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> DEZEX 16.5FT Telescoping A-Frame Ladder User Manual

DEZEX TeLLadder

DEZEX 16.5FT Telescoping A-Frame Ladder User Manual

Model: TelLadder

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use, setup, operation, and maintenance of your DEZEX 16.5FT Telescoping A-Frame Ladder. Please read this manual thoroughly before using the ladder and retain it for future reference. Proper understanding and adherence to these guidelines are crucial for your safety and the longevity of the product.

2. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always inspect the ladder for damage or wear before each use. Do not use if damaged.
- Ensure all locking mechanisms are fully engaged before climbing.
- Place the ladder on a firm, level, non-slip surface. Avoid soft ground, uneven surfaces, or slippery areas.
- Do not exceed the maximum load capacity of **330 lbs (150 KG)**.
- Maintain three points of contact (two hands and one foot, or two feet and one hand) while climbing or descending.
- Do not overreach. Keep your body centered between the side rails.
- When retracting the ladder, ensure your fingers are clear of the telescoping sections to prevent pinching. The multi-button slow-release mechanism is designed to minimize this risk, but caution is still required.
- Do not use the ladder during strong winds, storms, or on icy surfaces.
- Avoid using the ladder near electrical wires or equipment.
- Only one person should be on the ladder at a time.
- When using in extension mode, ensure the ladder is angled correctly (approximately 75 degrees from the horizontal, or a 1:4 ratio of base distance to vertical height).
- Do not stand on the top three rungs when the ladder is in extension mode.

3. COMPONENTS OVERVIEW

Familiarize yourself with the key components of your DEZEX Telescoping A-Frame Ladder:

- **Telescoping Sections:** Individual ladder segments that extend and retract.
- **Safety Locks:** Mechanisms on each rung that secure the extended sections.
- **Hinge Mechanism:** Allows conversion between A-frame and straight ladder configurations.
- **Balance Bar:** Provides additional stability at the base.
- **Wheels:** Integrated into the balance bar for easy transport when folded.
- **Anti-Skidding Handle:** For comfortable and secure carrying.
- **Fixed Belt:** Secures the ladder in its folded, compact state.
- **Non-Slip Rubber Feet:** Enhance grip and prevent slipping on various surfaces.



Figure 1: Key components of the DEZEX Telescoping A-Frame Ladder.

4. SETUP

4.1 Unfolding and Extending (A-Frame Configuration)

1. Place the folded ladder on a flat, stable surface.
2. Release the fixed belt that secures the ladder in its compact form.
3. Gently pull the two sides of the ladder apart to form an 'A' shape. Ensure the hinge mechanism locks securely into the A-frame position.

4. Starting from the bottom, extend each section of both sides of the ladder upwards, one rung at a time. Ensure that the safety locks on each rung click into place, indicating they are fully engaged.
5. Verify that all sections are locked before climbing.

4.2 Extending (Straight/Extension Configuration)

1. Ensure the ladder is in the A-frame configuration or fully collapsed.
2. To convert to a straight ladder, fully extend one side of the A-frame, then carefully extend the other side until the hinge mechanism allows the ladder to straighten. Ensure the hinge locks into the straight position.
3. Extend sections one by one from the bottom upwards, ensuring each safety lock engages. Do not extend from the top.
4. Always ensure the ladder is stable and properly angled against a secure surface before use.



Figure 2: Self-locking mechanism and operation steps.

5. OPERATING THE LADDER

5.1 General Use Guidelines

- Always face the ladder when climbing or descending.
- Wear appropriate footwear with good grip.
- Avoid carrying heavy or bulky items that could cause you to lose balance.
- Do not use the ladder as a bridge or scaffold unless specifically designed for such use.

5.2 Retracting the Ladder

1. Ensure no one is on the ladder and it is on a stable surface.
2. Locate the multi-button slow-release mechanism on each rung.
3. Press the retraction buttons on each section simultaneously (or as instructed by the specific mechanism) to allow the sections to lower smoothly and slowly.
4. Keep hands and fingers clear of the collapsing sections.
5. Once fully retracted, secure the ladder with the fixed belt for storage.

Slower Decline



Safety Lock



Hinges and Joints

Figure 3: Slow decline feature and safety lock detail.



Large safety Hinge

One pull to unlock the big joint
The angle can be changed
according to your usage needs



LOCKED

UNLOCKED

Figure 4: Large safety hinge mechanism.

6. MAINTENANCE

- **Cleaning:** Wipe down the ladder with a damp cloth to remove dirt, grease, or debris. Avoid harsh chemicals that could damage the material.
- **Inspection:** Regularly check all parts for signs of wear, damage, or corrosion. Pay close attention to the locking mechanisms, hinges, balance bar, and rubber feet.
- **Lubrication:** If any moving parts (e.g., hinges) become stiff, apply a small amount of silicone-based lubricant.
- **Storage:** Store the ladder in a dry, cool place, away from direct sunlight and extreme temperatures. Ensure it is secured in its folded position to prevent accidental extension.

