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Allstar Performance ALL56324

Allstar Performance ALL56324 Lower Control Arm User Manual

MODEL: ALL56324

Brand: Allstar Performance

1. PRODUCT OVERVIEW

The Allstar Performance ALL56324 Lower Control Arm is a heavy-duty component designed for maximum strength and durability in racing applications. Constructed from 1-1/4" D.O.M. (Drawn Over Mandrel) tubing, it features a black powder-coated finish for corrosion resistance and high-quality rod ends. This specific model is designed for 68-74 Nova LH vehicles. It includes a relocated shock bracket and is engineered to accept ALL56212 ball joints. Please note that these control arms are intended for racing use and are not compatible with stock-style lower ball joints.



Image showing the black powder-coated Allstar Performance ALL56324 Lower Control Arm, featuring its heavy-duty D.O.M. tubing construction, high-quality rod ends, and relocated shock bracket. Also visible are the accompanying bolt, nuts, and spacers.

2. PRODUCT FEATURES

- Heavy-duty construction with 1-1/4" D.O.M. tubing for maximum strength.
- Durable black powder-coated finish for enhanced corrosion resistance.
- Equipped with high-quality rod ends for precise articulation.
- Features a relocated shock bracket for optimized suspension geometry.
- Designed to accept ALL56212 ball joints.
- Specifically engineered for 68-74 Nova LH applications.

3. WHAT'S IN THE BOX

- 1 x Allstar Performance ALL56324 Lower Control Arm (LH)

Note: Additional components such as ball joints, springs, spring ramps, and rod end spacer kits are sold separately and may be required for complete installation.

4. SETUP AND INSTALLATION

Installation of the Allstar Performance ALL56324 Lower Control Arm requires mechanical expertise and specialized tools. It is highly recommended that installation be performed by a qualified professional.

Important Installation Notes:

- **Spring Mounting:** Conventional springs must be mounted with the closed end seated securely in the control arm. The open end of the spring should be positioned in the upper spring cup. Alternatively, a spring ramp (sold separately) may be welded onto the lower plate for proper spring seating.
- **Ball Joint Compatibility:** These control arms are designed to accept ALL56212 ball joints. They will **not** accept stock-style lower ball joints. Ensure you have the correct ball joints before beginning installation.
- **Frame Mount:** A rod end spacer kit (sold separately) may be required to properly fit the control arm to a stock frame mount.
- **Vehicle Specific:** This control arm is specifically for 68-74 Nova LH models. Verify compatibility with your vehicle before installation.

Always refer to your vehicle's service manual for specific torque specifications and safety procedures related to suspension component replacement.

5. OPERATING PRINCIPLES

The lower control arm is a critical component of your vehicle's suspension system. It connects the wheel hub to the vehicle's chassis, allowing for vertical movement of the wheel while maintaining proper alignment and stability. The ALL56324, with its heavy-duty construction and rod ends, is designed to provide enhanced strength and precise control, particularly beneficial in demanding racing environments where suspension integrity and responsiveness are paramount.

6. MAINTENANCE

Proper maintenance is essential to ensure the longevity and performance of your control arm. While the ALL56324 features a durable powder-coated finish, regular inspection is recommended.

- **Regular Inspection:** Periodically inspect the control arm for any signs of damage, cracks, bends, or excessive wear, especially after rigorous use.
- **Rod Ends:** Check the rod ends for play or wear. Replace them if any looseness or damage is detected.
- **Cleanliness:** Keep the control arm free from excessive dirt, grime, and corrosive materials. Clean with mild soap and water if necessary.
- **Fasteners:** Ensure all mounting bolts and nuts are properly torqued to manufacturer specifications. Re-torque after initial use and periodically thereafter.

7. TROUBLESHOOTING

If you experience issues after installing the control arm, consider the following:

- **Unusual Noises (clunking, squeaking):** Check all mounting points for proper torque. Inspect ball joints and rod ends for wear or damage. Ensure springs are seated correctly.
- **Poor Handling/Alignment Issues:** Verify that the correct control arm (LH) is installed on the correct side. Confirm that all suspension components are compatible and properly installed. An alignment by a professional may be necessary after suspension work.
- **Component Interference:** Double-check clearances with other suspension or chassis components. Ensure no parts are binding or rubbing.

If problems persist, consult with a professional automotive technician or contact Allstar Performance customer support.

8. SPECIFICATIONS

Attribute	Detail
Brand	Allstar Performance
Model Number	ALL56324
Part Position	Lower (LH)
Fit Type	Vehicle Specific Fit (68-74 Nova)
Material	1-1/4" D.O.M. Tubing, Alloy Steel
Color	Black Powder Coat
Item Weight	10 pounds
Product Dimensions	20.3 x 16.3 x 6.7 inches
UPC	848238030761

9. WARRANTY AND SUPPORT

Allstar Performance products are manufactured to high standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Allstar Performance website. For technical support or inquiries regarding your ALL56324 Lower Control Arm, please contact Allstar Performance customer service directly.

It is recommended to retain your proof of purchase for warranty claims.