

MHS UNO Tray #4641

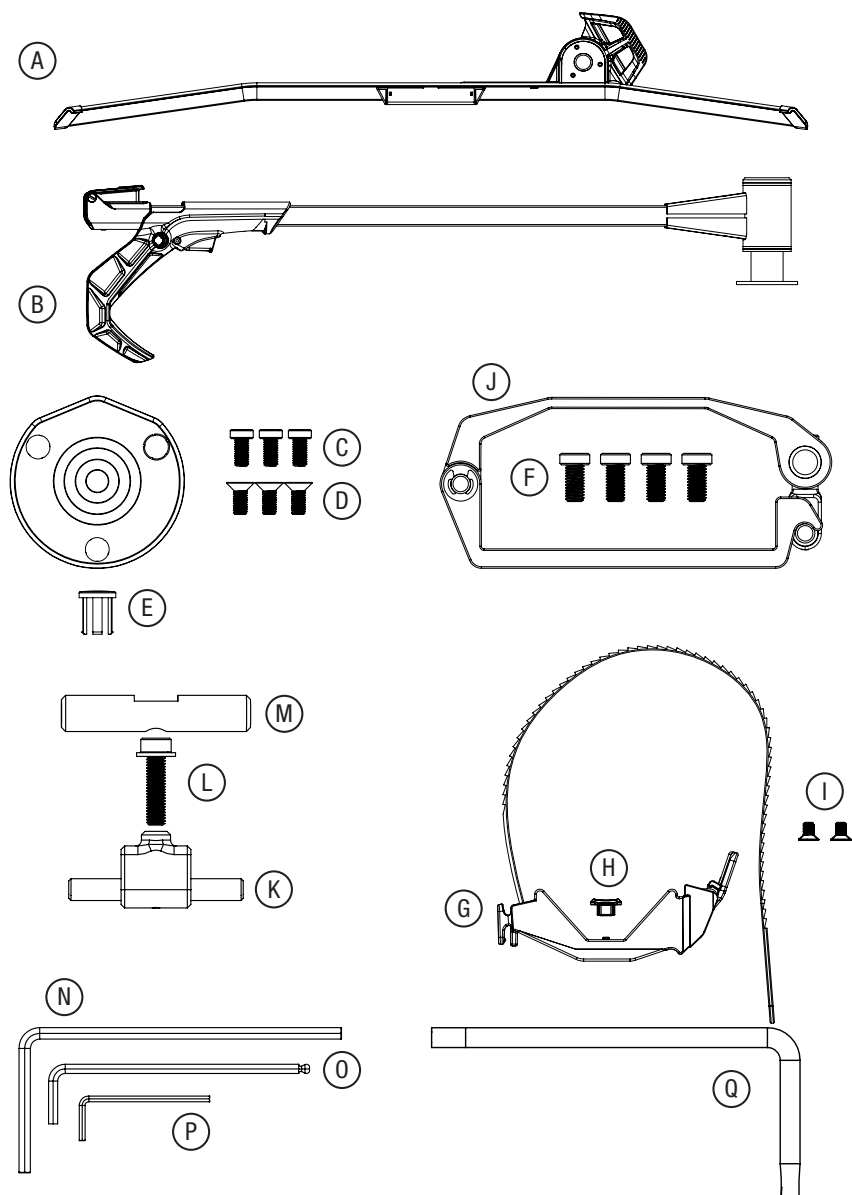
Assembly Instructions | Instrucciones de montaje | Instructions d'assemblage



WHAT'S IN THE BOX

LETTER	QTY	PART DESCRIPTION
A	1	MHS UNO tray
B	1	MHS UNO wheel hook arm
C	3	M6 (12mm) socket head screw
D	3	M6 (14mm) flathead screw
E	1	Lock core cap
F	4	M8 (16mm) socket head screw
G	1	Rear wheel strap carriage
H	1	Carriage T-joint
I	2	M4 (6mm) flathead screw

LETTER	QTY	PART DESCRIPTION
J	1	MHS clasp hardware kit
K	1	T-nut
L	1	Security bolt
M	1	Clasp pin
N	1	5mm hex key (Clasp bolts – F)
O	1	4mm hex key (Pivot Housing – C & D)
P	1	2.5mm hex key (rear wheel tray - I)
Q	1	T40 torx key (L)