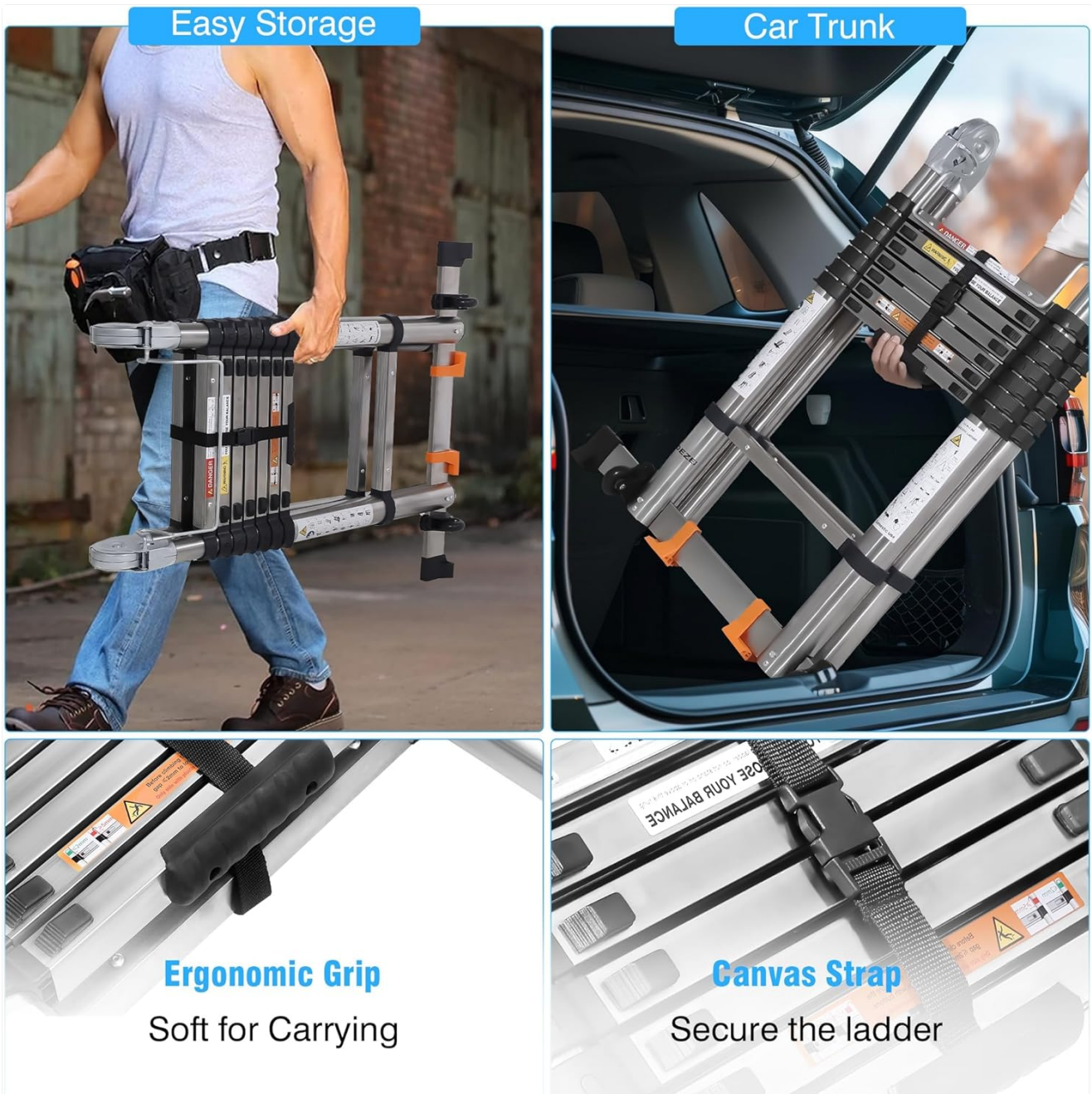


Figure 5: Easy storage and transport features.

7. TROUBLESHOOTING

- **Ladder sections not extending/retracting smoothly:** Check for any debris or obstructions in the telescoping mechanism. Ensure the release buttons are fully pressed during retraction. Clean the sections if necessary.
- **Safety locks not engaging:** Ensure each section is fully extended until you hear a distinct click. If a lock still doesn't engage, do not use that section and inspect for damage.
- **Ladder feels unstable:** Verify that the ladder is placed on a firm, level surface. Ensure the balance bar is properly installed and the non-slip feet are making full contact with the ground. Check that all sections are locked.
- **Hinge mechanism is stiff:** Apply a small amount of silicone lubricant to the hinge points.

8. SPECIFICATIONS

Feature	Detail
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Brand	DEZEX
Model Number	TelLadder
Material	Metal (Stainless Steel)
Maximum Height	16.5 Feet
Load Capacity	330 lbs (150 KG)
Product Dimensions (Folded)	20.67"W x 36.61"H
Special Features	Extendable, Foldable, Heavy Duty, Multi-Position, Telescopic, Anti-Slip Balance Bar, Wheels, Multi-Button Slow-Release



Figure 6: Ladder dimensions and load capacity.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product packaging or contact the retailer from whom you purchased this DEZEX Telescoping A-Frame Ladder. Keep your purchase receipt as proof of purchase.