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All States 189351

All States Disc Mower Blade 189351 Instruction Manual

Model: 189351 | Brand: All States

1. PRODUCT OVERVIEW

The All States Disc Mower Blade, Model 189351, is a high-quality replacement blade specifically designed for M&W Hay Cutting machines. This package includes 25 left-hand, Type 10 blades, engineered for durability and efficient cutting performance in agricultural applications.

Key features of these blades include:

- **Compatibility:** Designed for M&W Hay Cutting models HC5, HC6, and HC7.
- **OEM Replacement:** Directly replaces M&W OEM Number 3238726.
- **Corrosion Resistance:** Blades are powder coated to prevent rust and extend their operational life.
- **Quantity:** Supplied in a convenient package of 25 blades.
- **Dimensions:** Hole Diameter: 0.79", Length: 3.94", Thickness: 0.16", Width: 1.77".

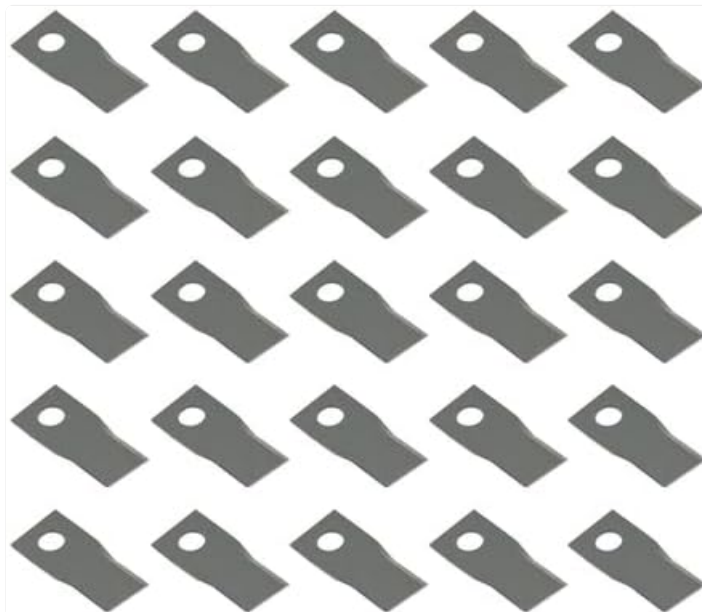


Image 1.1: A package containing 25 All States Disc Mower Blades, Model 189351, ready for installation.

2. SETUP AND INSTALLATION

Installation of disc mower blades requires careful attention to safety and proper procedure. Always consult your M&W hay cutting machine's original operator's manual for specific blade replacement instructions and safety guidelines before proceeding.

Safety Precautions:

- Ensure the hay cutting machine is completely turned off and disconnected from its power source (e.g., tractor PTO) before beginning any work.
- Engage all safety locks and stands to prevent accidental movement of the machine.
- Wear appropriate personal protective equipment, including heavy-duty gloves and eye protection.
- Allow any hot components to cool down before handling.

Installation Steps:

1. **Access Blades:** Carefully lift or position the mower head to gain clear access to the disc blades.
2. **Identify Worn Blades:** Locate the blades that need replacement. These All States blades are Left Hand Type 10.
3. **Remove Old Blade:** Using appropriate tools (typically a wrench or impact gun), carefully unfasten the bolt securing the old blade to the disc. Remove the old blade and any associated washers or spacers.
4. **Clean Mounting Area:** Clean any debris or rust from the blade mounting area on the disc.
5. **Install New Blade:** Position the new All States Disc Mower Blade (Model 189351) onto the disc, ensuring the hole aligns correctly. Reinsert the bolt and any washers/spacers.
6. **Secure Blade:** Tighten the bolt to the torque specifications provided in your M&W machine's manual. Over-tightening or under-tightening can lead to premature wear or failure.
7. **Repeat:** Repeat the process for all blades requiring replacement.
8. **Final Check:** After all blades are installed, manually rotate the discs to ensure all blades move freely and are securely fastened.



Image 2.1: A close-up view of a single All States Disc Mower Blade, highlighting its design and mounting hole.

3. OPERATING GUIDELINES

These All States Disc Mower Blades are designed for optimal performance in M&W HC5, HC6, and HC7 hay cutting machines. Proper operation of your equipment is essential for maximizing blade life and ensuring efficient cutting.

- **Pre-Operation Check:** Before each use, visually inspect all blades for secure fastening, damage, or excessive wear. Replace any damaged or severely worn blades immediately.

- **Machine Settings:** Operate your M&W hay cutting machine according to the manufacturer's recommended settings for ground speed, PTO speed, and cutting height.
- **Field Conditions:** Avoid operating in areas with excessive rocks, debris, or foreign objects that could damage the blades.
- **Even Wear:** Periodically check for even wear across all blades. Uneven wear can indicate issues with machine balance or operation.

4. MAINTENANCE

Regular maintenance of your disc mower blades is crucial for maintaining cutting efficiency, ensuring safety, and extending the lifespan of both the blades and your hay cutting machine.

- **Daily Inspection:** After each use, clean any accumulated crop residue from the blades and discs. Inspect for any signs of damage, cracks, bends, or excessive wear.
- **Blade Replacement:** Replace blades as soon as they show significant wear or damage. Worn blades reduce cutting quality and can increase fuel consumption. Always replace blades in sets or as recommended by your machine's manual to maintain balance.
- **Fastener Check:** Regularly check the tightness of all blade mounting bolts. Loose bolts can lead to blade loss or damage to the disc.
- **Storage:** When storing the machine for extended periods, ensure blades are clean and dry. The powder coating on these blades helps prevent rust, but proper storage in a dry environment further protects them.

5. TROUBLESHOOTING

If you encounter issues with your disc mower's cutting performance, consider the following troubleshooting steps related to the blades:

- **Poor Cut Quality:** If the mower is leaving ragged stubble or an uneven cut, inspect all blades for excessive wear, dullness, or damage. Replace worn blades.
- **Excessive Vibration:** Unusual vibration during operation can indicate an unbalanced disc or damaged blades. Check for bent, broken, or missing blades. Ensure all blades are securely fastened and that replacement blades are of the correct type and weight to maintain balance.
- **Blade Breakage:** Frequent blade breakage can be caused by striking foreign objects, incorrect blade type for the application, or improper installation (e.g., over-tightened bolts causing stress points). Review operating procedures and installation steps.

For issues beyond blade-related concerns, refer to your M&W hay cutting machine's comprehensive troubleshooting guide.

6. SPECIFICATIONS

Attribute	Value
Brand	All States
Model Number	189351
Compatibility	M&W Hay Cutting(s) HC5, HC6, HC7
Replaces OEM Number	3238726
Blade Type	Left Hand, Type 10
Quantity per Package	25 blades
Hole Diameter	0.79 inches (20.07 mm)
Length	3.94 inches (100.08 mm)
Thickness	0.16 inches (4.06 mm)
Width	1.77 inches (44.96 mm)
Material Feature	Powder Coated (for rust prevention)

7. WARRANTY INFORMATION

For specific warranty information regarding your All States Disc Mower Blades, please refer to the manufacturer's official website or contact their customer support directly. It is recommended to retain your purchase receipt for any potential warranty claims.

8. CUSTOMER SUPPORT

For technical assistance, product inquiries, or further support, please contact All States customer service. Always refer to your specific M&W hay cutting machine's operator's manual for comprehensive operational and safety guidelines.