

COMET 2523-L1, FG2523L10000

Instruction Manual

COMET RETRACTABLE STEP STOOL CASTER

Models: 2523-L1, FG2523L10000

1. PRODUCT OVERVIEW

The COMET 2523-L1 / FG2523L10000 is a retractable step stool caster specifically designed for use with Rubbermaid Stepstools models 2523, 2523-31, 2523-38, and 2524-1. This caster features a unique retractable mechanism: when weight is applied to the step stool, the caster retracts, allowing the stool to rest firmly on its outer rim for stability. When the weight is removed, the caster extends, enabling easy movement of the stool. Each caster is designed to contribute to a maximum weight capacity of 350 lbs for a complete set, aligning with GSA standards for the compatible stepstools.



Image: A single black retractable step stool caster, showing the wheel, the main body, the spring, and the top pin for insertion. This component is crucial for the mobility and stability of compatible step stools.

Package Contents:

- 1 x Retractable Step Stool Caster
- 1 x Retraction Spring (pre-assembled or separate, as per design)

2. INSTALLATION GUIDE

Before Installation:

- Ensure the step stool is clean and free from debris in the caster mounting holes.
- Verify that the caster model (2523-L1 / FG2523L10000) is compatible with your Rubbermaid Stepstool (2523, 2523-31, 2523-38, 2524-1).
- Wear appropriate safety gloves if desired.

Installation Steps:

1. **Prepare the Step Stool:** Invert the step stool to expose the caster mounting holes on the underside.
2. **Align the Caster:** Take one caster and align its top pin with an empty mounting hole on the step stool. Ensure the spring is correctly positioned around the pin.
3. **Insert the Caster:** Firmly push the caster's pin into the mounting hole until it is fully seated. You may

hear a click as it locks into place.

4. **Repeat for All Casters:** Install the remaining casters into their respective mounting holes following the same procedure.
5. **Test Installation:** Once all casters are installed, turn the step stool upright. Apply light pressure to the top of the stool to ensure the casters retract properly. When pressure is removed, the casters should extend.

3. OPERATING PRINCIPLES

The COMET retractable step stool caster operates on a simple yet effective mechanism. When the step stool is not in use or is being moved, the casters are extended, allowing the stool to roll freely across surfaces. This facilitates easy repositioning of the stool without lifting.

Upon applying weight to the step stool (e.g., when a user steps onto it), the internal spring mechanism of the caster compresses. This causes the caster wheel to retract upwards, lifting the wheel off the ground. The step stool then settles firmly onto its stable outer rim, providing a secure and non-moving platform for the user. When the weight is removed, the spring decompresses, and the caster extends back down, allowing the stool to be moved again.

4. CARE AND MAINTENANCE

To ensure the longevity and optimal performance of your COMET retractable step stool casters, follow these simple maintenance guidelines:

- **Regular Cleaning:** Periodically inspect the caster wheels and axles for accumulated dirt, dust, hair, or debris. Clean with a damp cloth. Avoid harsh chemicals that may damage the plastic material.
- **Lubrication:** Lightly lubricate the axle of the wheel and the spring mechanism with a silicone-based spray lubricant if you notice any stiffness or squeaking. Do not over-lubricate.
- **Inspection:** Regularly check the casters for any signs of wear, cracks, or damage to the wheel, housing, or spring. Ensure the caster is securely seated in the step stool's mounting hole.
- **Storage:** Store the step stool in a clean, dry environment when not in use to prevent premature wear or corrosion.

5. TROUBLESHOOTING

If you encounter issues with your COMET retractable step stool casters, refer to the table below for common problems and their solutions.

