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› AUTO-GETHER R150.29 Rear Wheel Hub Unit User Manual

AUTO-GETHER R150.29

AUTO-GETHER R150.29 Rear Wheel Hub Unit User Manual

Model: R150.29

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the AUTO-GETHER R150.29 Rear Wheel Hub Unit. Please read this manual thoroughly before installation to ensure safe and effective use of the product. This wheel hub unit is designed for specific automotive applications, ensuring reliable performance for your vehicle's rear wheel assembly.

2. PRODUCT OVERVIEW AND FEATURES

The AUTO-GETHER R150.29 Rear Wheel Hub Unit is a critical component for your vehicle's suspension and braking system. It integrates the wheel bearing and mounting flange into a single, pre-assembled unit, simplifying installation and ensuring precise fitment.

- **OE NO.:** R150.29 R150.29 Rear Wheel Hub Unit, ensuring compatibility with original equipment specifications.
- **Integrated Design:** Combines the wheel bearing and hub flange for a robust and efficient assembly.
- **Durability:** Constructed with high-quality materials for long-lasting performance and resistance to wear.
- **Precision Engineering:** Designed to meet strict automotive standards for optimal vehicle handling and safety.

Product Images



Figure 2.1: Angled view of the AUTO-GETHER R150.29 Rear Wheel Hub Unit, showing the mounting flange and bearing assembly. This image displays the wheel hub unit from an elevated, angled perspective, highlighting its robust construction and the integrated bearing. The four bolt holes on the flange are clearly visible, indicating its mounting points.



Figure 2.2: Side view of the AUTO-GETHER R150.29 Rear Wheel Hub Unit.

A direct side view of the wheel hub unit, emphasizing its compact design and the smooth exterior finish. This perspective clearly shows the depth of the unit and the precision of its machining.



Figure 2.3: Front view of the AUTO-GETHER R150.29 Rear Wheel Hub Unit.

This image provides a head-on view of the wheel hub unit, showcasing the central bearing bore and the four equally spaced mounting holes on the flange. The inner race of the bearing is visible.



Figure 2.4: Detailed front view of the AUTO-GETHER R150.29 Rear Wheel Hub Unit, showing part numbers.

A close-up front view of the wheel hub unit, revealing etched part numbers and manufacturing details on the bearing seal and inner ring. This view emphasizes the precision markings and quality control.

3. SPECIFICATIONS

Attribute	Detail
Brand	AUTO-GETHER
Model Number	R150.29 (OEM Part Number: R150.29 R150.29)
Manufacturer Part Number	9331788135280
ASIN	B0CH7V4GL4
Country of Origin	China

Attribute	Detail
Exterior Finish	Smooth
Package Contents	1 pc(set) * REAR THE WHEEL HUB UNIT
First Available Date	September 1, 2023

4. SETUP AND INSTALLATION

Installation of a wheel hub unit requires specialized tools and mechanical knowledge. It is highly recommended that installation be performed by a certified automotive technician. Improper installation can lead to serious safety hazards and damage to your vehicle.

Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning work.
- Disconnect the battery's negative terminal before working on electrical components.
- Refer to your vehicle's specific service manual for detailed torque specifications and procedures.

General Installation Steps (Consult Vehicle Manual for Specifics):

1. Lift and secure the vehicle. Remove the wheel.
2. Remove the brake caliper and rotor. Support the caliper to prevent damage to the brake hose.
3. Disconnect any ABS sensor wiring from the hub assembly, if applicable.
4. Remove the axle nut (if applicable for driven wheels).
5. Unbolt the old wheel hub unit from the steering knuckle or axle housing.
6. Clean the mounting surface thoroughly to ensure proper seating of the new unit.
7. Install the new AUTO-GETHER R150.29 Rear Wheel Hub Unit, ensuring correct alignment.
8. Tighten mounting bolts to the vehicle manufacturer's specified torque.
9. Reinstall the axle nut (if applicable) and torque to specification.
10. Reconnect ABS sensor wiring.
11. Reinstall the brake rotor and caliper. Torque caliper bolts to specification.
12. Reinstall the wheel and lower the vehicle.
13. Perform a test drive to ensure proper function and check for any abnormal noises or vibrations.

5. OPERATION AND USAGE

Once properly installed, the AUTO-GETHER R150.29 Rear Wheel Hub Unit operates as an integral part of your vehicle's wheel assembly. It facilitates the smooth rotation of the wheel while supporting the vehicle's weight and transmitting braking forces. No specific user operation is required beyond normal vehicle driving.

Note: A new wheel hub unit should not require a break-in period. However, it is always advisable to drive cautiously after any major suspension or brake component replacement to ensure everything is functioning correctly.

6. MAINTENANCE

The AUTO-GETHER R150.29 Rear Wheel Hub Unit is designed to be a maintenance-free component. It is sealed and pre-lubricated from the factory, requiring no periodic greasing or adjustment.

Inspection:

Regularly inspect your vehicle's wheel hub units during routine maintenance (e.g., tire rotations, brake inspections) for signs of wear or damage. Look for:

- Excessive play or looseness in the wheel.
- Unusual noises such as humming, grinding, or roaring, especially when turning.
- Vibrations felt through the steering wheel or floorboard.
- Uneven tire wear.
- Visible damage to the hub assembly or seals.

If any of these symptoms are observed, it is recommended to have the wheel hub unit inspected by a qualified technician immediately.

7. TROUBLESHOOTING

This section outlines common issues that may indicate a problem with the wheel hub unit and potential causes. Note that these symptoms can also be caused by other vehicle components.

Symptom	Possible Cause	Recommended Action
Humming, grinding, or roaring noise from the rear wheel, especially at speed or when turning.	Worn or damaged wheel bearing within the hub unit.	Inspect the wheel hub unit for play. If excessive play or noise is confirmed, replace the unit.
Vibration felt through the vehicle, particularly at certain speeds.	Damaged or unbalanced wheel hub unit, or other suspension/tire issues.	Check wheel balance and alignment. If symptoms persist, inspect hub unit for damage or excessive runout.
Loose wheel or excessive play when shaking the wheel at 12 and 6 o'clock positions.	Severely worn wheel bearing or loose mounting bolts.	Immediately inspect and tighten mounting bolts to specification. If play remains, replace the wheel hub unit.
ABS light illuminated on dashboard.	Damaged ABS sensor or tone ring integrated into the hub unit.	Scan vehicle for ABS fault codes. Inspect ABS sensor and wiring. Replacement of the hub unit may be necessary if the sensor or tone ring is integral and damaged.

For any issues not listed or if troubleshooting steps do not resolve the problem, please contact a qualified automotive professional or AUTO-GETHER customer support.

8. WARRANTY AND SUPPORT

AUTO-GETHER stands behind the quality of its products. While specific warranty details are typically provided at the point of purchase, general support is available for product inquiries.

If you have any questions about the AUTO-GETHER R150.29 Rear Wheel Hub Unit, require assistance with installation, or need to inquire about warranty coverage, please contact AUTO-GETHER customer support. You can often find contact information on the product packaging or through the retailer where the product was purchased.

As stated in the product description: "Please contact us if you have any questions about the products." and "If you have any other auto parts needed, please be free to let us help you."

AUTO-GETHER: YOUR CAR PART SOLUTION.



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This manual is for informational purposes only. Always consult a qualified professional for vehicle repairs.