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› WeiSen Spare Tire Carrier Spacer Kit User Manual

## WeiSen 70DA120002

# WeiSen Spare Tire Carrier Spacer Kit User Manual

Model: 70DA120002 | Brand: WeiSen

## 1. PRODUCT OVERVIEW

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The WeiSen Spare Tire Carrier Spacer Kit is designed to provide additional clearance for larger spare tires on compatible Jeep Wrangler models. This kit effectively relocates your spare tire 2 inches outward and approximately 1.5 inches upward, accommodating tires up to 33 inches in diameter. Constructed from durable CNC steel with a powder-coated black finish, it ensures long-lasting performance and resistance to corrosion. Its bolt-on design allows for straightforward installation.



Image 1.1: Components of the WeiSen Spare Tire Carrier Spacer Kit. This image displays the main spacer block, three large bolts, and an assortment of nuts and washers required for installation.

## 2. COMPATIBILITY

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This spare tire carrier spacer kit is compatible with the following Jeep Wrangler models:

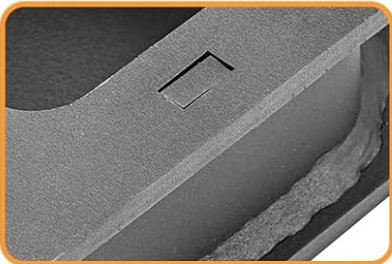
- Jeep Wrangler YJ 4WD: 1987-1995
- Jeep Wrangler TJ 4WD: 1997-2006
- Jeep Wrangler TJ 4WD Unlimited: 2004-2006
- Jeep Wrangler JK 4WD (2 Door): 2007-2018
- Jeep Wrangler JK Unlimited 2WD: 2007-2010
- Jeep Wrangler JK Unlimited 4WD: 2007-2018

The spacer is designed to work with common Jeep bolt patterns, specifically 5x5 and 5x4.5 bolt patterns.

## DETAILS & FEATURES



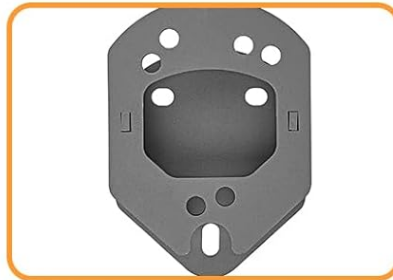
Take the worry out of flat tires when you travel



Made of high quality solid steel, with better durability and firmness.



Works with tires or wheels up to 33"



Compatible with 5x5 & 5x4.5 Bolt Patterns



Easy bolt-on installation

Image 2.1: Key features and compatibility details of the spacer kit. This image highlights the robust steel construction and confirms compatibility with 5x5 and 5x4.5 bolt patterns, essential for proper fitment.

### 3. PACKAGE CONTENTS

Please verify that all components listed below are present in your package before beginning installation:

- 1 x Spare Tire Carrier Spacer Block (CNC Steel, Powder Coated Black)
- 3 x Mounting Bolts (for attaching spacer to carrier)
- 3 x Nuts (for mounting bolts)
- 6 x Flat Washers (for mounting bolts)
- 3 x Lock Washers (for mounting bolts)
- Additional hardware for tire mounting (if applicable, may vary based on vehicle)

*Note: The exact quantity and type of smaller hardware (nuts, bolts, washers) may vary slightly. Refer to Image 1.1 for a*

visual representation of typical components.

## 4. INSTALLATION INSTRUCTIONS

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This kit features an easy bolt-on application. Follow these steps for proper installation:

1. **Preparation:** Park your vehicle on a flat, stable surface. Ensure the parking brake is engaged. If a spare tire is currently mounted, remove it from the factory spare tire carrier.
2. **Access Carrier:** Locate the factory spare tire carrier on the rear of your Jeep.
3. **Mount Spacer Block:** Align the WeiSen spacer block with the mounting holes on your factory spare tire carrier. The spacer is designed to fit precisely.
4. **Secure Spacer:** Insert the provided mounting bolts through the spacer block and into the corresponding holes on the factory carrier. Secure them with the flat washers, lock washers, and nuts. Hand-tighten all fasteners initially.



