CONDOR SL-7000

CONDOR Self-Loader for Motorcycles Instruction Manual

Model: SL-7000

Introduction

This manual provides detailed instructions for the safe and efficient use of the CONDOR Self-Loader for Motorcycles, specifically the kit designed for Dynamic 601 & Recovery Solutions 400 Series. The Self-Loader is engineered to facilitate the secure transport of various motorcycle types and sizes, requiring only one operator. Its patented adjustable wheel locking mechanism ensures the motorcycle remains upright and stable, minimizing the need for excessive tie-down tension that could damage suspension components.
Proper understanding and adherence to these instructions will ensure optimal performance and longevity of your CONDOR Self-Loader.

Safety Information

Always prioritize safety when operating the CONDOR Self-Loader. Failure to follow safety guidelines can result in injury or damage to equipment.

- Ensure the self-loader is securely attached to the wrecker's self-loader system before loading any motorcycle.
- Verify all locking pins and fasteners are properly engaged and tightened.
- Use appropriate tie-downs to secure the motorcycle. While the self-loader provides stability, tie-downs are crucial for transport.
- Do not exceed the weight capacity of the self-loader or the wrecker's system.
- Keep hands and feet clear of moving parts during loading and unloading.
- Perform regular inspections for wear, damage, or loose components.

Components Overview

The CONDOR Self-Loader kit includes the main wheel chock assembly and the ramp/platform extension.

Figure 1: Main components of the CONDOR Self-Loader, showing the wheel chock assembly on the left and the ramp/platform extension on the right.

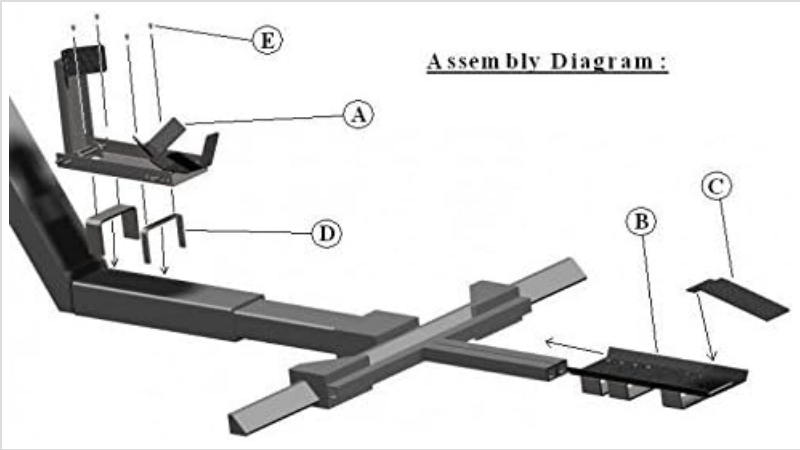

Figure 2: Exploded view assembly diagram. (A) Wheel Chock Assembly, (B) Platform Base, (C) Ramp, (D) U-bolts for securing, (E) Pins for adjustment.

Setup and Installation

Follow these steps to properly set up and install the CONDOR Self-Loader onto your wrecker's system.

1. **Prepare the Wrecker:** Position the wrecker's self-loader arm in a stable, level position suitable for attachment.
2. **Attach the Platform Base:** Securely attach the platform base (B) to the wrecker's self-loader arm using the appropriate mounting hardware provided or compatible with your wrecker. Ensure it is centered and stable.
3. **Install the Wheel Chock Assembly:** Slide the wheel chock assembly (A) onto the platform base. Adjust its position to accommodate the motorcycle's wheelbase. Secure it using the provided pins (E) and U-bolts (D) to prevent movement during operation.
4. **Attach the Ramp:** Connect the ramp (C) to the end of the platform base. This ramp facilitates easy loading and unloading of the motorcycle.
5. **Final Check:** Before use, double-check all connections, pins, and bolts to ensure they are tight and secure.

Figure 3: The CONDOR Self-Loader fully installed and extended from the rear of a wrecker, ready for motorcycle loading.