Tools Needed (Not included):
Flathead Screwdriver



FOLLOW INSTRUCTIONS



SARIS FIT GUIDE

<https://saris.com/pages/hitch-fit-guide>



ASSEMBLY/INSTALLATION VIDEO

<https://saris.com/pages/videos>



REGISTER YOUR PRODUCT

<https://saris.com/pages/product-registration>



LOT CODE

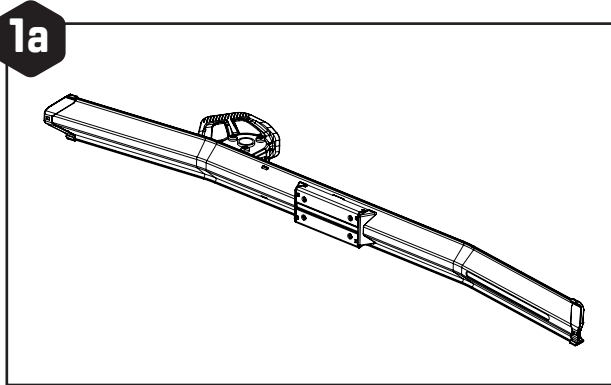
MHS UNO TRAY ASSEMBLY & MHS CLASP ASSEMBLY

Recommended Installation:

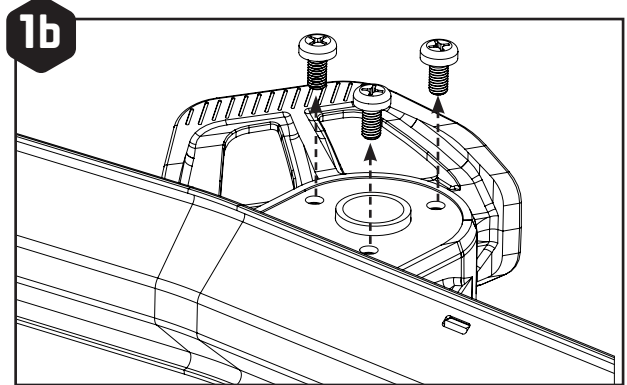
MHS UNO trays can be configured with wheel hook arm on either side of the tray and can be oriented on MHS Bases facing either way. Goal is to alternate bike directions to maximize space for your combination of bikes. Below is an example configuration using a MHS 2+1 base.

*MHS 2+1, 2 MHS UNO trays

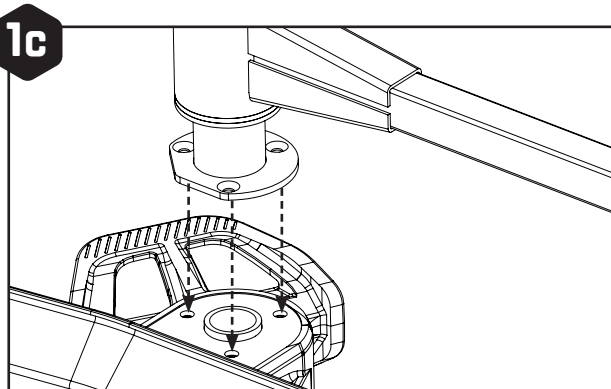
- Bike spot 1: Front wheel on driver side, arm side should be positioned on the driver side
- Bike spot 2: Front wheel on passenger side, arm side should be positioned on passenger side



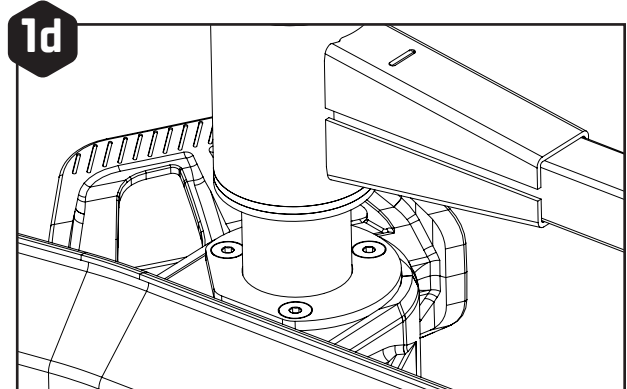
Determine which side to install the UNO wheel hook arm based on your desired configuration or existing MHS system. Place UNO tray on a flat surface and flip to the desired side.



