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› Stens Replacement MTD Auger Clutch Cable (Models 746-0897 & 946-0897) User Manual

## Stens 746-0897, 946-0897

# Stens Replacement MTD Auger Clutch Cable (Models 746-0897 & 946-0897) User Manual

## INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of the Stens Replacement MTD Auger Clutch Cable, compatible with OEM part numbers 746-0897 and 946-0897. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and correct usage.

## SAFETY INFORMATION

Always prioritize safety when working with power equipment and replacement parts. Failure to follow these safety guidelines may result in injury or damage to equipment.

- **Disconnect Power:** Before beginning any installation or maintenance, ensure the equipment's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- **Use Correct Tools:** Use only the recommended tools for installation and removal.
- **Secure Equipment:** Ensure the equipment is stable and cannot move during the installation process.
- **Inspect Components:** Before installation, inspect the new cable for any signs of damage.

## PRODUCT OVERVIEW

The Stens Replacement MTD Auger Clutch Cable is a critical component designed to engage and disengage the auger system on compatible MTD snow blowers or similar equipment. This cable ensures proper power transfer from the engine to the auger, allowing for effective material clearing. It is a direct replacement for MTD OEM part numbers 746-0897 and 946-0897.



*Image 1: Stens Replacement MTD Auger Clutch Cable. This image displays the full length of the cable, including the spring, adjustment mechanism, and attachment points at both ends.*

## COMPATIBILITY

This replacement auger clutch cable is specifically designed to be compatible with MTD equipment that originally used OEM part numbers 746-0897 or 946-0897. Always verify your equipment's original part number before purchasing and installing this replacement cable.

## INSTALLATION INSTRUCTIONS

Follow these steps carefully to replace the auger clutch cable:

1. **Prepare Equipment:** Ensure the equipment is turned off, cooled down, and the spark plug wire is disconnected. Place the equipment on a stable, level surface.
2. **Locate Old Cable:** Identify the existing auger clutch cable. It typically runs from the auger engagement lever on the handle to the auger clutch mechanism near the engine or auger housing.
3. **Remove Old Cable:**
  - *Disconnect from Lever:* Detach the cable from the auger engagement lever on the handle. This usually involves removing a clip or pin.
  - *Disconnect from Clutch Mechanism:* Follow the cable down to the auger clutch mechanism. Disconnect it from this point, noting how it was routed and attached. You may need to remove a spring or a retaining clip.
  - *Remove Cable Guides:* Carefully unthread the cable from any guides or clamps that secure it along the frame.
4. **Install New Cable:**
  - *Route New Cable:* Route the new Stens cable exactly as the old one was routed, ensuring it passes through all original cable guides and clamps.

- *Attach to Clutch Mechanism:* Connect one end of the new cable to the auger clutch mechanism. Ensure all springs and retaining clips are correctly reinstalled.
  - *Attach to Lever:* Connect the other end of the cable to the auger engagement lever on the handle.
5. **Adjust Cable Tension:** Most auger clutch cables have an adjustment mechanism (often a threaded barrel adjuster) to set the proper tension. Adjust the cable so that the auger engages fully when the lever is squeezed and disengages completely when released. Refer to your equipment's specific service manual for precise tension specifications if available.
6. **Test Operation:** Reconnect the spark plug wire. Start the engine and carefully test the auger engagement and disengagement in a safe, open area. Ensure the auger stops completely when the lever is released. Make further adjustments if necessary.

## OPERATION

Once installed and properly adjusted, the auger clutch cable facilitates the operation of your equipment's auger. When the auger engagement lever is squeezed, the cable pulls on the clutch mechanism, engaging the auger. Releasing the lever disengages the auger, stopping its rotation. Always ensure the cable is properly tensioned for reliable and safe operation.

## MAINTENANCE

- Regular maintenance of your auger clutch cable will extend its lifespan and ensure reliable performance:
- **Inspection:** Periodically inspect the cable for fraying, kinks, rust, or damage to the outer casing. Replace the cable immediately if any damage is observed.
  - **Lubrication:** Apply a light lubricant to the cable ends and pivot points of the clutch mechanism annually or as recommended by your equipment's manufacturer.
  - **Adjustment:** Check and adjust cable tension as needed to maintain proper auger engagement and disengagement.
  - **Cleaning:** Keep the cable and its routing path free from dirt, debris, and ice buildup.

## TROUBLESHOOTING

If you experience issues with your auger clutch system after installing the new cable, consider the following:

| Problem                              | Possible Cause                                                    | Solution                                                                            |
|--------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Auger does not engage fully.         | Cable too loose; incorrect routing; clutch mechanism obstruction. | Adjust cable tension; verify cable routing; inspect clutch for debris.              |
| Auger does not disengage completely. | Cable too tight; cable binding; clutch mechanism sticking.        | Loosen cable tension; check cable for kinks/fraying; lubricate clutch pivot points. |
| Cable appears damaged or frayed.     | Wear and tear; improper installation; external damage.            | Replace the cable immediately.                                                      |

## SPECIFICATIONS

| Feature | Detail |
|---------|--------|
|---------|--------|

| Feature                   | Detail                                                                            |
|---------------------------|-----------------------------------------------------------------------------------|
| Product Type              | Auger Clutch Cable                                                                |
| Brand                     | Stens                                                                             |
| Replaces OEM Part Numbers | MTD: 746-0897, MTD: 946-0897                                                      |
| Product Dimensions        | 50 x 50 x 5 inches (Packaging/Shipping dimensions, actual cable length will vary) |
| Item Weight               | 0.01 ounces                                                                       |
| Manufacturer              | Stens                                                                             |

## WARRANTY INFORMATION

Stens products are manufactured to high-quality standards. For specific warranty details regarding this replacement part, please refer to the official Stens warranty policy available on their website or contact Stens customer support directly. Keep your purchase receipt as proof of purchase.

## CUSTOMER SUPPORT

If you have any questions regarding the installation, operation, or maintenance of your Stens Replacement MTD Auger Clutch Cable, please contact Stens customer support. For the most current contact information, visit the official Stens website.

*Note: Always refer to your equipment's original manufacturer's manual for specific instructions and safety precautions related to your particular model.*

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