

[Manuals.plus](#) /

› [All Balls](#) /

› All Balls Racing 25-1122 Wheel Bearing Seal Kit Instruction Manual

All Balls 25-1122

Instruction Manual

ALL BALLS RACING WHEEL BEARING & SEAL KIT

Model: 25-1122

1. Product Overview

The All Balls Racing 25-1122 Wheel Bearing Seal Kit is designed to provide smooth and reliable operation for your vehicle's wheels. This kit includes high-quality components engineered to withstand demanding conditions, ensuring optimal performance and longevity. Wheel bearings are critical for the smooth rotation of your wheels, connecting the hubs to the axle. Proper maintenance and timely replacement are essential for safe and efficient machine operation.



Image: Components of the All Balls Racing Wheel Bearing and Seal Kit, including two bearings and three seals.

2. What's in the Box

Each All Balls Racing 25-1122 Wheel Bearing Seal Kit contains the following components:

- 2 x Ball Bearings
- 3 x Seals



Image: The All Balls Racing Wheel Bearing and Seal Kit in its clear plastic packaging, showing the model number and compatibility information.

3. Key Features

- **High-Speed Bearings:** Manufactured to ABEC 3 precision levels for optimal performance.
- **Enhanced Sealing:** Triple lip rubber seals are designed to effectively keep grease in and prevent water and dirt from entering.
- **Corrosion Protection:** Chevron SRI 2 grease, included with the bearings, contains rust and oxidation inhibitors, ensuring durability across a wide temperature range (-29°C to 177°C).
- **Durable Seals:** Double lip type TC Nitrile Elastomer seals feature stainless steel garter springs, specifically designed to resist water and dirt ingress.



Image: A close-up view of an All Balls Racing wheel bearing, highlighting its sealed design and precision finish.

4. Applications and Compatibility

This wheel bearing and seal kit is compatible with a range of Honda and Suzuki models. Please verify part fitment for your specific vehicle before installation.

Honda Applications:

- ATC110: 1979 - 1985
- ATC125M: 1984 - 1985
- ATC185: 1980 - 1983
- ATC200: 1981 - 1983
- ATC200E: 1982 - 1983
- ATC200M: 1984 - 1985
- ATC200S: 1984 - 1986
- ATC200X: 1983 - 1985

- ATC250R: 1981 - 1984
- TRX125: 1985 - 1986

Suzuki Applications:

- ALT-125: 1983 - 1986
- ALT-185F: 1985
- LT-125: 1983 - 1987
- LT-160: 2003 - 2004
- LT-160E: 1989 - 1992
- LT-185: 1984 - 1987
- LT-F160: 1991 - 2001

5. Installation Guidelines

Proper installation of wheel bearings and seals is crucial for the safety and performance of your vehicle. Incorrect installation can lead to premature failure and potential damage. It is highly recommended that installation be performed by a qualified mechanic or an individual with extensive experience in vehicle maintenance.

General Steps (Consult Service Manual for Specifics):

1. **Preparation:** Secure the vehicle on a stable lift or jack stands. Remove the wheel, brake caliper (if applicable), and any other components obstructing access to the wheel hub.
2. **Removal of Old Components:** Carefully remove the old wheel bearings and seals. Note their orientation and position for correct reassembly. Specialized tools may be required for extraction.
3. **Cleaning:** Thoroughly clean the hub and axle components, removing all old grease, dirt, and debris. Inspect for any damage or wear.
4. **Installation of New Bearings:** Press the new bearings into the hub using appropriate bearing installation tools. Ensure they are seated squarely and fully without applying force to the inner race.
5. **Installation of New Seals:** Install the new seals, ensuring they are properly oriented and seated to provide an effective barrier against contaminants.
6. **Lubrication:** Ensure adequate lubrication with the provided Chevron SRI 2 grease or equivalent, as specified in your vehicle's service manual.
7. **Reassembly:** Reassemble all removed components in reverse order. Torque all fasteners to the manufacturer's specifications.
8. **Final Check:** After reassembly, rotate the wheel by hand to check for smooth operation and any unusual noises. Check for any play in the wheel.

Warning: Improper installation can lead to serious mechanical failure. Always refer to your vehicle's specific service manual for detailed instructions and torque specifications.

6. Maintenance

Regular inspection and proper maintenance are key to extending the life of your wheel bearings and seals. Contamination from dirt and water is a primary cause of bearing failure.

- **Regular Inspection:** Periodically check for any signs of wear, such as excessive play in the wheel, grinding noises, or unusual heat from the hub area.
- **Cleaning Practices:** When washing your vehicle, avoid directing high-pressure water streams directly at the wheel bearing and seal areas, as this can force water past the seals and into the bearings.

- **Lubrication:** While these bearings are pre-greased, ensure seals remain intact to retain the Chevron SRI 2 grease, which is formulated with rust and oxidation inhibitors for long-term protection.
- **Timely Replacement:** Replace bearings and seals at recommended service intervals or at the first sign of wear or damage to prevent more extensive and costly repairs.

7. Troubleshooting

If you experience issues after installing your wheel bearing and seal kit, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Grinding or Growling Noise	Damaged or worn bearing, lack of lubrication, contamination.	Inspect bearings for damage. Ensure proper lubrication and sealing. Replace if necessary.
Excessive Wheel Play	Loose bearing, incorrect installation, worn components.	Check bearing seating and torque specifications. Reinstall or replace if components are worn.
Wheel Wobble or Vibration	Bearing damage, improper installation, unbalanced wheel.	Inspect bearings and installation. Check wheel balance and alignment.
Premature Failure	Improper installation, contamination, side loading, incorrect part for application.	Review installation procedure. Ensure correct part is used. Address any side loading issues.

If issues persist, consult a professional mechanic.

8. Specifications

Attribute	Detail
Brand	All Balls
Model Number	25-1122
Material	Rubber (Seals)
Bearing Number	25 1122
Specification Met	ABEC 3
Bearing Type	Ball Bearing
Compatible Lubricant	Grease (Chevron SRI 2)
Item Weight	13.4 ounces (approx.)
Product Dimensions	5.1 x 4.8 x 2.5 inches (approx.)
Position	Rear

Attribute	Detail
UPC	723980399840, 172303971537

9. Warranty and Support

All Balls Racing products are manufactured to high standards. For specific warranty information or technical support regarding your 25-1122 Wheel Bearing Seal Kit, please contact All Balls Racing directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.

For more information about All Balls Racing and their product lines, you can visit their official store [All Balls Racing Store](#).

© 2024 All Balls Racing. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question