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› Stens Bearing 230-160 User Manual

Stens 230-160

Stens Bearing 230-160 User Manual

Model: 230-160 | Brand: Stens

PRODUCT OVERVIEW



Image: Stens Bearing 230-160. This is a replacement ball bearing with metal seals, designed for various outdoor power equipment applications.

The Stens Bearing 230-160 is a high-quality replacement ball bearing designed for a wide range of outdoor power equipment, including lawn mowers and snowblowers. This bearing is manufactured by an OEM supplier and features durable metal seals for extended life and performance.

Key features include:

- **ID:** 0.75 inches
- **OD:** 1.78 inches
- **Height:** 0.61 inches
- Constructed with durable metal for longevity.
- Designed for various applications, replacing multiple OEM numbers.

COMPATIBILITY

This bearing is compatible with a variety of equipment models and replaces numerous OEM part numbers. Always verify part fitment before purchasing and installing.

Replaces OEM Numbers:

Ref No: P204RR6A4362, DG1945B2RKACS41

John Deere: JD9296, JD9239

Cub Cadet: IH-470880-R91, 470880-R91, 465003-R91

CaseIH: C28971

Toro: 93-2559, 31-0530, 251-351, 109842, 106947

Honda: 91102-VA4-003

Snapper: 7013313SM, 7013313, 793795, 516090, 1-0696

Simplicity: 7013313, 2108202SM, 2108202, 108202SM, 108202

Dixon: 6011, 539125515

Steiner: 55-29504AB

Allis Chalmers: 536986

Walker: 5265

Gravely: 35925, 5407000, 5406900, 11641

Murray: 35384

Yazoo: 204-060

Woods: 16106, 5412000

Troy-Bilt: 1185828, 1185574P, 1185574

Trail Mate: 11109

Ariens: 5412000, 5407300

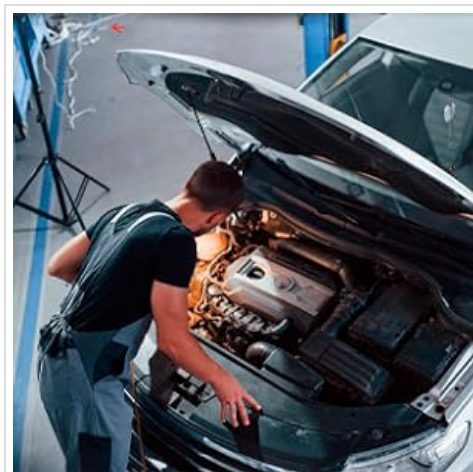
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Fits Specific Models:

- **Snapper:** 30" two-stage large frame snowblowers and rear engine riders
- **Troy-Bilt:** 14000, 30042SR, 14001, 51048SR and 14002
- **Yazoo:** YR60 and YR76

SETUP AND INSTALLATION

Installing a bearing requires specific tools and knowledge. If you are not experienced with mechanical repairs, it is highly recommended to seek assistance from a qualified technician or refer to your equipment's specific service manual.



General Installation Steps (Consult Equipment Manual for Specifics):

1. **Safety First:** Ensure the equipment is turned off, disconnected from power (if electric), and any moving parts are secured. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection.
2. **Access the Bearing:** Locate the bearing assembly within your equipment. This may involve removing covers, pulleys, or other components.
3. **Remove Old Bearing:** Carefully remove the worn or damaged bearing. This often requires a bearing puller or press. Avoid damaging surrounding components.
4. **Clean Area:** Thoroughly clean the housing and shaft where the new bearing will be installed. Remove any debris, rust, or old lubricant.
5. **Install New Bearing:** Gently press the new Stens bearing into place. Ensure it is seated squarely and fully. Do not use excessive force or hammer directly on the bearing races, as this can damage the bearing. A bearing press or a socket of appropriate size can be used to apply even pressure to the outer race.
6. **Lubrication:** While this bearing comes with metal seals and is pre-lubricated, ensure any associated components requiring grease are properly lubricated as per your equipment's manual.
7. **Reassemble:** Reassemble all components in reverse order of removal. Ensure all fasteners are tightened to the manufacturer's specifications.
8. **Test:** After installation, carefully test the equipment to ensure the bearing functions correctly and there are no unusual noises or vibrations.