Image 4.1: The spacer block securely mounted to the vehicle's factory spare tire carrier, illustrating the initial installation step before

the tire is re-mounted.

5. **Final Tightening:** Once all bolts are in place and hand-tightened, use appropriate wrenches to fully tighten all nuts and bolts. Ensure they are snug and secure, but do not overtighten to avoid stripping threads or damaging components.
6. **Re-mount Spare Tire:** Carefully lift your spare tire and align its bolt pattern with the studs on the newly installed spacer block. Slide the tire onto the studs.



Image 4.2: An illustrative diagram demonstrating the placement of the spacer kit between the vehicle's spare tire mount and the spare tire itself, highlighting the outward and upward relocation.

7. **Secure Tire:** Install the lug nuts onto the tire studs and tighten them in a star pattern to ensure even pressure. Torque to vehicle manufacturer specifications for lug nuts.





Image 4.3: The spare tire fully mounted on the WeiSen spacer kit, demonstrating the successful installation and the resulting increased clearance from the vehicle body.

8. **Final Check:** Double-check all connections to ensure they are secure. Gently shake the tire to confirm stability.

## 5. OPERATION AND BENEFITS

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Once installed, the WeiSen Spare Tire Carrier Spacer Kit operates passively by providing the necessary offset for larger

spare tires. This allows you to safely carry an oversized spare tire (up to 33 inches) without it interfering with the vehicle's bumper, tailgate, or other rear components. The robust steel construction ensures reliable support for the increased weight and size of a larger tire.

## 6. MAINTENANCE

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The WeiSen Spare Tire Carrier Spacer Kit requires minimal maintenance. Periodically inspect the following:

- **Fastener Tightness:** Check all mounting bolts and lug nuts for proper tightness, especially after the first few hundred miles of driving and then regularly (e.g., during tire rotations). Vibrations can sometimes loosen fasteners.
- **Corrosion:** Although powder-coated for protection, inspect the spacer for any signs of rust or damage to the coating, particularly in harsh weather conditions. Touch up any chips or scratches to prevent corrosion.
- **Structural Integrity:** Visually inspect the spacer block for any cracks, bends, or deformation. If any damage is observed, replace the unit immediately.

## 7. TROUBLESHOOTING

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- **Issue: Hardware not fitting or stripping.**  
**Solution:** Ensure you are using the correct hardware for each step as indicated in the instructions. Do not overtighten fasteners; apply appropriate torque. If a stud spins or a nut seizes, stop immediately. Contact the manufacturer or a professional for assistance. Verify all components are present before starting installation.
- **Issue: Spare tire still rubs or does not fit.**  
**Solution:** Confirm your tire size is within the 33-inch maximum recommended by the kit. Double-check that the spacer is correctly installed and fully seated against the factory carrier. Ensure the tire's bolt pattern matches the spacer's compatibility (5x5 or 5x4.5).
- **Issue: Spacer appears loose after installation.**  
**Solution:** Re-check the tightness of all mounting bolts securing the spacer to the factory carrier. Ensure lock washers were used if provided. If the issue persists, remove the tire and spacer to inspect for any obstructions or improper seating.

## 8. SPECIFICATIONS

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<b>Model Number</b>	70DA120002
<b>Brand</b>	WeiSen
<b>Material</b>	CNC Steel with Powder Coated Black Finish
<b>Tire Relocation</b>	2 inches outward, 1.5 inches upward
<b>Maximum Tire Size</b>	Up to 33 inches
<b>Compatible Bolt Patterns</b>	5x5 and 5x4.5
<b>Item Weight</b>	Approximately 5.68 pounds
<b>Package Dimensions</b>	Approximately 7.83 x 6.5 x 5 inches

## 9. WARRANTY AND SUPPORT

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For specific warranty information regarding your WeiSen Spare Tire Carrier Spacer Kit, please refer to the documentation

included with your purchase or visit the official WeiSen website. Warranty terms typically cover manufacturing defects.

If you encounter any issues during installation or operation, or if you require technical assistance, please contact WeiSen customer support through their official channels. Be prepared to provide your product model number (70DA120002) and purchase details.

**WeiSen Official Store:** [Visit the WeiSen Store on Amazon](#)

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This manual is for informational purposes only. Always follow proper safety procedures when working on your vehicle.