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## McLane Aftermarket 1013-97

# McLane Throttle Control - Choke Cable User Manual

Model: 1013-97

## 1. PRODUCT OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of the McLane Throttle Control - Choke Cable, designed as a replacement for McLane Part #1013-97. This commercial-grade component is engineered for durability and compatibility with all McLane Mowers and Edgers.

The throttle control assembly includes a metal handle and cable, measuring 38 inches in length, which can be shortened if required for specific applications. It offers precise control over engine speed and choke function.

## 2. SAFETY INFORMATION

Always prioritize safety when working with power equipment. Read and understand all instructions before installation or operation. Failure to follow safety guidelines can result in serious injury or property damage.

- Disconnect the spark plug wire or remove the battery before performing any installation or maintenance to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during installation.
- Ensure the engine is cool before handling any components.
- If drilling is required, use appropriate tools and follow all safety precautions for drilling.
- Keep hands, feet, and clothing away from moving parts.
- If you are unsure about any step, consult a qualified service technician.

## 3. PRODUCT FEATURES

- **Commercial Grade Throttle Cable:** Constructed for enhanced durability and longevity in demanding environments.
- **Adjustable Length:** The 38-inch cable can be cut to a shorter length if necessary to fit specific equipment configurations.
- **U.S. Metal Handle and Cable:** Features robust metal components for reliable performance.

- **Wide Compatibility:** Designed to fit all McLane Edgers and Front Reel Mowers.

## 4. COMPATIBILITY

This McLane Throttle Control - Choke Cable (Part #1013-97) is compatible with the following McLane equipment:

- All McLane Edgers
- All McLane Front Reel Mowers

This part is a direct replacement for the original McLane Part #1013-97.

## 5. SETUP AND INSTALLATION

Installation of this commercial-grade throttle control requires drilling two holes into the handle plate of your McLane equipment. Follow these general steps:

1. **Prepare the Equipment:** Ensure the engine is off and cool. Disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Control (if applicable):** Carefully detach the existing throttle control and cable from the handle and the engine carburetor/choke mechanism. Note how the old cable was routed.
3. **Position New Control:** Place the new McLane Throttle Control on the desired mounting location on the handle plate. Mark the positions for the two mounting holes.
4. **Drill Mounting Holes:** Using an appropriate drill bit for the handle plate material, carefully drill the two marked holes. Ensure the holes are clean and free of burrs.
5. **Mount the Control:** Secure the new throttle control to the handle plate using suitable fasteners (not included, as per product description implying drilling).
6. **Route the Cable:** Route the new cable from the handle control down to the engine, following the path of the original cable. Ensure the cable is not pinched, kinked, or routed near hot or moving parts.
7. **Connect to Engine:** Attach the end of the cable to the carburetor's throttle and choke levers as appropriate for your specific McLane model. Ensure smooth operation of both mechanisms.
8. **Adjust Cable Length (if needed):** If the 38-inch cable is too long, it can be carefully cut to the required length. Ensure the inner wire is properly secured after cutting.
9. **Test Operation:** Reconnect the spark plug wire. Start the engine and test the throttle and choke functions to ensure they operate smoothly and correctly. Adjust cable tension if necessary.



Figure 1: Front view of the McLane Throttle Control - Choke Cable assembly.



Figure 2: Side view of the McLane Throttle Control, showing the cable and lever mechanism.

