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› Sconva 303200012 Auger Cable Instruction Manual for PowerSmart Snow Blowers

Sconva 303200012

Sconva 303200012 Auger Cable Instruction Manual

For PowerSmart Snow Blower Models

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and care of the Sconva 303200012 auger cable. This component is a replacement part designed to ensure the correct engagement and disengagement of the auger mechanism in compatible PowerSmart snow blowers. Adhering to these instructions will help maintain the performance and longevity of your snow blower.



Figure 1: The Sconva 303200012 auger cable, featuring a black protective coating, a spring hook on one end, and a Z-bend fitting on the other.

2. COMPATIBILITY

The Sconva 303200012 auger cable is a replacement for part numbers 303200012 and 303200050. It is compatible with various PowerSmart snow blower models. Please verify your snow blower's model number against the list below to ensure proper fitment.

Fits for

Snow Blower Auger Cable Fits for



DB7651-24" (212cc), DB7659A-22" (208cc), DB7651A-24" (208cc), DB7651-24" (208cc), DB7001 (21") (208cc), DB7659H-22" (212cc), DB7651BS-24" (B&S-208cc), DB7624E (212cc), DB7651-26" Snow Devil (208cc), DB7651A-26" (208cc), DB72024PA (Dobest 212cc), DBSM24E (212cc), DB7659-22" (208cc), DB7651-26" (208cc), DB7279 (24") (212cc), DB7659-22" (212cc), DB7622H (212cc), DB7651-24" Snow Devil (208cc), DB7659B-22" Snow Devil (196cc), DB7622E (212cc)

Figure 2: Illustration of compatible PowerSmart snow blower models for the auger cable.

Compatible PowerSmart Snow Blower Models:

- DB7651-24 (212cc)
- DB7659A-22 (208cc)
- DB7651A-24 (208cc)
- DB7651-24 (208cc)
- DB7001 (21") (208cc)
- DB7659H-22 (212cc)
- DB7651BS-24 (B&S-208cc)
- DB7624E (212cc)
- DB7651-26 Snow Devil (208cc)
- DB7651A-26 (208cc)
- DB72024PA (Dobest 212cc)
- DBSM24E (212cc)
- DB7659-22 (208cc)
- DB7651-26 (208cc)
- DB7279 (24") (212cc)

- DB7659-22 (212cc)
- DB7622H (212cc)
- DB7651-24 Snow Devil (208cc)
- DB7659B-22 Snow Devil (196cc)
- DB7622E (212cc)

3. SPECIFICATIONS

The Sconva 303200012 auger cable is engineered for durability and reliable performance in winter conditions.

- **Part Numbers:** 303200012, 303200050
- **Total Length:** 25 inches
- **Cable Ends:** Z-bend on one end, spring on the other
- **Construction:** Metal wire cable with a black PU (Polyurethane) outer coating
- **Product Dimensions:** Approximately 0.15 x 0.11 x 0.12 inches (cable diameter and end dimensions)
- **Item Weight:** 1.23 ounces

