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› [BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set \(BDA91109\) Instruction Manual](#)

BLACK+DECKER BDA91109

BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set (BDA91109) Instruction Manual

Model: BDA91109

INTRODUCTION

This manual provides essential information for the safe and effective use of your BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set (BDA91109). This versatile set is designed to assist with a wide range of household and DIY projects, offering a comprehensive collection of bits for various materials and applications.

SAFETY INFORMATION

Always observe basic safety precautions when using power tools and accessories to reduce the risk of personal injury. Read and understand all instructions before use.

- **Eye Protection:** Always wear appropriate eye protection (safety glasses or goggles) when operating power tools and using drill/screwdriver bits.
- **Hand Protection:** Wear work gloves to protect your hands from sharp edges and debris.
- **Secure Workpiece:** Always secure the workpiece firmly to prevent movement during drilling or driving. Use clamps or a vise.
- **Proper Bit Selection:** Use the correct type and size of bit for the material and task. Using an incorrect bit can lead to breakage or damage.
- **Inspect Bits:** Before each use, inspect bits for damage, cracks, or excessive wear. Replace damaged bits immediately.
- **Avoid Overheating:** Allow bits to cool down during prolonged use to prevent overheating, which can reduce bit life and performance.
- **Keep Area Clear:** Ensure your work area is clean and free of obstructions.

PACKAGE CONTENTS

Your BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set (BDA91109) includes a variety of accessories housed in a durable, portable hard case with a plastic latch closure and extra storage compartments. The set is designed to provide the necessary tools for common drilling and screwdriving tasks.



The image above displays the BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set in its open hard case. The case is organized with compartments for different types and sizes of bits, including steel drill bits, 1-inch and 2-inch screwdriving bits, and a section for screws, highlighting the comprehensive nature of the set.

Included Components:

- Variety of Steel Drill Bits (for wood, metal, plastic, masonry)
- Variety of 1-inch Screwdriving Bits
- Variety of 2-inch Screwdriving Bits
- Nut Drivers
- Magnetic Bit Holder
- Assorted Screws
- Durable Hard Storage Case

Your browser does not support the video tag.

This video provides a brief overview of the BLACK+DECKER Screwdriver Bit Set / Drill Bit Set (BDA91109), showcasing the various components and the organized layout within its hard case. It highlights the different types of bits included for diverse applications.

SETUP

Inserting a Bit:

1. Ensure your drill/driver is turned off and unplugged (if corded) or the battery is removed (if cordless).
2. Open the chuck of your drill/driver by rotating it counter-clockwise until the jaws are wide enough to accept the bit.

3. Insert the shank of the desired drill or screwdriver bit into the chuck. Ensure it is inserted as far as possible to provide maximum grip and stability.
4. Tighten the chuck by rotating it clockwise until the bit is securely held. For keyless chucks, hand-tighten firmly. For keyed chucks, use the chuck key to ensure a tight grip.

Removing a Bit:

1. Ensure your drill/driver is turned off and unplugged (if corded) or the battery is removed (if cordless).
2. Rotate the chuck counter-clockwise to loosen the jaws.
3. Carefully remove the bit. Be cautious as bits may be hot after use.
4. Close the chuck slightly to prevent debris from entering.

OPERATING INSTRUCTIONS

General Use:

- Always select the appropriate bit for the material and fastener type.
- Apply steady, even pressure. Avoid excessive force, which can cause bits to break or strip fasteners.
- Use a slow speed for starting holes or driving screws, increasing speed as needed.

Drilling into Wood, Metal, and Plastic:

- Use the appropriate steel drill bits.
- For metal, use a center punch to mark the drilling spot to prevent the bit from wandering. Use cutting oil for harder metals to reduce friction and heat.
- For wood, start with a pilot hole if necessary, especially for larger screws or to prevent splitting.



This image shows a person using a BLACK+DECKER drill to create a hole in a wooden surface, demonstrating the ideal sizes of bits for a variety of household projects.

Drilling into Masonry:

- Use the specialized masonry drill bits included in the set.
- If your drill has a hammer function, activate it for masonry drilling.
- Apply firm, consistent pressure.



The image illustrates a person using a BLACK+DECKER drill to install a fixture on a wall, showcasing the versatility of the drill bits for different materials like masonry.

Screwdriving:

- Select the correct screwdriver bit (Phillips, flathead, square, Torx) that matches the fastener head.
- Use the magnetic bit holder for added convenience and to prevent screws from falling.
- Apply steady pressure to keep the bit engaged with the screw head and prevent stripping.



This image shows a close-up of a person using a BLACK+DECKER drill with a screwdriver bit, highlighting the availability of 1-inch and 2-inch bit tips for various screwdriving applications.

MAINTENANCE

- **Cleaning:** After each use, wipe down bits to remove dust, debris, and any residue. A dry cloth is usually sufficient. For stubborn grime, use a mild solvent and ensure bits are completely dry before storage.
- **Storage:** Always store bits in their original hard case. This protects them from damage, prevents loss, and keeps them organized. Store the case in a dry environment to prevent rust.
- **Inspection:** Periodically inspect all bits for signs of wear, dullness, or damage. Dull bits can be less effective and may cause damage to materials or fasteners. Replace worn or damaged bits as needed.

TROUBLESHOOTING

- **Bit Breaking:** Ensure you are using the correct bit for the material and applying appropriate pressure. Avoid bending or twisting the bit during operation.
- **Bit Slipping in Chuck:** Make sure the bit is fully inserted into the chuck and tightened securely. Check the

chuck jaws for wear or damage.

- **Difficulty Drilling:** Verify that the bit is sharp and suitable for the material. Adjust drill speed and pressure. For hard materials, consider using a pilot hole or a more powerful drill.
- **Stripping Screw Heads:** Ensure the screwdriver bit perfectly matches the screw head. Apply firm, consistent pressure and use a slower speed.

SPECIFICATIONS

Feature	Detail
Model Number	BDA91109
Number of Pieces	109
Material	Alloy Steel
Finish Type	Brushed
Shank Type	Straight
Surface Recommendation	Masonry, Metal, Plastic, Wood
Item Weight	2.8 pounds
Product Dimensions	12 x 2.5 x 8.5 inches
Special Features	Portable Hard Storage Case



This image provides a visual representation of the dimensions of the BLACK+DECKER 109-Piece Drill Bit and Screwdriver Bit Set case, indicating its compact and portable design.

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the official

BLACK+DECKER website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.