



Quick Release Rain Cover

User Manual

Table of Contents

1. About This Manual.....	01
2. Product Description	02
3. Safety Notices.....	03
4. Specifications.....	03
5. In The Box	04
6. Installation	06
6.1 With Protective Safety Collar	
6.2 Without Protective Safety Collar	
7. Usage	25
8. Maintenance.....	27
9. Removal and Storage	28
10. Warranty	29

1. About This Manual

This manual provides important information about the T1 Pro Rain Cover, including installation instructions, usage guidelines, maintenance procedures, and safety precautions. Please read this manual carefully before installing or using the Rain Cover and keep it for future reference.

2. Product Description



The T1 Pro Rain Cover provides comprehensive protection for your cargo box against various weather conditions including rain, dust, wind, sun, and insects. With its quick-release design, reflective trim for enhanced visibility, and versatile configuration options, the Rain Cover ensures a comfortable and worry-free riding experience in all weather conditions.

3. Safety Notices

Warning!

- Ensure proper installation of the Rain Cover before riding to prevent any obstruction to visibility or interference with moving parts.
- Make sure the Rain Cover does not interfere with braking, pedaling, or steering of the bicycle.
- Do not attach additional luggage or heavy items to the Rain Cover.
- The Rain Cover's plastic windows should be kept clean for optimal visibility.
- Keep the Rain Cover away from sharp objects to avoid damage.
- Keep packaging materials away from children to prevent suffocation hazard.

Caution!

- Do not use high-pressure water jets or abrasive cleaners on the Rain Cover as they may damage the material or reduce its water resistance.
- Always secure all fasteners and ensure the frame is properly assembled before riding.
- Do not modify the Rain Cover or its frame, as this could compromise its functionality and safety.

4. Specifications

- Material: Aluminum frame, nylon connectors, waterproof polyester, anti-UV TPU
- Dimensions: 1100mm × 750mm × 560mm
- Weight: 4kg
- Compatible with: TARRAN T1 Pro
- Weather resistance: Protection against rain, wind, dust, UV radiation

5. In The Box



	Component Number	Component Name	Description	Quantity
Frame Components	1	Rear Support Frame	U-shaped support frame.	1
	2	Rear Frame Pieces	Curved vertical frame pieces that make up the rear frame structure.	2
	3	Top Cross Beam	The straight, horizontal bar that forms the top of the frame.	1
	4	Front Frame Pieces	Curved vertical frame pieces that make up the front frame structure.	2
	5	T-shaped Connectors	T-shaped junction pieces that connect vertical frame pieces to the horizontal beam.	2
	6	Connection Brackets Arms	Large L-shaped pieces that attach the frame to the bike's cargo box.* * Only required if Protective Safety Collar is not installed	2
	7	Frame Corner Joints	Curved, small L-shaped connectors that connect the main frame to the Rain Cover.	2

	Component Number	Component Name	Description	Quantity
Cover Components	8	Rain Cover	Rain Cover with integrated bug screen that fits over the assembled frame.	1
	9	Weather Panels	Zip up to the bottom of the Rain Cover to ensure weather resistance.	2
Installation Hardware	10	Long Hex Bolts with Washers	M6 × 45mm Socket Head Cap Screws with washers.	3
	11	Long Hex Bolts	M6 × 18mm Flat Head Hex Socket Cap Screws.	5
	12	Short Hex Bolts	M5 × 8mm Flat Head Hex Socket Cap Screws.	3
	13	Quick-lockNuts	Nuts for securing the Rain Cover to the front of the cargo box, used in conjunction with the long hex bolts with washers.	2
	14	Hex Keys	L-shaped tools for tightening the hex bolts. Included are 4mm and 5mm hex keys.	3
Accessories	15	Sticker	A TARRAN sticker.	1

6. Installation

Preparation

1. Ensure the cargo box is clean and dry before installation.



Note: If your T1 Pro already has the Protective Safety Collar installed, the Connection Bracket Arms are already in place. Follow instructions in 6.2 Installation with Protective Safety Collar section below.

6.1 Installation without Protective Safety Collar

Step 1: Assemble the Rear Frame

1. Connect the two rear frame pieces to a T-shaped connector. The opening should point away from you. A small metal ball will click into place indicating the connection is secure.



