, and appropriate footwear when handling the blade.

- **Secure the Lawnmower:** Tilt the lawnmower onto its side with the carburetor/air filter facing upwards to prevent fuel or oil leakage. Ensure it is stable and cannot tip over during blade replacement.
- **Sharp Edges:** The replacement blade is extremely sharp. Handle with extreme care to avoid cuts.
- **Correct Blade:** Ensure you are using the correct replacement blade for your specific Einhell GC-PM 46/1 S B&S lawnmower model.
- **Tighten Fasteners:** Ensure all bolts and nuts are securely tightened to the manufacturer's specifications after installation.
- **Inspect Before Use:** After replacing the blade, inspect the lawnmower for any loose parts or damage before starting.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon opening the package.

- 1 x Einhell GC-PM 46/1 S B&S Lawnmower Replacement Blade (Length 46 cm)



Image 1: Einhell GC-PM 46/1 S B&S Lawnmower Replacement Blade. This image displays the black metal replacement blade, approximately 46 cm in length, designed for the specified Einhell lawnmower model.

4. SETUP & INSTALLATION

Follow these steps carefully to replace the lawnmower blade.

1. Prepare the Lawnmower:

- Ensure the lawnmower engine is off and cool.
- Remove the spark plug cap to prevent accidental starting.
- Empty the fuel tank if possible, or ensure it is nearly empty to prevent spills.
- Tilt the lawnmower onto its side, ensuring the carburetor/air filter is facing upwards. Secure it to prevent movement.

2. Remove the Old Blade:

- Using a block of wood or a specialized blade removal tool, secure the old blade to prevent it from turning.
- Using a wrench, loosen and remove the blade bolt(s) that hold the blade to the engine shaft. Note the orientation of any washers or spacers.
- Carefully remove the old blade. Dispose of it safely, as it may still be sharp.

3. Clean the Blade Area:

- Clean any grass clippings or debris from the underside of the mower deck and around the blade mounting area.
- Inspect the blade adapter and engine shaft for any damage or wear.

4. Install the New Blade:

- Position the new Einhell replacement blade onto the blade adapter, ensuring the cutting edges are facing the correct direction (usually indicated by arrows on the blade or the mower deck). The curved ends of the blade should point upwards towards the mower deck.
- Reinstall any washers or spacers in their original orientation.
- Insert the blade bolt(s) and hand-tighten them.

5. Tighten the Blade Bolt(s):

- Secure the blade again with a block of wood or blade tool.
- Using a torque wrench, tighten the blade bolt(s) to the manufacturer's specified torque setting. If a torque setting is not available, tighten firmly.

6. Final Check:

- Ensure the blade is securely fastened and rotates freely without obstruction.
- Return the lawnmower to its upright position.
- Reattach the spark plug cap.

5. OPERATING WITH THE NEW BLADE

After successful blade replacement, your lawnmower is ready for operation. Refer to your lawnmower's original instruction manual for specific operating procedures.

- **Test Run:** Start the lawnmower in a clear area and allow it to run for a few moments. Listen for any unusual noises or vibrations. If any issues are detected, immediately shut off the engine and re-inspect the blade installation.
- **Cutting Performance:** A new, sharp blade will significantly improve cutting performance, resulting in

a cleaner cut and healthier lawn.

6. MAINTENANCE

Regular maintenance of your blade ensures optimal cutting performance and safety.

- **Clean After Each Use:** After each mowing session, disconnect the spark plug and carefully clean grass clippings and debris from the blade and underside of the mower deck. This prevents rust and maintains balance.
- **Inspect for Damage:** Regularly inspect the blade for nicks, bends, or cracks. A damaged blade can cause excessive vibration and poor cutting quality, and can be dangerous. Replace severely damaged blades immediately.
- **Sharpening:** The blade can be sharpened when it becomes dull. Use a blade sharpener or file, maintaining the original blade angle. Ensure the blade remains balanced after sharpening to prevent vibration. If unsure, consult a professional.
- **Storage:** When storing the lawnmower for extended periods, ensure the blade is clean and dry. Applying a light coat of oil can help prevent rust.

7. TROUBLESHOOTING

If you encounter issues after replacing the blade, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Excessive vibration after blade replacement	Blade not properly balanced or installed incorrectly. Blade bolt not tightened sufficiently. Blade is bent or damaged.	Ensure blade is centered and bolt is tight. Check blade for bends or damage; replace if necessary. Verify blade is balanced after sharpening.
Poor cutting quality (uneven cut, torn grass)	Blade is dull or installed upside down.	Sharpen or replace the blade. Check blade orientation; ensure cutting edges face down.
Lawnmower not starting after blade replacement	Spark plug cap not reconnected. Safety interlock engaged.	Reconnect the spark plug cap. Ensure all safety levers are engaged correctly.

8. SPECIFICATIONS

Key technical details for the Einhell GC-PM 46/1 S B&S Replacement Blade.

Feature	Detail
Brand	Einhell

Feature	Detail
Model	GC-PM 46/1 S B&S
Model Number	3405785
Material	Metal
Color	Black
Cutting Width	46 Centimeters (18.1 inches)
Item Weight	1.6 Pounds (0.73 kg)
Product Dimensions (D x W x H)	19.69"D x 2.76"W x 1.18"H (50cm D x 7cm W x 3cm H)
Included Components	1 x Replacement blade for GC-PM 46/1 S B&S

9. WARRANTY & SUPPORT

This Einhell replacement blade is designed for durability and performance. For specific warranty information regarding this accessory, please refer to the documentation provided with your original Einhell lawnmower or contact Einhell customer support directly.

EU Spare Part Availability: This product has an EU spare part availability duration of 1 year.

For technical assistance, spare parts, or warranty claims, please visit the official Einhell website or contact their authorized service centers.