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### CTR GV0424

# CTR GV0424 Rear Upper Outer Lateral Arm Bushing User Manual

Model: GV0424 | Brand: CTR

## 1. PRODUCT OVERVIEW

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The CTR GV0424 Rear Upper Outer Lateral Arm Bushing is a critical component designed for specific SUBARU vehicle models. This bushing plays a vital role in your vehicle's suspension system, specifically within the control arm assembly. Its primary function is to prevent vibration and noise at the connection point between the control arm and the vehicle frame, contributing to a smoother and quieter ride. Manufactured by CTR, an OE supplier, this bushing is engineered with premium grade materials and precision standards to ensure reliable performance and durability.





Image 1.1: The CTR GV0424 Rear Upper Outer Lateral Arm Bushing.

## 2. COMPATIBILITY

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This bushing is designed to be compatible with the following vehicle models. It replaces part number 20254-AE040. Always verify compatibility with your vehicle's specific make, model, and year before purchase and installation.

- **For the US Region:** Compatible with Subaru Baja 2003-06, Legacy 2000-10, Outback 2000-10.
- **For the European Region:** Compatible with Subaru Legacy B12Be 1998-03, B13BI 2003-09; Legacy Estate/Wagon B12Bh 1998-03, B13Bp 2003-09; Outback B13Bp 2003-10.

## 3. KEY FEATURES

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The CTR GV0424 bushing incorporates advanced design and materials for optimal performance:

- **OE Supplier Quality:** Manufactured by CTR, a Korean OE supplier, ensuring high standards of quality and

precision.

- **Polymer Ball Seat:** Features a specially designed polymer ball seat that contributes to longer-lasting performance due to low friction damage and low torque variation.
- **Vibration and Noise Reduction:** The thick rubber bushing balances elasticity and rigidity, effectively preventing vibration and noise at the connection between the control arm and the vehicle frame.
- **Durability:** Constructed with premium grade materials for excellent durability and extended service life.



Image 3.1: Illustration of a heat-treated high-strength ball stud, indicating robust construction.



Image 3.2: Close-up of the high torque retention polymer ball seat, designed for reduced friction.

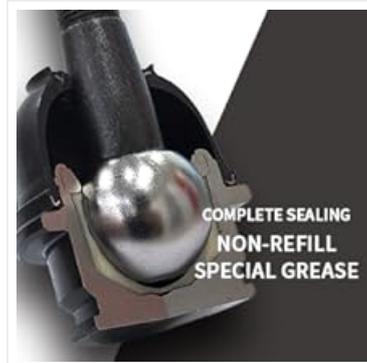


Image 3.3: Diagram showing complete sealing with non-refillable special grease for long-term lubrication.



Image 3.4: Illustration of the design for easy maintenance and workability during installation.

## 4. WHAT'S IN THE BOX

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Each package of CTR GV0424 contains:

- 1 x Lateral Arm Bushing (Model: GV0424)



Image 4.1: The CTR GV0424 bushing alongside its product packaging.

## 5. INSTALLATION GUIDE

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Installation of automotive suspension components requires specialized tools and knowledge. It is highly recommended that installation be performed by a qualified professional or an experienced mechanic. Refer to your vehicle's specific service manual for detailed, model-specific instructions and torque specifications.

### General Installation Considerations:

- **Safety First:** Always ensure the vehicle is securely supported on jack stands or a lift. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- **Component Removal:** Carefully remove the old control arm bushing. This often requires a specialized bushing press tool to extract the old bushing and install the new one. Avoid damaging the control arm or surrounding components during removal.
- **Proper Alignment:** Ensure the new bushing is aligned correctly before pressing it into place. Improper alignment

can lead to premature wear or failure.

- **Torque Specifications:** Tighten all fasteners to the manufacturer's specified torque settings. Over-tightening or under-tightening can compromise safety and performance.
- **Post-Installation Check:** After installation, perform a thorough check of all connections and ensure there is no play or looseness. It is advisable to have a wheel alignment performed after replacing suspension components.

## 6. MAINTENANCE

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Bushing components are generally designed for long-term, maintenance-free operation. However, regular inspection of your vehicle's suspension system is recommended as part of routine vehicle maintenance. Look for signs of wear, cracking, or excessive play in the bushings during your vehicle's service intervals. Promptly replace any worn or damaged bushings to maintain vehicle safety and performance.

## 7. TROUBLESHOOTING

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If you experience issues after replacing your lateral arm bushing, consider the following common problems and solutions:

- **Squeaking or Creaking Noises:**
  - *Cause:* Insufficient lubrication during installation, improper seating, or defective part.
  - *Solution:* Re-inspect the bushing for proper seating. If the noise persists, the bushing may need to be re-lubricated (if applicable for the type) or replaced if defective.
- **Excessive Vibration or Looseness:**
  - *Cause:* Incorrect installation, loose fasteners, or incorrect part for the application.
  - *Solution:* Verify all fasteners are torqued to specification. Ensure the correct bushing was installed for your vehicle model. Re-check for proper seating and alignment.
- **Premature Wear:**
  - *Cause:* Improper installation (e.g., not pressed in correctly), misaligned suspension components, or extreme driving conditions.
  - *Solution:* Have a professional inspect the entire suspension system for other worn components or alignment issues that could be contributing to premature wear.

If troubleshooting steps do not resolve the issue, consult with a certified automotive technician.

## 8. SPECIFICATIONS

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Attribute	Detail
Brand	CTR
Model	Lateral Arm Bushing
Item Model Number	GV0424
Manufacturer Part Number	GV0424
Item Weight	6.3 ounces
Package Dimensions	4.61 x 3.35 x 3.31 inches

Attribute	Detail
Exterior	Machined
ASIN	B0BCJBJZK3
Date First Available	September 28, 2021

## 9. WARRANTY AND SUPPORT

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For information regarding product warranty, returns, or technical support, please contact CTR directly through their official website or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims. CTR is committed to providing quality products and customer satisfaction. For further assistance, refer to the contact information provided on the product packaging or the CTR brand store.