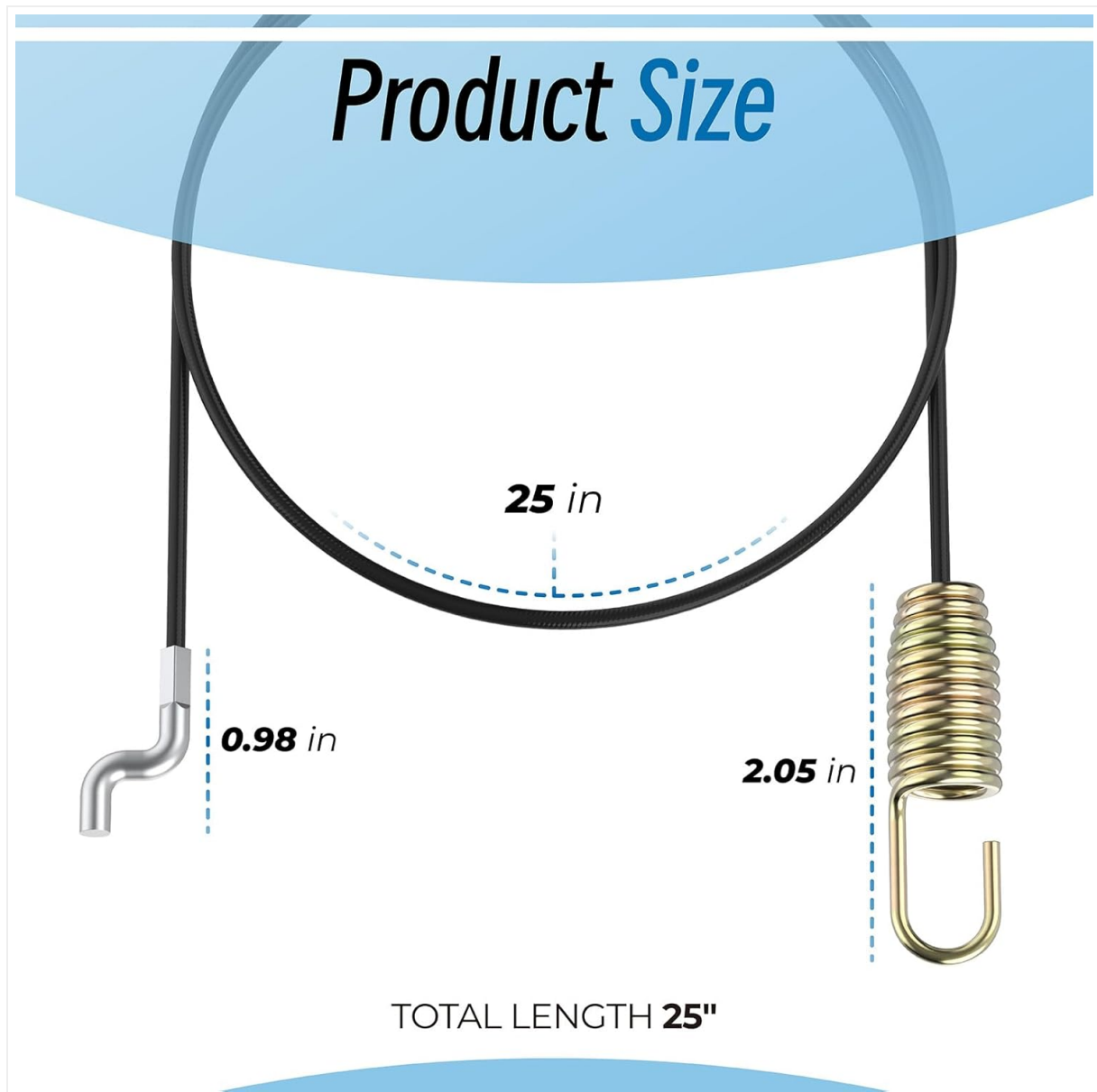


Figure 3: Detailed dimensions of the auger cable components.

Durable Material

High-quality outer wrap PU material, **strong steel wire rope inside.**

It is constructed with metal wire cable with **Z-type bent ends and springs on the other.**

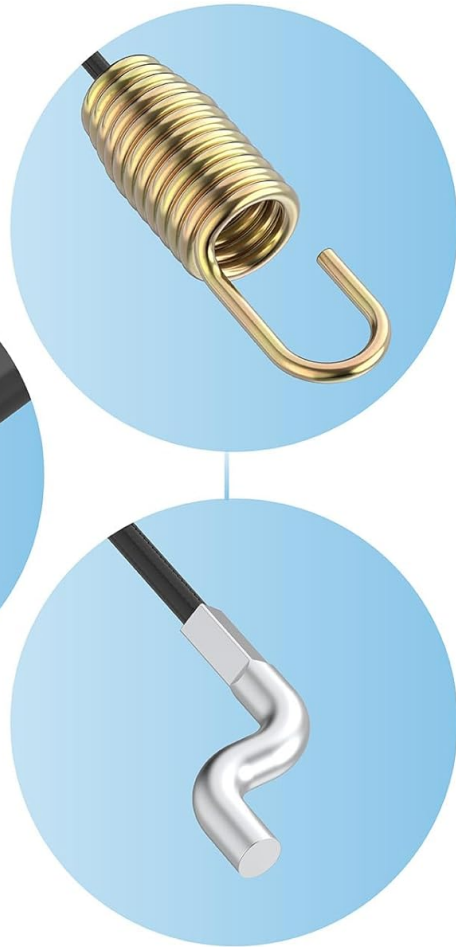


Figure 4: Close-up illustrating the durable construction with steel wire rope and PU coating.

