



Manuals.plus /

› JRRXM /

› JRRXM 13-inch EVA Solid Compound Tire for Power Wheels - Instruction Manual

## JRRXM 13inwheels

# JRRXM 13-inch EVA Solid Compound Tire for Power Wheels - Instruction Manual

## INTRODUCTION

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This manual provides essential information for the installation, use, and maintenance of your JRRXM 13-inch EVA Solid Compound Tires. These tires are designed as an upgrade or replacement for Power Wheels and similar ride-on vehicles, offering enhanced durability and performance. Please read these instructions carefully before proceeding with installation or use.

## IMPORTANT PRE-INSTALLATION INFORMATION

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Before purchasing and installing these tires, it is crucial to verify compatibility with your specific ride-on vehicle. Incorrect sizing can lead to improper fitment and potential operational issues.

### Tire Measurement Guide

The tire size is complex. We strongly recommend watching the provided video and following the instructions to accurately measure your existing tires and vehicle's axle dimensions before purchasing. Key dimensions to check include:

- **Tire Diameter:** The overall measurement across the tire.
- **Tire Width:** The measurement from side to side of the tire.
- **Aperture (Inner Hole Diameter):** The diameter of the central hole where the axle passes through.
- **Axle Length:** The length of the axle that passes through the wheel. This needs to be greater than 8.5 CM (3.4 inches). If your axle is too long, shims may be required.



Figure 1: Detailed dimensions of the JRRXM 13-inch EVA Solid Compound Tire. Ensure these measurements match your vehicle's requirements.

Your browser does not support the video tag.

Video 1: Guide on how to accurately measure your vehicle's tire and axle dimensions for proper fitment.

## PRODUCT FEATURES

- **Material:** Constructed from EVA soft material, offering a lightweight, wear-resistant, and odorless alternative to plastic or rubber tires.
- **Performance:** Designed to increase friction, improve torque, and reduce operational noise.
- **Coupler:** Includes a 6-Plum Blossom Coupler (adapter) for compatibility with 6-Plum Blossom motor gearboxes.
- **Bearings:** Equipped with high-quality bearings in the center to reduce friction, enhance service life, and minimize noise.
- **Universal Fit:** Generally, there is no distinction required between front and rear wheels for installation.

## SPECIFICATIONS

Specification	Value
Size (Diameter)	33.5 CM / 13 inches
Aperture (Inner Hole Diameter)	1.2 CM / 0.47 inches
Tire Width	13 CM / 5.1 inches
Minimum Axle Length Required	8.5 CM / 3.4 inches
Material	EVA Soft Compound
Coupler Type	6-Plum Blossom
Item Weight (per tire)	Approximately 2.2 pounds (4.4 pounds for 2-pack)
Vehicle Service Type	Car, SUV, UTV, ATV, Motorcycle (Ride-on Toys)

## INSTALLATION GUIDE

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Follow these steps to install the JRRXM EVA Solid Compound Tires on your ride-on vehicle.

### Step 1: Prepare the Vehicle

- Ensure the ride-on vehicle is turned off and disconnected from any power source.
- Place the vehicle on a stable, flat surface. You may need to elevate it to access the wheels easily.

### Step 2: Remove Existing Wheels

- Carefully remove the retaining clips, nuts, or caps securing the old wheels to the axle.
- Slide the old wheels off the axle. Keep any washers or spacers for potential reuse if needed for proper spacing with the new tires.

### Step 3: Check Axle Compatibility

- Verify that the vehicle's axle diameter matches the tire's 1.2 CM (0.47 inch) aperture.
- Confirm the axle length is at least 8.5 CM (3.4 inches) to ensure sufficient engagement with the tire's bearing and coupler. If the axle is too long, you may need to add shims (not included) to prevent the tire from rubbing against the vehicle body.



## Pass Through the Axle of the Wheel, The Length is 8.5CM

Figure 2: The axle must extend at least 8.5 CM (3.4 inches) through the wheel for secure fitment.

### Step 4: Install New Tires

- Slide the new JRRXM EVA Solid Compound Tire onto the axle. Ensure the 6-Plum Blossom Coupler on the tire aligns correctly with the gearbox shaft (if applicable for driven wheels).
- Secure the tire using the original retaining clips, nuts, or caps. Ensure they are tightened sufficiently to prevent wobble but not overtightened, which could damage the bearings or tire hub.



Figure 3: The tire features an integrated bearing and a 6-Plum Blossom Coupler for direct connection to compatible gearboxes.



Figure 4: Proper engagement of the tire's coupler with the gearbox for driven wheels.

### Step 5: Final Check

- Rotate each installed wheel manually to ensure smooth movement and no rubbing against the vehicle body.
- Confirm all retaining hardware is secure.

Your browser does not support the video tag.

Video 2: General overview of tire installation process for ride-on vehicles.

## OPERATION

Once installed, the JRRXM EVA Solid Compound Tires are ready for use. These tires are designed to provide improved traction and durability on various surfaces compared to standard plastic wheels. No special operating procedures are required beyond the normal operation of your ride-on vehicle.



Figure 5: The tire's tread pattern is designed for enhanced grip and wear resistance.

## MAINTENANCE

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To ensure the longevity and optimal performance of your JRRXM EVA Solid Compound Tires, follow these simple maintenance guidelines:

- **Regular Cleaning:** Clean the tires periodically with water and a mild soap solution to remove dirt, mud, and debris. Avoid harsh chemicals that could degrade the EVA material.
- **Inspection:** Regularly inspect the tires for any signs of wear, cuts, or damage. Check the wheel hub and axle for any looseness or damage.
- **Storage:** If the vehicle is stored outdoors, consider using a cover to protect the tires from prolonged exposure to direct sunlight and extreme weather conditions, which can extend their lifespan.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

### **Issue: Tires do not fit the vehicle.**

- **Solution:** Re-verify the dimensions of your vehicle's axle and the tire's aperture and width against the specifications provided in this manual and the product listing. Ensure the axle length is sufficient. If dimensions do not match, the tires may not be compatible with your specific model.

### **Issue: Wheels wobble after installation.**

- **Solution:** Check that all retaining clips, nuts, or caps are securely fastened. Ensure there are no missing washers or spacers that might be causing excessive play on the axle.

### **Issue: Tires rub against the vehicle body.**

- **Solution:** This usually indicates the tire width is too great for the available clearance or the axle is too long. If the axle is too long, adding shims between the wheel and the retaining hardware can create necessary clearance.

## **WARRANTY AND SUPPORT**

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For information regarding product warranty, returns, or technical support, please refer to the seller's policy on the platform where the product was purchased or contact JRRXM customer service directly through their official channels. Please have your purchase details and product model number (13inwheels) ready when contacting support.