DEWALT DW2735P

DEWALT DW2735P 12 Pc Drill-Drive Set Instruction Manual

1. Introduction

The DEWALT DW2735P 12 Pc Drill-Drive Set is designed for efficient and quick transitions between drilling pilot holes and driving screws. This versatile set is ideal for various woodworking and general construction tasks, providing essential bits for common applications. This manual provides detailed instructions for the safe and effective use, maintenance, and troubleshooting of your drill-drive set.

2. Product Overview

The DEWALT DW2735P set includes a quick-change flip drive mechanism, various drill bits, and screwdriver bits, all housed in a durable, organized case. The flip drive allows for rapid switching between drilling and driving functions without changing chucks.



Figure 1: The DEWALT DW2735P 12 Pc Drill-Drive Set, including the quick-change flip drive, drill bits, and screwdriver bits in its protective case.

Included Components:

- Quick-Change Flip Drive Mechanism
- Black Oxide Split-Point Drill Bits (various sizes for wood, plastic, and soft metals)
- Multi-Cutter Countersink Bits (various sizes for flush screw heads)
- Screwdriver Bits (common Phillips, flathead, and square drive types)
- Hex Key (for adjusting countersink bits)
- Durable Storage Case



Figure 2: A detailed view of the various drill bits and screwdriver bits neatly organized within the DEWALT DW2735P case.

3. Setup

1. **Select the Correct Bit:** Choose the appropriate drill bit for creating a pilot hole and the corresponding screwdriver bit for the fastener you will be using. For countersinking, select the correct size countersink bit.
2. **Insert Bit into Flip Drive:** Insert the selected drill bit into one end of the quick-change flip drive and the selected screwdriver bit into the other end. Ensure both bits are securely seated by pulling back the collar, inserting the bit, and releasing the collar to lock it in place.
3. **Adjust Countersink (if applicable):** If using a countersink bit, use the provided hex key to adjust the depth stop. This ensures the screw head sits flush or below the material surface.
4. **Attach Flip Drive to Drill:** Insert the hex shank of the flip drive into your power drill's chuck. Tighten the chuck securely to prevent slippage during operation.

4. Operating Instructions

4.1. Drilling Pilot Holes

1. Ensure the drill bit is exposed and securely locked in the flip drive.
2. Position the drill bit on the marked spot of your workpiece.
3. Apply steady, even pressure and activate your power drill. Drill to the desired depth, ensuring the pilot hole is appropriate for your fastener.

4.2. Switching to Driving Mode

1. Release the trigger of your power drill.
2. Pull back the quick-release collar on the flip drive mechanism.
3. Rotate the flip drive 180 degrees to expose the screwdriver bit.
4. Release the quick-release collar to lock the screwdriver bit firmly in place.

4.3. Driving Screws

1. Position the screwdriver bit onto the head of your fastener.
2. Apply firm, consistent pressure and activate your power drill to drive the screw.
3. Avoid over-tightening, which can strip the screw head or damage the material.

4.4. Using Countersink Bits

1. Ensure the countersink bit is properly adjusted for the desired depth.
2. Drill into the material until the countersink creates a recess for the screw head to sit flush or slightly below the surface.

5. Maintenance

- **Cleaning:** After each use, clean all bits and the flip drive mechanism to remove sawdust, metal shavings, and other debris. Use a dry cloth or a soft brush.
- **Lubrication:** For optimal performance and extended life, especially when drilling into metal, apply a suitable cutting fluid or lubricant to the drill bits.
- **Storage:** Always store the bits and flip drive in the provided durable case. This protects them from damage, prevents loss, and keeps them organized.
- **Inspection:** Regularly inspect all bits for signs of wear, dullness, or damage. Replace any worn or damaged bits immediately to ensure safety and efficiency.

6. Troubleshooting

- **Bit Not Cutting or Drilling Slowly:**
  - Check if the drill bit is dull or damaged. Replace if necessary.
  - Ensure you are using the correct drill speed and applying appropriate pressure for the material.
  - For metal, ensure proper lubrication is used.
- **Bit Breaking:**
  - Reduce drilling pressure. Excessive force can cause bits to snap.
  - Ensure the bit is running straight and not wobbling in the chuck.
  - Verify that the correct type of bit is being used for the material.
- **Screw Head Stripping:**
  - Ensure the screwdriver bit matches the size and type of the screw head.
  - Apply firm, consistent pressure to the screw head while driving.
  - Avoid over-tightening the screw.
- **Bits Falling Out of Flip Drive:**

- Ensure the quick-release collar is fully engaged after inserting the bit.
- Check the flip drive mechanism for any debris that might prevent proper locking.

7. Specifications

Manufacturer	DEWALT
Part Number	DW2735P
Product Dimensions	31.75 x 29.06 x 3.02 cm (12.5 x 11.44 x 1.19 inches)
Item Model Number	DW2735P
Material	Blend (Black Oxide finish)
Item Package Quantity	1
Compatible Fastener Range	Drill bits and drive bits
Included Components	12 Pc Drill Flip Drive Set
Item Weight	227 g (0.5 lbs)
Country of Origin	China

8. Warranty and Support

The DEWALT DW2735P 12 Pc Drill-Drive Set comes with a**30 Day Money Back Guarantee**. For any support or warranty claims, please refer to the contact information provided with your product packaging or visit the official DEWALT website.

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