

## 8TEN 810-CSP2213N

# 8TEN Mower Spindle with Shaft Instruction Manual

MODEL: 810-CSP2213N

## 1. Introduction and Overview

This manual provides essential information for the installation, operation, and maintenance of your 8TEN Mower Spindle with Shaft. This product is designed as a replacement part for specific Murray lawn mower decks. Please read this manual thoroughly before attempting any installation or maintenance procedures.

The 8TEN Mower Spindle with Shaft (Model 810-CSP2213N) is compatible with Murray 38-52 inch decks and replaces OEM part numbers 094129MA, 774091, 774091MA, 94129, and 94129MA. This package includes three spindle units.

## 2. Safety Information

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

- Before beginning any work, ensure the lawn mower engine is off and the spark plug wire is disconnected to prevent accidental starting.
- Wear appropriate personal protective equipment (PPE), including safety glasses and heavy-duty gloves.
- Use proper tools for the job.
- Ensure the mower is on a stable, level surface and secured to prevent movement.
- Keep children and pets away from the work area.

## 3. Package Contents

Your package should contain the following items:

- 3 x 8TEN Mower Spindle with Shaft units

*Note: Blade mounting hardware is not included with these spindle units. Bolts for installation are also not included and may require tapping if not self-tapping.*



Image: Three 8TEN Mower Spindles with Shafts, shown from an angled top-down perspective.

## 4. Specifications

Feature	Detail
Model Number	810-CSP2213N
Spindle Height	2 inches
Product Dimensions	18 x 5 x 5 inches
Item Weight	8.7 pounds (for the pack)
OEM Part Numbers Replaced	Murray 094129MA, 774091, 774091MA, 94129, 94129MA

## 5. Compatibility

These 8TEN Mower Spindles are designed to fit various Murray lawn mower models with 38-inch and 52-inch decks. They are direct replacements for the following OEM part numbers:

- Murray 094129MA
- Murray 774091
- Murray 774091MA
- Murray 94129
- Murray 94129MA

Specific Murray models include, but are not limited to: 40614B, 38500A, 38500x83A, 38500x92A, 38500x92B, 38501x50A, 38502x51A, 38502x66A, 38502x67A, 38504A, 38504x25A, 38506x4A, 38510x50A, 38510x59A, 38514x95A, 40501x30A, 40530x51A, 40530x83A, 40530x92A, 40531x50A, 40531x59A, 40536x4A, 40538A, 40541A, 40542A, 40542B, 38500B, 38501x50B, 38502x51B, 38502x98A, 38515x83A, 38515x92A, 38515x92B, 38516x29A, 38516x52A, 40502x50A, 40503x88A, 40563x88A, 40564x51A, 38500x30A, 38501x50C, 38502x51C, 38502x86A, 38502x98B, 38516x29B, 38516x52B, 38516x70A, 40502x50B, 40504x92A, 40505x95A, 40530x51B, 40541C, 40542D, 40564x51B, 40564x86A, 40566x95A, 38501x50D, 38502x51D, 38502x52A, 38502x86B, 38502x98C, 38516x53A, 38518x58B, 38519x58B, 38560x181A, 38560x81A, 40502x50C, 40506x88A, 40506x88B, 40507x14A, 40507x31A, 40507x8A, 40507x8B, 40542E, 40560x50C, 40564x51C, 40564x88A, 40564x88B, 38501x50E, 385020x51A, 38502x51E, 38502x70A, 38516x53B, 38518x58C, 38519x58C, 38560x181B, 405019x50A, 40507x31B, 40508x52A, 40508x92D, 40510x50B, 40541E, 40541x99C, 40560x50D, 40560x50E, 405618x81A, 405014x92A, 405015x92A, 40508x92E, 312001x50C, 312002x98B, 312006x50A.

## 6. Installation Instructions (Setup)

Follow these general steps for replacing a mower spindle. Specific procedures may vary slightly depending on your mower model. Refer to your mower's original service manual for detailed instructions.

1. **Prepare the Mower:** Park the mower on a flat, stable surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire to prevent accidental starting. Engage the parking brake.
2. **Access the Deck:** Carefully raise the mower deck or remove it from the mower frame, following your mower's specific instructions.
3. **Remove Blades:** Using appropriate tools, carefully remove the mower blades from the old spindle. Be aware that blades can be sharp.
4. **Remove Old Spindle:** Locate the bolts securing the old spindle to the mower deck. Remove these bolts and carefully detach the old spindle.
5. **Install New Spindle:** Position the new 8TEN spindle onto the mower deck. Secure it with appropriate bolts. Note that these spindles do not come with bolts, and if your existing bolts are not self-tapping, you may need to tap the holes or use new bolts. Ensure the spindle is seated correctly and tightened securely according to your mower's torque specifications.
6. **Reattach Blades:** Reattach the mower blades to the new spindle, ensuring they are properly oriented and tightened to the manufacturer's specifications.
7. **Reassemble Mower:** Reinstall the mower deck onto the mower frame. Reconnect the spark plug wire.



Image: Top view of an 8TEN Mower Spindle, highlighting the central shaft and a grease zerk for lubrication.

## 7. Operation

After installation, perform a visual inspection to ensure all components are securely fastened and there are no obstructions. Start the mower and engage the blades at a low speed in a clear area to check for proper function and unusual noises or vibrations. If any issues are observed, immediately shut down the mower and re-inspect the installation.

## 8. Maintenance

Regular maintenance extends the life of your mower spindles and ensures optimal performance.

- **Lubrication:** These spindles feature grease zerks. Regularly lubricate the spindles with appropriate grease using a grease gun. Consult your mower's manual for recommended lubrication intervals.
- **Inspection:** Periodically inspect the spindles for any signs of wear, damage, or looseness. Check for excessive play in the shaft or unusual noises during operation.
- **Cleaning:** Keep the area around the spindles clean and free of grass clippings and debris, which can hinder

performance and lead to premature wear.



Image: Underside view of an 8TEN Mower Spindle, showing the shaft, bearing, and mounting holes.

## 9. Troubleshooting

If you encounter issues after installing the new spindles, consider the following:

- **Excessive Vibration or Noise:** This could indicate improperly balanced blades, loose mounting bolts, or a damaged spindle. Recheck blade balance and bolt tightness. Inspect the spindle for any visible damage.
- **Seized Spindle:** A seized spindle can occur due to lack of lubrication, contamination, or bearing failure. Ensure regular greasing. If a spindle seizes, it will need to be replaced.
- **Poor Cut Quality:** While primarily related to blades, a faulty spindle can contribute. Ensure blades are sharp, balanced, and correctly installed on the spindle.

## 10. Warranty and Support

8TEN products are backed by an 810-day warranty. For warranty claims, technical assistance, or further support, please contact 8TEN customer service through their official channels or the retailer where the product was

purchased.

Your browser does not support the video tag.

Video: An overview of 8TEN aftermarket lawn and garden replacement parts, showcasing various products including blades, belts, and chains. This video provides general information about the 8TEN brand and its product range.



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