2. Connect the rear support frame to the assembled rear frame piece.

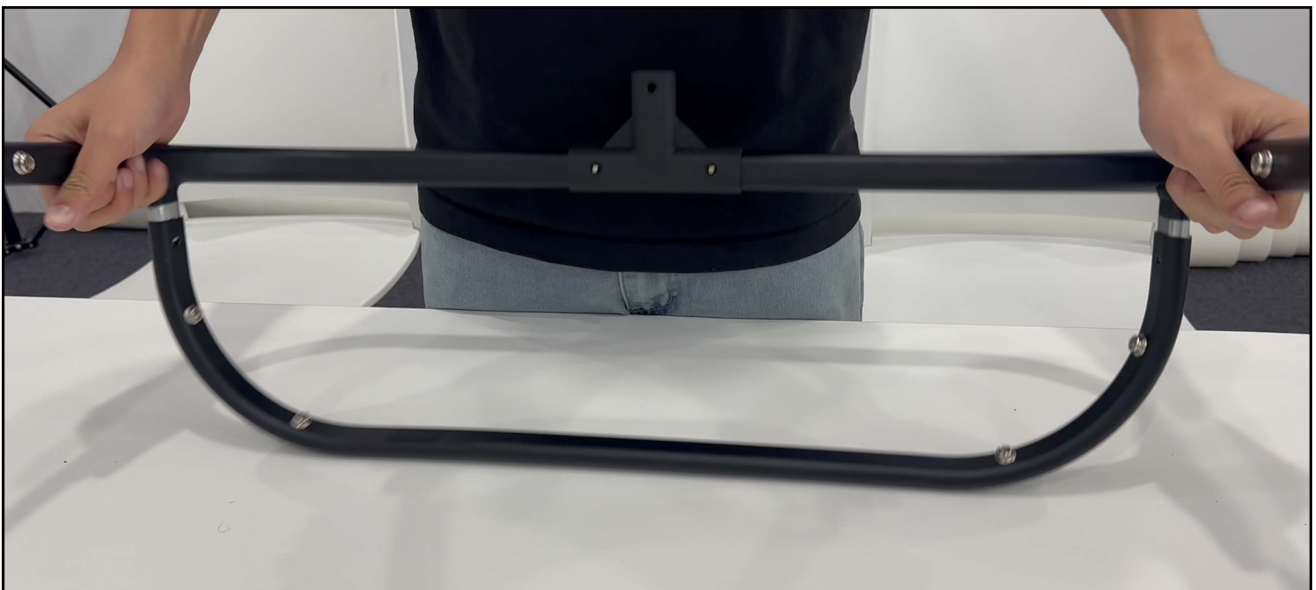
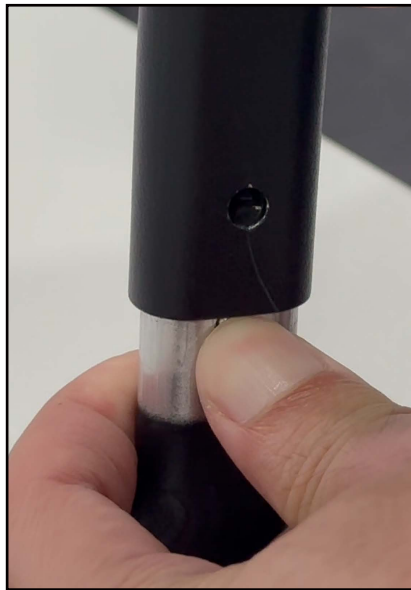



- a. Locate the connection point: Find the metallic connectors on the rear frame pieces with the vertical opening facing upward.
- b. Align the rear support frame: Position the straight end of the rear support frame above the metallic connector opening.



