

John Deere M96976

John Deere Genuine OEM Spout Control Cable M96976 Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the John Deere Genuine OEM Spout Control Cable, Part Number M96976. This cable is designed for use with John Deere 46, 47, and 54-inch snowblowers, enabling precise control over the snow discharge spout direction. Adhering to these instructions will help ensure optimal performance and longevity of the component.

2. SETUP AND INSTALLATION

The John Deere Spout Control Cable M96976 is a direct OEM replacement part. Proper installation is crucial for the correct function of your snowblower's spout control mechanism. Always refer to your specific snowblower model's service manual for detailed, step-by-step installation procedures, as cable routing and attachment points can vary.

Safety Precautions:

- Ensure the snowblower is turned off, the engine is cool, and the spark plug wire is disconnected before beginning any installation or maintenance.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Work in a well-lit area.

Installation Overview:

1. **Remove Old Cable:** Carefully disconnect the old spout control cable from both the control lever and the snowblower spout mechanism. Note the routing of the old cable to ensure the new cable is installed correctly.
2. **Route New Cable:** Route the new M96976 cable along the same path as the original, ensuring it is free from kinks, sharp bends, and potential pinch points. Secure it with any existing clips or ties.
3. **Connect Cable Ends:** Attach one end of the cable to the snowblower's spout rotation mechanism and the other end to the control lever on the operator's console. Ensure all connections are secure.
4. **Adjust Tension:** Adjust the cable tension according to your snowblower's service manual to allow for smooth and full range of motion of the spout.
5. **Test Functionality:** Reconnect the spark plug wire, start the snowblower (if safe to do so), and test

the spout control to ensure it operates smoothly and correctly.

