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› Shepherd Softech Series 50mm Diameter Soft Tread Unhooded Twin Thermoplastic Elastomer Wheel Swivel Caster Instruction Manual

Shepherd 104631M

Shepherd Softech Series 50mm Diameter Soft Tread Unhooded Twin Thermoplastic Elastomer Wheel Swivel Caster

Model: 104631M | **Brand:** Shepherd

INTRODUCTION

This manual provides essential information for the proper setup, operation, and maintenance of your Shepherd Softech Series 50mm Diameter Soft Tread Unhooded Twin Thermoplastic Elastomer Wheel Swivel Caster. Designed for quiet mobility and high load ratings, this caster is ideal for various applications including electronic equipment, medical equipment, audio/visual equipment, and furniture.

The caster features a soft 70-75/A durometer tread constructed of high-tech thermoplastic elastomer and a riveted axle for positive wheel retention.

PRODUCT OVERVIEW



Figure 1: Shepherd Softech Series 50mm Diameter Soft Tread Unhooded Twin Thermoplastic Elastomer Wheel Swivel Caster. This image displays the caster with its gray thermoplastic elastomer twin wheels and a silver square mounting plate. The plate features four pre-drilled holes for secure attachment.

SETUP AND INSTALLATION

The Shepherd Softech Series caster is designed for plate fastening. Follow these general steps for installation:

1. **Prepare Mounting Surface:** Ensure the mounting surface is clean, flat, and strong enough to support the caster's load capacity.
2. **Align Plate:** Position the caster's square mounting plate (1-1/2" Length x 1-1/2" Width) on the desired location. The plate has four holes for attachment.
3. **Mark Holes:** Use the plate holes as a template to mark the drilling locations on your equipment or furniture. The mounting holes are 3/16-inches in diameter.
4. **Drill Pilot Holes:** Drill pilot holes appropriate for your chosen fasteners (screws, bolts, etc.) at the marked locations.
5. **Secure Caster:** Attach the caster securely using suitable fasteners. Ensure all fasteners are tightened to prevent wobbling or instability.
6. **Verify Swivel:** After installation, check that the caster swivels freely. The swivel radius is 1-13/16 inches. The total mounting height is 2-3/8 inches.

Note: Always use appropriate safety gear during installation.

OPERATING INSTRUCTIONS

This caster is designed for smooth and quiet mobility. To operate effectively:

- **Load Capacity:** Do not exceed the dynamic load capacity of 75 pounds per caster. Overloading can lead to premature wear or failure.
- **Surface Considerations:** While the soft thermoplastic elastomer tread provides quiet operation and floor protection, avoid rolling over sharp objects or highly abrasive surfaces that could damage the wheels.
- **Swivel Function:** The swivel mechanism allows for easy directional changes. Ensure the swivel path is clear of obstructions.

MAINTENANCE

Regular maintenance helps prolong the life and performance of your caster:

- **Cleaning:** Periodically clean the wheels and swivel mechanism to remove dust, dirt, hair, or debris that may impede movement. Use a damp cloth; avoid harsh chemicals.
- **Inspection:** Regularly inspect the wheels for signs of wear, cracks, or damage to the tread. Check the mounting plate and fasteners for tightness. Re-tighten if necessary.
- **Lubrication:** The riveted axle is designed for positive wheel retention and generally does not require lubrication. However, if the swivel action becomes stiff over time, a small amount of silicone-based lubricant can be applied to the swivel raceway, avoiding contact with the wheel tread.

TROUBLESHOOTING

If you encounter issues with your caster, consider the following common solutions:

- **Caster Not Rolling Smoothly:**
 - Check for debris (hair, string, dirt) wrapped around the axle or stuck in the wheels. Clean thoroughly.
 - Inspect the wheel tread for damage or flat spots.
 - Ensure the mounting plate is securely fastened and not warped.
- **Caster Not Swiveling Freely:**
 - Check for obstructions around the swivel mechanism.
 - Clean any accumulated dirt or debris from the swivel raceway.
 - Apply a small amount of silicone lubricant to the swivel raceway if stiffness persists.
- **Excessive Noise:**
 - Verify that the caster is not overloaded.
 - Check for loose fasteners on the mounting plate.
 - Inspect wheels for damage or uneven wear.

If problems persist, contact the manufacturer or seller for further assistance.

SPECIFICATIONS

Feature	Specification
Model Number	104631M
Brand	Shepherd
Wheel Diameter	50mm
Tread Material	Thermoplastic Elastomer (70-75/A durometer)
Caster Type	Twin Wheel Swivel Caster, Unhooded
Mounting Type	Plate Fasteners
Plate Dimensions	1-1/2" Length x 1-1/2" Width
Mounting Hole Diameter	3/16 inches
Swivel Radius	1-13/16 inches
Mounting Height	2-3/8 inches
Dynamic Load Capacity	75 pounds
Item Weight	0.25 Pounds
Color	Gray

WARRANTY INFORMATION

Specific warranty details for the Shepherd Softech Series caster are not provided in this manual. For information regarding product warranty, please refer to the original product packaging, contact the retailer from whom you purchased the product, or visit the official Shepherd Caster Corporation website.

SUPPORT AND CONTACT

If you require further assistance, have questions about your Shepherd Softech Series caster, or need to report an issue, please contact:

- The retailer or seller from whom you purchased the product.
- Shepherd Caster Corporation directly. Please visit their official website for contact details.

When contacting support, please have your product model number (104631M) and purchase information readily available.