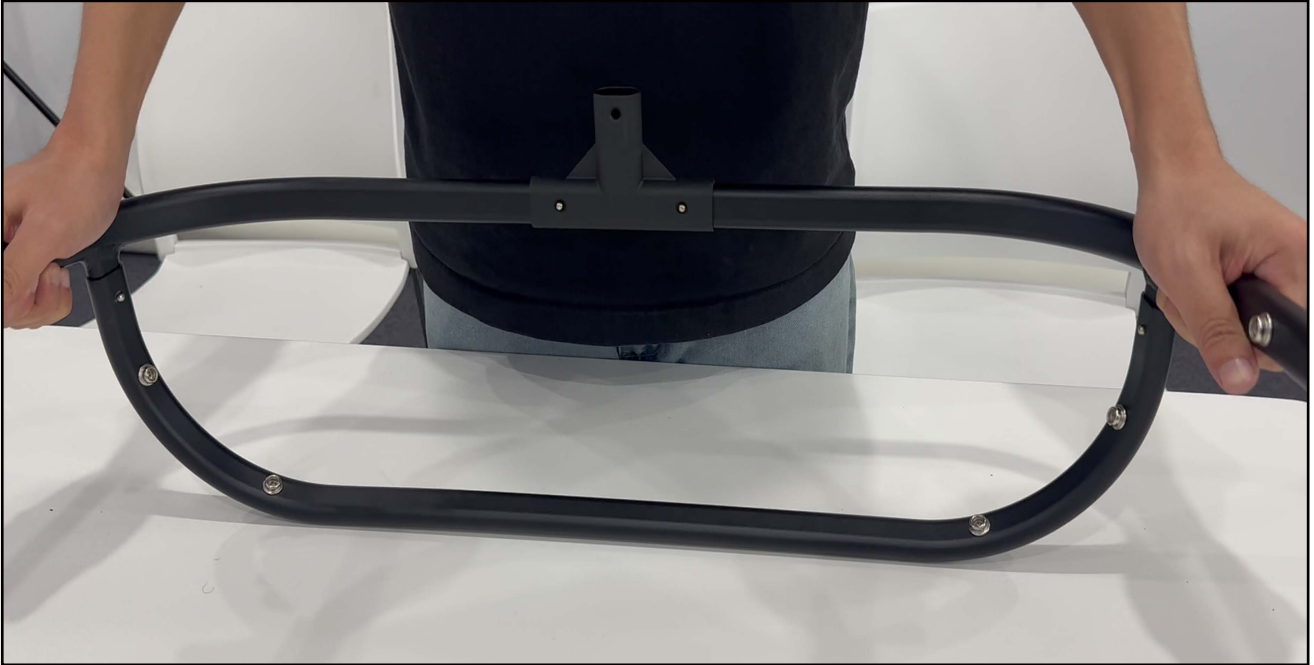
c. Insert and secure:

- i. Press the small metal ball into the rear support frame tube opening to compress the spring mechanism.
- ii. While holding the ball pressed in, push the rear support frame down into the metallic connector.
- iii. You'll hear an audible click as the internal ball-lock mechanism engages automatically to indicate secure connection.



 **Caution:** Keep fingers clear of the connection point during insertion to avoid pinching.

d. Verify connection: Gently pull on the rear support frame to ensure it's securely locked in place.



Step 2: Connect the Top Cross Beam

1. Locate connection point: Find the open T-shaped connector at the top of the rear frame assembly.



2. Insert and secure:

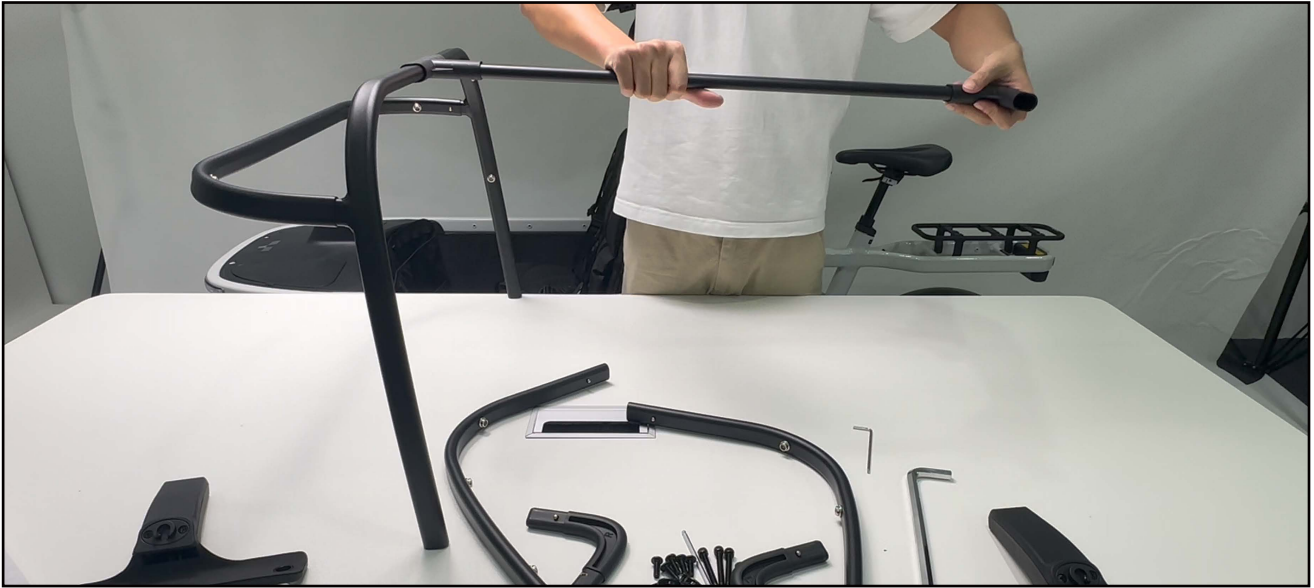
- a. Press the beam end into the opening of the T-shaped connector compress the spring mechanism.
- b. While holding the ball pressed in, insert the beam into the T-shaped connector
- c. You'll hear a click as it locks into place.



