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› [VINGLI](#) /

› VINGLI 14 FT Inground Swimming Pool Solar Cover Reel Set Instruction Manual

VINGLI PoolCoverReel-2

VINGLI 14 FT Inground Swimming Pool Solar Cover Reel Set Instruction Manual

Model: PoolCoverReel-2

IMPORTANT SAFETY INFORMATION

WARNING: Keep pool cover away from children to prevent entrapment or drowning hazards. Always supervise children around the pool. Follow proper installation and maintenance instructions to prevent tripping hazards and damage to the pool.

PRODUCT OVERVIEW

The VINGLI Pool Cover Reel Set is designed for inground swimming pools, providing a convenient method for managing your solar cover. This reel system helps reduce water evaporation, maintain pool temperatures, and keep debris out of the pool, simplifying overall pool maintenance.



Figure 1: VINGLI Pool Cover Reel Set, featuring a yellow and black hand crank and wheels.

Key Features:

- **Adjustable Width:** Suitable for inground pools from 3 feet to 18 feet wide. The 7-section aluminum tube design allows for width adjustment by using all or part of the sections.
- **Durable Construction:** Features 7-section aluminum pipes and stainless steel legs for stability and rust resistance.
- **Grooved Reel Tube:** Designed to prevent cover straps from slipping off during operation.
- **Easy Operation:** Equipped with a single hand crank for smooth rolling and unrolling of the pool cover.
- **Enhanced Portability:** Two wheels facilitate easy movement of the reel.
- **Secure Locking Mechanism:** A mechanical lock secures the roller in place.

COMPONENTS LIST

Before assembly, ensure all components are present and undamaged. Refer to the packaging for a complete list of parts. Key components include:

- Aluminum Tube Sections (7 sections)
- End Stands with Wheels

- Hand Crank Assembly
- Locking Knob
- Cover Straps with Clips
- Anti-slip Leg
- Assembly Hardware (screws, bolts, etc.)

PRODUCT DETAILS



Wheel with 1 Hand Crank



Clips to Connect the Cover



Grooved Reel Tube



Full Solid Tires



Anti-slip Leg



Convenience Handles

Figure 2: Detailed view of the reel's components, including the hand crank, cover clips, grooved reel tube, solid tires, anti-slip leg, and convenience handles.

SETUP AND ASSEMBLY

Assembly requires careful attention to detail. It is recommended to have two people for easier assembly.

1. **Unpack Components:** Carefully remove all parts from the packaging and lay them out. Verify all components are present against the parts list provided in your product box.
2. **Assemble Tube Sections:** Connect the aluminum tube sections. The design features specific grooves for alignment. Ensure the grooves on each section are correctly aligned for a secure fit.

How to get the poles line up correctly?

1. There is only one alignment of the grooves on each that works.

Look at the shapes of the grooves on the larger one to see how to slot them

2. Remember to use screws to sturdy the pole, some screws no need pass through the holes because the screws is use to sturdy the pole and prevent it sag



Figure 3: Correct alignment of the aluminum tube sections. Observe the shape of the grooves on the larger section to ensure proper slotting.

3. **Attach End Stands:** Secure the end stands to the assembled tube. The end stand with the hand crank should be positioned on one side, and the anti-slip leg on the other.
4. **Install Wheels:** Attach the solid tires to the wheeled end stand.
5. **Adjust Width:** Determine the appropriate number of tube sections for your pool's width (3 to 18 feet). For a 14-foot pool, use all 7 tubes with approximately 1.7 feet of overlap. For a 15-foot pool, use all 7 tubes with 1.5 feet of overlap. For pools less than 12 feet, 5 tubes may be sufficient.
6. **Secure with Screws:** Use the provided screws to sturdy the poles. Some screws may not pass through pre-drilled holes but are intended to prevent sagging.
7. **Attach Cover Straps:** Connect the cover straps to the grooved reel tube. The grooved design helps prevent straps from falling off.



HIGHER QUALITY



SOLID TIRES

Large full solid tires, more stable, not easy to fall into the pool



GROOVED REEL

Grooved reel tube design to avoid straps fall off

VS

Others:



- Plastic wheel, too light and easy to fall into the pool



- Velcro straps is really easy to fall off

Figure 4: Illustration highlighting the solid tires for stability and the grooved reel tube design to secure cover straps.

