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Losi LOS267003

Losi Steer Shaft Sealed Bearing Set

Model: LOS267003

Instruction Manual

1. Safety Information

WARNING: Read the ENTIRE instruction manual to become familiar with the features of the product before operating. Failure to operate the product correctly can result in damage to the product, personal property and cause serious injury. This is a sophisticated hobby product. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this Product in a safe and responsible manner could result in injury or damage to the product or other property. This product is not intended for use by children without direct adult supervision. Do not use with incompatible components or alter this product in any way outside of the instructions provided by Horizon Hobby, LLC. The product manual contains instructions for safety, operation and maintenance. It is essential to read and follow all the instructions and warnings in the manual, prior to assembly, setup or use, in order to operate correctly and avoid damage or serious injury.

2. Product Overview

The Losi Steer Shaft Sealed Bearing Set (LOS267003) is designed to provide smooth and efficient operation for the steer shaft mechanism in compatible remote-controlled vehicles. These sealed bearings reduce friction, enhance durability, and improve the overall performance of your RC model's steering system. The sealed design helps protect the internal components from dirt and debris, extending their lifespan.



This image displays two Losi Steer Shaft Sealed Bearings. Each bearing features a silver metallic outer race and a black rubber seal. Markings such as 'JAPAN' and 'EZO' are visible on the seals, indicating their origin and type. These bearings are designed to reduce friction and support rotational parts in remote-controlled vehicles.

3. What's in the Box

- Steer Shaft Sealed Bearing Set: PM-MX

4. Setup and Installation

Proper installation of the steer shaft sealed bearings is crucial for optimal performance and longevity. Refer to your specific RC vehicle's instruction manual for detailed disassembly and reassembly procedures.

1. **Preparation:** Ensure your workspace is clean and organized. Gather all necessary tools, which typically include small screwdrivers, hex wrenches, and possibly a bearing press or appropriate tools for gentle bearing removal/installation.
2. **Disassembly:** Carefully disassemble the steering assembly of your RC vehicle to access the steer shaft and existing bearings. Note the orientation and placement of all components.
3. **Bearing Removal:** Gently remove the old bearings. Avoid applying excessive force that could damage the surrounding components.
4. **Bearing Installation:** Install the new Losi sealed bearings into their designated positions on the steer shaft and within the steering assembly. Ensure they are seated correctly and smoothly. Do not force the bearings into place; they should fit snugly.
5. **Reassembly:** Reassemble the steering components in reverse order of disassembly. Double-check that all screws are tightened appropriately and that the steering mechanism moves freely without binding.
6. **Functionality Check:** After reassembly, test the steering system to ensure smooth operation and proper alignment before operating the vehicle.

5. Operating Considerations

While bearings do not have 'operating instructions' in the traditional sense, proper handling and environmental awareness contribute to their lifespan:

- **Avoid Contaminants:** Although sealed, prolonged exposure to excessive dirt, sand, or water can still compromise bearing integrity.
- **Prevent Overloading:** Ensure your RC vehicle is operated within its design limits to prevent undue stress on the bearings.
- **Regular Inspection:** Periodically check the steering system for any signs of binding or rough movement, which could indicate bearing wear.

6. Maintenance

Regular maintenance helps extend the life and performance of your sealed bearings:

- **Cleaning:** After use, especially in dusty or wet conditions, clean the exterior of the steering assembly to prevent debris from accumulating around the bearings. Use a soft brush or compressed air.
- **Inspection:** Periodically inspect the bearings for any signs of damage, such as dents, corrosion, or excessive play. Check the seals for tears or degradation.
- **Lubrication:** Sealed bearings are pre-lubricated and generally do not require additional lubrication during their service life. If a bearing feels rough or noisy, it may be nearing the end of its life and should be replaced rather than attempting to re-lubricate.
- **Replacement:** Replace bearings that show signs of wear, damage, or excessive play to maintain optimal steering performance and prevent damage to other components.

7. Troubleshooting

If you experience issues with your steering system, consider the following:

- **Stiff Steering / Binding:**
  - Check for overtightened screws in the steering assembly.
  - Inspect bearings for damage or debris.
  - Ensure all components are correctly aligned and not rubbing.
- **Excessive Play / Loose Steering:**
  - Verify that all fasteners are securely tightened.
  - Inspect bearings for wear or damage, indicating a need for replacement.
  - Check for worn out plastic components in the steering linkage.
- **Noisy Operation:**
  - A grinding or squealing noise often indicates a worn or damaged bearing. Replace immediately.
  - Ensure no foreign objects are lodged in the steering mechanism.

8. Specifications

Specification	Detail
Product Dimensions	2.7 x 4 x 0.2 inches

Item Weight	0.704 ounces
Item Model Number	LOS267003
Manufacturer Recommended Age	14 months and up
Manufacturer	Losi
First Available	July 10, 2023

9. Warranty and Support

For specific warranty information and technical support, please refer to the official Losi website or contact Horizon Hobby, LLC directly. Keep your proof of purchase for any warranty claims. Always ensure you are using genuine Losi replacement parts for optimal performance and compatibility.

Contact Information: Please visit the Losi Store on Amazon or the official Losi website for the most current support resources.

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Question

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Details

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