Step 3: Assemble the Front Frame Pieces

1. Attach the second T-shaped connector:

- a. Insert the remaining T-shaped connector onto the open end of the top cross beam.
- b. Press the metal ball, insert fully, and listen for the click.



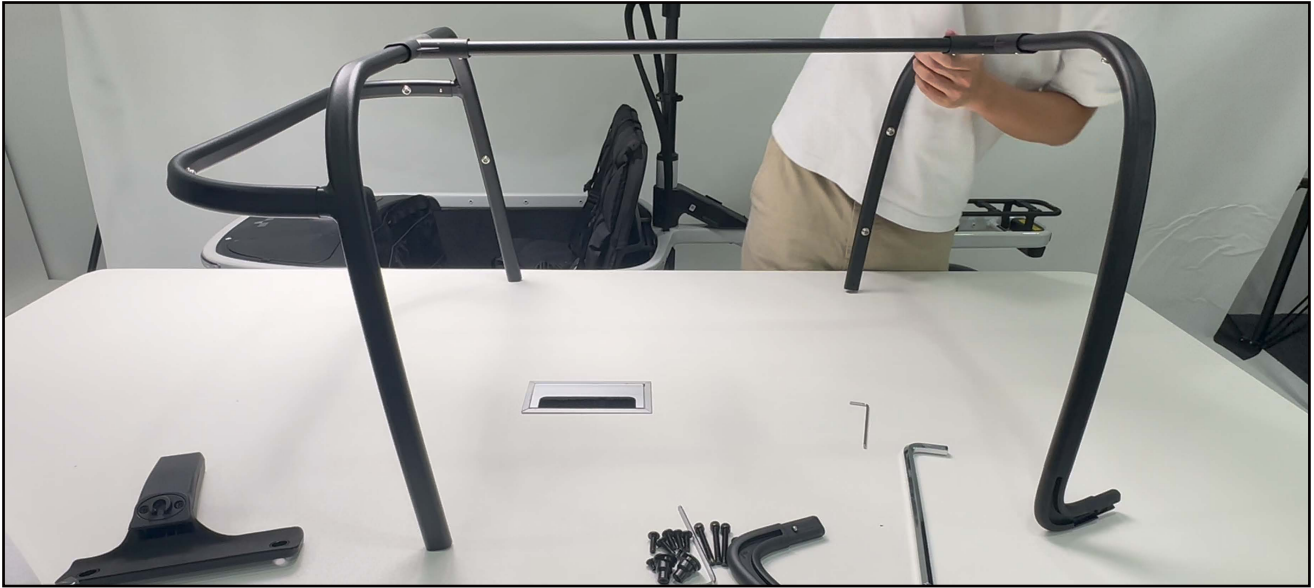
2. Connect the front frame pieces:

- a. Take the two curved front frame pieces.
- b. Insert their ends into the left and right openings of the T-shaped connector.
- c. Press each metal ball, insert until you hear clicks on both sides.



3. Install the frame corner joints:

- a. Important: Orient the corner joints with grooves facing outward. They are marked L for left and R for right.
- b. Insert the corner joints into the open ends of the front frame pieces.
- c. Press the metal balls and push until they click into place.