Problem	Possible Cause / Solution
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Problem	Possible Cause / Solution
Caster does not retract when weight is applied.	<ul style="list-style-type: none"> Debris or obstruction in the retraction mechanism. <i>Solution: Clean the caster thoroughly.</i> Damaged or worn spring. <i>Solution: Replace the caster.</i> Caster not fully seated in the step stool. <i>Solution: Re-insert the caster firmly.</i>
Caster does not extend when weight is removed.	<ul style="list-style-type: none"> Debris or obstruction preventing extension. <i>Solution: Clean the caster thoroughly.</i> Damaged or stuck spring. <i>Solution: Replace the caster.</i>
Step stool is difficult to move.	<ul style="list-style-type: none"> Wheels are dirty or obstructed. <i>Solution: Clean the wheels and axles.</i> Axle needs lubrication. <i>Solution: Apply a small amount of silicone lubricant to the axle.</i> Damaged wheel. <i>Solution: Replace the caster.</i>
Caster falls out of the step stool.	<ul style="list-style-type: none"> Caster not fully inserted during installation. <i>Solution: Re-insert the caster firmly until it clicks.</i> Mounting hole or caster pin is damaged. <i>Solution: Inspect both; replace caster or step stool if damaged.</i>

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Numbers	2523-L1, FG2523L10000
Brand	COMET
Compatibility	Rubbermaid Stepstools 2523, 2523-31, 2523-38, 2524-1
Wheel Diameter	Approximately 1-1/2 inches
Wheel Width	Approximately 5/8 inches



Feature	Detail
Total Length	Approximately 4-3/8 inches
Material	Plastic
Color	Black
Item Weight (per caster)	2 ounces
Unit Count	1.0 Count (per package)
Maximum Weight Capacity	350 lbs (for a complete set of casters on a compatible stepstool)




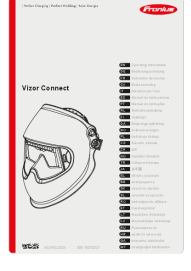
7. WARRANTY AND SUPPORT

Specific warranty details for the COMET 2523-L1 / FG2523L10000 retractable step stool caster are not provided in this manual. For information regarding warranty coverage, returns, or technical support, please contact the manufacturer, COMET, directly through their official website or customer service channels. Please have your product model number (2523-L1 or FG2523L10000) and purchase information ready when contacting support.

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Related Documents - 2523-L1, FG2523L10000

	<p>Comet VRX-GXD High Pressure Piston Pump: Use and Maintenance Manual</p> <p>Comprehensive use and maintenance manual for Comet VRX-GXD series high-pressure piston pumps, covering specifications, operation, safety, troubleshooting, and maintenance procedures.</p>
	<p>Clas Ohlson AEW510A Retro FM Radio User Manual</p> <p>User manual for the Clas Ohlson AEW510A FM Radio with a retro design. Features include FM/MW reception, wood casing, and detailed operating instructions, safety guidelines, and technical specifications.</p>

 <p>Algemeine Aufbauanleitung FINNHAUS</p> <p>Saunahäuser 70 mm</p>	<p>Finnhaus Wolff Saunahaus 70 mm: Allgemeine Aufbauanleitung und Montagehinweise</p> <p>Umfassende Anleitung für den Aufbau und die Montage von Finnhaus Wolff Saunahäusern (70 mm Serie), inklusive Pflegehinweisen, Holzmerkmalen und einem separaten Merkblatt zur Vermeidung von Schimmelpilzbefall an Außenflächen.</p>
 <p>marta</p> <p>HEIZKÖRPER HEIZÖL MT-2523</p>	<p>Marta MT-2523 Fan Heater User Manual and Safety Guide</p> <p>Comprehensive user manual and safety guide for the Marta MT-2523 fan heater, covering operation, maintenance, and safety precautions.</p>
 <p>RADEX MR107+</p> <p>Indikator für Radonkonzentration</p> <p>RADEX MR107+ ist ein elektronisches Messgerät zur Messung der Radonkonzentration in der Luft.</p>	<p>Индикатор радона RADEX MR107+: Руководство пользователя и технические характеристики</p> <p>Руководство пользователя и технические характеристики индикатора радона QUARTA RADEX MR107+. Узнайте о функциях измерения концентрации радона (Rn-222), температуры и влажности в жилых помещениях. Включает настройку, эксплуатацию, зарядку, нормы радиационной безопасности и технические данные.</p>
 <p>Fronius</p> <p>Vzor Connect</p> <p>Welding helmet</p>	<p>Fronius Vzor Connect: Operating Instructions and Quick Start Guide</p> <p>Discover the Fronius Vzor Connect, an auto-darkening welding helmet offering superior eye, face, and neck protection. This guide covers setup, features like Bluetooth connectivity, safety protocols, and technical specifications for professional welders.</p>