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Huarntwo 784-5580

Huarntwo 784-5580 Snow Blower Slide Shoe Skid Instruction Manual

Model: 784-5580

1. Product Overview

The Huarntwo 784-5580 Snow Blower Slide Shoe Skid set is a replacement part designed for most two-stage snow throwers manufactured by MTD, Yardman, and Cub Cadet, specifically models from 1992 and after. These skid shoes are essential components that allow the snow blower to glide smoothly over surfaces, preventing the auger housing from scraping the ground and protecting it from damage. They are constructed from durable, black powder-painted material for rust resistance and longevity.

This set directly replaces several part numbers, including 784-5580-0483, 784-5580-0638, 784-5580-0662, 784-5580-0729, 784-5580-4043, 784-5580-4044, 784-5580-0637, 784-5580-0691, 784-5580-0689, 784-5580-0721, and 784-5580-0665.



Image 1.1: The Huarntwo 784-5580 Snow Blower Slide Shoe Skids, shown with accompanying installation hardware. These black, powder-coated skids are designed for durability and easy replacement on compatible snow blowers.

2. Important Safety Information

Always prioritize safety when working with snow blowers and their components. Failure to follow safety instructions can result in serious injury or property damage.

- **Wear Protective Gear:** Always wear appropriate safety gear, including gloves and eye protection, when operating or maintaining snow blowers.
- **Disconnect Power:** Before performing any maintenance, installation, or cleaning, ensure the snow blower is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.
- **Moving Parts:** Keep hands and other body parts away from moving parts, especially the auger and impeller.
- **Stable Surface:** Perform all work on a stable, level surface.
- **Read Snow Blower Manual:** Refer to your snow blower's original instruction manual for specific safety precautions and procedures related to your model.

3. Setup and Installation

This section outlines the general steps for replacing your snow blower's skid shoes. Always refer to your snow blower's specific service manual for detailed instructions and torque specifications.

Required Tools:

- Wrench set (typically 1/2 inch or 13mm for common hardware)
- Socket set (optional, for easier access)
- Safety gloves and eye protection

Installation Steps:

1. **Prepare the Snow Blower:** Ensure the snow blower is turned off, the engine is cool, and the spark plug wire is disconnected. Position the snow blower on a stable, level surface. You may need to tilt the snow blower back slightly to access the skid shoes.
2. **Locate Existing Skid Shoes:** Identify the current skid shoes, typically located on the lower sides of the auger housing.
3. **Remove Old Skid Shoes:** Using appropriate wrenches, loosen and remove the nuts, washers, and bolts securing the old skid shoes. Carefully remove the worn skid shoes.
4. **Clean Mounting Area:** Clean any debris, rust, or ice from the mounting area on the auger housing.
5. **Position New Skid Shoes:** Place the new Huarntwo 784-5580 skid shoes into position, aligning the slots with the mounting holes on the auger housing.
6. **Secure with Hardware:** Insert the new bolts through the skid shoes and auger housing. Place washers and nuts onto the bolts and hand-tighten them.
7. **Adjust Height:** The skid shoes are adjustable to control the clearance between the auger housing and the ground. For most general snow removal on paved surfaces, adjust the skid shoes to allow a small gap (e.g., 1/8 to 1/4 inch) between the auger housing and the ground. For gravel or uneven surfaces, a larger gap may be desired to prevent picking up debris. Ensure both skid shoes are adjusted to the same height.
8. **Tighten Hardware:** Once the desired height is set, securely tighten all nuts and bolts. Do not overtighten, but ensure they are firm to prevent loosening during operation.
9. **Reconnect Spark Plug:** Reconnect the spark plug wire.



Image 3.1: The complete Huarntwo 784-5580 skid shoe set, including two skid shoes, four bolts, four washers, and four nuts, ready for installation.



Image 3.2: A detailed view of the robust bolts, washers, and nuts provided for securing the skid shoes, ensuring a firm and reliable attachment.

