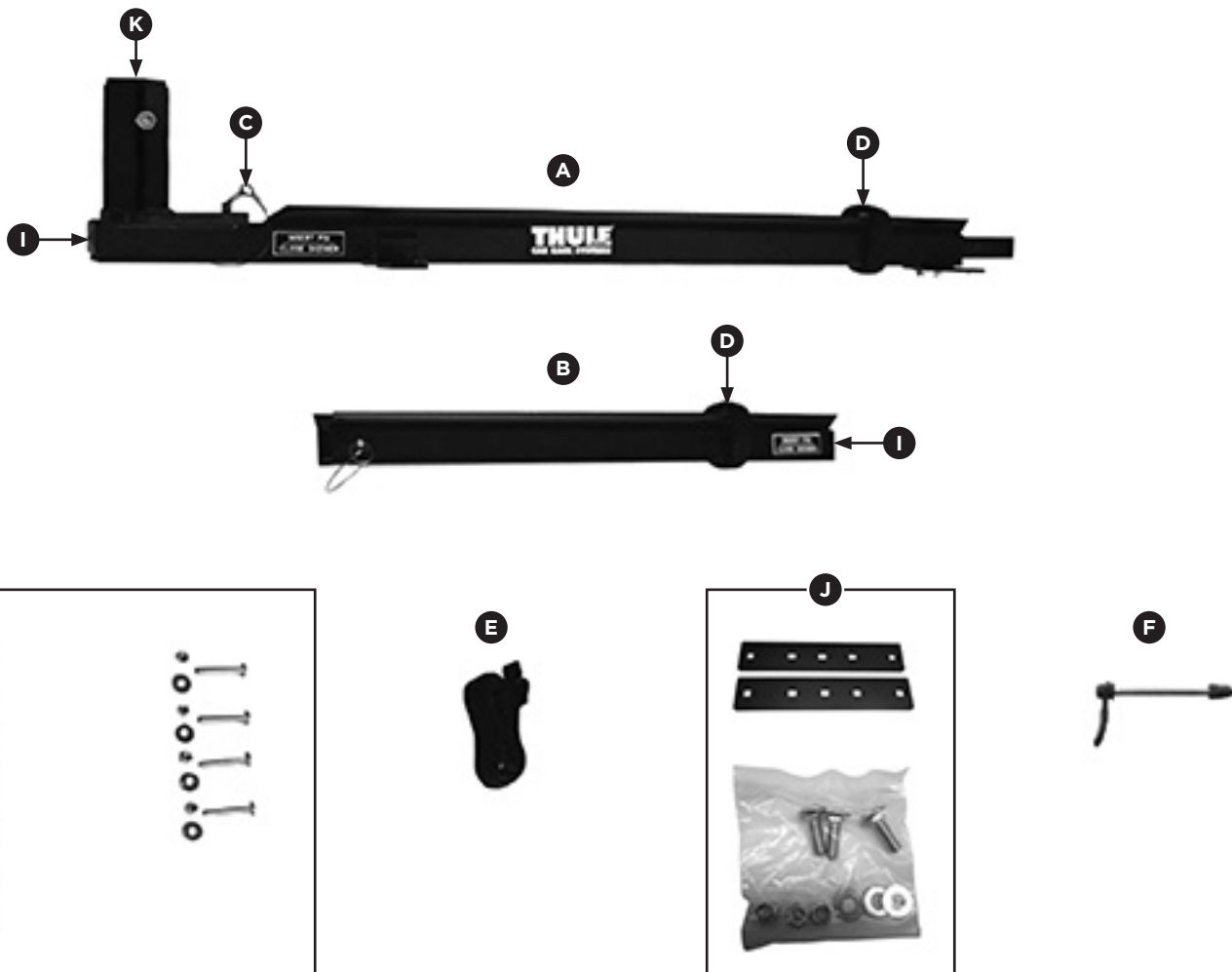


# THULE<sup>®</sup> SWEDEN PIVOTING TANDEM CARRIER 558P

## PARTS INCLUDED



part	description	part number	qty.
A	front beam	—	1
B	tail beam	—	1
C	detent pin and tether	8535259	2
D	wheel strap assembly	8535260	2
E	handlebar strap	8535258	1
F	quick release skewer	8535256	1
G	set of 4 mounting clamps and hardware	853-5257	—
I	end cap	8535262	2
J	set of 2 mounting brackets and hardware	7521732001	—
K	top cap	8535261	1

