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> Mr Mower Parts 742P05086 Ultra High-Lift Blade Set (54-inch Cut) Instruction Manual

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PRODUCT OVERVIEW

This instruction manual provides essential information for the safe and effective use of your Mr Mower Parts 742P05086 Ultra High-Lift Blade Set. These blades are designed for 54-inch cut lawn mowers compatible with Cub Cadet, MTD, and Craftsman models, including Enduro XT1-GT54, XT2-ST54, Ultima ZT1-54, and ZT2-54 series.

Key Features

- **Ultra High-Lift Design:** Engineered to provide superior grass lift for a clean and even cut.
- **Precision Fit:** Features a diamond-shaped center hole for secure attachment to "S" shaped spindle shafts.
- **Durable Construction:** Manufactured from high-quality materials for long-lasting performance.
- **Easy Installation:** Direct replacement design for compatible models.

SAFETY INFORMATION

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

- **Disconnect Spark Plug:** Before performing any maintenance or installation, always disconnect the spark plug wire to prevent accidental engine starting.
- **Wear Protective Gear:** Use heavy-duty gloves, safety glasses, and appropriate footwear to protect against sharp edges and potential debris.
- **Secure the Mower:** Ensure the lawn mower is on a flat, stable surface and properly supported to prevent it from tipping during blade removal or installation.
- **Handle Blades Carefully:** Blades are sharp. Handle them with extreme caution to avoid cuts.

- **Inspect Components:** Before installation, inspect all components for damage or wear. Replace any damaged parts.

SETUP AND INSTALLATION

Blade Identification and Compatibility

Your new Mr Mower Parts blades feature a diamond-shaped center hole, which is compatible with "S" shaped spindle shafts found on many Cub Cadet, MTD, and Craftsman models. This design provides increased surface contact for a more secure fit and improved gripping power compared to older "S" shaped holes.

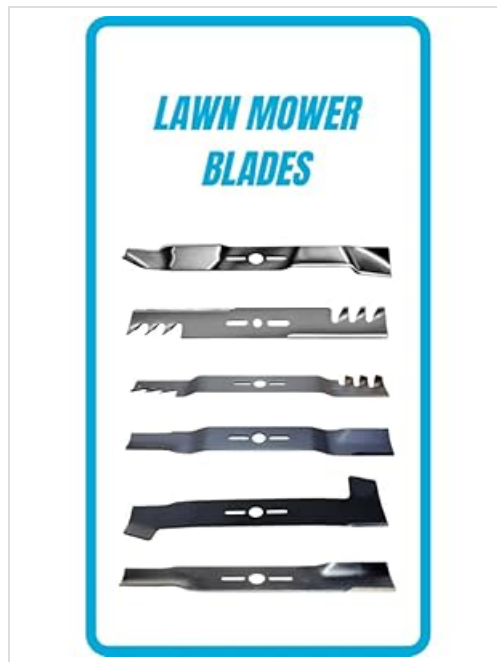


Figure 1: Diagram showing the diamond-shaped center hole for proper spindle shaft fit.

Installation Steps

1. **Prepare the Mower:** Park the mower on a level surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire.
2. **Secure the Deck:** If possible, raise the mower deck to access the blades. Use a block of wood or a specialized blade removal tool to prevent the blade from turning while loosening the mounting bolt.
3. **Remove Old Blades:** Using a wrench, loosen and remove the blade mounting bolt. Carefully remove the old blade and any washers or spacers. Note the orientation of the old blade for reference.
4. **Install New Blades:** Position the new Mr Mower Parts blade onto the spindle shaft, ensuring the diamond-shaped center hole aligns correctly with the shaft. The cutting edge of the blade should face upwards towards the mower deck.
5. **Secure the Blades:** Reinstall any washers or spacers, then thread the blade mounting bolt back into place. Tighten the bolt securely according to your mower's manufacturer specifications (typically 70-90 ft-lbs). Do not overtighten.
6. **Repeat for all Blades:** Follow the same procedure for all remaining blades.
7. **Reconnect Spark Plug:** Once all blades are securely installed, reconnect the spark plug wire.

Your blades might have the "S" Shape but this is the proper center hole for the replacement

"Blade Illustration shown Bottom View"

