

SureFit 789-00542

SureFit 27-inch Scraper Blade Instruction Manual

For Ariens Snowblowers (Replaces OEM 00660659)

Model: 789-00542

1. INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your new SureFit 27-inch Scraper Blade. This blade is designed as a direct replacement for Ariens OEM Part Number 00660659, ensuring optimal performance for your snowblower.

Product Part Number: SureFit 789-00542

Replaces OEM Part Number: Ariens 00660659

Compatibility

This scraper blade is compatible with various Ariens snowblower models, including but not limited to:

- ST27LE
- Deluxe 24, Deluxe 24 Track
- Deluxe 27, Deluxe 27 Track
- Deluxe 30, Deluxe 30 Track
- Deluxe Platinum 24, Deluxe Platinum 30
- ST1027LE, ST1027LET
- ST1130DLE, ST1130LET
- ST824E, ST824LET
- ST924DLE, ST924LET
- ST927LE, ST927LET

Always refer to your original equipment owner's manual to verify compatibility before installation.

2. SAFETY INFORMATION

Before attempting any installation or maintenance on your snowblower, always prioritize safety. Failure to follow these guidelines may result in serious injury or damage to equipment.

- **Disconnect Spark Plug:** Always disconnect the spark plug wire before working on the snowblower to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and eye protection.
- **Stable Surface:** Ensure the snowblower is on a flat, stable surface and cannot roll or tip during maintenance.
- **Allow Engine to Cool:** If the snowblower has been recently operated, allow the engine and all components to cool down completely.
- **Consult Original Manual:** Refer to your snowblower's original owner's manual for specific safety procedures and instructions related to your model.

3. INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing the scraper blade. Specific procedures may vary slightly depending on your snowblower model. Always consult your snowblower's original service manual for detailed instructions.

1. **Prepare Snowblower:** Ensure the snowblower is turned off, the spark plug wire is disconnected, and the engine is cool. Position the snowblower on a stable, level surface.
2. **Locate Scraper Blade:** The scraper blade is typically located at the bottom edge of the snowblower's auger housing, directly contacting the ground.
3. **Remove Old Blade:** Identify the bolts or fasteners securing the old scraper blade. Using appropriate wrenches or sockets, carefully loosen and remove these fasteners. Keep track of all hardware.
4. **Inspect Area:** Once the old blade is removed, inspect the mounting area for any damage, rust, or debris. Clean the area thoroughly if necessary.
5. **Position New Blade:** Align the new SureFit scraper blade with the mounting holes on the auger housing. Ensure it is oriented correctly.
6. **Secure New Blade:** Insert the original (or new, if recommended) bolts and fasteners through the blade and housing. Hand-tighten all fasteners first.
7. **Tighten Fasteners:** Once all fasteners are in place, progressively tighten them evenly to the manufacturer's specifications (refer to your snowblower manual for torque settings). Do not overtighten.
8. **Final Check:** Verify that the new scraper blade is securely attached and properly aligned. Reconnect the spark plug wire.

Note: No product-specific images for the scraper blade were available for inclusion in this manual. Please refer to your snowblower's original manual for visual aids.

4. MAINTENANCE

Regular maintenance of your scraper blade will ensure efficient snow removal and extend the life of the part.

- **Inspect Regularly:** Before each use, visually inspect the scraper blade for signs of wear, damage, or looseness.
- **Clean After Use:** After each use, clear any snow, ice, or debris from the scraper blade and auger housing. This prevents buildup and potential corrosion.
- **Check Fasteners:** Periodically check the tightness of the mounting bolts. Vibrations during operation can cause them to loosen over time.
- **Replace When Worn:** A worn scraper blade will not effectively clear snow and can damage the auger housing

or the surface being cleared. Replace the blade when it shows significant wear, typically when it's no longer making good contact with the ground or is visibly thin.

5. TROUBLESHOOTING

If you encounter issues with your scraper blade, consider the following common problems and solutions:

- **Uneven Snow Clearing:**
 - **Cause:** Blade is worn unevenly or not properly aligned.
 - **Solution:** Inspect the blade for wear. If significantly worn on one side, replace it. Check mounting bolts for tightness and ensure the blade is installed straight.
- **Blade Not Contacting Ground:**
 - **Cause:** Blade is excessively worn or skid shoes are set too low.
 - **Solution:** Replace the scraper blade if it is worn beyond its effective life. Adjust the skid shoes on your snowblower according to your snowblower's manual to allow the blade to make proper contact.
- **Excessive Vibration/Noise:**
 - **Cause:** Loose mounting bolts or damaged blade.
 - **Solution:** Check all mounting bolts and tighten them securely. Inspect the blade for any cracks or bends and replace if damaged.

6. SPECIFICATIONS

Product Name	SureFit 27-inch Scraper Blade
SureFit Model Number	789-00542
Replaces OEM Part Number	Ariens 00660659
Manufacturer	SureFit
Product Dimensions	28 x 5 x 5 inches
Item Weight	3 pounds
ASIN	B0BVJXPR9W

7. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your SureFit scraper blade, please contact SureFit customer service directly. Details can typically be found on the product packaging or the official SureFit website.

When contacting support, please have your product model number (789-00542) and purchase information readily

available.