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Womaqu Y14401-1

Womaqu 1:14 Scale RC Car Metal Gear Differential Upgrade Kit Instruction Manual

Model: Y14401-1

PRODUCT OVERVIEW

This manual provides comprehensive instructions for the Womaqu 1:14 Scale RC Car Metal Gear Differential Upgrade Kit. This kit is designed to enhance the performance and durability of compatible RC vehicles by replacing standard components with high-quality metal parts. The main shaft metal gear with a metal differential ensures improved power transmission and longevity.

Compatible Models: 14431, 14412, 14413, 14322, 14331, 14411.

PACKAGE CONTENTS

The Womaqu Metal Gear Differential Upgrade Kit includes the following components:

- **Large Gear:** 1 piece (0.8 cm/0.31 inch inner diameter, 3.2 cm/1.25 inch outer diameter)
- **Small Bevel Gear:** 2 pieces (2.5 cm/0.96 in height, small bevel head diameter 0.8 cm/0.31 in, width 1.2 cm/0.47 in)
- **Differential:** 1 piece (5.3 cm/2.07 in length, gear diameter 3.7 cm/1.44 in, joint diameter 1.1 cm/0.43 in)



Image: Components of the Womaqu Metal Gear Differential Upgrade Kit, including a large gear, two small bevel gears, and a differential assembly.

SAFETY INFORMATION

WARNING: Choking Hazard - Small Parts. Not suitable for children under 14 years of age without adult supervision.

INSTALLATION GUIDE

This section details the process of installing the metal gear differential upgrade kit into your compatible RC vehicle. It is recommended to consult your RC vehicle's original manual for specific disassembly instructions.

1. Preparation

- Ensure your RC vehicle is powered off and the battery is disconnected.
- Gather necessary tools, typically a small Phillips head screwdriver and possibly a hex wrench (not included in this kit).

2. Accessing the Differential

Carefully remove the body shell of your RC vehicle. This usually involves detaching body clips or screws. Once the body is off, locate the existing differential assembly within the chassis.



Image: An RC car chassis with the differential and gear components highlighted, indicating their location for replacement.

3. Removing the Old Differential

- Following your RC vehicle's manual, carefully disassemble the components surrounding the differential to gain full access. This may include removing suspension arms, drive shafts, or gearbox covers.
- Extract the existing differential and associated gears.

4. Installing the New Metal Differential

The Womaqu metal differential is designed for easy installation, offering excellent performance and good stability.

Video: Demonstration of the Womaqu metal differential, highlighting its high-quality material, good reliability, long use time, and ease of installation. This video shows the differential being handled and rotated, emphasizing its robust construction.

- Insert the new large gear onto the differential shaft.
- Attach the small bevel gears to their respective positions on the differential.

- Carefully place the assembled metal differential into the gearbox housing.
- Ensure all gears mesh correctly and rotate smoothly without binding.

5. Reassembly

- Reverse the disassembly steps to reassemble your RC vehicle.
- Ensure all screws are tightened securely, but do not overtighten.
- Reattach the body shell.

OPERATING TIPS

With the new metal differential, your RC vehicle will experience improved performance. Always operate your RC car responsibly.