# HELPFUL HINTS

- If you are having difficulty inserting the pivot pin: A) Make sure the swivel plates are lined up by squeezing them together from the sides. B) Make sure the handlebar strap is installed symmetrically. C) Check to be sure the holes do not have any road grit in them. If necessary, clean the holes with a cotton swab. Lubricate the pivot pin by rubbing it with candle wax. Do not use oil or grease as these will attract more grit.
- If your vehicle is a minivan with a side cargo door position the carrier so that the fork mount is over the cargo door. Open the cargo door when loading your tandem. This should eliminate side clearance problems, plus you can step up on the door sill to help reach the fork mount.
- If your tandem's chain rings contact the side of your vehicle during loading/unloading: A) Experiment with the position of the carrier on your vehicle's roof. Try moving the carrier forward or back on the roof. The carrier should be as far outboard as possible (straddling the base rack towers) without being completely outboard of the towers. You can install the carrier facing either forward or backward on your vehicle. B) If the chain rings are contacting a side window, roll down the window. You can also open the door and load/unload from between the vehicle body and door.
- The pivot pin and tail pin assemblies are identical. If you permanently installed the tail beam extension by moving the rear bracket onto the tail beam, you can replace the tail pin with a 1/4-20 x 2 bolt and nylok nut. Remove the tail pin assembly and save it as a spare for the pivot pin.