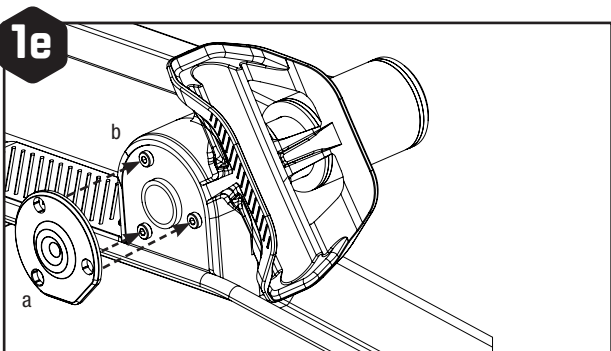
Remove plastic bolts from the pivot housing on the desired side of the UNO tray. Keep the remaining plastic bolts in the opposite side.



Align the UNO wheel hook arm with bolt holes in pivot housing by matching flat side of the arm bracket with flat side of pivot housing.



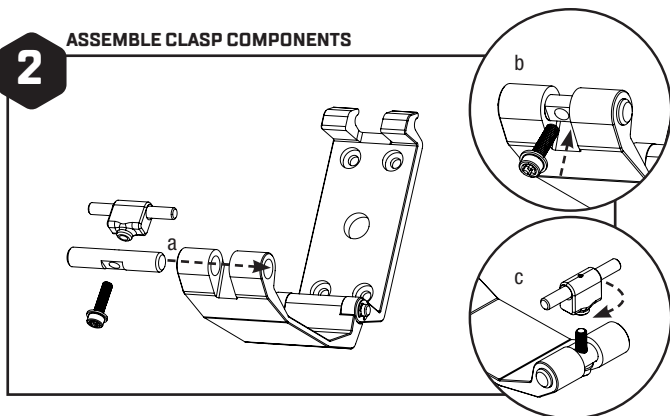
M6 (12mm) screws (x3) (C) into main pivot housing and use 4mm hex key to tighten. Ensure bolts are completely tightened.



- Remove remaining plastic screws and replace with M6 (14mm) flathead screws (x3) (D). Use 4mm hex key to tighten.
- Press the plastic cover in tightly. Align with flat edge and ensure edges are flush.

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ASSEMBLE CLASP COMPONENTS

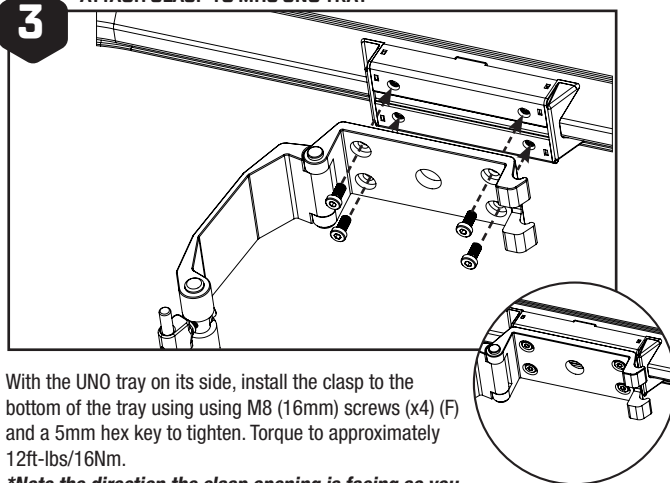


Install the clasp hardware to the lower clasp bracket as follows:

- insert main pin through lower clasp as shown, with flat side facing out.
- insert the security bolt through the flat side of the pin.
- loosely thread security bolt into the T-nut assembly.

3

ATTACH CLASP TO MHS UNO TRAY

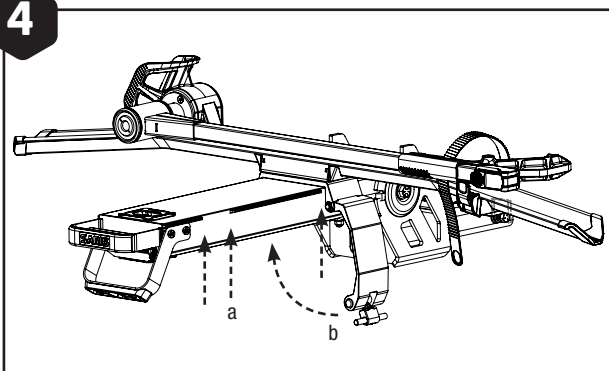


With the UNO tray on its side, install the clasp to the bottom of the tray using using M8 (16mm) screws (x4) (F) and a 5mm hex key to tighten. Torque to approximately 12ft-lbs/16Nm.