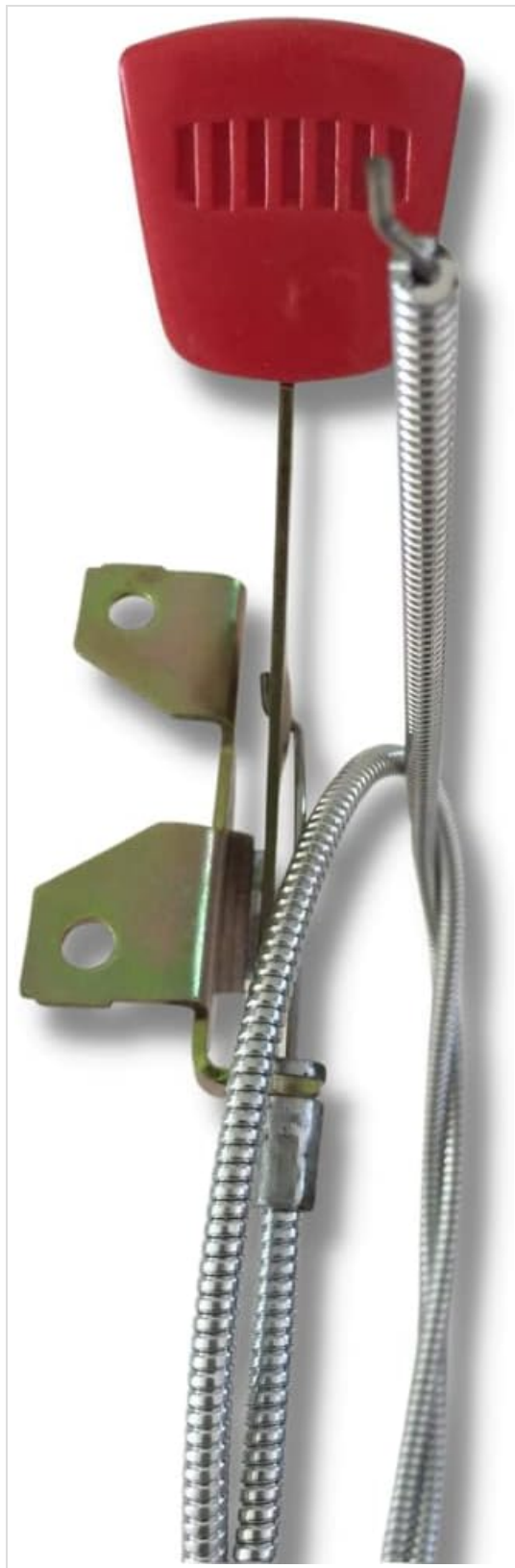


Figure 3: Close-up of the red handle and the metal mounting bracket of the throttle control.



Figure 4: Example of a McLane reel mower, which is compatible with this throttle control.



Figure 5: Example of a McLane edger, which is compatible with this throttle control.



Figure 6: Top view of a McLane machine's handlebar, showing a typical mounting area for the throttle control.

## 6. OPERATING THE THROTTLE CONTROL

Once installed, the throttle control operates similarly to the original part. It typically features a lever that allows you to adjust the engine's RPM (revolutions per minute) and engage/disengage the choke.

- **Choke Function:** For cold starts, move the lever to the "Choke" position. This enriches the fuel mixture, aiding in starting. Once the engine starts and runs smoothly, move the lever out of the choke position.
- **Throttle Adjustment:** Move the lever to increase or decrease engine speed. Higher positions typically correspond to higher RPMs for cutting or edging, while lower positions reduce speed for idling or transport.
- **Stop Function:** Some controls may have a "Stop" position that grounds the ignition system, shutting off the engine.

Refer to your specific McLane equipment's owner's manual for detailed instructions on engine starting and operation procedures.

## 7. MAINTENANCE

Proper maintenance ensures the longevity and smooth operation of your throttle control cable.

- **Lubrication:** Periodically apply a light lubricant (e.g., silicone spray or cable lubricant) to the inner cable where it enters the housing and at the pivot points of the lever. This helps prevent corrosion and ensures smooth movement.
- **Inspection:** Regularly inspect the cable for signs of fraying, kinking, or damage to the outer casing. Check the mounting points for looseness.
- **Cleaning:** Keep the control lever and cable free from dirt, debris, and grass clippings, which can impede movement.
- **Adjustment:** If the throttle or choke action becomes sluggish or unresponsive, check the cable tension and adjust as needed according to your equipment's manual.

## 8. TROUBLESHOOTING

If you experience issues with your McLane Throttle Control, consider the following:

- **Cable Sticking/Stiff:**
  - Check for kinks or sharp bends in the cable routing.
  - Lubricate the cable and pivot points.
  - Ensure no debris is obstructing the lever or cable path.
- **Throttle Not Responding Fully:**
  - Verify the cable is securely attached to both the control lever and the carburetor/choke mechanism.
  - Check for proper cable tension and adjustment.
  - Inspect the carburetor's throttle and choke levers for free movement.
- **Engine Not Starting (Choke Issue):**
  - Ensure the choke mechanism on the carburetor is fully engaging when the control lever is in the "Choke" position.
  - Check for proper cable connection and adjustment to the choke lever.

If problems persist after troubleshooting, it is recommended to consult a qualified service technician or the equipment manufacturer.

## 9. SPECIFICATIONS

<b>Part Number:</b>	1013-97
<b>Cable Length:</b>	38 inches (can be cut to shorter length)
<b>Material:</b>	U.S. Metal handle and cable
<b>Grade:</b>	Commercial Grade
<b>Manufacturer:</b>	SaidiCo Direct
<b>Compatibility:</b>	All McLane Mowers and Edgers

## 10. WARRANTY AND SUPPORT

For specific warranty information regarding this McLane Aftermarket Throttle Control - Choke Cable, please refer to the documentation provided with your purchase or contact the seller, GoldenwestLawnmowers, directly. For technical support or further assistance, it is recommended to reach out to the manufacturer, SaidiCo Direct, or a certified McLane service center.