# COMPATIBILITIES / RESTRICTIONS

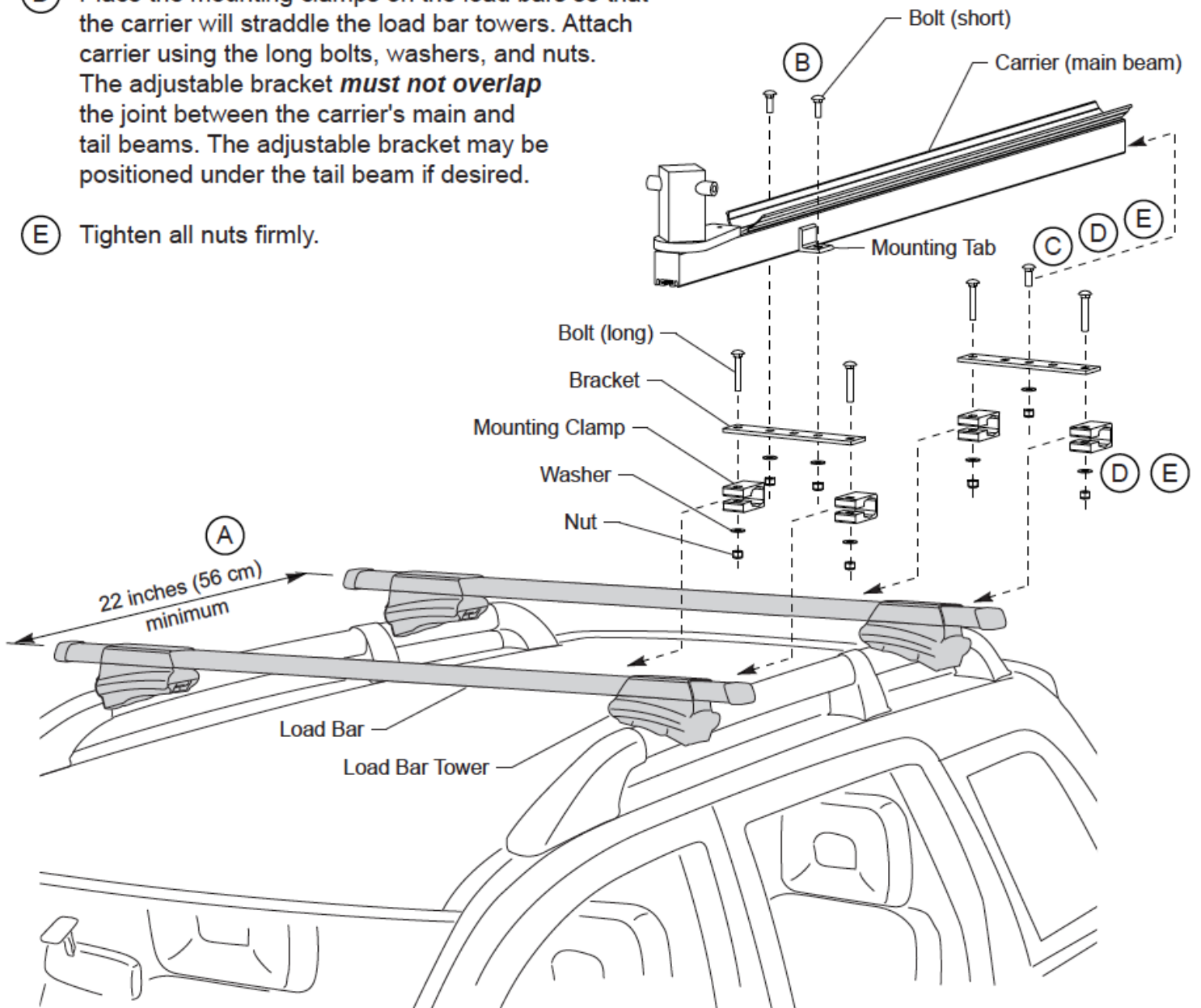
- Bike must come equipped with a quick release front skewer.
- Measure the dimensions of your bike's front fork dropouts. Not compatible with fork dropouts less than 4 mm thick. Dropouts must be 100 mm apart.
- Not all bike forks are compatible with the 558P. If your fork has a unique feature or design that prevents your using the carrier in accordance with these instructions, do not use the carrier.
- The 558P must be the outer most carrier on your roof.
- Due to their wind resistance, it is not recommended to carry disk wheels or wheels with covers on Thule bike or wheel carriers.
- Remove all bags, panniers, pumps, child seats, and other detachable accessories from bike before loading as these may be lost in transport.
- Do not stand in traffic while loading or unloading bikes from carrier. Always load/unload bikes in a safe area.
- Failure to properly install, adjust, use, and maintain the quick release mechanism on this carrier may result in damage to the vehicle and bike as well as serious personal injury.
- Any modification to bike dropouts can cause insufficient fork mount clamping pressure and may result in damage or loss of bike.

# Installation with *New Improved* brackets

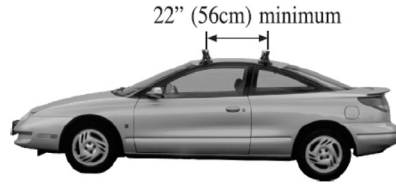
## Compatible with wide load bar towers

(These brackets replace those shown in step 1 of main instructions)

- (A) Check load bar spacing. The bars must be at least 22 inches apart.
- (B) Attach 1st bracket to mounting tabs on carrier using 2 short bolts, washers, and nuts. Tighten nuts firmly.
- (C) Attach 2nd bracket to carrier using 1 short bolt, washer, and nut by sliding the bolt head in the slot on bottom of carrier. Loosely tighten nut so that bracket position can be adjusted.
- (D) Place the mounting clamps on the load bars so that the carrier will straddle the load bar towers. Attach carrier using the long bolts, washers, and nuts. The adjustable bracket **must not overlap** the joint between the carrier's main and tail beams. The adjustable bracket may be positioned under the tail beam if desired.
- (E) Tighten all nuts firmly.