***Note the direction the clasp opening is facing so you can match the clasp direction on additional trays.**

4

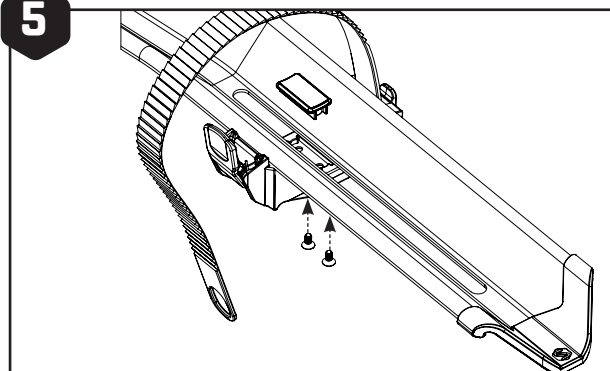
INSTALL UNO TRAY TO MHS BASE



- Place UNO tray (with clasp installed) over the base in a designated spot indicated by the spine edge cut outs.
- Close clasp bracket and latch T-nut into position. Tighten with T40 torx key (Q). (10ft-lbs/14NM)

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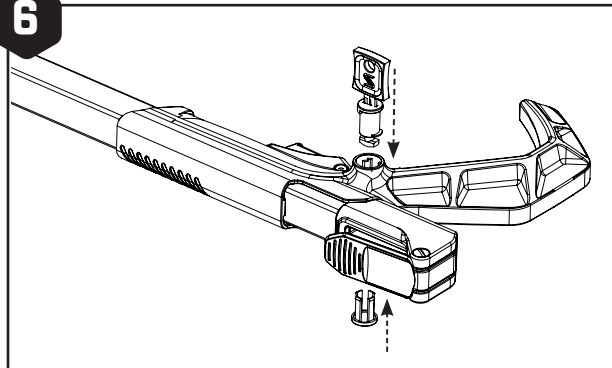
INSTALL REAR WHEEL STRAP



Place wheel strap carriage on the bottom of the UNO tray. Align the T-joint on the top of the tray cut out with carriage screw holes. Insert M4 (6mm) flathead screws (x2) (I) and tighten with 2.5mm hex key.

6

INSTALL LOCK CORES

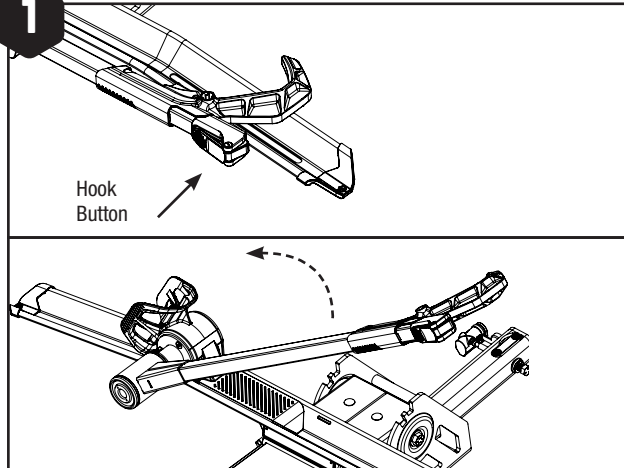


Insert core into appropriate side and twist to secure in place. Insert plastic core cap on opposite end.

Lock cores included with MHS base SKUs 4610, 4620, 4630 or available for purchase from Saris.