4. Operating with Skid Shoes

Once properly installed and adjusted, the skid shoes play a critical role in the effective and safe operation of your snow blower.

- **Smooth Movement:** The skid shoes allow the snow blower to glide smoothly over various surfaces, reducing friction and making it easier to maneuver.
- **Auger Protection:** By maintaining a consistent clearance between the auger housing and the ground, the skid shoes prevent the auger from scraping against hard surfaces, which can cause damage to the auger, housing, or the surface itself.
- **Surface Protection:** Proper adjustment of the skid shoes helps protect delicate surfaces like paved driveways from scratches or damage caused by the auger housing. For gravel driveways, adjusting the

skids higher prevents the snow blower from picking up and throwing gravel.



Image 4.1: A snow blower in operation, demonstrating how the skid shoes elevate the auger housing to clear snow effectively while protecting the machine and the ground surface.

5. Maintenance

Regular inspection and maintenance of your skid shoes will extend their lifespan and ensure optimal snow blower performance.

- **Inspect for Wear:** Before each snow season and periodically during use, inspect the skid shoes for signs of wear, such as thinning, cracks, or excessive abrasion. Worn skid shoes can lead to the auger housing scraping the ground.
- **Check Hardware:** Ensure all bolts, washers, and nuts securing the skid shoes are tight. Loose hardware can cause the skid shoes to shift or fall off during operation.
- **Clean After Use:** After each use, clean any snow, ice, or debris from the skid shoes and their mounting area. This prevents corrosion and ensures proper function.
- **Replace When Worn:** Replace skid shoes when they show significant wear. Continuing to use excessively

worn skid shoes can lead to damage to your snow blower's auger housing or the surface you are clearing.

6. Troubleshooting

This section addresses common issues related to snow blower skid shoes.

- **Issue: Auger Housing Scraping Ground:**
  Possible Cause: Skid shoes are worn down or adjusted too low.
  Solution: Inspect skid shoes for wear and replace if necessary. Adjust skid shoes to a higher setting.
- **Issue: Snow Blower Difficult to Push/Maneuver:**
  Possible Cause: Skid shoes are adjusted too low, creating excessive friction, or are damaged.
  Solution: Adjust skid shoes to a slightly higher setting. Check for damage and replace if needed.
- **Issue: Uneven Wear on Skid Shoes:**
  Possible Cause: Skid shoes are not adjusted to the same height, or the snow blower is consistently used on an uneven surface.
  Solution: Ensure both skid shoes are adjusted to the same height. If operating on uneven terrain, consider adjusting both skids slightly higher.
- **Issue: Skid Shoes Loosening During Operation:**
  Possible Cause: Hardware (bolts, nuts) not tightened sufficiently.
  Solution: Re-tighten all mounting hardware securely. Consider using thread-locking compound if the issue persists (consult your snow blower's manual first).

7. Specifications

Part Number	784-5580
Brand	Huarntwo
Compatibility	Most MTD 2-stage snow throwers (1992 and after), including Yardman and Cub Cadet models.
Replaces Part Numbers	784-5580-0483, 784-5580-0638, 784-5580-0662, 784-5580-0729, 784-5580-4043, 784-5580-4044, 784-5580-0637, 784-5580-0691, 784-5580-0689, 784-5580-0721, 784-5580-0665
Skid Shoe Width	3 inches
Skid Shoe Length	4 3/4 inches
Center-to-Center Bolt Spacing	2 3/4 inches
Material	Black powder-painted steel
Item Weight (per set)	Approximately 1.17 pounds



Image 7.1: Detailed dimensions of the Huarntwo 784-5580 skid shoe, illustrating its width, length, and bolt hole spacing for accurate fitment.

8. Warranty and Support

For specific warranty information regarding your Huarntwo 784-5580 Snow Blower Slide Shoe Skids, please refer to the product packaging or contact the manufacturer directly. If you encounter any issues or have questions about the product, please reach out to Huarntwo customer support through their official channels or the retailer from whom the product was purchased.

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