FUNCTION AND USAGE CONTEXT

The Stens Bearing 230-160 is a critical component in various rotating assemblies within outdoor power equipment. Its primary function is to reduce friction between moving parts, allowing for smooth and efficient operation of shafts, axles, and other rotating components.

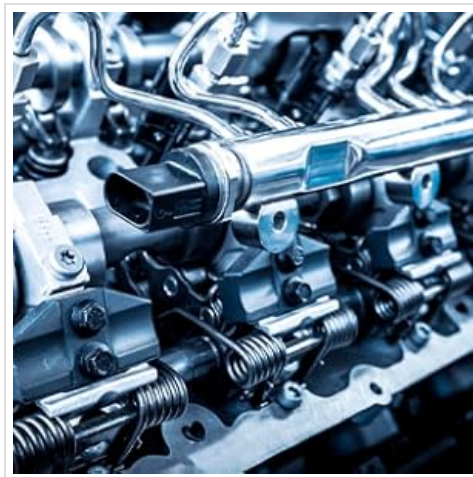


Image: A close-up view of engine components, illustrating the complex mechanical systems where bearings are essential.

In applications such as lawn mowers and snowblowers, this bearing supports rotating shafts in deck spindles, wheels, or transmission systems. Proper functioning of the bearing ensures minimal wear on other components, reduces power loss due to friction, and contributes to the overall longevity and performance of the equipment.

MAINTENANCE

While the Stens Bearing 230-160 features metal seals designed to retain lubrication and protect against contaminants, regular inspection of the bearing and surrounding components is recommended as part of your equipment's overall maintenance schedule.

- **Visual Inspection:** Periodically inspect the bearing for signs of wear, damage, or excessive play. Look for rust, cracks, or deformation of the seals.
- **Cleanliness:** Keep the area around the bearing clean and free of dirt, grass clippings, and other debris that could potentially compromise the seals.
- **Lubrication:** This bearing is pre-lubricated and sealed. Do not attempt to re-lubricate sealed bearings unless specifically instructed by your equipment's manufacturer, as this can introduce contaminants or damage the seals.
- **Check for Play:** If the bearing is accessible, gently try to move the shaft or component it supports. Excessive play or wobbling indicates a worn bearing that needs replacement.

TROUBLESHOOTING

A failing bearing can lead to various issues in your equipment. Identifying these signs early can prevent further damage to other components.

Common Symptoms of a Worn Bearing:

- **Unusual Noises:** Grinding, squealing, humming, or rattling sounds coming from the area of the bearing. These noises often worsen under load or at higher speeds.
- **Excessive Vibration:** Increased vibration in the equipment, which can be felt through the handles or chassis.
- **Heat Buildup:** The bearing housing or surrounding area may feel unusually hot to the touch, indicating excessive friction.
- **Play or Looseness:** If the component supported by the bearing (e.g., a wheel or spindle) has excessive side-to-side or up-and-down movement.
- **Reduced Performance:** The equipment may struggle to operate efficiently, or moving parts may feel stiff or bind.

If you observe any of these symptoms, it is advisable to inspect the bearing and replace it if necessary to prevent more significant damage to your equipment.

SPECIFICATIONS

Detailed specifications for the Stens Bearing 230-160:

Attribute	Value
Brand	Stens
Model Number	230-160
Material	Metal
Bearing Type	Ball Bearing
Inside Diameter (ID)	0.75 inches
Outside Diameter (OD)	1.78 inches
Height	0.61 inches
Item Dimensions L x W x H	7.25 x 4 x 0.75 inches
Item Weight	0.25 Pounds (4 ounces)
Compatible Lubricant	Grease

UPC	023899315147
Manufacturer	Stens
Country of Origin	China

SUPPORT AND ADDITIONAL INFORMATION

For further assistance, product inquiries, or to explore other high-quality replacement parts, please visit the official Stens store or contact their customer support.

[Visit the Stens Store on Amazon](#)



Image: Stens - The Parts Company banner. Stens provides a wide range of replacement parts for outdoor power equipment.