

Can-Am V234303XGR01

Can-Am Main Shaft V234303XGR01 Instruction Manual

For Can-Am DS 70 and DS 90 ATVs (2008-2022)

1. PRODUCT OVERVIEW

This document provides essential information for the Can-Am Main Shaft, part number V234303XGR01. This component is an Original Equipment Manufacturer (OEM) part designed for specific Can-Am ATV models. It is a critical part of the vehicle's drive train system, responsible for transmitting power.

The main shaft is manufactured to BRP's specifications, ensuring proper fit and function within compatible vehicles.

2. PRODUCT IDENTIFICATION

- **OEM Part Number:** V234303XGR01
- **Replaces Part Numbers:** V234303XGR00, V234303XGR000, V64313DGF000
- **Manufacturer:** BRP (Bombardier Recreational Products)
- **Brand:** Can-Am

3. COMPATIBILITY

The Can-Am Main Shaft V234303XGR01 is compatible with the following Can-Am ATV models and years:

- **DS 70:** 2008-2022 models
- **DS 90 X:** 2008-2022 models
- **DS 90:** 2008-2022 models

Always verify the part number against your vehicle's service manual or existing part to ensure correct fitment before installation.

4. PACKAGE CONTENTS

Upon opening the package, you should find the following item:

- 1x Can-Am Main Shaft (Part Number: V234303XGR01)

Inspect the shaft for any signs of damage during shipping before proceeding with installation.

5. INSTALLATION

Installation of drive train components like the main shaft requires specialized tools, technical knowledge, and adherence to specific torque specifications. Improper installation can lead to vehicle damage, component failure, or personal injury. It is highly recommended that installation be performed by a certified technician or an experienced mechanic.

5.1. Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on a level surface using appropriate jacks and jack stands.
- Disconnect the battery before beginning any work to prevent accidental starting or electrical shorts.
- Refer to your specific Can-Am ATV service manual for detailed, model-specific instructions and torque values.

5.2. General Installation Steps (Consult Service Manual for Details)

1. **Preparation:** Safely lift and secure the ATV. Drain any necessary fluids (e.g., transmission fluid) if required for access.
2. **Removal of Old Component:** Carefully remove any covers, housings, or other components obstructing access to the main shaft. Disconnect and remove the old main shaft, noting the orientation and any associated parts (bearings, seals, shims).
3. **Inspection:** Inspect surrounding components (bearings, seals, gears, housing) for wear or damage. Replace any worn parts as necessary. Clean mating surfaces thoroughly.
4. **Installation of New Shaft:** Apply appropriate lubricants to seals and bearing surfaces as specified in the service manual. Carefully install the new Can-Am Main Shaft V234303XGR01, ensuring proper alignment and seating.
5. **Reassembly:** Reinstall all removed components, tightening fasteners to the manufacturer's specified torque values. Replace any gaskets or seals as needed.
6. **Fluid Refill and Testing:** Refill any drained fluids to the correct levels. Start the engine and perform a functional check in a safe environment to ensure proper operation and no leaks.