Operating Instructions

Loading a Motorcycle:

1. **Position the Self-Loader:** Extend the wrecker's self-loader arm and position the CONDOR Self-Loader on a level, stable surface.
2. **Adjust Wheel Chock:** Adjust the wheel chock's front cradle to match the diameter of the motorcycle's front wheel. This is done by repositioning the pins.
3. **Roll Motorcycle On:** Carefully roll the motorcycle onto the self-loader, guiding the front wheel into the wheel chock. The patented locking mechanism will engage, holding the motorcycle upright.
4. **Secure with Tie-Downs:** Once the motorcycle is securely held by the chock, attach appropriate tie-downs to the motorcycle and the self-loader's anchor points. Tighten the tie-downs just enough to prevent lateral movement; excessive tightening is not required due to the chock's stability.

Figure 4: A motorcycle positioned and secured on the CONDOR Self-Loader, demonstrating the upright stability provided by the wheel chock.

Figure 5: A close-up view of a motorcycle's front wheel securely cradled within the CONDOR Self-Loader's wheel chock, illustrating the stability it provides.

Figure 6: The rear wheel of a motorcycle resting on the platform extension of the CONDOR Self-Loader, with tie-downs attached for transport.

Unloading a Motorcycle:

1. **Position for Unloading:** Extend the wrecker's self-loader arm and position the CONDOR Self-Loader on a level, stable surface.
2. **Release Tie-Downs:** Carefully release all tie-downs securing the motorcycle. The self-loader will continue to hold the motorcycle upright.
3. **Roll Motorcycle Off:** Gently roll the motorcycle backward out of the wheel chock. The chock will release the wheel as it exits.
4. **Retract Self-Loader:** Once the motorcycle is safely off the self-loader, retract the wrecker's self-loader arm.

Figure 7: A motorcycle fully secured on the CONDOR Self-Loader, demonstrating its readiness for transport by a wrecker.

Maintenance

Regular maintenance ensures the longevity and safe operation of your CONDOR Self-Loader.

- **Cleaning:** Clean the self-loader regularly to remove dirt, grime, and road debris. Use a mild detergent and water, then dry thoroughly.
- **Lubrication:** Periodically lubricate all pivot points and moving parts with a suitable grease or lubricant to ensure smooth operation and prevent rust.
- **Inspection:** Before each use, inspect the self-loader for any signs of wear, damage, cracks, or loose fasteners. Pay close attention to welds, pins, and the wheel chock mechanism.
- **Fasteners:** Check and tighten all bolts, nuts, and pins regularly. Replace any worn or damaged fasteners immediately.

- **Storage:** When not in use, store the self-loader in a dry, protected area to prevent corrosion.

Troubleshooting

Problem	Possible Cause	Solution
Motorcycle not stable in chock	Incorrect chock adjustment; improper loading angle.	Adjust the front cradle of the wheel chock to match the wheel size. Ensure the motorcycle is rolled straight into the chock.
Difficulty engaging/disengaging wheel	Lack of lubrication; debris in mechanism.	Clean the wheel chock mechanism and lubricate all moving parts. Check for any obstructions.
Excessive movement during transport	Insufficient tie-down tension; loose self-loader attachment.	Ensure tie-downs are snug (not overtightened). Verify the self-loader is securely attached to the wrecker's arm.

Specifications

- **Model:** SL-7000
- **Compatibility:** Designed for Dynamic 601 & Recovery Solutions 400 Series wrecker self-loaders.
- **Material:** Heavy-duty steel construction.
- **Wheel Chock:** Patented adjustable wheel locking mechanism.
- **Operation:** Single-operator loading/unloading.

Warranty and Support

For warranty information or technical support regarding your CONDOR Self-Loader, please refer to the manufacturer's official website or contact their customer service department.
Manufacturer: T.C. Development and Design, Inc.
For further assistance, you may visit the CONDOR Store on Amazon.


SUPPLEMENTAL FRONT ASSEMBLY MANUAL
FOR THE CONDOR® SELF-LOADER (SL-7000)

STOP! WARNING: READ THIS FIRST!

