

Simplicity 1657589ASM

Simplicity Replacement Blade Instruction Manual

Model: 1657589ASM

PRODUCT OVERVIEW

This manual provides essential information for the proper installation, maintenance, and safe operation of the Genuine Simplicity Replacement Blade, part number 1657589ASM. This blade is designed for use with Simplicity lawn mowers and tractors, specifically requiring two blades for 36-inch cutting decks.

It replaces several older part numbers, including 1657589SM, 1657589, 1657589A, 1653975, 1656043, and 71657589. Always verify the correct part number in your equipment's owner's manual or parts diagram before installation.



Figure 1: Genuine Simplicity Replacement Blade (Part # 1657589ASM). This image shows the black metal blade with a central circular hole and two smaller circular holes on either side, designed for mounting on lawn mower decks.

SAFETY INFORMATION

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

- **Disconnect Power:** Before performing any maintenance or blade replacement, ensure the lawn mower or tractor engine is turned off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves and eye protection when handling blades. Blades are sharp and can cause cuts.
- **Secure Equipment:** Ensure the equipment is stable and cannot move or tip over during blade replacement.
- **Inspect Blades:** Regularly inspect blades for damage, cracks, or excessive wear. Replace damaged blades immediately.
- **Proper Installation:** Install blades with the cutting edge facing the correct direction as specified in your equipment's owner's manual. Incorrect installation can lead to poor cutting performance and potential hazards.

SETUP AND INSTALLATION

Follow these steps to properly install the Simplicity Replacement Blade:

1. **Prepare the Mower:** Park the lawn mower on a flat, level surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire. For riding mowers, engage the parking brake.
2. **Access the Deck:** Carefully tilt the mower onto its side (carburetor side up to prevent fuel leakage) or raise the front of a riding mower using a jack stand or ramps to access the underside of the cutting deck. Ensure it is securely supported.
3. **Remove Old Blade:** Using a wrench, loosen the bolt holding the old blade in place. You may need a block of wood to prevent the blade from turning while loosening the bolt. Remove the old blade and any washers or spacers. Note the orientation of the old blade for correct installation of the new one.
4. **Clean Deck:** Clean any grass clippings or debris from the underside of the cutting deck, especially around the blade mounting area.
5. **Install New Blade:** Position the new Simplicity blade (part # 1657589ASM) onto the spindle, ensuring the cutting edge faces the correct direction (typically upwards towards the deck). Align the central hole and the two smaller holes with the corresponding pins or guides on the spindle.
6. **Secure Blade:** Reinstall the washer(s) and the blade bolt. Tighten the bolt securely with a torque wrench to the manufacturer's specified torque setting (refer to your mower's owner's manual for exact specifications). Ensure the blade is firmly seated and does not wobble.
7. **Repeat for Multiple Blades:** If your 36-inch deck requires two blades, repeat the process for the second blade.
8. **Final Check:** Lower the mower, reconnect the spark plug wire, and ensure all tools are cleared from the area before starting the engine.

OPERATING CONSIDERATIONS

While this manual focuses on the blade itself, proper operation of your lawn mower is crucial for blade longevity and effective cutting.

- **Sharpness:** Keep blades sharp for optimal cutting performance and to prevent tearing grass, which can lead to disease.
- **Balance:** Ensure blades are balanced after sharpening to prevent excessive vibration, which can damage the mower and reduce blade life.
- **Avoid Obstacles:** Do not mow over rocks, roots, or other hard objects that can damage or dull the blade.

MAINTENANCE

Regular maintenance of your Simplicity replacement blade will ensure its performance and extend its lifespan.

- **Cleaning:** After each use, clean grass clippings and debris from the blade and the underside of the deck. This prevents buildup that can affect cutting quality and balance.
- **Sharpening:** Sharpen the blade regularly, especially if you notice ragged cuts or excessive vibration. Use a file or grinder, maintaining the original blade angle. Ensure the blade remains balanced after sharpening.
- **Inspection:** Before each mowing season and periodically throughout, inspect the blade for signs of

wear, bending, cracks, or nicks. Replace the blade if any significant damage is observed.

- **Storage:** If storing the mower for an extended period, clean and lightly oil the blade to prevent rust.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Ragged or Uneven Cut	Dull blade; Bent blade; Incorrect blade installation; Unbalanced blade.	Sharpen or replace blade; Inspect and replace bent blade; Reinstall blade correctly; Balance blade.
Excessive Vibration	Unbalanced blade; Bent blade; Loose blade bolt.	Balance blade; Replace bent blade; Tighten blade bolt to specified torque.
Blade Not Spinning Freely	Debris buildup; Bent spindle; Incorrect blade.	Clean deck and blade area; Inspect spindle for damage; Ensure correct blade (1657589ASM) is installed.

SPECIFICATIONS

- **Part Number:** 1657589ASM
- **Replaces:** 1657589SM, 1657589, 1657589A, 1653975, 1656043, 71657589
- **Application:** Simplicity Lawn Mowers & Tractors with 36-inch cutting decks (requires 2 blades)
- **Dimensions (Approximate):** 18.5 inches (length) x 2 inches (width) x 1 inch (thickness)
- **Weight (Approximate):** 1.8 pounds

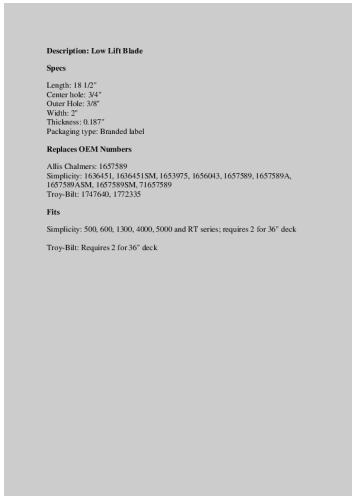
WARRANTY AND SUPPORT

For warranty information or technical support regarding your Genuine Simplicity Replacement Blade (Part # 1657589ASM), please refer to your original equipment's owner's manual or contact Simplicity customer service directly. Always provide the part number when seeking support.

It is recommended to purchase genuine Simplicity parts to ensure compatibility and maintain product warranty.

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This manual is for informational purposes only. Always consult your equipment's specific owner's manual for detailed instructions and safety precautions.



[\[pdf\]](#) Specifications Catalog Label

Malavika New 345 108 Low Lift Blade for Simplicity 500 600 1300 4000 5000 and RT Series Requires 2

36 in Deck 1657589SM Replacement Part List STENS 023899037834 0023899037834 1005640448

5a1e1ac6 b10c 42f1 9400 2966f8e06d8a images thdstatic catalog Images 5a |||

Description: Low Lift Blade Specs Length: 18 1/2 Center hole: 3/4 Outer Hole: 3/8

Width: 2 Thickness: 0.187 Packaging type: Branded label Replaces OEM Numbers

Allis Chalmers: 1657589 Simplicity: 1636451, 1636451SM, 1653975, 1656043,

1657589, 1657589A, **1657589ASM**, 1657589SM, 71657589 Troy-Bilt: ...

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