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FastEddy Bearings ADX-10 Brushed 2wd Ceramic Rubber Sealed Bearing Kit

FastEddy Bearings Ceramic Rubber Sealed Bearing Kit

Instruction Manual for Arrma ADX-10 Brushed 2wd

1. INTRODUCTION

This instruction manual provides essential information for the installation, operation, and maintenance of your FastEddy Bearings Ceramic Rubber Sealed Bearing Kit, specifically designed for the Arrma ADX-10 Brushed 2wd RC vehicle. These high-quality ceramic bearings are engineered to enhance the performance, durability, and efficiency of your remote-controlled vehicle.

FastEddy ***Bearings***

**Arrma ADX-10 Brushed
Ceramic
Sealed Bearing Kit**

***High Quality - Low Cost
Ballbearings***



This image displays the complete FastEddy Bearings Ceramic Rubber Sealed Bearing Kit, packaged and ready for installation. The kit includes multiple bearings of various sizes, designed for the Arrma ADX-10 Brushed 2wd RC vehicle.

2. PRODUCT FEATURES AND COMPONENTS

FastEddy Ceramic Rubber Sealed Bearings are crafted with precision and high-quality materials to deliver superior performance. Key features include:

- **Premium Quality Ceramic Construction:** Utilizes advanced ceramic materials for reduced friction and increased durability.
- **ABEC 5 Silicon Nitride (Si₃N₄) Balls:** High-grade ceramic balls ensure smooth operation and exceptional wear resistance.
- **Chrome Steel 52100 Inner and Outer Races:** Provides a robust and precise raceway for the ceramic balls.
- **Low Drag Minimum Contact Rubber Seals:** Protects the internal components from dirt and debris while minimizing rotational drag.
- **Premium High Heat, Low Drag Synthetic Lubrication:** Pre-lubricated for optimal performance and longevity in demanding conditions.



A detailed cross-section diagram of a FastEddy ceramic bearing, highlighting its premium construction. Key components shown include ABEC 5 Silicon Nitride (Si₃N₄) balls, Chrome Steel 52100 inner and outer races, low-drag minimum contact rubber seals, and premium high-heat, low-drag synthetic lubrication.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your FastEddy bearings. Always refer to your Arma ADX-10 Brushed 2wd vehicle's official instruction manual for specific disassembly and reassembly procedures.

Required Tools:

- Small Phillips and flathead screwdrivers
- Hex wrenches (as required by your vehicle)
- Bearing removal/installation tool (optional, but recommended)
- Clean cloth
- Degreaser/cleaner (for old parts)

Installation Steps:

1. **Disassembly:** Carefully disassemble the relevant sections of your Arrma ADX-10 Brushed 2wd vehicle where bearings are located (e.g., wheels, transmission, differentials). Keep track of all screws and parts.
2. **Old Bearing Removal:** Gently remove the old bearings. If they are seized, use a small tool to pry them out carefully, avoiding damage to the surrounding components.
3. **Cleaning:** Thoroughly clean the bearing seats and surrounding areas to remove any dirt, grease, or debris. A clean surface ensures proper seating of the new bearings.
4. **New Bearing Installation:** Press the new FastEddy ceramic bearings firmly and squarely into their respective seats. Ensure they are fully seated and flush. Do not force them if they don't align properly.
5. **Reassembly:** Reassemble your RC vehicle by following the reverse steps of disassembly. Ensure all screws are tightened appropriately, but do not overtighten.



THE HIGHEST QUALITY BEARING KITS AT THE LOWEST PRICE

FastEddy Bearings offers the absolute highest quality bearings for an incredibly low price. Our catalog includes quality metal bearings as well as ceramic bearings for when you want as little friction as possible and improved longevity.

A close-up view of FastEddy bearings precisely installed within an RC vehicle's drivetrain component. This image highlights the quality and fit of the bearings, which are designed to provide the highest performance and longevity.

