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› [DEWALT 20V Battery Powered Sweeper Brush – High-Power Cleaning for Turf, Grass, Snow & Sidewalks \(Tool Only\)](#)

DEWALT DXSBXA2017-002

DEWALT 20V Battery Powered Sweeper Brush Instruction Manual

Model: DXSBXA2017-002

Brand: DEWALT

1. INTRODUCTION

The DEWALT 20V Battery Powered Sweeper Brush is engineered for efficient cleaning of various outdoor surfaces, including turf, grass, snow, and sidewalks. This tool-only unit is designed for use with DEWALT 20V batteries (sold separately), offering powerful performance for demanding landscaping tasks. Its robust brushless motor, 3-speed control, and durable bristle design ensure effective clearing.





Figure 1: DEWALT 20V Battery Powered Sweeper Brush (Tool Only)

2. IMPORTANT SAFETY INFORMATION

WARNING: Always read and understand all safety warnings and instructions before operating this product. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- Always wear appropriate safety gear, including gloves and eye protection, when operating this powerful machine.
- Keep hands and other body parts away from the rotating brush to prevent injury.
- Store the machine in a dry place and keep it clean to prevent damage and ensure safe operation.
- Never leave the machine unattended while running.
- Always follow the manufacturer's instructions for safe operation and maintenance.

3. COMPONENTS AND FEATURES

Familiarize yourself with the key components of your DEWALT Sweeper Brush:



Figure 2: Labeled Components of the Sweeper Brush

- **Rear Handle:** Main grip for operating the sweeper.
- **Lock-Out Button:** Safety feature to prevent accidental starting.
- **Switch Trigger:** Activates the motor and brush rotation.
- **Front Handle:** Provides additional grip and control during operation.
- **Adjustable Length Shaft and Handle:** Allows for customization of the tool's length to suit user height and comfort.
- **Dust Cover:** Protects internal components and helps contain debris.
- **Brush:** The primary cleaning component, featuring a 10-inch diameter and 6.5-inch bristle length for effective sweeping.
- **Rear Wheel:** Durable wheels for easy maneuverability across various surfaces.

4. SETUP AND ASSEMBLY

4.1 Battery Installation

This DEWALT Sweeper Brush is a "Tool Only" product, meaning the battery and charger are sold separately. Ensure you use a compatible DEWALT 20V battery for optimal performance.

1. Align the battery with the battery port on the tool's handle.
2. Slide the battery into the port until it clicks securely into place. Ensure it is fully seated to prevent dislodgement during operation.
3. To remove the battery, press the release button (if applicable) and slide the battery out.



* 20V Battery. maximum initial battery voltage (measured without a work load) is 20 volts. Nominal voltage is 18.

TOOL ONLY
BATTERY & CHARGER
SOLD SEPARATELY

PART OF THE 20V MAX*
SYSTEM OF TOOLS

Figure 3: Battery Compartment

4.2 Adjusting the Shaft Length

The sweeper features an ergonomic adjustable length pole to fit your height, ensuring comfortable operation and reduced fatigue.

1. Locate the adjustment mechanism on the shaft.
2. Loosen the locking collar or lever.
3. Extend or retract the shaft to your desired length.
4. Securely tighten the locking collar or lever to fix the shaft in position.



**ERGONOMIC ADJUSTABLE
LENGTH POLE TO FIT YOUR HEIGHT**

Figure 4: Adjustable Length Pole



**LIGHTWEIGHT, ERGONOMIC
WITH A BALANCED DESIGN
TO HELP YOU MOVE FREELY**

Figure 5: Ergonomic Front Handle

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off and Speed Control

The sweeper features a 3-speed control for versatile cleaning.

1. Ensure the battery is fully charged and securely installed.
2. To start the sweeper, press the lock-out button and then squeeze the switch trigger.
3. To adjust the speed, use the speed selector switch (if present, typically near the handle). Select from the available 3 speeds based on the task and debris type.
4. To turn off the sweeper, release the switch trigger.

5.2 Sweeping Applications

The DEWALT Sweeper Brush is designed for various clearing tasks:

- **Turf and Grass:** Ideal for clearing light debris, leaves, or grass clippings from lawns without damaging the turf.
- **Snow:** Effective for clearing light, powdery snow from sidewalks, driveways, and patios. Not intended for heavy, wet,

or deep snow.

- **Sidewalks and Patios:** Excellent for sweeping dirt, dust, small stones, and other debris from hard surfaces.



**10" BRUSH DIAMETER WITH
15.25" SWEEPING WIDTH
FOR MAXIMUM WORKING EFFICIENCY**

Figure 6: Brush Diameter and Sweeping Width



DURABLE REAR WHEELS MAKE IT EASY FOR OPERATION

Figure 7: Durable Rear Wheels for Easy Operation

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DEWALT Sweeper Brush. This tool is designed to be maintenance-free, requiring no gas, oil, or tune-ups.

- **Cleaning:** After each use, disconnect the battery and use a dry cloth or soft brush to remove any debris from the brush, dust cover, and other external parts. Do not use water or harsh chemicals.
- **Storage:** Store the sweeper in a clean, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is removed if storing for extended periods.
- **Brush Inspection:** Periodically inspect the bristles for wear or damage. While designed for durability, excessive wear may reduce effectiveness.

7. TROUBLESHOOTING

If you encounter issues with your DEWALT Sweeper Brush, refer to the following common troubleshooting steps:

| Problem | Possible Cause | Solution |
|-------------------------------|---|--|
| Sweeper does not start. | Battery not installed correctly or discharged. Safety lock-out engaged. | Ensure battery is fully charged and properly seated. Press the lock-out button before squeezing the trigger. |
| Reduced sweeping performance. | Brush bristles worn or clogged with debris. | Clean the brush thoroughly. Inspect bristles for wear and consider replacement if severely worn. |
| Unusual noise or vibration. | Debris caught in the brush mechanism. Loose components. | Disconnect power and carefully inspect the brush area for obstructions. Ensure all components are securely fastened. If problem persists, contact DEWALT customer support. |

8. SPECIFICATIONS

| Feature | Detail |
|--------------------|---|
| Brand | DEWALT |
| Model Number | DXSBXA2017-002 |
| Power Source | Battery Powered (20V DEWALT batteries, sold separately) |
| Product Dimensions | 16.93"D x 72.83"W x 16.14"H |
| Item Weight | 17.9 Pounds (17.86 pounds) |
| Color | Yellow |
| Voltage | 20 Volts |
| Ideal Snow Depth | 6.5 Inches |
| Clearing Width | 15 Inches |
| UPC | 810941034343 |
| Manufacturer | Alton Industries |

9. WARRANTY AND SUPPORT

The DEWALT Powered Sweeper Brush is covered by a DEWALT 3-year limited warranty.

TOOL WARRANTY



Figure 8: DEWALT 3-Year Limited Warranty

For warranty claims, technical support, or further assistance, please contact DEWALT customer service or visit the official DEWALT website. Keep your proof of purchase for warranty validation.

You can visit the official DEWALT Store for more information: [DEWALT Store](#)