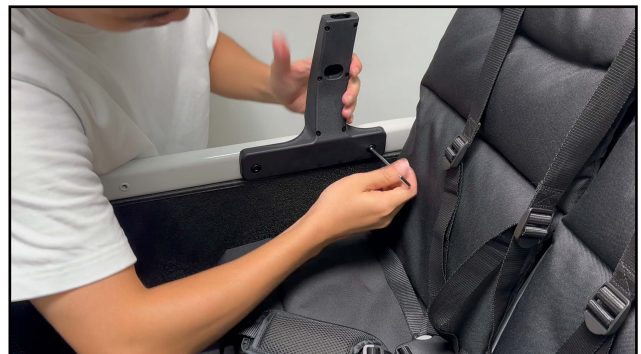
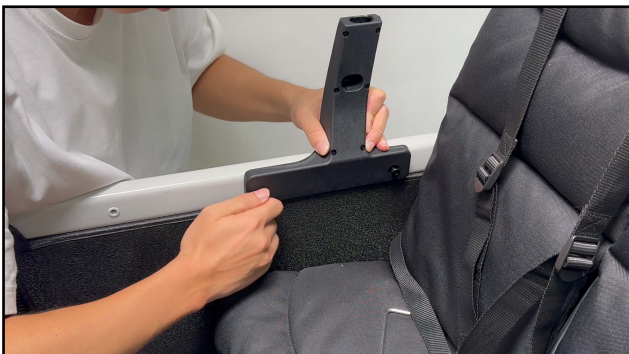
Step 4: Install the Connection Bracket Arms

1. Prepare the four M6 × 18mm Flat Head Hex Socket Cap Screws.



2. Loosely fasten the right mounting bracket arm onto the cargo box with two of the screws.

3. Then, tighten both screws with an Hex Key.



4. Repeat on the left side to secure the left mounting bracket arm to the cargo box.



Step 5: Install the Frame onto the Cargo Box

1. Prepare handlebar: Raise to maximum height (don't exceed "MIN" line).



2. Install frame:

- a. Insert rear frame tubes into Connection Bracket Arms.
- b. Push down firmly until fully seated.



Step 6: Install the Rain Cover

1. Position Rain Cover:

- a. Align frame corner joints with Rain Cover corner pockets.



- b. Insert frame into corner pockets completely



c. The frame should be aligned as shown when properly installed.



2. Secure corner joints:

- a. Use the provided M5 × 8mm Flat Head Hex Socket Cap Screws and the provided Hex Key to secure the corner joints to the Rain Cover.



Critical: Ensure Halo Lights are visible through front plastic window.



3. Secure the Rain Cover:

- a. Prepare the two Quick-lock nuts and two M6 × 45mm Socket Head Cap Screws with washers.



-
- b. Pull Rain Cover back to expose mounting points.
 - c. Insert quick-lock nuts into the two front connection points.



- d. While holding each nut down, insert long bolt with washer from underneath the cargo box.
 - i. Tighten with Hex Key.



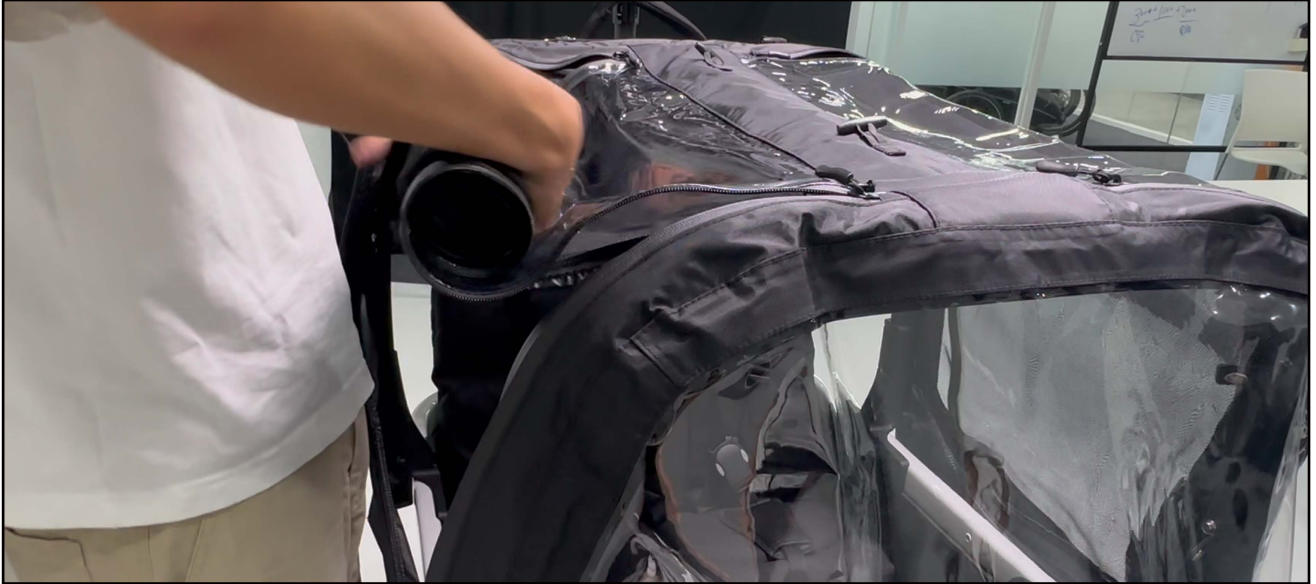
ii. Repeat for second mounting point.



