

## Snow Joe X20-SNOW-5A

# Snow Joe X20-SNOW-5A 10-Inch 20V Cordless Snow Shovel Kit User Manual

Comprehensive instructions for the Snow Joe X20-SNOW-5A 10-inch 20V Cordless Snow Shovel Kit, covering setup, operation, maintenance, troubleshooting, and specifications.

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## IMPORTANT SAFETY INFORMATION

Always read and understand the entire manual before operating the Snow Joe X20-SNOW-5A Cordless Snow Shovel. Failure to follow all instructions may result in electric shock, fire, and/or serious personal injury.

- Wear appropriate personal protective equipment, including eye protection and non-slip footwear.
- Ensure the work area is clear of debris, rocks, and other objects that could be thrown by the auger.
- Keep bystanders, children, and pets at a safe distance (at least 50 feet) from the operating area.
- Do not operate the unit in wet snow that is too heavy or deep for the machine's capacity to avoid jamming and potential damage.
- Always remove the battery pack when making adjustments, changing accessories, or storing the unit.
- Avoid operating the unit on steep slopes. Clear snow across the face of slopes, never up or down.
- Do not force the snow shovel. It will perform better and more safely at the rate for which it was designed.

## SETUP

### 1. Assembly

The Snow Joe X20-SNOW-5A is designed for quick and easy assembly. Follow the instructions provided in the packaging for connecting the handle and auxiliary components. Ensure all connections are secure before use.

# TELESCOPING POLE



**Figure 1:** The telescoping pole with safety switch, auxiliary handle, and on/off trigger switch for ergonomic operation.

## 2. Battery Charging

The kit includes a 5.0-Ah rechargeable lithium-ion battery and charger. Fully charge the battery before first use. Charging typically takes approximately 6 hours. Insert the charged battery into the designated slot on the snow shovel until it clicks securely into place for "click-n-go" operation.



Figure 2: The 20V 5.0Ah ECOSHARP battery system, providing cordless convenience.

## OPERATING INSTRUCTIONS

### 1. Starting the Unit

- Ensure the battery is fully charged and securely inserted.
- Adjust the telescoping handle to a comfortable height (47"–52") to reduce strain during use.
- Press the safety switch and then squeeze the on/off trigger switch to start the auger.

### 2. Snow Clearing

The high-speed 2-blade paddle auger spins at 21,200 rpm, clearing a 10-inch wide by 5-inch deep path. Push the shovel forward at a steady pace, allowing the auger to effectively clear the snow.

# COMPACT CLEARING

10"W x 5"D SNOW CUT: PERFECT FOR DECKS, STEPS, + WALKWAYS



**Figure 3:** The compact clearing capability of the snow shovel, ideal for decks, steps, and walkways.

### 3. Directional Snow Throw

Snow is thrown up to 18 feet away. The unit features 45° directional control, allowing you to adjust the discharge direction to avoid throwing snow onto cleared areas or neighboring properties. Adjust the chute manually as needed.



# DIRECTIONAL CHUTE



Figure 4: Illustration of the 45° directional chute for controlled snow discharge.

# POWERFUL

21,200 RPM AUGER SPEED QUICKLY CLEARS SNOW WITH EASE



**Figure 5:** The powerful auger system throwing snow up to 18 feet.

#### 4. Recommended Applications

This snow shovel is ideal for clearing light to moderate snow from decks, steps, patios, and walkways. Its lightweight design (8.4 lbs) makes it easy to maneuver in tight spaces.