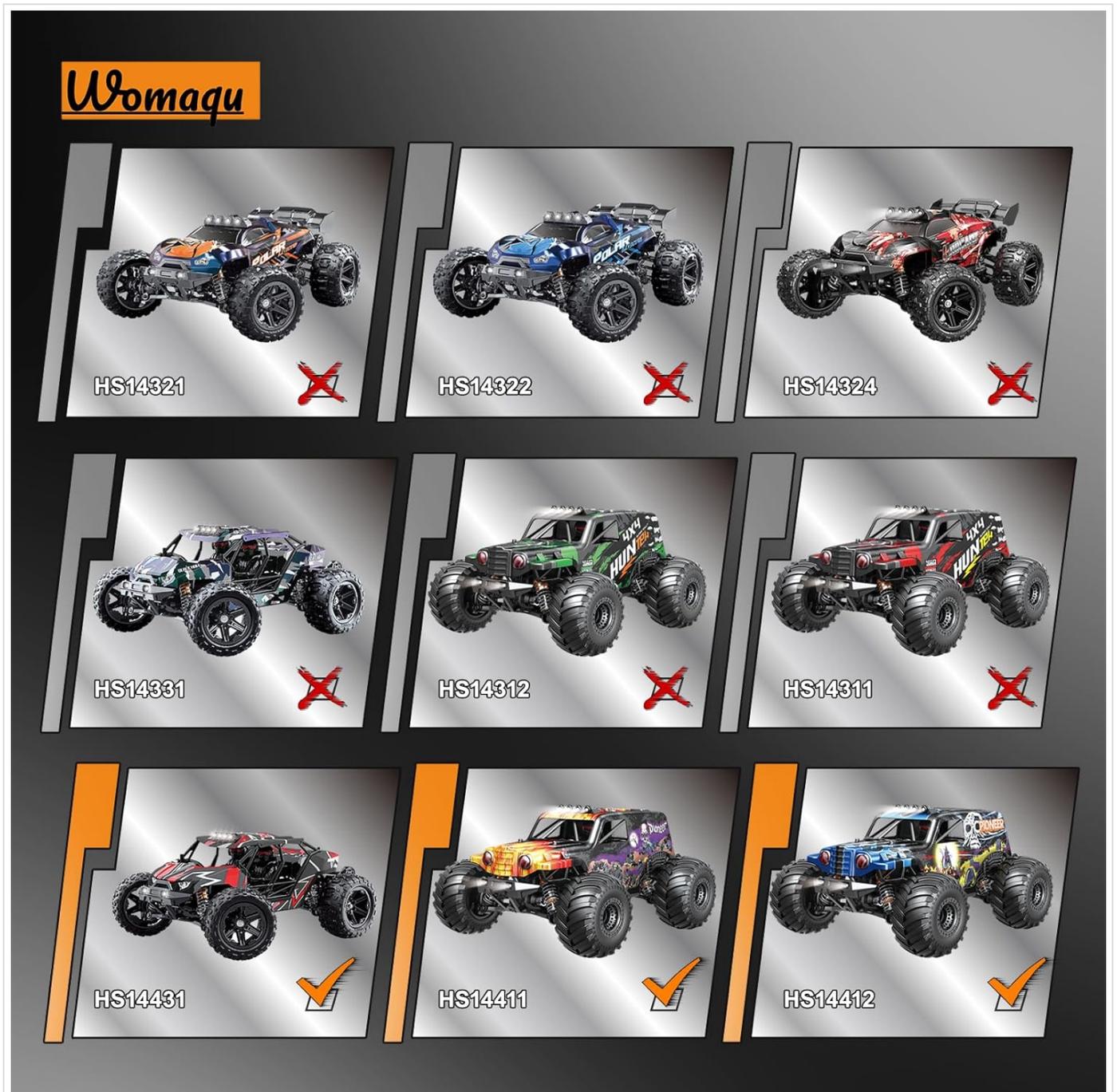


Image: A grid displaying various Womaqu RC car models, with checkmarks indicating compatibility with the metal gear differential upgrade kit (HS14431, HS14411, HS14412) and crosses indicating incompatibility.

- **Initial Test:** After installation, perform a low-speed test to ensure all components are functioning correctly.
- **Terrain:** The upgraded differential enhances durability across various terrains, including dirt, snow, water, and mud.
- **Maintenance:** Regularly inspect the differential and gears for wear and tear. Clean any debris to maintain optimal performance.

SPECIFICATIONS

Feature	Detail
Product Dimensions	2.54 x 2.15 x 3.31 inches
Item Weight	3.36 ounces
Item Model Number	Y14401-1-QHCA
Manufacturer Recommended Age	14 years and up
Manufacturer	Womaqu

WARRANTY AND SUPPORT

For any product-related inquiries, technical support, or warranty claims, please contact Womaqu customer service through the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.