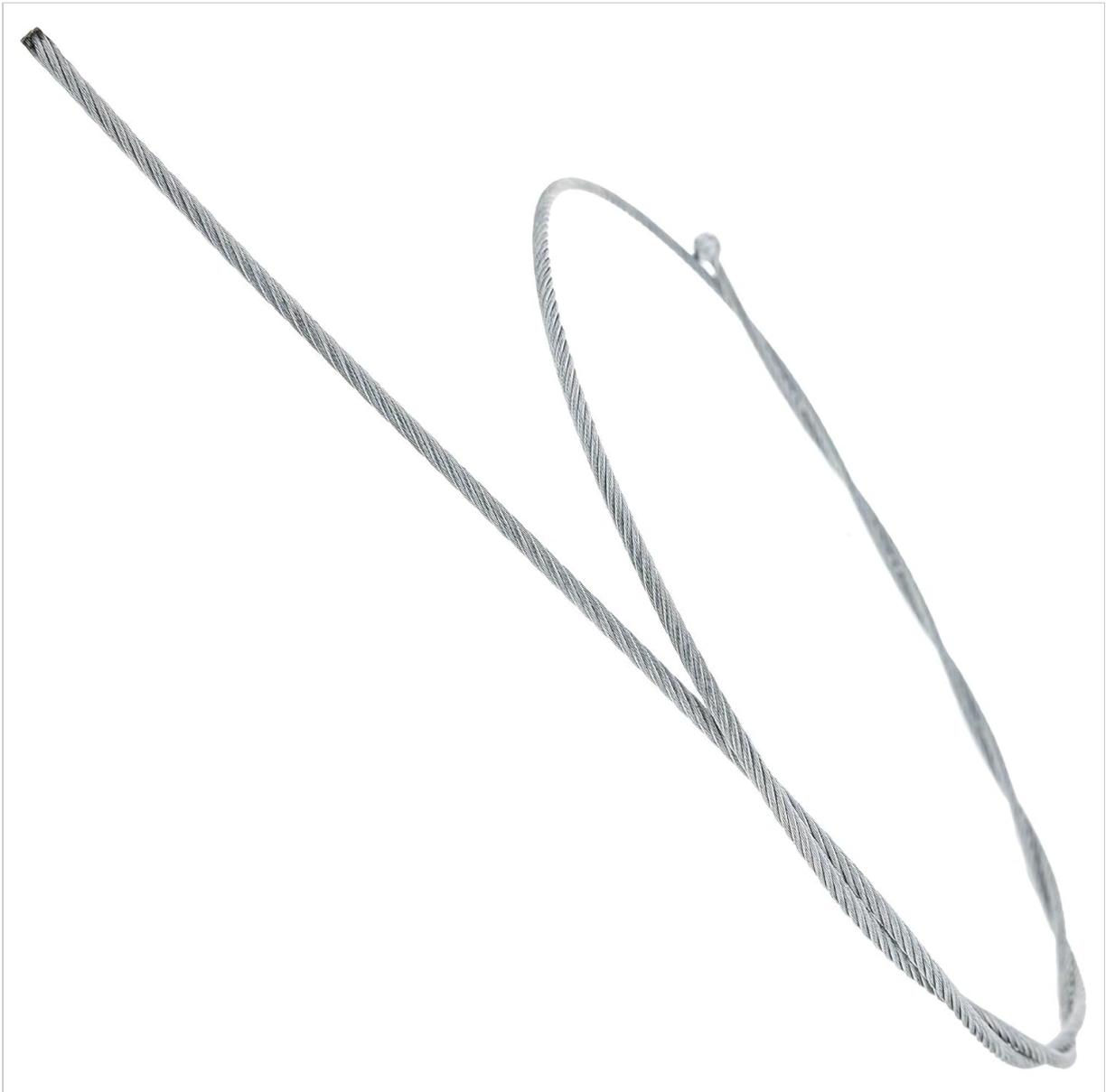


Image 1: Full view of the John Deere Spout Control Cable M96976. This cable is designed for durability and precise control.



Image 2: Close-up of one end of the control cable, featuring a spherical fitting for attachment to the control lever or spout mechanism.



Image 3: Close-up of the other end of the control cable, showing a cylindrical fitting designed for secure connection.

3. OPERATING INSTRUCTIONS

Once properly installed, the spout control cable facilitates the adjustment of the snowblower's discharge spout. The cable translates movement from the operator's control lever to the spout mechanism, allowing the operator to direct the snow discharge left or right.

- Engage the snowblower's power take-off (PTO) or equivalent mechanism as per your snowblower's operating manual.
- Use the designated control lever on your snowblower's console to rotate the discharge spout. The cable should provide smooth and responsive movement.
- Avoid forcing the control lever if resistance is met, as this may indicate an obstruction or a problem with the cable or spout mechanism.

4. MAINTENANCE

Regular inspection and basic maintenance will extend the life of your spout control cable.

- **Visual Inspection:** Periodically inspect the entire length of the cable for signs of wear, fraying, kinks, or damage to the outer casing. Check the connection points for looseness or corrosion.

- **Cleaning:** Keep the cable and its connection points clean from dirt, debris, ice, and snow buildup. A clean cable operates more smoothly.
- **Lubrication:** If the cable operation feels stiff, a light application of a suitable lubricant (e.g., silicone spray or light grease) to the cable ends and any exposed moving parts may improve performance. Consult your snowblower's manual for specific lubrication recommendations.
- **Replacement:** If the cable shows significant wear, damage, or if operation becomes consistently stiff or unreliable, replace it promptly with a genuine John Deere M96976 part to maintain safe and effective snowblower operation.

5. TROUBLESHOOTING

If you experience issues with your snowblower's spout control, consider the following:

- **Spout does not move or moves stiffly:**
 - Check for ice or debris obstructing the spout mechanism.
 - Inspect the cable for kinks, fraying, or damage.
 - Verify cable tension is correctly adjusted.
 - Ensure cable ends are securely attached.
 - Lubricate the cable and spout pivot points if necessary.
- **Spout moves but does not hold position:**
 - This may indicate a problem with the spout's friction mechanism or a stretched cable. Inspect and adjust as per your snowblower's service manual.
- **Cable is visibly broken or severely frayed:**
 - The cable requires immediate replacement.

If troubleshooting steps do not resolve the issue, contact an authorized John Deere service technician.

6. SPECIFICATIONS

Brand	John Deere
Model Number	M96976
Recommended Uses	Connecting components in John Deere snowblowers for spout control
Compatible Devices	John Deere 46, 47, and 54-inch Snowblowers
Item Weight	2.88 ounces
Product Dimensions	16 x 14 x 8 inches (packaging dimensions)
Outer Material	Durable materials
Indoor/Outdoor Usage	Indoor, Outdoor

7. WARRANTY AND SUPPORT

As a genuine John Deere OEM part, this spout control cable is manufactured to high standards. For specific warranty information, please refer to the warranty documentation provided with your original John

Deere equipment or contact an authorized John Deere dealer or customer support directly. Keep your purchase receipt for warranty claims.

For further assistance or to locate an authorized service center, please visit the official John Deere website or contact their customer service department.