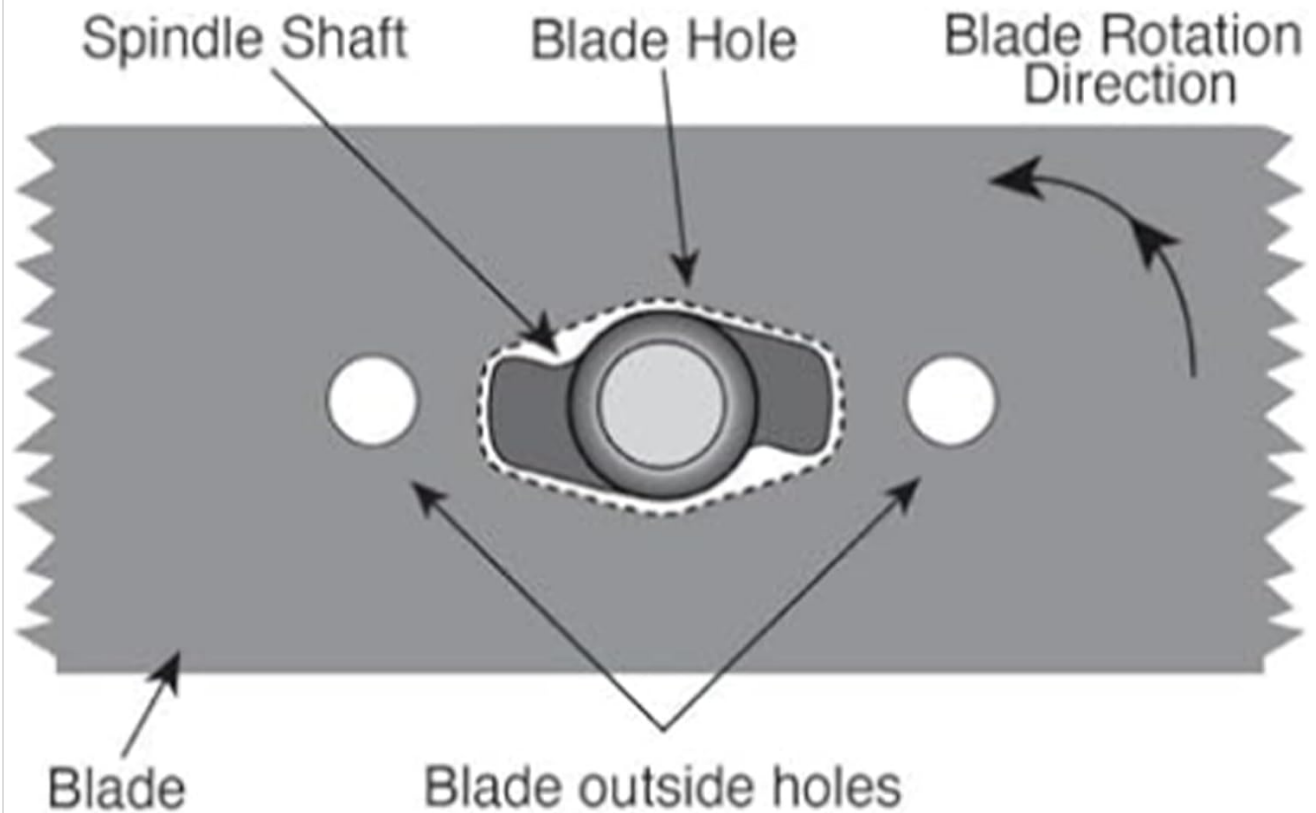


Figure 2: The Mr Mower Parts 742P05086 Ultra High-Lift Blade Set.

Video Guide: Blade Installation and Design Explanation

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Video 1: This video from Mr Mower Parts explains the advanced design of the blades, including the diamond-shaped center hole and air foil design, and demonstrates proper installation for Cub Cadet, MTD, and Craftsman mowers.

OPERATING INSTRUCTIONS

After installing your new blades, ensure the mower deck is set to the desired cutting height. For optimal performance and a healthy lawn, follow these general operating guidelines:

- **Mow Dry Grass:** Always mow when the grass is dry to prevent clogging and ensure a clean cut.
- **Overlap Passes:** Overlap each mowing pass slightly to avoid leaving uncut strips.
- **Vary Mowing Pattern:** Change your mowing pattern regularly to prevent matting and rutting of the lawn.
- **Avoid Obstacles:** Be mindful of rocks, branches, and other debris that can damage blades.
- **Check for Vibration:** If you notice excessive vibration after starting the mower, immediately shut it off and inspect the blades for proper installation and balance.

MAINTENANCE

Regular maintenance of your lawn mower blades ensures optimal cutting performance and extends their lifespan.

Blade Sharpening

- Inspect blades for dullness or nicks after every few uses.
- Sharpen blades using a file or grinder, maintaining the original cutting angle.
- Ensure blades are balanced after sharpening to prevent excessive vibration. Unbalanced blades can cause damage to the mower and an uneven cut.

Cleaning and Storage

- Clean grass clippings and debris from the blades and underside of the mower deck after each use.
- For long-term storage, clean blades thoroughly and apply a light coat of oil to prevent rust.
- Store blades in a dry, safe place away from moisture and out of reach of children.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Uneven Cut	Dull or bent blades; improperly installed blades; unbalanced blades.	Sharpen or replace blades; ensure correct installation and torque; balance blades.
Excessive Vibration	Unbalanced blades; bent spindle shaft; debris caught in deck.	Balance or replace blades; inspect spindle shaft for damage; clear debris from deck.
Poor Grass Discharge	Clogged deck; wet grass; dull blades.	Clean underside of deck; mow when grass is dry; sharpen or replace blades.

SPECIFICATIONS

Feature	Detail
Product Dimensions	18.63 x 3 x 0.25 inches
Item Weight	2 pounds (per blade, approximate)

Feature	Detail
Manufacturer	Mr Mower Parts
Item Model Number	742-05086, 742P05086
Compatibility	54" Cut Cub Cadet, MTD, Craftsman (Enduro XT1-GT54, XT2-ST54, Ultima ZT1-54, ZT2-54)
Center Hole Type	Diamond Shape (for "S" Style Hubs)
Blade Thickness	0.158 inches

WARRANTY INFORMATION

Mr Mower Parts products are manufactured to high-quality standards. For specific warranty details regarding your 742P05086 Ultra High-Lift Blade Set, please refer to the packaging or contact Mr Mower Parts customer support directly. Generally, products are warranted against defects in materials and workmanship under normal use.

CUSTOMER SUPPORT

If you have any questions about the installation, operation, maintenance, or compatibility of your Mr Mower Parts 742P05086 Ultra High-Lift Blade Set, please contact our customer support team.

- **Online:** Visit the [Mr Mower Parts Store on Amazon](#).
- **Manufacturer:** Mr Mower Parts