## INSTALLATION REQUIREMENTS



**!** You must have at **LEAST** a 22" (56cm) barspread

### TOOLS

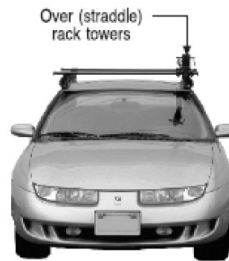
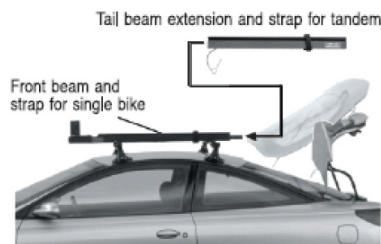


**1**

## INSTALLING TANDEM CARRIER

Carrier may be installed with or without tail beam permanently installed (see Step 1B)

Preferred carrier positioning



• Hatchbacks or high trunk lids may require removal of tail beam to fully open hatchback

**!** NEVER mount completely outboard of rack towers

**A** Snap two mounting clamps on each load bar

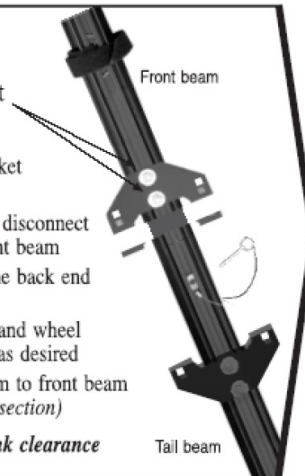


**B** Loosen nuts to adjust rear bracket

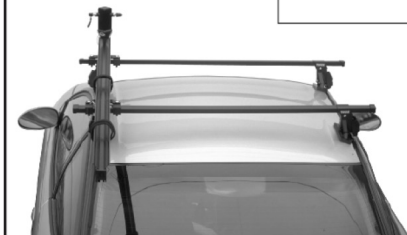
**?** What if I want to position the rear bracket on the tail beam?

- Remove tail pin & disconnect tail beam from front beam
- Slide bracket off the back end of front beam
- Rearrange bracket and wheel strap on tail beam as desired
- Reconnect tail beam to front beam (see Helpful Hints section)

**!** Check your hatch/trunk clearance



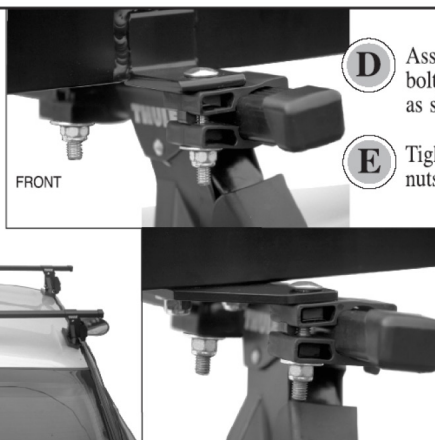
**C** Position carrier over mounting clamps



**D** Assemble carriage bolt, washer & nut as shown

**E** Tighten all six (6) nuts firmly:

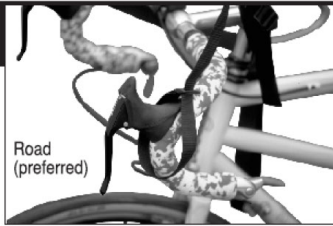
- 4 mounting clamp bolts
- 2 rear bracket bolts



# 2

## OPERATION

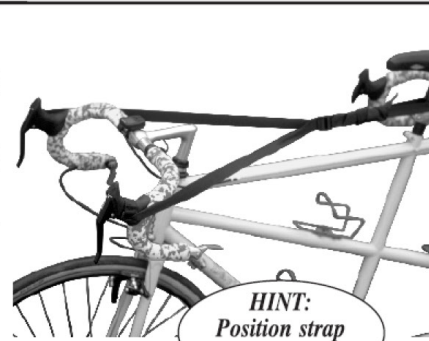
**A** Pull pivot pin and rotate pillar 90°



Road (preferred)

**B** Install handle bar strap:

- Place loops over handle bars as shown
- Thread long leg of strap through buckle and place loop over seat post as shown
- Pull strap snug and secure loose end



**HINT:**  
Position strap symmetrically

**C** Remove and stow front wheel (Recumbents: also remove seats)

## OTHER BAR STYLES



Road (option)



