

## AMERISUN AM7006A

# AMERISUN 21-Inch 212cc Single-Stage Gas Powered Snow Blower Instruction Manual

Model: AM7006A

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your AMERISUN 21-Inch 212cc Single-Stage Gas Powered Snow Blower. Please read this manual thoroughly before operating the equipment and keep it for future reference.

## 2. IMPORTANT SAFETY INFORMATION

**WARNING: Failure to follow these safety instructions may result in serious injury or death.**

- Always wear appropriate protective gear, including gloves and eye protection, when operating the snow blower.
- Never leave the snow blower running in an enclosed space to prevent carbon monoxide poisoning.
- Be cautious of rotating parts and keep hands and clothing away from them.
- Always turn off the snow blower and allow it to cool before refueling or performing maintenance.
- Store the snow blower in a dry, well-ventilated area, away from heat sources and flammable materials.

## 3. SETUP AND ASSEMBLY

Your AMERISUN snow blower requires minimal assembly. Follow these steps carefully:

1. **Handlebar Assembly:** Attach the upper handle to the lower handle using the provided bolts and knobs. Ensure all connections are secure.
2. **Chute Assembly:** Secure the discharge chute to the main unit. Ensure the chute rotation handle is properly connected for directional control.
3. **Cable Connections:** Connect all control cables (auger engagement, drive control) to their respective levers on the handlebar and attachment points on the engine/gearbox. Verify smooth operation of all levers.

4. **Check Tires:** Ensure tires are properly inflated and securely attached to the axles.



Figure 3.1: Key components of the snow blower. This diagram illustrates the main parts of the snow blower, including the handles, chute, engine components, and auger system, aiding in assembly and identification.

## 4. OPERATING INSTRUCTIONS

Before starting, ensure the snow blower is on a level surface and clear of any obstructions. Always wear appropriate safety gear.

### 4.1 Fuel and Oil

- **Engine Oil:** Fill the engine with the recommended 5W-30 oil (0.6L capacity). Check the oil level using the dipstick before each use.
- **Fuel:** Fill the fuel tank (3L capacity) with fresh, unleaded gasoline. Do not overfill. Securely tighten the fuel cap to prevent fire hazards.

### 4.2 Starting the Engine

1. Ensure the engine key is fully inserted into the ignition slot.
2. Move the fuel switch to the 'ON' position.

3. Set the choke lever to the 'START' position.
4. Press the primer bulb 1-3 times (do not exceed 3 times).
5. **Recoil Start:** Pull the recoil starter handle rapidly until the engine starts.
6. Once the engine starts, gradually move the choke lever to the 'RUN' position. Allow the engine to warm up for 30-40 seconds at idle speed.

### 4.3 Clearing Snow

- Engage the auger control bar to activate the snow clearing mechanism.
- Push the snow blower forward into the snow. The 21-inch clearing width and 12.5-inch intake height are designed for effective snow removal up to 8 inches deep.
- Use the easy chute control handle to adjust the direction of snow discharge up to 180 degrees, allowing you to direct snow away from cleared areas.
- The powerful 212cc 4-cycle engine provides 1,600 pounds of snow removal per minute, suitable for both fluffy and heavy snow.



Figure 4.1: Operating the snow blower to clear snow. This image demonstrates the snow blower in action, effectively clearing a path with its specified clearing width and ideal snow depth.





Figure 4.2: Snow discharge distance. This image illustrates the snow blower's capability to throw snow up to 30 feet, allowing for efficient clearing away from desired areas.

## 5. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your snow blower.

- **Engine Oil:** Change engine oil after the first 5 hours of operation, then every 25 hours or annually.
- **Spark Plug:** Inspect and clean the spark plug annually. Replace if necessary.
- **Air Filter:** Clean the air filter regularly, especially in dusty conditions. Replace if damaged.
- **Auger and Scraper Blade:** Inspect the auger and scraper blade for wear or damage before each use. Replace worn parts to maintain clearing efficiency.
- **Storage:** For long-term storage, drain the fuel tank or use a fuel stabilizer. Clean the unit thoroughly and store in a dry, protected area.

## 6. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Engine does not start	No fuel, old fuel, engine key not inserted, choke incorrect, spark plug issue	Add fresh fuel, insert key, adjust choke, check/replace spark plug
Loss of power during operation	Clogged chute, incorrect engine speed, low fuel/oil	Clear chute, adjust engine speed, check fuel/oil levels
Snow not clearing effectively	Worn auger/scraper blade, incorrect operating angle	Inspect/replace auger/blade, adjust operating technique

## 7. SPECIFICATIONS


- **Brand:** AMERISUN
- **Model:** AM7006A
- **Power Source:** Gas Powered
- **Engine Type:** 4 Cycle
- **Engine Displacement:** 212 Cubic Centimeters
- **Clearing Width:** 21 Inches
- **Intake Height:** 12.5 Inches
- **Ideal Snow Depth:** 6-8 Inches
- **Product Dimensions:** 48"D x 20.8"W x 36.6"H
- **Item Weight:** 68 Pounds
- **Color:** Black
- **UPC:** 840432701591






## 8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your purchase or contact AMERISUN customer support. For technical assistance or parts inquiries, please visit the official AMERISUN website or contact their customer service department.

**AMERISUN Store:** [Visit the AMERISUN Store on Amazon](#)

### Related Documents - AM7006A

	<p><a href="#">Amerisun PowerSmart Snow Blower Auger Pulley Bolt Tightening Repair Instructions</a></p> <p>Step-by-step guide for tightening the auger pulley bolt on Amerisun PowerSmart two-stage gas snow blowers to prevent unexpected engagement and ensure safe operation. Includes safety warnings, required tools, and reassembly instructions.</p>
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	<p><a href="#">Power Smart DB7005 21-inch Single Stage Gas Snow Thrower Instruction Manual</a></p> <p>Comprehensive instruction manual for the Power Smart DB7005 21-inch Single Stage Gas Snow Thrower, covering setup, operation, maintenance, and safety guidelines.</p>
	<p><a href="#">PowerSmart 24-Inch 2-Stage Snow Blower Quick Start Guide</a></p> <p>A concise guide to assembling and preparing your PowerSmart 24-inch 2-stage snow blower with electric start. Includes step-by-step instructions and important operational notes.</p>
	<p><a href="#">PowerSmart DB7651-24 24-inch Two-Stage Gas Snow Thrower: Instruction Manual</a></p> <p>Official instruction manual for the PowerSmart DB7651-24 24-inch two-stage gas snow thrower. Includes detailed guides on operation, safety, maintenance, assembly, troubleshooting, and parts lists.</p>
	<p><a href="#">PowerSmart DB2801RB 80V 21-inch Cordless Snow Blower Instruction Manual</a></p> <p>Get detailed instructions for safe operation, assembly, and maintenance of the PowerSmart DB2801RB 80V 21-inch Cordless Snow Blower. Includes troubleshooting and warranty information.</p>
	<p><a href="#">PowerSmart 80V 21 Inch Cordless Snow Blower Instruction Manual</a></p> <p>Comprehensive instruction manual for the PowerSmart 80V 21 Inch Cordless Snow Blower (Model HB2801B/HB2801), covering safety, operation, maintenance, and troubleshooting.</p>