8. **Connect Pool Cover:** Attach your solar pool cover to the straps using the provided clips. Ensure the cover is evenly distributed and securely fastened.



Figure 5: Dimensions of the VINGLI cover clip (3.15 inches long, 1.97 inches wide).

OPERATING INSTRUCTIONS

The VINGLI Pool Cover Reel is designed for ease of use, often allowing for single-person operation.

1. Unrolling the Cover:

- Ensure the mechanical lock on the reel is disengaged.
- Gently pull the pool cover across the pool. The reel will rotate, allowing the cover to unroll smoothly.
- For large covers, it may be easier to unroll half the cover, let it settle, and then unroll the rest.

2. Rolling Up the Cover:

- Ensure the cover is free from obstructions.

- Turn the hand crank clockwise to begin rolling the cover onto the reel.
- Maintain a steady pace to ensure the cover rolls up evenly.
- Once the cover is fully rolled, engage the mechanical lock to secure the reel.



Figure 6: The locking knob used to secure the reel and prevent unwanted movement.

3. Moving the Reel:

- The reel features two wheels for portability. Lift the end with the anti-slip leg and use the wheels to move the reel to your desired storage location.



Figure 7: The reel is designed for easy operation, allowing for effortless rolling of the pool cover.

MAINTENANCE

Regular maintenance will extend the life of your VINGLI Pool Cover Reel.

- **Cleaning:** Clean the reel and its components with mild soap and water as needed. Rinse thoroughly to remove any soap residue.
- **Inspection:** Periodically inspect all connections, screws, and straps for wear or damage. Tighten any loose screws.
- **Storage:** During off-season or extended periods of non-use, store the reel in a dry, protected area to prevent exposure to harsh weather conditions.
- **Strap Replacement:** If cover straps show signs of significant wear or damage, replace them promptly to ensure secure attachment of the pool cover.

TROUBLESHOOTING

This section addresses common issues you might encounter with your pool cover reel.

Problem	Possible Cause	Solution
Reel sags in the middle.	Excessive weight from a wet cover; improper assembly of tube sections.	Ensure tube sections are correctly aligned and secured. If the cover is very heavy, consider rolling it up in sections or ensuring the pool cover is not excessively waterlogged.
Screws become loose or fall out.	Vibration during use; insufficient tightening during assembly.	Regularly check and tighten all screws. If screws continue to loosen, consider applying thread locker. Ensure all screws are properly installed during assembly, even those not passing through pre-drilled holes, as they contribute to stability.
Cover straps fall off the reel.	Straps not properly secured; reel tube not grooved.	Ensure straps are correctly inserted into the grooved reel tube. Verify that your reel model has the grooved design for strap retention.
Difficulty rolling/unrolling cover.	Mechanical lock engaged; debris obstructing movement; uneven cover attachment.	Disengage the mechanical lock. Clear any debris from the reel path. Re-adjust cover straps to ensure even tension.

SPECIFICATIONS

- **Brand:** VINGLI
- **Model Name:** Pool Cover Reel
- **Model Number:** PoolCoverReel-2
- **Size:** 14 FT (Adjustable for pools 3 FT to 18 FT wide)
- **Material:** Stainless Steel, Aluminum
- **Product Dimensions:** 157 inches (Width)
- **Item Weight:** 34.6 pounds
- **Installation Type:** Reel
- **Closure Type:** Strap & Lock
- **Special Feature:** Inground Pool Compatibility
- **UPC:** 611890867651

WARRANTY AND SUPPORT

VINGLI stands behind its products and offers support for your Pool Cover Reel.

- **Warranty:** This product includes a 12-month quality service warranty.
- **Customer Service:** For any issues or inquiries, VINGLI provides 24/7 professional customer service. Please refer to your purchase documentation or the VINGLI official website for contact details.



We Stand Behind Our Products

VINGLI cares your shopping experience, contact us for satisfied solution if you have any issue.



12-Months
Quality Service



24/7 Professional
Customer Service

Figure 8: VINGLI customer support information.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

