

## Murray 43827MA

# Murray 43827MA Engine Stop Cable Instruction Manual

Model: 43827MA

## INTRODUCTION

This manual provides instructions for the proper installation and maintenance of the Murray 43827MA Engine Stop Cable. This genuine Murray replacement part is designed for use with compatible lawn mowers to ensure safe and effective engine shutdown. Please read these instructions carefully before proceeding with installation or use.

## SAFETY INFORMATION

### WARNING:

- Always disconnect the spark plug wire before performing any maintenance or installation on your lawn mower to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation.
- Ensure the engine is cool before handling any components.
- If you are unsure about any step, consult a qualified service technician.

## INSTALLATION INSTRUCTIONS

Follow these steps to replace your engine stop cable:

### 1. Prepare the Mower:

Ensure the lawn mower engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. Position the mower on a flat, stable surface.

### 2. Locate the Old Cable:

Identify the existing engine stop cable. It typically runs from the operator presence control (bail bar) on the handle to the engine's carburetor or ignition system.



Image: The Murray 43827MA Engine Stop Cable, showing its overall length and connection points. This cable is a replacement part for lawn mower engine stop mechanisms.

### 3. Remove the Old Cable:

Carefully detach the cable from both the bail bar lever and the engine connection point. Note how the old cable was routed and connected, as the new cable will be installed in the same manner. You may need basic hand tools like pliers or a wrench.

### 4. Install the New Cable:

Attach one end of the new Murray 43827MA cable to the engine's stop mechanism. Route the cable along the mower's handle, securing it with any existing clips or ties, to prevent it from snagging. Connect the other end to the operator presence control (bail bar) lever.

### 5. Adjust the Cable:

Ensure there is proper tension on the cable. When the bail bar is released, the cable should fully engage the engine stop mechanism. When the bail bar is held, the cable should allow the engine to run freely. Adjust if necessary, following your mower's specific adjustment procedures, which may involve a tensioning screw or bracket.

### 6. Test the System:

Reconnect the spark plug wire. Start the engine according to your mower's instructions. Release the bail bar to ensure the engine stops immediately. If the engine does not stop, re-check the cable installation and adjustment.

## OPERATION AND FUNCTION

The Murray 43827MA Engine Stop Cable is a critical safety component. Its primary function is to connect the operator presence control (bail bar) to the engine's ignition system. When the bail bar is released, the cable pulls a lever that grounds the ignition, thereby stopping the engine. This safety feature is designed to prevent injury by shutting off the engine if the operator loses control of the mower.

Always ensure the cable is free from kinks, fraying, or damage, as this can impair its ability to stop the engine effectively.

## MAINTENANCE

- **Regular Inspection:** Periodically inspect the engine stop cable for signs of wear, fraying, kinks, or damage. Check the connection points at both the bail bar and the engine for secure attachment.
- **Cleaning:** Keep the cable and its routing path free from dirt, debris, and grass clippings. A clean cable operates more smoothly.

- **Lubrication:** Lightly lubricate the cable ends and pivot points with a suitable lubricant (e.g., silicone spray or light oil) to ensure smooth operation, especially if you notice stiffness. Avoid over-lubrication, which can attract dirt.
- **Replacement:** Replace the cable immediately if any damage or excessive wear is observed, or if the engine stop function becomes unreliable.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine does not stop when bail bar is released.	Cable is too loose or disconnected. Cable is damaged or frayed. Engine stop mechanism is faulty.	Check cable tension and adjust. Inspect cable for damage and replace if necessary. Consult mower's service manual for engine stop mechanism repair.
Engine does not start when bail bar is held.	Cable is too tight, keeping the engine stop mechanism engaged.	Adjust cable tension to ensure it disengages the stop mechanism when the bail bar is held.
Cable feels stiff or sticky.	Lack of lubrication. Dirt or debris in the cable housing.	Clean and lightly lubricate the cable. If stiffness persists, consider replacing the cable.

## SPECIFICATIONS

**Part Number:** 43827MA (Replaces 43827)

**Type:** Engine Stop Cable (S-cable)

**Length:** Approximately 48.50 inches

**Brand:** Murray

**Product Dimensions:** 1 x 1 x 1 inches (packaging/shipping dimensions)

**Item Weight:** 1.6 ounces

## WARRANTY INFORMATION

This Murray genuine replacement part is typically covered by a limited manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and conditions, please refer to the documentation provided with your original lawn mower or contact Murray customer support. Keep your purchase receipt as proof of purchase.

## CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about other genuine Murray replacement parts, please visit the official Murray website or contact their customer service department. When contacting support, please have your product model number (43827MA) and your lawn mower's model and serial numbers readily available.

You can often find contact information on the Murray brand's official website or through authorized dealers.