**Figure 6:** Versatile use across various surfaces including decks, steps, and driveways.

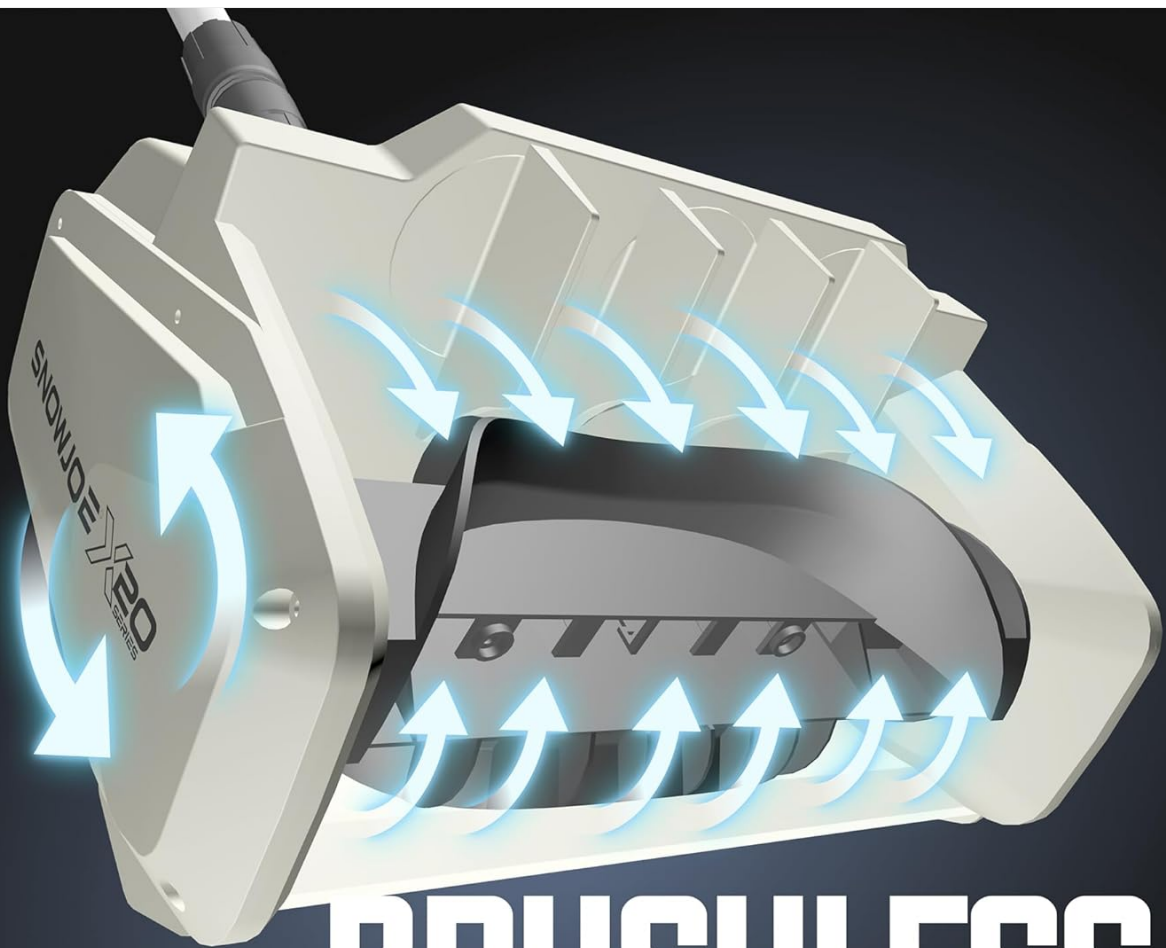
## Official Product Video: Snow Joe Cordless Snow Shovel Kit, 10" x 5" Cut

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**Video 1:** This video demonstrates the Snow Joe Cordless Snow Shovel Kit in action, highlighting its 10-inch wide by 5-inch deep clearing capability and ease of use for various snow removal tasks.

## MAINTENANCE

The Snow Joe X20-SNOW-5A features a high-efficiency brushless motor designed for low maintenance and long durability. Regular maintenance will ensure optimal performance and extend the life of your unit.



# BRUSHLESS MOTOR

HIGH-EFFICIENCY MOTOR RUNS COOLER, QUIETER, + LASTS LONGER

**Figure 7:** The brushless motor design ensures cooler, quieter, and longer operation with reduced maintenance.

- **Cleaning:** After each use, remove the battery and clean the unit with a damp cloth. Ensure all snow and debris are removed from the auger and housing.
- **Storage:** Store the snow shovel in a dry, protected area away from direct sunlight and moisture. Remove the battery pack before storing for extended periods.
- **Battery Care:** Store the battery in a cool, dry place. Do not store the battery in a discharged state. Recharge it periodically if not used for a long time.
- **Inspection:** Periodically inspect the auger blades for wear or damage. Replace worn or damaged parts with genuine Snow Joe replacement parts.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Unit does not start	Battery not inserted correctly or discharged. Safety switch not engaged.	Ensure battery is fully charged and securely inserted. Press safety switch before squeezing trigger.
Snow shovel jams or stops	Attempting to clear snow that is too deep, heavy, or contains foreign objects.	Remove battery. Clear any obstructions from the auger. For deep snow, make multiple passes. Avoid heavily packed or wet snow beyond the unit's capacity.
Ineffective snow throwing	Chute direction not optimized for wind conditions.	Adjust the 45° directional chute to account for wind and desired throw direction. Note that the chute does not turn left or right automatically.
Reduced battery runtime	Battery not fully charged or nearing end of life. Extreme cold temperatures.	Ensure battery is fully charged (approx. 6 hours). Operate in recommended temperature ranges. Consider a replacement battery if performance significantly degrades.

## SPECIFICATIONS

**Model:** X20-SNOW-5A

**Brand:** Snow Joe

**Power Source:** Electric (20V Max Lithium-Ion Battery)

**Battery Capacity:** 5.0-Ah

**Motor Type:** Brushless

**Auger Speed:** Up to 21,200 rpm

**Clearing Width:** 10 inches

**Clearing Depth:** 5 inches

**Snow Throw Distance:** Up to 18 feet

**Directional Control:** 45°

**Weight:** 8.4 lbs

**Adjustable Handle Length:** 47"–52"

**Product Dimensions:** 6.3"D x 13"W x 46.5"H

**UPC:** 014761000377

## WARRANTY & SUPPORT

The Snow Joe X20-SNOW-5A Cordless Snow Shovel Kit is backed by a full 1-year warranty for dependable performance. For warranty claims, technical support, or to purchase replacement parts, please contact Snow Joe customer service. Refer to the official Snow Joe website or your product packaging for the most current contact information.

**Manufacturer:** All Season Power, LLC