Front Assembly Instructions:

Self-Loader (SL-7000) Bracket & Hole Placement Illustration

[pdf] User Manual Instructions Troubleshooting Guide Diagram Label

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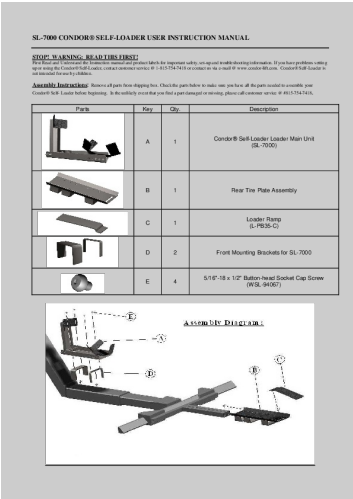
SL-7000 CONDOR® SELF-LOADER USER INSTRUCTION MANUAL

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Assembly Instructions:

Parts	Key	Qty.	Description
	A	1	Condor® Self-Loader Loader Main Unit (SL-7000)
	B	1	Rear Tire Plate Assembly
	C	1	Loader Ramp (L-PR35-C)
	D	2	Front Mounting Brackets for SL-7000
	E	4	5/16"-18 x 1/2" Button-head Socket Cap Screw (W3L-94067)

Assembly Diagram:

[pdf] User Manual Instructions Troubleshooting Guide Borchure Diagram Catalog Label

376 377 000M 000i 000c 000r 000o 000s 000f 000t 000 000W 000d 000S 000L 0007 0000 000e 000l 000a 000n 000u 000N 000w 0008 Preferred User SL 7000 CONDOR® SELF LOADER USER INSTRUCTION MANUAL First Read and Understand the Instruction manual product labels for important safety set up troubleshooting information If you have problems setting or using Condor® Self Loader contact customer service @ 1 815 754 7418 us via e mail condor lift is not intended use by children Recommendations supplied with Condor TM Wheel Chock additional 4 Slide Rear Support Plate Assembly B over both L arms Depending on length of bike being transported it may slide completely be cantilevered further back front mounting tubes STOP! WARNING READ THIS FIRST! cp sl7000 c301ex manuald277185459ba668cbcc4ff0000ad64cd manualac8f185459ba668cbcc4ff0000ad64cd sl7000manual 408ren SL7000 Manual zips docs default source parts brochures 2020 07 sfvrsn efd47e15 2 image catalog

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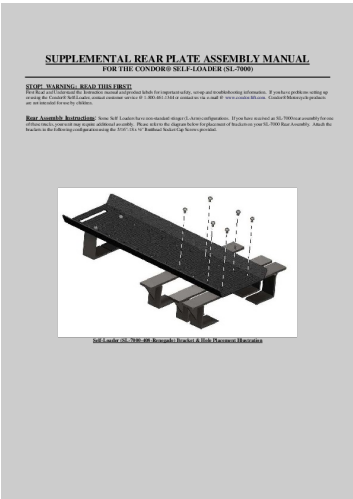
SUPPLEMENTAL REAR PLATE ASSEMBLY MANUAL
FOR THE CONDOR® SELF-LOADER (SL-7000)

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Rear Assembly Instructions:

Self-Loader (SL-7000-400 Renegade) Bracket & Hole Placement Illustration

[pdf] User Manual Instructions Troubleshooting Guide Borchure Diagram Catalog Label

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SUPPLEMENTAL FRONT ASSEMBLY MANUAL
FOR THE CONDOR® SELF-LOADER (SL-7000)

[pdf] User Manual Instructions Troubleshooting Guide Specifications Borchure Diagram Catalog Label

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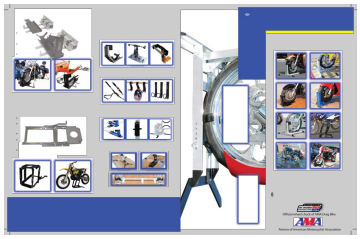

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