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Honda HSS724AAWD

Honda HSS724AAWD 24-inch 196cc Two-Stage Snow Blower User Manual

Model: HSS724AAWD | Brand: Honda

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Honda HSS724AAWD 24-inch 196cc Two-Stage Snow Blower. Please read this manual thoroughly before operating the machine and keep it for future reference.

1.1 Product Overview

The Honda HSS724AAWD is a robust two-stage snow blower designed for effective snow removal. It features a powerful 196cc Honda GX OHV engine, a 24-inch clearing width, and a 12V electric start system for reliable ignition in cold weather. The wheel-drive system enhances maneuverability across various terrains.

1.2 Safety Guidelines

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

- Always wear appropriate protective equipment, including gloves and safety glasses, during operation and maintenance.
- Do not operate the snow blower in enclosed spaces or near buildings without proper ventilation to prevent carbon monoxide poisoning.
- Keep hands, feet, and foreign objects away from rotating parts such as the auger and impeller.
- Ensure the area is clear of debris, rocks, and other objects that could be thrown by the machine.
- Handle fuel with extreme care. Store fuel in approved containers in a well-ventilated area, away from ignition sources.
- Before performing any maintenance or clearing clogs, always turn off the engine, remove the ignition key, and wait for all moving parts to stop.
- Store the snow blower in a secure location, away from children and unauthorized users.

2. SETUP AND ASSEMBLY

Your Honda HSS724AAWD snow blower may require some assembly before initial use. Refer to the separate

assembly guide for detailed instructions. Key setup steps include:

- **Handlebar Assembly:** Securely attach the handlebars to the main unit using the provided hardware.
- **Chute Assembly:** Install the discharge chute and its control mechanism. Ensure it rotates freely and locks into position.
- **Fluid Checks:** Before starting, verify engine oil levels and fill the fuel tank with fresh, unleaded gasoline.
- **Tire Pressure:** Check and adjust tire pressure to the recommended levels for optimal traction.



Figure 2.1: Front-side view of the Honda HSS724AAWD snow blower, highlighting its robust design and control panel.

3. OPERATING INSTRUCTIONS

3.1 Starting the Engine

1. Ensure the fuel valve is open and the engine switch is in the 'ON' position.
2. Move the choke lever to the 'CHOKE' position.
3. Press the primer bulb 3-5 times (or as recommended in the engine manual) to prime the carburetor.
4. **Electric Start:** Connect an extension cord to the 12V electric start port and press the electric start button. Once the engine starts, disconnect the extension cord.

5. **Recoil Start:** Pull the recoil starter handle firmly until the engine starts.
6. Once the engine starts, gradually move the choke lever to the 'RUN' position as the engine warms up.

3.2 Engaging Operation

- **Drive System:** The HSS724AAWD features a wheel-drive system. Use the drive control lever on the handlebar to engage forward or reverse motion.
- **Auger/Impeller:** Engage the auger control lever to activate the two-stage snow clearing mechanism.
- **Speed Control:** Adjust the ground speed using the speed selector. The machine offers multiple forward and reverse speeds to match snow conditions and operator preference.



Figure 3.1: Operating the Honda HSS724AAWD snow blower to clear snow.

3.3 Clearing Snow

- Direct the discharge chute away from people, animals, and property.
- Adjust the chute direction and deflector angle to control the snow throwing distance and trajectory.
- For deep or heavy snow, operate at a slower speed and take narrower passes.
- If the auger or chute becomes clogged, immediately disengage the auger, turn off the engine, remove the ignition key, and use a clearing tool (not your hands) to remove the obstruction.



Figure 3.2: The Honda HSS724AAWD effectively clearing snow and discharging it.

4. MAINTENANCE

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

4.1 Engine Maintenance

- **Oil Changes:** Check engine oil before each use and change it according to the schedule in the engine manual.
- **Air Filter:** Inspect and clean or replace the air filter as needed.

- **Spark Plug:** Inspect, clean, and adjust the spark plug annually. Replace if necessary.
- **Fuel System:** Use fresh fuel and a fuel stabilizer for storage. Drain the fuel system before long-term storage.

4.2 General Maintenance

- **Shear Pins:** Regularly inspect shear pins and replace any that are bent or broken. Keep spare shear pins on hand.
- **Auger and Impeller:** Check for wear or damage to the auger and impeller blades.
- **Scraper Bar:** Inspect the scraper bar for wear and adjust or replace it to maintain optimal clearing performance.
- **Lubrication:** Lubricate all moving parts as specified in the maintenance schedule.
- **Storage:** Clean the snow blower thoroughly after each use. For off-season storage, ensure the fuel system is drained or stabilized, and store in a dry, protected area.



Figure 4.1: The auger and impeller system, critical components for snow removal, requiring regular inspection.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your snow blower.

Problem	Possible Cause	Solution
Engine will not start	No fuel, stale fuel, engine switch OFF, choke not set, fouled spark plug, low oil.	Check fuel level, use fresh fuel, turn engine switch ON, set choke, clean/replace spark plug, check oil level.
Loss of power during operation	Clogged auger/impeller, incorrect speed setting, engine overload.	Clear clogs (engine off!), adjust speed, take narrower passes.
Snow discharge is weak or inconsistent	Clogged chute, worn auger/impeller, damaged shear pins.	Clear chute, inspect/replace auger/impeller, replace shear pins.
Machine does not move	Drive system disengaged, drive belt worn/broken.	Engage drive lever, inspect/replace drive belt.

If you encounter issues not listed here or if solutions do not resolve the problem, please contact authorized Honda service personnel.

6. SPECIFICATIONS

Feature	Specification
Brand	Honda
Model Number	HSS724AAWD
Engine Type	196cc Honda GX OHV Engine (4-Stroke)
Clearing Width	24 Inches
Ideal Snow Depth	21.7 Inches
Max. Discharge Capacity	1500 lb./min
Start System	12V Electric Start (Corded) & Recoil Pull-Start
Drive System	Wheel Drive
Wheel Size	14 Inches
Product Dimensions (L x W x H)	58.5 x 26.4 x 43.5 inches
Item Weight	210 pounds
Color	Red
UPC	786102005548

7. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the official warranty documentation provided with your Honda HSS724AAWD snow blower or visit the official Honda Power Equipment website. For technical support, parts, or service, please contact an authorized Honda Power Equipment dealer or customer service.

