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Briggs & Stratton 1727873ASM

Briggs & Stratton 1727873ASM Spindler & Arm Assembly (LH) Instruction Manual

Model: 1727873ASM

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1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Briggs & Stratton 1727873ASM Left-Hand Spindler & Arm Assembly. This component is an Original Equipment Manufacturer (OEM) authorized replacement part designed to fit various Briggs & Stratton models, ensuring compatibility and optimal performance for your lawn and garden equipment.

The spindler and arm assembly is a critical part of the steering or deck lift mechanism on compatible equipment, facilitating precise control and movement. Refer to your equipment's specific service manual for detailed diagrams and procedures related to this component.

2. Safety Information

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety instructions can result in serious injury or equipment damage.

- **Read all instructions:** Before beginning any work, thoroughly read and understand this manual and your equipment's owner's manual.
- **Wear appropriate safety gear:** Always wear safety glasses, gloves, and other personal protective equipment (PPE) as required.
- **Disconnect power:** Ensure the equipment is turned off, the engine is cool, and spark plug wires are disconnected (for gasoline engines) or the battery is removed (for electric models) before performing any service or installation.
- **Secure the equipment:** Use appropriate jacks or stands to safely support the equipment if it needs to be raised.
- **Use correct tools:** Employ the right tools for each task to prevent damage to the part or injury to yourself.
- **Keep children and bystanders away:** Ensure no one is in the work area during installation or maintenance.
- **Dispose of old parts properly:** Follow local regulations for disposing of old mechanical components.

3. Installation

This section outlines the general steps for replacing the Spindler & Arm Assembly. Specific procedures may vary depending on your equipment model. Always consult your equipment's service manual for detailed instructions and torque specifications.

3.1 Tools Required (Typical)

- Socket wrench set
- Open-end wrench set
- Pliers
- Grease gun (for lubrication)
- Safety glasses and gloves

3.2 Removal of Old Assembly

1. Park the equipment on a flat, stable surface and engage the parking brake.
2. Ensure the engine is off and cool. Disconnect the spark plug wire(s) or remove the battery.
3. If necessary, raise and secure the front of the equipment to access the steering or deck components.
4. Locate the existing left-hand spindler and arm assembly.
5. Carefully disconnect any linkages, bolts, or fasteners attaching the assembly to the equipment frame or steering components. Note the orientation and connection points for reassembly.
6. Remove the old spindler and arm assembly. Inspect surrounding components for wear or damage.

3.3 Installing the New Assembly



Figure 1: Briggs & Stratton 1727873ASM Left-Hand Spindler & Arm Assembly. This image shows the black metal assembly with a bent arm and a cylindrical spindler shaft, designed for left-hand installation. The ruler markings indicate its approximate dimensions.

1. Position the new Briggs & Stratton 1727873ASM Spindler & Arm Assembly in the correct left-hand orientation.
2. Align the mounting holes and attach the assembly using the appropriate bolts and fasteners. Ensure all connections are secure.
3. Reconnect any linkages or steering components that were detached during removal.
4. Tighten all fasteners to the torque specifications provided in your equipment's service manual. Overtightening or undertightening can lead to component failure.
5. Apply grease to any moving pivot points or bushings as recommended by your equipment's manufacturer.
6. Lower the equipment if it was raised.
7. Reconnect the spark plug wire(s) or reinstall the battery.
8. Test the steering or deck lift function to ensure proper operation and alignment before using the equipment.

4. Operation

The 1727873ASM Spindler & Arm Assembly functions as a critical pivot point and connection for the steering or deck height adjustment system of your lawn and garden equipment. Once correctly installed, it enables the smooth and controlled movement of the associated components.

- **Steering Function:** If part of the steering mechanism, it translates steering wheel input into wheel direction changes.
- **Deck Lift Function:** If part of the deck lift system, it allows for raising and lowering the mower deck to adjust cutting height.

Ensure that the assembly moves freely without binding or excessive play after installation. Any stiffness or looseness may indicate incorrect installation or other issues requiring attention.

5. Maintenance

Regular maintenance of the Spindler & Arm Assembly ensures its longevity and reliable performance. Refer to your equipment's owner's manual for specific maintenance schedules.

- **Lubrication:** Periodically apply appropriate grease to any grease fittings or pivot points on the assembly. This reduces friction and prevents wear.
- **Inspection:** Regularly inspect the assembly for signs of wear, damage, or corrosion. Check for loose bolts, bent components, or excessive play in the joints.
- **Cleaning:** Keep the area around the assembly clean from debris, grass clippings, and dirt, which can impede movement or cause premature wear.
- **Fastener Check:** Ensure all bolts and nuts securing the assembly are tight and secure. Retighten to manufacturer specifications if necessary.

6. Troubleshooting

If you experience issues after installing the 1727873ASM Spindler & Arm Assembly, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Stiff or binding movement	Lack of lubrication, bent component, incorrect installation, debris.	Apply grease. Inspect for bent parts and replace if necessary. Recheck installation steps. Clean area.
Excessive play or looseness	Loose fasteners, worn bushings/bearings (if applicable), worn assembly.	Tighten all fasteners to specifications. Inspect bushings/bearings and replace if worn. If assembly is worn, replacement may be needed.
Steering or deck not responding correctly	Incorrect linkage connection, damaged associated components, improper installation.	Verify all linkages are correctly attached. Inspect other steering/deck components. Review installation steps.

If troubleshooting steps do not resolve the issue, contact a certified service technician or Briggs & Stratton customer support.

7. Specifications

Key specifications for the Briggs & Stratton 1727873ASM Spindler & Arm Assembly:

- **Part Number:** 1727873ASM

- **Type:** OEM Authorized Replacement Part
- **Application:** Left-Hand Spindler & Arm Assembly for various Briggs & Stratton models
- **Product Dimensions:** 10 x 8 x 6 inches (approximate packaging/shipping dimensions)
- **Item Weight:** 1 pound
- **Manufacturer:** Briggs and Stratton
- **Country of Manufacture:** United States

8. Warranty & Support

8.1 Warranty Information

As an Original Equipment Manufacturer (OEM) authorized part, the Briggs & Stratton 1727873ASM Spindler & Arm Assembly is covered by Briggs & Stratton's standard warranty policy for genuine replacement parts. Warranty terms typically cover defects in material and workmanship under normal use. For specific warranty details, including duration and coverage, please refer to the warranty statement provided with your original equipment or visit the official Briggs & Stratton website.
Note: Improper installation, misuse, or unauthorized modifications may void the warranty.

8.2 Customer Support

For technical assistance, parts inquiries, or warranty claims, please contact Briggs & Stratton customer support:

- **Website:** Visit the official Briggs & Stratton website for support resources, FAQs, and contact information.
- **Authorized Service Dealers:** Locate an authorized Briggs & Stratton service dealer near you for professional assistance.
- **Phone Support:** Refer to your equipment's owner's manual or the Briggs & Stratton website for current customer service phone numbers.

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