4. Drape the Rain Cover over the frame.



-
- a. Unzip and roll up the Rain Cover and bug screen.



- b. Secure with elastic closures.



Step 7: Install the Weather Panels

1. Attach Weather Panels:

- a. Zip the panels securely along the edges of the Rain Cover.



- b. Press Velcro firmly to close.



- c. Tie the weather panel's securing straps under the phone holder.



2. Seal Rain Cover:

- a. Close the Velcro seam along the bottom edge.
- b. Press firmly for weatherproof seal.

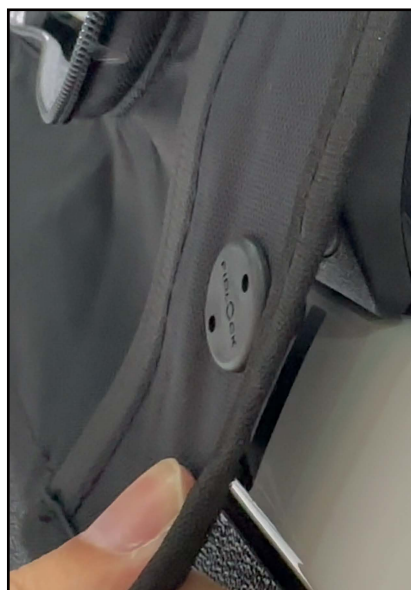


3. Lock Fidlock mechanism:

- a. Pull panel taut before engaging.
- b. Bring the magnetic buckle close to the lock base - the magnets will guide it into alignment and it will automatically snap into the locked position.
- c. Repeat to secure the other side of the Rain Cover.

Test security: Try pulling horizontally - the panel should not release. Only direct downward pressure on the release button will unlock it.

Important: Proper engagement prevents accidental opening during rides.



4. Check lights: Verify Halo Lights and turn signals are clearly visible through the plastic windows. Adjust cover position if needed to ensure full visibility of all lighting elements.



5. Clip all buttons along the front and back of the frame to secure the Rain Cover.

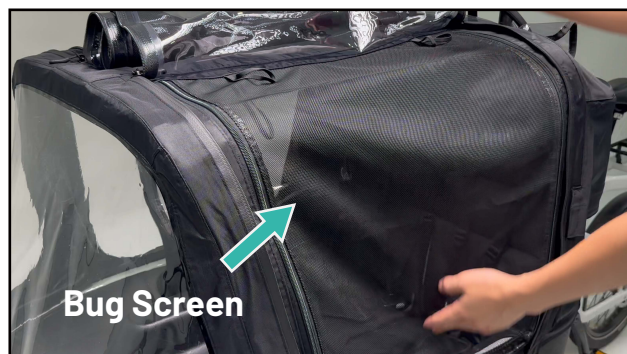


6.2 Installation without Protective Safety Collar

1. Assemble frame: Follow steps 1-3 from Section 6.1.
2. Skip bracket installation: Connection Bracket Arms are already integrated with the Protective Safety Collar.
3. Install Rain Cover: Follow remaining steps from Section 6.1. Ensure all parts of the Rain Cover are secured onto the frame and the protective collar.
4. Cover positioning: Ensure the Protective Safety Collar is completely covered by the Rain Cover for optimal weather protection.

