

Hint: Lifting and placing the trike is easier with the seat removed

Note: If seat is left on the trike must be facing with cranks forward towards the front of the car. If reversed the seat mesh can act as a kite lifting the trike and reducing the contact pressure of the blocks to the vehicle.

#### **Alternative lift and placement:**

Lift the front wheels of the trike onto the trunk. While holding the trike in place pick up the rear wheel and push the trike up and into place on the vehicle. This only requires lifting half of the trike at a time. Once in place lock brakes and lift each wheel to place block underneath.

Note: tires could leave marks on vehicle or dirty tires could create scratches.

Caution: once trike is in place lock the parking brakes. Without blocks in place trikes can easily roll off the vehicle causing damage.

Note: if your vehicle is too short of a roof line, trikes can also be mounted with two wheels on the roof and one on the trunk by running one of the straps through the trunk and then one through the door frames.

#### **Strapping the trike securely to the vehicle:**

Start by opening the doors. Run a strap through the vehicle's front door frames and over top of the trike. Do the same through the rear door frames. Two straps are included for distributing pressure and maximizing grip to the roof. Depress the camming portion of the buckle and push the plain end of the strap through the opening in the buckle. Pull the plain end of the strap to adjust tension. Important: Ensure the strap running through the vehicle does not interfere with driving or passengers inside of vehicle.

- Important: Apply even pressure to front and rear straps and **DO NOT OVER TIGHTEN!**
- Important: Check for trike movement and adjust strap pressure accordingly.
- Important: Bind up and tie off any excess strap.
- Important: Periodically check straps during travel and tighten if necessary. Replace straps if they become worn or frayed.
- Important: Be considerate of weight limits for the vehicle's roof. **TERRATRIKE IS NOT RESPONSIBLE FOR ANY DAMAGE**
- Note: Included Anti-slip Frame Pads may be slid onto straps (prior to installation) and positioned on trike for protection.
- Note: Ensure strap is not interfering or putting pressure on the trike's spokes, chain or cables.
- Hint: Putting a twist in the strap on the outside of the vehicle will help reduce wind vibration.

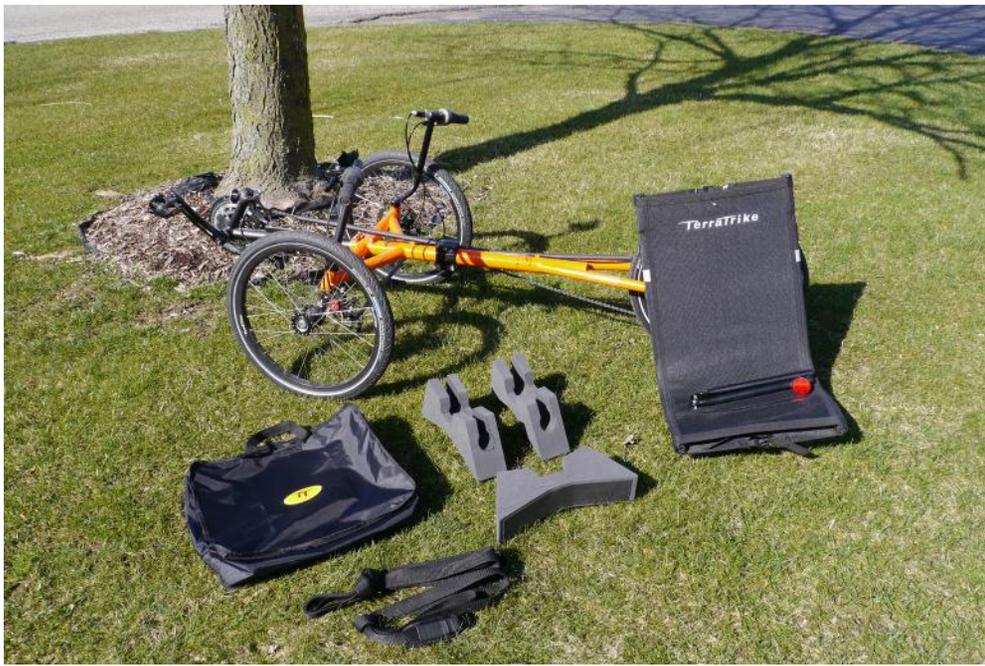
# **TerraTrike**®

PART OF THE SOLUTION

## **Universal Trike Carrier (UTC)**

Installation and User Manual





**Parts Included:**

- Carrying bag with handles (1x)
- Universal Trike Block w/ anti-skid backing(3x)
- Heavy Duty Strap (2x)
- Frame Pad w/ anti-slip backing (2x)

**BEFORE YOU INSTALL**

**Warning** – It is imperative that trikes be properly and securely attached to your vehicle. Improper attachment could result in an automobile accident, and could cause serious bodily injury or death to you or to others. You are responsible for securing the trike to your car, checking the attachments prior to use, and periodically inspecting the blocks and straps for adjustment, wear and damage. Therefore, you must read and understand all of the instructions and cautions supplied with your TerraTrike Universal Trike Carrier prior to installation or use. If you do not understand all of the instructions and cautions, or if you are not confident in your ability to properly use this product, consult a professional or do not attempt to use.

**Important** – Ensure bottoms of blocks and area of roof under blocks are clean and free of debris. Failure to do so could lead to scratches in roof and reduced grip of the block to the roof requiring increased and undue pressure on trike, roof and straps. TERRATRIKE IS NOT RESPONSIBLE FOR ANY DAMAGE.

**INSTALLATION INSTRUCTIONS**

The TerraTrike Universal Trike Carrier (UTC) is intended for local transportation of trikes. It is not mandatory for seats and seat stays to be removed for proper use. However, TerraTrike strongly encourages the removal of seats and seat stays to minimize the effect on fuel economy, wear and

tear on the seat mesh as well as the loss of seat pins. Removal of the seat and seat stays becomes increasingly important with the increase in speed and distance of which you are traveling.

**Seat removal:**

Using a 5mm allen wrench remove the two 8x30mm bolts holding the seat frame to the seat clamp (the seat clamp is what slides on the frame for adjustment). Remove seat pins on the adjustable seat stays and lift the seat away from the trike. Note: the connection of the seat frame to the seat clamp may be tight and require back and forth motion to remove the seat. Next, using a 4mm allen wrench remove the lower seat stay 5x16mm bolts mounted directly above the rear axle.

- Note: Common sense is required to determine the suitability of use on trikes beyond those produced by TerraTrike.
- Hint: Seat stays may be left on if strapped to the frame to prevent movement during transport. Installation is reverse. Extra effort may be required to work the seat frame back into place on the seat clamp. Tighten seat stay bolts to 50in-lbs. Tighten seat frame bolts to 150in-lbs.



**Installation:**

Mount the blocks to all three tires at a 9 o'clock / 3 o'clock position. Prior to lifting the trike into place, release the parking brakes. Upon lifting, the weight of the blocks will rotate the wheels until the blocks are directly beneath the wheels in a 6 o'clock position making them the contact point on the roof.

Place the trike with blocks onto the roof of the vehicle. If a block did not rotate down, lift just that wheel and rotate that block into position. Adjust placement if necessary to ensure clearance of anything on the roof such as sunroofs, existing roof racks or antennas. Once the trike is positioned lock the parking brakes.

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