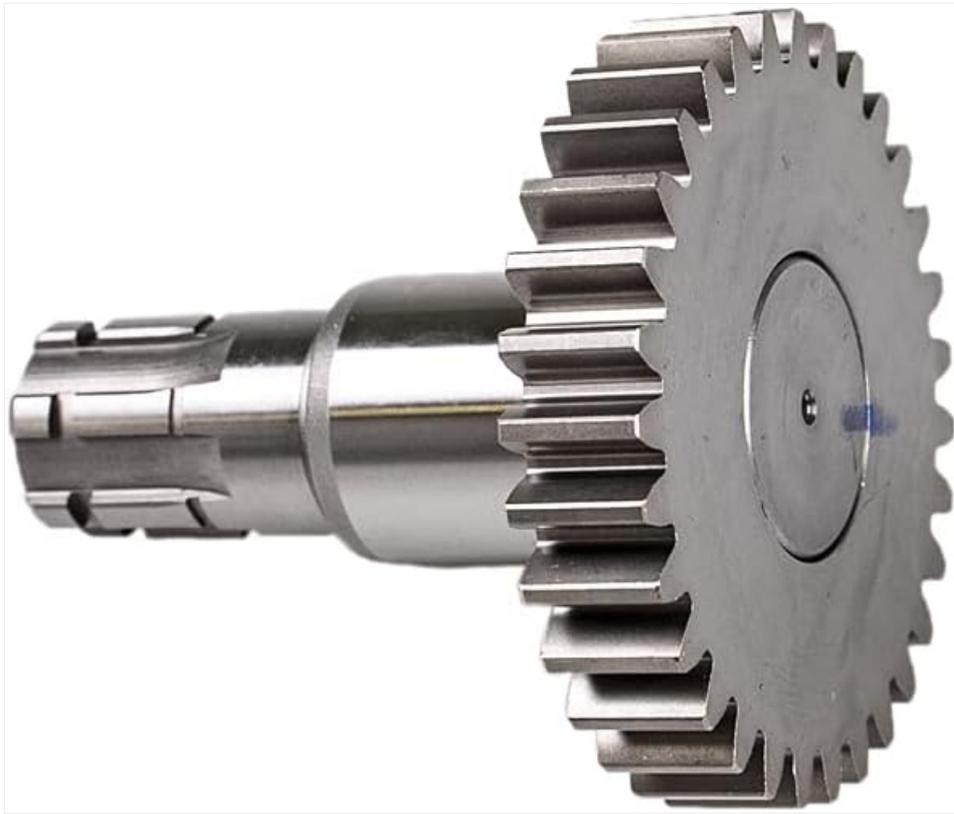


Figure 1: Side view of the Can-Am Main Shaft V234303XGR01, showing the gear and splined end. This image illustrates the general appearance of the main shaft component.



Figure 2: Top view of the Can-Am Main Shaft V234303XGR01, highlighting the splined section and gear teeth. This image provides another perspective of the shaft's design.

6. MAINTENANCE

Once installed, the main shaft itself typically requires minimal direct maintenance. However, its longevity and performance are heavily dependent on the proper maintenance of surrounding components and fluids.

- **Fluid Levels:** Regularly check and maintain transmission and differential fluid levels according to your ATV's service schedule. Use only fluids specified by Can-Am.
- **Seals and Gaskets:** Periodically inspect seals and gaskets around the drive train for leaks or signs of wear. Replace them promptly to prevent contamination or fluid loss.
- **Bearings:** Listen for unusual noises (whining, grinding) that may indicate worn bearings associated with the main shaft. Address these issues immediately to prevent further damage.
- **Visual Inspection:** During routine service, visually inspect the main shaft and surrounding components for any signs of physical damage, corrosion, or excessive wear.

7. SPECIFICATIONS

Attribute	Detail
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Part Number	V234303XGR01
Manufacturer	BRP
Brand	Can-Am
Item Weight	1.1 pounds (approx.)
Product Dimensions	16 x 10 x 1 inches (approx.)
Safety Rating	DOT Certified (as per product listing)
Date First Available	January 1, 2015

Note: Dimensions and weight are approximate and may vary slightly.

8. TROUBLESHOOTING

While the main shaft itself is a robust component, issues in the drive train can manifest as symptoms that might seem related to the shaft. Always consult a qualified mechanic for diagnosis.

- **Unusual Noises (Whining, Grinding):** This often indicates worn bearings, gears, or insufficient lubrication within the transmission or differential. It is crucial to address these noises promptly to prevent catastrophic failure.
- **Vibrations:** Excessive vibrations during operation can be caused by bent shafts, worn universal joints (if applicable), unbalanced components, or loose fasteners.
- **Fluid Leaks:** Leaks around the shaft seals indicate worn seals that need replacement. Ignoring leaks can lead to fluid loss and severe damage to internal components.
- **Difficulty Shifting Gears:** While not directly a main shaft issue, problems with the main shaft or associated gears can impact shifting.

If you experience any of these symptoms, discontinue use of the ATV and have it inspected by a professional immediately.

9. WARRANTY AND SUPPORT

As an Original Equipment Manufacturer (OEM) part, the Can-Am Main Shaft V234303XGR01 is typically covered by the manufacturer's standard warranty for genuine parts. Warranty terms and conditions may vary, and proof of purchase is usually required.

- For specific warranty details, please refer to the documentation provided with your purchase or contact an authorized Can-Am dealer.
- For technical support or further inquiries, it is recommended to contact your local authorized Can-Am service center or visit the official Can-Am website.
- You can also visit the [Can-Am Store on Amazon](#) for additional product information and support resources.