4. OPERATING PRINCIPLES AND BENEFITS

FastEddy ceramic bearings are designed to significantly improve your RC vehicle's performance by reducing friction and increasing efficiency. The ceramic balls are lighter and harder than traditional steel balls, leading to:

- **Increased Speed:** Less friction means more power is transferred to the wheels, resulting in higher top speeds.
- **Longer Run Times:** Reduced energy loss due to friction translates to extended battery life and longer operational periods.
- **Smoother Operation:** The precision of ceramic bearings provides a noticeably smoother and quieter drivetrain.
- **Enhanced Durability:** Ceramic materials are highly resistant to wear and corrosion, extending the lifespan of the bearings even in harsh conditions.



An RC enthusiast operates a remote-controlled vehicle on a challenging rocky trail, demonstrating the enhanced performance capabilities provided by FastEddy ceramic bearings. These bearings contribute to longer run times, faster speeds, and an overall more enjoyable RC experience.



POWERING YOUR PASSION FOR RC PERFORMANCE

An RC car soars over a sand dune, embodying the passion for RC performance that FastEddy Bearings aims to enhance. These bearings are engineered to help enthusiasts achieve peak performance and enjoy their RC adventures to the fullest.

5. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your FastEddy bearings.

Cleaning:

- Periodically remove bearings from your vehicle for inspection and cleaning, especially after running in dusty or wet conditions.
- Use a non-corrosive degreaser or bearing cleaner to remove old grease and contaminants.
- Allow bearings to air dry completely before re-lubricating. Do not use compressed air directly on the seals as it can damage them.

Lubrication:

- FastEddy bearings come pre-lubricated with a high-performance synthetic grease.
- For re-lubrication, use a high-quality, low-viscosity bearing oil or grease compatible with ceramic bearings. Avoid thick greases that can increase drag.

- Apply a small amount of lubricant to the bearing, allowing it to penetrate the races.

Inspection and Storage:

- Regularly inspect bearings for signs of wear, such as excessive play, roughness when spinning, or damaged seals. Replace worn bearings promptly.
- Store spare bearings in a clean, dry environment to prevent contamination and corrosion.



REDUCED MAINTENANCE

A person works on an RC car, illustrating the reduced maintenance requirements with FastEddy bearings. Their superior design minimizes wear and tear on critical components, reducing the need for frequent maintenance and enhancing runtime reliability.

6. TROUBLESHOOTING

If you experience issues with your FastEddy bearings, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Noisy Bearings	Contamination (dirt, dust), lack of lubrication, worn out bearing.	Clean and re-lubricate bearings. If noise persists, replace the affected bearing.
Reduced Performance (drag)	Excessive dirt/debris, improper lubrication (too thick), damaged bearing.	Clean bearings thoroughly. Use appropriate, low-drag lubricant. Inspect for damage and replace if necessary.
Premature Wear	Improper installation, excessive impact, lack of maintenance, running in extremely harsh conditions.	Ensure correct installation. Perform regular cleaning and lubrication. Avoid excessive impacts. Consider more frequent replacement in extreme environments.
Bearing Seized	Severe contamination, complete loss of lubrication, catastrophic failure.	Replace the seized bearing immediately. Inspect surrounding components for damage.

7. SPECIFICATIONS

Key specifications for the FastEddy Bearings Ceramic Rubber Sealed Bearing Kit:

Attribute	Value
Brand	FastEddy Bearings
Material	Ceramic
Item Weight	3.2 ounces
Bearing Type	Ball Bearing
Compatible Lubricant	Grease (Synthetic, Low Drag Recommended)
Manufacturer Recommended Age	13 years and up

8. WARRANTY INFORMATION

For detailed warranty information regarding your FastEddy Bearings Ceramic Rubber Sealed Bearing Kit, please refer to the official FastEddy Bearings website or contact their customer support directly. Warranty terms and conditions may vary and are subject to the manufacturer's policy at the time of purchase.

9. SUPPORT AND CONTACT

If you have any questions, require technical assistance, or need further support regarding your FastEddy Bearings product, please visit the official FastEddy Bearings website or contact their customer service team.

FastEddy Bearings Official Store: Visit FastEddy Bearings Store on Amazon

For the most up-to-date contact information and support resources, please refer to the manufacturer's official channels.