Mountain bike bars



Recumbent

**D**

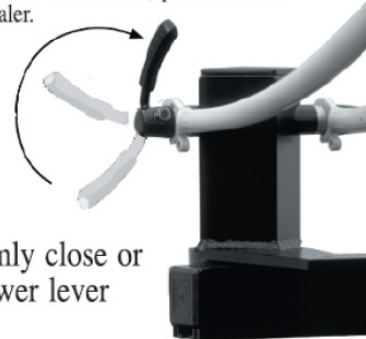
- Lift tandem into vertical position
- Roll tandem to car
- Attach fork



*Dropouts must be fully seated and straight in fork mount*

**CAUTION!** Rotate cranks to avoid contact with car

**CAUTION!** Failure to use the skewer properly will result in the loss of your bicycle! A properly adjusted skewer requires firm hand pressure to close. A rule of thumb is to close the skewer with the palm or heel of your hand. The skewer should leave a distinct impression on your hand. Do not tighten the skewer by using the lever as a wing nut. If there is any question as to the proper use of the skewer, please consult your local dealer.



**E** Firmly close or skewer lever

**F** Lift and place rear wheel into tray



**HINT:**  
Grasp chainstay with both hands

**CAUTION!** Do not lift from wheel

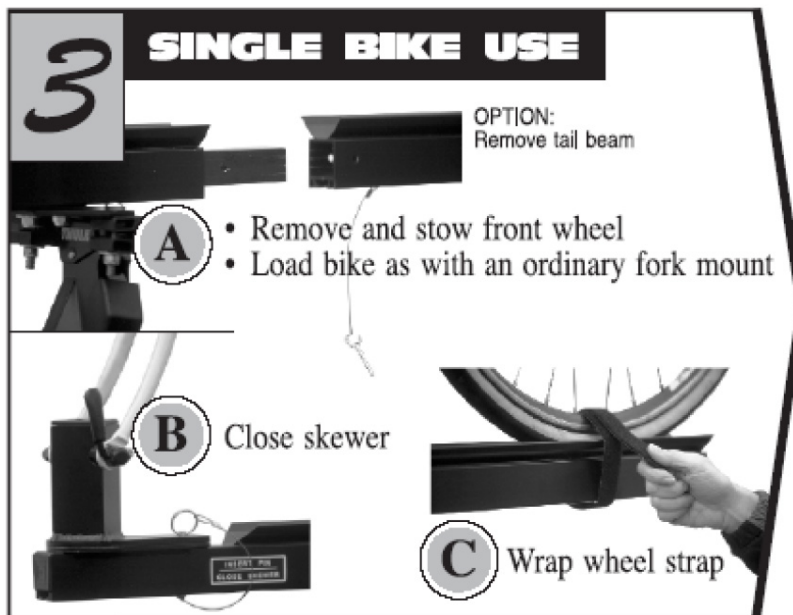
**G** Wrap wheel strap  
NOTE: When not in use, wrap strap around beam



**H** Reinsert pivot pin



**CAUTION!** Make sure both pivot pin & tail beam pin are inserted



## INSTALLATION TIP

To maximize the loading clearance between your tandem or recumbent and the side of your car, your Tandem Topper should be positioned so that it straddles your base rack's load bar support towers as pictured in steps 1c-1e of the Topper's directions. Your Tandem Topper's brackets will straddle the majority of support towers on the market. The exceptions are the Yakima LowRider tower, and Thule 450, 415, & 750 series towers. If your base rack uses one of these towers you may want to use Atoc's Wide Tower Adapter Bracket Kit. The WTAB Kit will improve your loading clearance by letting your Tandem Topper straddle the load bar towers. Without the WTAB Kit you will have to position your Tandem Topper completely inboard of the towers.

To purchase a WTAB Kit please see your local Atoc dealer. WTAB Kits may also be obtained from Atoc for \$13.99 (US) plus \$5.00 s/h.

