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Stens 3013-1490

Stens 3013-1490 Lift Arm Bushing Instruction Manual

INTRODUCTION

This instruction manual provides essential information for the proper installation, function, and maintenance of the Stens 3013-1490 Lift Arm Bushing. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and effective use of the product. This bushing is designed as a quality aftermarket replacement part for various outdoor power equipment and agricultural machinery.

PRODUCT OVERVIEW

The Stens 3013-1490 Lift Arm Bushing is a critical component manufactured by Atlantic Quality Parts, known for providing reliable aftermarket replacement parts. This bushing is engineered to meet or exceed OEM standards, ensuring durability and optimal performance in demanding applications.



Image showing the Stens 3013-1490 Lift Arm Bushing, a critical component for agricultural and outdoor power equipment. This bushing facilitates smooth movement and reduces wear in lift arm assemblies.

### Key Features:

- Quality aftermarket replacement and original parts and accessories.
- Parts that match or exceed OEM standards.
- Reliable and durable with OEM or higher quality construction.

### SETUP AND INSTALLATION

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Proper installation is crucial for the longevity and performance of the lift arm bushing. Always refer to your equipment's specific service manual for detailed instructions. The following are general guidelines:

1. **Safety First:** Ensure the equipment is turned off, disengaged, and properly supported to prevent accidental movement. Use appropriate personal protective equipment (PPE) such as gloves and eye protection.
2. **Access the Lift Arm Assembly:** Locate the lift arm assembly where the bushing needs to be replaced. This may

require removing other components to gain clear access.

3. **Remove Old Bushing:** Carefully remove the worn or damaged bushing. This might involve using a press, specialized tools, or a hammer and punch, depending on the design. Be cautious not to damage the surrounding components.
4. **Clean the Bore:** Thoroughly clean the bore where the new bushing will be installed. Remove any rust, debris, or old lubricant to ensure a smooth fit.
5. **Install New Bushing:** Press the new Stens 3013-1490 bushing into place. Ensure it is seated correctly and flush with the surface. Avoid using excessive force that could deform the bushing. Some bushings may require lubrication before installation.
6. **Reassemble:** Reassemble any components that were removed to access the lift arm. Ensure all fasteners are tightened to the manufacturer's specifications.
7. **Test Functionality:** After installation, carefully test the lift arm's movement to ensure it operates smoothly and without binding.

If you are unsure about any step, consult a qualified technician or your equipment's service manual.

## OPERATING PRINCIPLES

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The Stens 3013-1490 Lift Arm Bushing functions as a bearing surface within the lift arm assembly. Its primary role is to reduce friction and wear between moving parts, allowing for smooth articulation of the lift arm. By providing a durable, low-friction interface, the bushing helps maintain precise control and extends the lifespan of the associated components. This is a passive component that facilitates the operation of the larger lift arm system.

## MAINTENANCE

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Regular inspection and maintenance can prolong the life of your Stens 3013-1490 Lift Arm Bushing and the entire lift arm assembly.

- **Visual Inspection:** Periodically inspect the bushing for signs of wear, cracking, or deformation. Look for excessive play in the lift arm movement, which could indicate a worn bushing.
- **Cleaning:** Keep the area around the bushing clean and free of dirt, debris, and corrosive materials.
- **Lubrication:** If your equipment's service manual specifies lubrication for the lift arm pivot points, ensure that the bushing area receives appropriate lubrication according to the recommended schedule and lubricant type. Not all bushings require lubrication.
- **Replacement:** Replace the bushing immediately if significant wear, damage, or excessive play is observed to prevent further damage to other components.

## TROUBLESHOOTING

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As a mechanical wear component, troubleshooting for a lift arm bushing primarily involves identifying signs of failure and replacing the part.

- **Excessive Play/Looseness:** If the lift arm exhibits noticeable wobble or excessive movement beyond its normal range, the bushing is likely worn out.
- **Squeaking or Grinding Noises:** Unusual noises during lift arm movement can indicate a dry, worn, or damaged bushing.
- **Stiff or Restricted Movement:** While less common for bushings, if the lift arm becomes difficult to move, inspect the bushing for binding or damage.

**Solution:** In most cases, the solution for a faulty bushing is replacement. Refer to the "Setup and Installation" section for

replacement guidelines.

## SPECIFICATIONS

The following specifications apply to the Stens 3013-1490 Lift Arm Bushing:

| Attribute            | Value                  |
|----------------------|------------------------|
| Product Model Number | 3013-1490              |
| Manufacturer         | Atlantic Quality Parts |
| Product Dimensions   | 15 x 15 x 9 inches     |
| Item Weight          | 8 pounds               |
| ASIN                 | B07G7H9LNW             |

## WARRANTY AND SUPPORT

For specific warranty information regarding the Stens 3013-1490 Lift Arm Bushing, please refer to the official Stens website or contact their customer support directly. As an aftermarket part, warranty terms may vary. Keep your purchase receipt for any warranty claims.

For technical assistance or further inquiries, please contact the manufacturer, Atlantic Quality Parts, or your authorized Stens dealer.

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