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› Murray 1401079E701MA 30-Inch Cut 3-N-1 Single Blade Instruction Manual

## Murray 1401079E701MA

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## INTRODUCTION

This manual provides essential instructions for the safe and correct installation, operation, and maintenance of your Murray 1401079E701MA 30-inch cut 3-N-1 single blade. This genuine Murray replacement blade is designed for specific Murray lawn mowers and replaces part numbers 1401079E701 and 1401079. Please read this manual thoroughly before attempting any installation or maintenance procedures.



Image: The Murray 1401079E701MA 30-inch cut 3-N-1 single blade, shown from a top-down perspective, highlighting its cutting edge and mounting hole.

## SAFETY INFORMATION

Always prioritize safety when working with lawn mower blades. Failure to follow these safety guidelines can result in serious injury.

- **Disconnect Spark Plug:** Before performing any work on the mower, always disconnect the spark plug wire to prevent accidental engine starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves and eye protection when handling or working near mower blades. Blades are sharp and can cause severe cuts.
- **Secure the Mower:** Ensure the lawn mower is on a flat, stable surface and cannot roll or tip over during blade removal or installation.
- **Allow Engine to Cool:** If the mower has been recently used, allow the engine and muffler to cool down

completely before beginning work.

- **Use Correct Tools:** Use appropriate tools for blade removal and installation to prevent damage to the blade or mower components.
- **Inspect Blade Regularly:** Periodically inspect the blade for damage, bends, or excessive wear. Replace damaged blades immediately.

## INSTALLATION INSTRUCTIONS

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Follow these steps carefully to install the new Murray 30-inch cut 3-N-1 single blade.

### Tools Required:

- Socket wrench with appropriate size socket for blade bolt
- Torque wrench
- Wood block or blade removal tool
- Heavy-duty work gloves
- Safety glasses

### Procedure:

1. **Prepare the Mower:** Ensure the mower is turned off, the spark plug wire is disconnected, and the engine is cool. Tip the mower onto its side with the carburetor facing upwards to prevent fuel leakage.
2. **Secure the Blade:** Place a wood block between the blade and the mower deck to prevent the blade from turning while you loosen the bolt.
3. **Remove Old Blade:** Using the socket wrench, loosen and remove the blade bolt. Note the orientation of the old blade and any washers or spacers for correct reassembly. Remove the old blade.
4. **Clean Mounting Area:** Clean any grass clippings or debris from the blade mounting area on the mower deck and spindle.
5. **Install New Blade:** Position the new Murray 1401079E701MA blade onto the spindle, ensuring the cutting edges face the correct direction (typically towards the ground when the mower is upright). The blade should fit snugly against the spindle.
6. **Reattach Bolt:** Reinstall any washers or spacers, then thread the blade bolt back into place. Hand-tighten the bolt.
7. **Torque the Bolt:** Use the torque wrench to tighten the blade bolt to the manufacturer's specified torque setting. Refer to your lawn mower's owner's manual for the exact torque specification. Proper torque is crucial for safety and performance.
8. **Final Check:** Remove the wood block, return the mower to its operating position, and reconnect the spark plug wire. Ensure the blade spins freely without obstruction.

## OPERATING CONSIDERATIONS

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Once the new blade is installed, proper operation of your lawn mower will ensure optimal cutting performance and blade longevity.

- **Mow Dry Grass:** For the best cut and to reduce strain on the mower, mow when the grass is dry.
- **Avoid Obstacles:** Be vigilant for rocks, sticks, and other debris that can damage the blade or cause injury.
- **Maintain Engine Speed:** Operate the mower at the recommended engine speed for efficient cutting.
- **Check for Vibration:** If excessive vibration occurs after blade installation, immediately shut off the mower, disconnect the spark plug, and inspect the blade for proper installation and balance.

## MAINTENANCE

Regular maintenance of your blade will ensure a clean cut and extend its lifespan.

- **Clean After Each Use:** After each mowing session, disconnect the spark plug and carefully clean grass clippings and debris from the underside of the mower deck and the blade.
- **Inspect for Damage:** Regularly inspect the blade for nicks, bends, or cracks. A damaged blade can cause uneven cutting and excessive vibration.
- **Sharpening:** Sharpen the blade periodically to maintain a keen cutting edge. Use a blade sharpener or file, ensuring the original blade angle is maintained. Always sharpen both ends equally to maintain blade balance. An unbalanced blade can cause severe vibration and damage to the mower.
- **Replacement:** Replace the blade if it is severely bent, cracked, or worn beyond safe limits. Refer to your mower's manual for specific replacement guidelines.

## TROUBLESHOOTING

This section addresses common issues related to the lawn mower blade.

Problem	Possible Cause	Solution
Uneven Cut	Dull or bent blade; incorrect blade installation; uneven mower deck.	Sharpen or replace blade; ensure blade is installed correctly and torqued; check and adjust mower deck level.
Excessive Vibration	Unbalanced blade (due to damage or improper sharpening); loose blade bolt; bent crankshaft.	Inspect blade for damage and balance; tighten blade bolt to specified torque; if crankshaft is bent, seek professional service.
Poor Mulching Performance	Dull blade; wet grass; grass too tall.	Sharpen blade; mow when grass is dry; cut tall grass in multiple passes.

## SPECIFICATIONS

**Model Number:** 1401079E701MA

**Blade Type:** 3-N-1 Single Blade

**Cut Width:** 30 inches

**Replaces Part Numbers:** 1401079E701, 1401079

**Product Dimensions:** 29.9 x 4 x 0.8 inches

**Item Weight:** 3.44 pounds

**Manufacturer:** Murray

## SUPPORT AND WARRANTY

For further assistance, technical support, or warranty information regarding your Murray 1401079E701MA blade, please contact Murray customer service or refer to the original lawn mower's owner's manual. Keep your purchase receipt for warranty claims.

For general information about Murray products, you may visit the official Murray website or the Briggs & Stratton store on Amazon: [Murray/Briggs & Stratton Store](#).