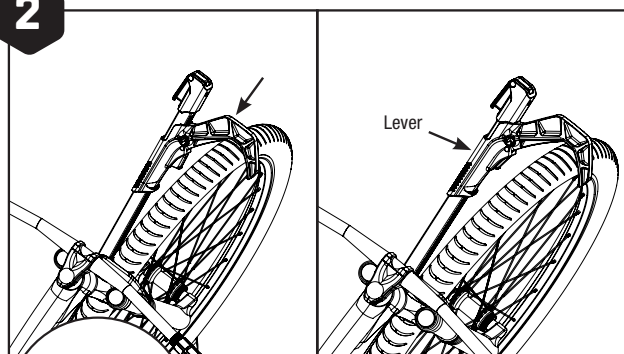
BIKE LOADING/UNLOADING

1 HOOK BUTTON RELEASE



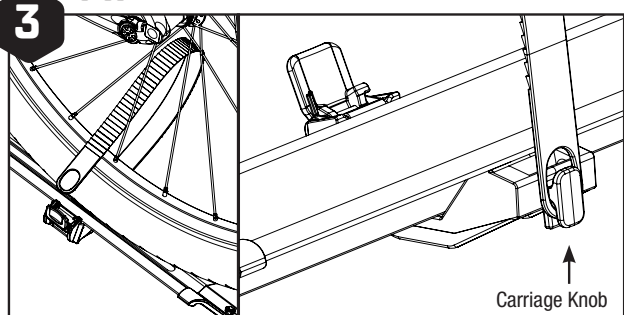
Press the lever on top of the wheel hook to activate the pivot arm.
Pull the arm over the front wheel until pivot locks into place.

2 SECURE FRONT WHEEL



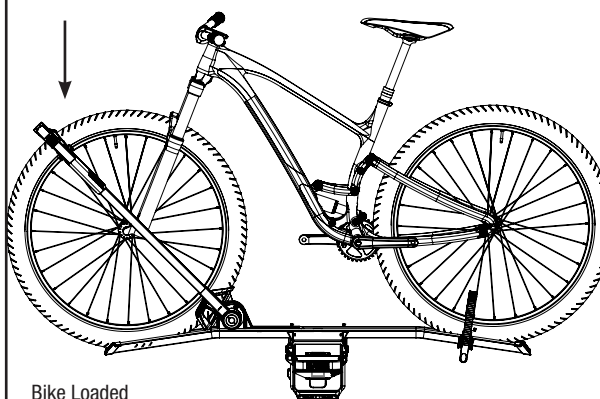
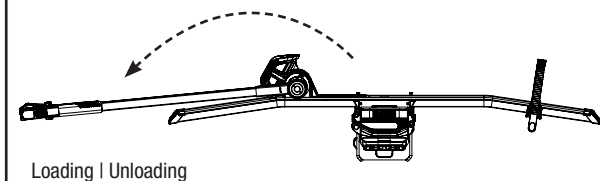
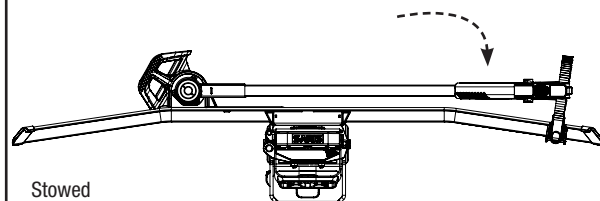
Press hook down and ensure hook arm is tightly ratcheted against the front wheel. For road bikes/thinner tires, this may need to be a tighter fit for a sufficient grip.
Use lever on wheel hook arm to disengage ratchet hook.

3 SECURE REAR WHEEL

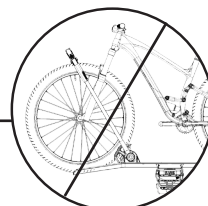


Adjust rear wheel strap as needed to be perpendicular with bottom of rear tire. Pull ratchet strap tightly through buckle.
When loading bike, lock the strap on the carriage knob. This ensures straps are out of the way and makes loading easier.

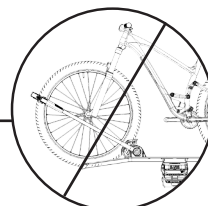
HOOK ARM POSITIONS



Arm will lock into place when in the correct carrying position as shown



Too High



Too Low

RECOMMENDED MAINTENANCE :

After Each Use:

- Check for loose bolts, tighten as necessary

Every 90 Day Actions:

- Clean with water and mild soap
- Lubricate locks if applicable (use wet, oil based lubricant; NO WD-40)
- Grease hitch bolt threads
- Check for scratches in paint or rack finish

CAUTIONS:

- All requirements for compatibility/fit as stated in the current Saris vehicle/carrier compatibility guide must be followed. (Available at any Saris dealer or www.saris.com). If your vehicle is not listed or you have any questions, please call our customer service at 800-783-7257 or visit www.saris.com.
- Read and follow instructions carefully. Save Instruction Manual for future reference or parts information. Ensure that any other users of the bicycle carrier are familiar with their content.
- Ensure to keep MHS UNO arms in the stowed position when not in use.
- Drive slowly over speed bumps, 5 to 10 mph max speed.
- It is the end user's responsibility to ensure that use of this product meets all local and state laws.
- When cleaning vehicle and rack, use only water-soluble cleaners. Do not take rack through car wash.
- Make sure bike tires are not directly behind exhaust pipe.
- Rack must be installed directly into vehicle hitch receiver. Do not modify the hitch receiver or use hitch extenders.
- Do not mount to any type of trailer or RV including Class B vehicles.
- Prior to usage on the road, remove all loose parts from bicycle, including (but not limited to) child seat, basket, lock, light, pump, etc.
- This carrier is not recommended for off-road use or for use at speed exceeding 70 mph (113 km/h).
- The handling characteristics of a vehicle will change when a rear bicycle carrier is fitted and especially when it is loaded (in particular crosswind sensitivity, handling on bends and braking). Driving techniques should be altered to allow for these changes. Reduce speed, especially on bends, and allow for longer braking distances.
- The vehicle's total length increases when the bike carrier is attached. The bikes themselves may increase the vehicle's total width and height. Take care when reversing and/or entering garages or ferries, etc.
- Remove carrier from vehicle when not in use.
- Tighten straps regularly during long journeys.
- Vehicle should be in good condition in the area at which the hitch is located.
- Do not exceed maximum load capacity of the UNO tray (40 lbs. max) or carrier (**See MHS Owner's Manual**) Secure properly and adjust for even load distribution, loading the heaviest/biggest bike first and closest to the vehicle.
- Saris absolves itself of responsibility for any personal injuries or consequential damage to property or wealth caused by incorrect fitting or use
- Maximum allowed wheelbase 50 inches.
- Maximum tire width 3 inches.

WARNING AND DISCLAIMER:

This carrier has been designed to carry bicycles on specific vehicles. Before installation, user must read and follow current Saris Fit Guide (available through Saris dealer or <https://saris.com/pages/hitch-fit-guide>) recommendations and enclosed instructions. Fit recommendations are based on vehicle's standard features; optional features may affect the fit recommendations. User must attach carrier correctly to the vehicle, check its attachment before each use, and inspect carrier parts for wear. Carrier's attachment to the vehicle is critical and beyond the control of the manufacturer. Manufacturer and seller expressly disclaim any and all liability for personal injury, property damage or loss, whether direct, indirect, or incidental, resulting from the incorrect attachment, improper use, inadequate maintenance, or neglect of this carrier.

OFFICIAL WARRANTY TERMS:

Saris Equipment LLC warrants our product to the original consumer to be free from defects in materials and workmanship. Please retain your sales slip for your records, as proof of purchase will be required.

WARRANTY TERM:

Note: No damage to mounting surfaces is covered.

Any product or part thereof found to be defective within the term as set forth above will be replaced without charge provided that: (1) its failure resulted from a defect in material or workmanship and not from normal wear and tear expected in the use of the product; (2) the product was not misused, improperly assembled, improperly maintained or damaged by accident; (3) there was no failure to follow instructions or warnings in **Owner's Manual**; (4) no alterations or modifications were made; and (5) the product or part is delivered, freight prepaid, to Saris Equipment LLC or an authorized service center. Please call 1-800-783-7257 to obtain return authorization prior to return. Saris Equipment LLC reserves the right to inspect any product before issuing a replacement. Saris Equipment LLC's only obligation shall be to replace such products or parts that it determines are defective.

LIMITATIONS:

The foregoing warranties are in lieu of and exclude all other warranties not expressly set forth herein, whether expressed or implied by operation of law or otherwise. Other than as set forth above, Saris Equipment LLC makes no warranty, whether express, implied or statutory, with respect to any product, including, but not limited to, warranties of reliability, merchantability fitness for a particular purpose, or those arising from any course of performance, dealing, usage or trade. Saris Equipment LLC shall not be liable for incidental or consequential losses, damages or expenses in connection with its products. Saris Equipment LLC's liability hereunder is expressly limited to the replacement of goods not complying with this warranty or, at Saris Equipment LLC's election, to the repayment of an amount of the purchase price of the product in question. Some states do not permit the exclusion or limitation of implied warranties or incidental or consequential damages, so the preceding limitations and exclusions may not apply to you.