7. Usage

The Quick Release Rain Cover offers various configuration options for different weather conditions:

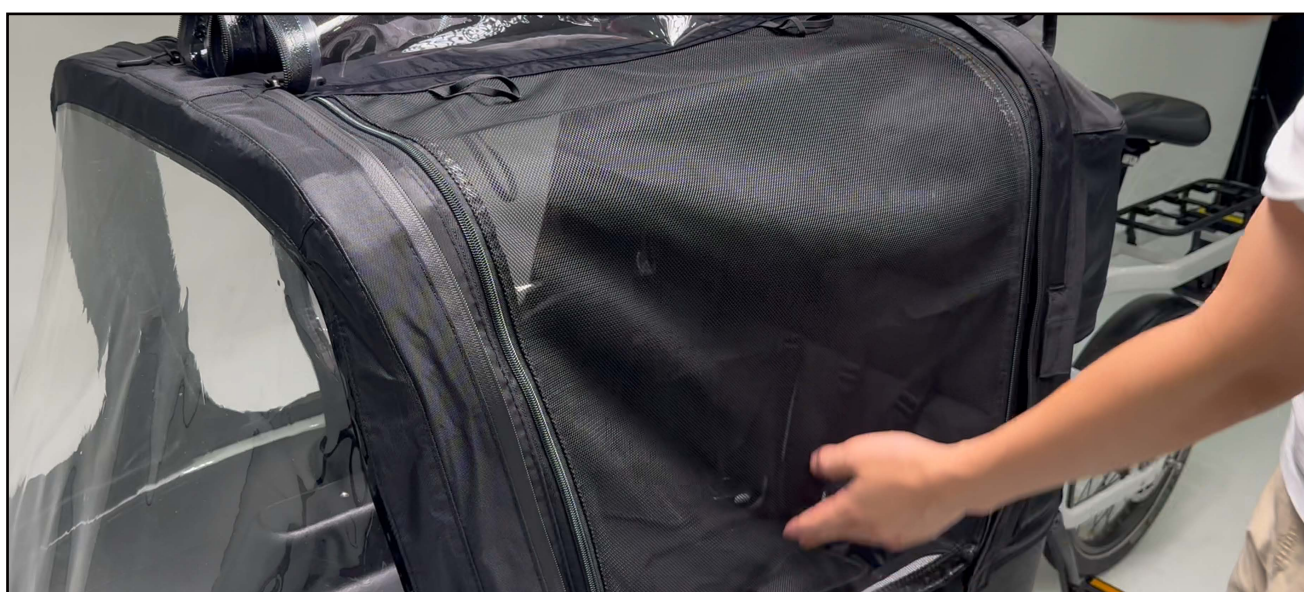


7.1 Rain Protection

- Fully close the Rain Cover using the zippers for maximum protection during heavy rain.
- Ensure all seams are properly closed and secured with Velcro strips.

7.2 Bug Screen

- In warm weather, use only the integrated bug screen by zipping it up while keeping the Rain Cover rolled up.



- Secure the rolled Rain Cover using the attached elastic closures.

7.3 Storage Position

- When not in use, roll up both the Rain Cover and bug screen.



- Use the attached elastic closures to secure them in the rolled position.



8. Maintenance

- Clean the Rain Cover regularly with a soft cloth dampened with mild soap and water.
- Avoid using abrasive cleaners, solvents, or high-pressure water jets.
- Keep the plastic windows clean for optimal visibility.
- Allow the Rain Cover to dry completely before folding or storing.
- Periodically check all frame connections and fasteners for tightness.
- Inspect the Rain Cover for any damage or wear and repair as needed.

9. Removal and Storage

Removal

1. Unclip all buttons securing the Rain Cover to the frame.
2. Unfasten all Velcro closures on the side seams.
3. Loosen and remove the screws securing the corner joints.
4. While supporting the frame, loosen and remove the long bolts from underneath the cargo box that secure the quick-lock nuts.
5. Remove the quick-lock nuts from the top of the cargo box.
6. Carefully lift the entire assembly (Rain Cover and frame) from the cargo box.



Note: The Rain Cover can be stored together with its frame without disassembly.

Storage

- Ensure the Rain Cover is completely dry before storage to prevent mold or mildew.
- Store in a cool, dry place away from direct sunlight.
- Avoid folding the plastic window sections to prevent creasing or damage.
- For long-term storage, consider placing the Rain Cover in the original packaging to protect it from dust and damage.

10. Warranty

TARRAN provides a limited warranty for the T1 Pro Rain Cover. For complete warranty information, terms, and conditions, please visit our warranty policy page at:

<https://tarranbikes.com/pages/warranty-policy>

The warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage from misuse, accidents, improper installation, or normal wear and tear.

For more information or if you have questions, please contact your authorized TARRAN dealer or visit

www.tarranbikes.com.