4. INSTALLATION AND SETUP

Proper installation is crucial for the safe and effective operation of your snow blower. Always prioritize safety during this process.

Safety Precautions:

- Always disconnect the spark plug wire before performing any maintenance or installation to prevent accidental starting.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure the snow blower is on a stable, level surface.

Installation Steps:

1. **Locate the Old Cable:** Identify the existing auger cable on your snow blower. It typically connects the auger engagement lever to the auger drive mechanism.
2. **Disconnect Old Cable:** Carefully disconnect the Z-bend end from the control lever and the spring end from the auger drive mechanism. Note the routing of the cable for reinstallation.
3. **Route New Cable:** Route the new Sconva auger cable along the same path as the old cable, ensuring it is

free from kinks, sharp bends, or obstructions. Secure it with any existing clips or ties.

4. **Connect New Cable Ends:** Attach the Z-bend end of the new cable to the auger engagement lever. Connect the spring end to the designated point on the auger drive mechanism. Ensure both connections are secure.
5. **Test Operation:** Reconnect the spark plug wire. With the engine off, operate the auger engagement lever to ensure the cable moves freely and the auger mechanism engages and disengages smoothly. Make any necessary adjustments to cable tension if applicable (refer to your snow blower's main manual for tension adjustment procedures).

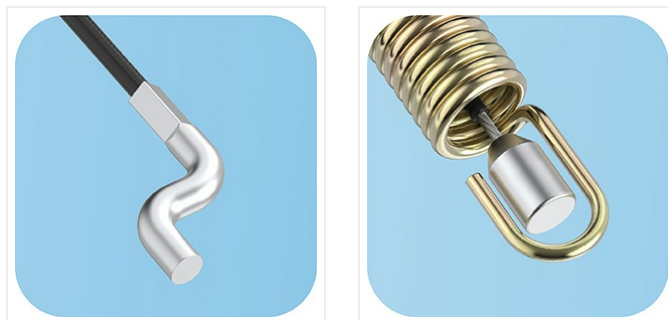


Figure 5: Close-up views of the Z-bend and spring ends for proper connection during installation.

5. OPERATION

The auger cable is an integral part of your snow blower's drive system, responsible for controlling the auger. When the auger engagement lever is activated, the cable pulls, engaging the auger to clear snow. Releasing the lever disengages the auger. A properly installed and maintained cable ensures responsive and safe operation.

6. MAINTENANCE

Regular maintenance of the auger cable extends its lifespan and ensures reliable snow blower performance.

- **Inspection:** Before each use, visually inspect the cable for any signs of wear, fraying, cracks in the outer coating, or damage. Check the connection points for security.
- **Cleaning:** Keep the cable and its connection points free from dirt, ice, and debris.
- **Lubrication:** Periodically apply a light lubricant to the cable ends and any pivot points where the cable connects to the snow blower's mechanisms. This helps ensure smooth operation and prevents corrosion.
- **Storage:** When storing the snow blower for extended periods, ensure the cable is clean and free from tension.

7. TROUBLESHOOTING

If you experience issues with your auger cable, consider the following troubleshooting steps:

- **Auger Not Engaging/Disengaging Properly:**
 - Check if the cable is securely connected at both ends.
 - Inspect the cable for kinks, bends, or obstructions that might impede its movement.
 - Verify that the cable tension is correct. Refer to your snow blower's main instruction manual for specific tension adjustment procedures.
 - Ensure the auger engagement lever mechanism is not seized or damaged.
- **Cable Fraying or Breaking:**
 - A frayed or broken cable indicates wear and requires immediate replacement to prevent further

damage or unsafe operation.

- **Stiff or Sticky Operation:**

- Clean the cable and lubricate its ends and pivot points.
- Check for ice buildup within the cable housing or around moving parts.

If these steps do not resolve the issue, it may be necessary to consult a qualified service technician or contact Sconva customer support.

8. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or replacement parts, please contact Sconva directly through their official channels. Keep your purchase receipt and product details readily available when contacting support.

Manufacturer: Sconva