Atoc Inc. • 6615 180<sup>th</sup> St SW • Lynnwood, WA 98037 • (425) 745-2131 • [www.Atoc.com](http://www.Atoc.com)

MNL0015, WTAB Kit Inst, Rev D.doc

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When using Thule Load carriers and accessories, the user must understand the precautions. The points listed below will assist you in using the rack system and will encourage safety.

- For quality fits and safety, use only the recommended rack or accessory as stated in Thule's current Fit Guide. Do not assume a rack will fit, always check the current Fit Guide when obtaining a new vehicle.
- The maximum load specified in the assembly instructions is not to be exceeded. However, this limit is always subordinate to the maximum load recommended by the manufacturer of the car itself. It is always the lower maximum recommended load that applies. **Max roof load = load carrier weight + any fitted carrier accessories + the weight of the load itself.**
- Always make sure all doors are open when mounting a roof rack system. Make sure all knobs, bolts, screws, straps, and locks are firmly attached, tightened and locked before every trip. Knobs, bolts, screws, straps and locks must be periodically inspected for signs of wear, corrosion, and fatigue. Check your load at stops during the trip to ensure continued fastening security.
- Check local and state laws governing projection of objects beyond the perimeter of a vehicle. Be aware of the width and height of your cargo since low clearance branches, bridges, and parking garages can affect the load. All cargo will affect the vehicle's driving behavior. Never drive with any lock, knob or rack in an open or unlocked position. All long loads such as, but not limited to, sailboards, surfboards, kayaks, canoes, and lumber must be tied down front and rear to the bumpers or tow hooks of the vehicle.
- Remove your Thule rack and accessories when they are not in use and before entering automatic car washes.
- All locks must be turned and moved periodically to ensure smooth operation. Use graphite or dry lubricant to help this. Thule locks are designed to deter vandalism and theft but should not be considered theft proof. Remove valuable gear if your vehicle is unattended for an extended period. Place at least one key in the glove compartment.
- For safety to your vehicle and rack system, obey all posted speed limits and traffic cautions. Adapt your speed to the conditions of the road and the load being carried.
- Do not use Thule load carriers and accessories for purposes other than those for which they were designed. Do not exceed their carrying capacity. Failure to follow these guidelines or the product's instructions will void the warranty.
- All loads must be secured using the provided straps.
- Consult with your Thule dealer if you have any questions regarding the operations and limits of Thule products. Review all instructions and warranty information carefully.
- Not for use on trailers or towed vehicles.
- Not for offroad use.
- Keep bicycle tires away from hot exhaust.

THULE will warranty all THULE brand car rack systems and its accessories manufactured by THULE during the time that an original retail purchaser owns the product. This warranty terminates if a purchaser transfers the product to any other person.

Subject to the limitations and exclusions described in this warranty, THULE will remedy defects in materials or workmanship by repairing or replacing, at its option, a defective product without charge for parts or labor. In addition, THULE may elect, at its option, not to repair or replace a defective product but rather issue to a purchaser a refund equal to the purchase price paid for the product or a credit to be used toward the purchase of a new THULE load carrier system.

No warranty is given for defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, or modification of, or any types of repair of, a load carrier system other than those authorized by THULE.

No warranty is given for defects resulting from conditions beyond THULE's control including, but not limited to, misuse, overloading, or failure to assemble, mount or use the product in accordance with THULE's written instructions or guidelines included with the product or made available to the purchaser.

In the event that a product is defective, the purchaser should contact the THULE dealer from whom the product was purchased or an Authorized Thule Service Center. If the dealer or Authorized Thule Service Center is not able to correct the defect, the purchaser should contact THULE in writing or by phone using the contact information listed at the bottom of this page.

In the event that a product needs to be returned to THULE, a THULE technician at the address or telephone number listed below will provide the purchaser with the appropriate mailing address and any additional instructions. Please note that the purchaser will be responsible for the cost of mailing the product to THULE and that proof of purchase in the form of an original purchase invoice or receipt and a detailed description of the defect must be included in the mailing.

#### DISCLAIMER OF LIABILITY

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SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT BE APPLICABLE.

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