



Manuals.plus /

› MTD /

› MTD 746-04230 Snowblower Auger Clutch Cable Instruction Manual

MTD 746-04230

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Genuine Original Equipment Manufacturer (OEM) Part

1. INTRODUCTION

This manual provides essential information for the MTD 746-04230 Snowblower Auger Clutch Cable, a genuine Original Equipment Manufacturer (OEM) replacement part. This cable is designed to engage and disengage the auger on compatible snow throwers, ensuring proper operation and safety. It is crucial to use genuine parts to maintain the performance and longevity of your equipment.

2. SAFETY INFORMATION

Always prioritize safety when working with power equipment. Failure to follow safety instructions can result in serious injury or damage to the equipment.

- **Disconnect Power:** Before performing any service, maintenance, or installation, always ensure the snowblower is turned off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment (PPE), including safety glasses and gloves.
- **Read Snowblower Manual:** Refer to your snowblower's main owner's manual for specific safety guidelines and procedures related to your model.
- **Secure Equipment:** Ensure the snowblower is on a stable, level surface before beginning any work.

3. COMPATIBILITY

The MTD 746-04230 Auger Clutch Cable is compatible with various snow thrower models from the following brands:

- MTD
- Craftsman
- Troy-Bilt

- Yard-Man

This part is compatible with models including, but not limited to: 31AS68SF799, 247889720, 247889721, 31AE5KLG801, 31AE6GFF795, 31AE5KLF795, 31AE6BHE718, 247985370, 31AE6FFF700, 247881723, 31AS53SF793, 247881720, 31AS6BCE752, 247881722, 247881721, 247887940, 31A-6ACE700, 31BS6FEG731, 31AH65FH700, 31AS6LEG752, 31AM63FF752, 247985380, 31BH55TH799, 31AH5WTG799, 247881731, 247881730, 247881733, 247881732, 31AE6GO3711, 31BE5MLG729, 247889570, 247889571, 31BM63LF704, 24710568, 31AS6LEG700, 247889700, 247889701, 247889702, 247889703, 31AM5CSF799, 247889704.

4. INSTALLATION

This section outlines the general steps for replacing the auger clutch cable. Specific procedures may vary slightly depending on your snowblower model. Always consult your snowblower's owner's manual for detailed instructions.

1. **Preparation:** Ensure the snowblower is turned off, the engine is cool, and the spark plug wire is disconnected.
2. **Access the Cable:** Locate the existing auger clutch cable. This may require removing protective covers or panels on your snowblower. Note the routing of the old cable.
3. **Disconnect Old Cable:** Carefully detach the old cable from both the auger engagement lever (usually on the handlebar) and the auger housing mechanism (near the auger assembly). You may need basic hand tools like pliers or wrenches.
4. **Install New Cable:** Route the new MTD 746-04230 cable in the exact same path as the old one. Ensure it is not kinked or pinched. Connect it securely to the auger engagement lever and the auger housing mechanism.
5. **Adjustment:** Verify proper tension and engagement. When the auger engagement lever is activated, the auger should engage smoothly. When the lever is released, the auger should disengage completely and stop spinning. Adjust the cable tension as necessary, typically via an adjustment barrel or nut, until proper operation is achieved. Refer to your snowblower's manual for specific tensioning instructions.
6. **Test:** Reconnect the spark plug wire. Start the snowblower in a safe, clear area and carefully test the auger engagement and disengagement. Ensure there are no obstructions and the auger stops completely when the lever is released.



Figure 1: MTD 746-04230 Snowblower Auger Clutch Cable. This image shows the black cable with a metal fitting on one end and a spring-loaded hook on the other, ready for installation.

5. MAINTENANCE

Regular inspection and basic maintenance can extend the life of your auger clutch cable and ensure reliable snowblower operation.

- **Inspect Regularly:** Periodically check the cable for signs of wear, fraying, kinks, or damage. Look for any corrosion on the metal fittings.
- **Keep Clean:** Ensure the cable and its routing path are free from dirt, ice, snow, and debris that could impede its movement.
- **Lubrication:** If recommended by your snowblower's manufacturer, apply a light lubricant to the pivot points of the auger engagement lever and the cable ends to ensure smooth operation.
- **Proper Storage:** When storing the snowblower for extended periods, ensure the cable is not under tension or bent sharply.

6. TROUBLESHOOTING

If you experience issues with your snowblower's auger engagement, the clutch cable may be a factor. Here are some common problems and potential solutions:

- **Auger Not Engaging:**
 - Check cable tension: The cable might be too loose. Adjust it according to your snowblower's manual.
 - Verify connections: Ensure the cable is securely attached at both the lever and the auger mechanism.

- Inspect for damage: Look for kinks, breaks, or severe fraying in the cable. A damaged cable will need replacement.
- **Auger Not Disengaging:**
 - Cable binding: Check if the cable is caught or rubbing against any part of the snowblower's frame or components.
 - Return spring: Ensure the return spring (if applicable) is intact and functioning correctly to pull the mechanism back.
 - Lever mechanism: Verify that the auger engagement lever and its pivot points are clean and move freely.
- **Cable Fraying or Breaking:**
 - Immediate replacement is necessary. This indicates significant wear or improper routing/tension over time.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified service technician.

7. SPECIFICATIONS

- **Part Number:** 746-04230
- **Manufacturer:** MTD
- **Type:** Genuine Original Equipment Manufacturer (OEM) Part
- **Length:** Approximately 47.23 inches (120 cm)
- **Weight:** Approximately 40 grams
- **Material:** Durable cable with metal fittings and spring
- **Substitution:** This part is a manufacturer substitution and may differ in appearance but is a functional equivalent to prior parts including 746-04230, 946-04230A, 946-04230B.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your MTD 746-04230 Auger Clutch Cable, please refer to the documentation provided with your original snowblower or visit the official MTD website. For technical support or further assistance, contact MTD customer service directly.

MTD Official Website: www.mtdproducts.com