



ROOFTOP CROSSBARS - 53 in. for Flush Roof Rails

INSTRUCTION MANUAL



⚠ WARNING

**READ AND UNDERSTAND THIS INSTRUCTION MANUAL
PRIOR TO USING THIS PRODUCT. FAILURE TO DO SO MAY
RESULT IN SERIOUS INJURY OR DEATH.**

Keep this instruction manual for future reference.

This instruction manual is intended for your benefit. Please read and follow the safety, installation, maintenance and troubleshooting steps described within to ensure your safety and satisfaction. The contents of this instruction manual are based upon the latest product information available at the time of publication. The manufacturer reserves the right to make product changes at any time without notice. "Tool" in this manual refers to the product on the front page.

The safety instructions provided in this manual are not intended to cover all possible conditions and practices that may occur when operating, maintaining and cleaning power equipment.

Always use common sense and pay particular attention to all the DANGER, WARNING, CAUTION and NOTICE statements in this manual.

WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE	Addresses practices not related to personal injury.
CAUTION	

INTENDED USE

Designed to fit most vehicles that are equipped with flush roof side rails that run along the length of the roof, from front to back, the Rooftop Crossbars are intended to attach between the rails to accommodate larger carriers such as rooftop boxes, bins, cargo bags and nets or, with other accessories, items such as kayaks and bicycles.

SPECIFICATIONS

Specification	Value	Specification	Value
Overall Dimensions	53 in. x 4-5/16 in.	Securing Type	Flush Roof Rails Required
Recommended Maximum Load Capacity:	165 Lbs.	Material	Powder-Coated Extruded Aluminum

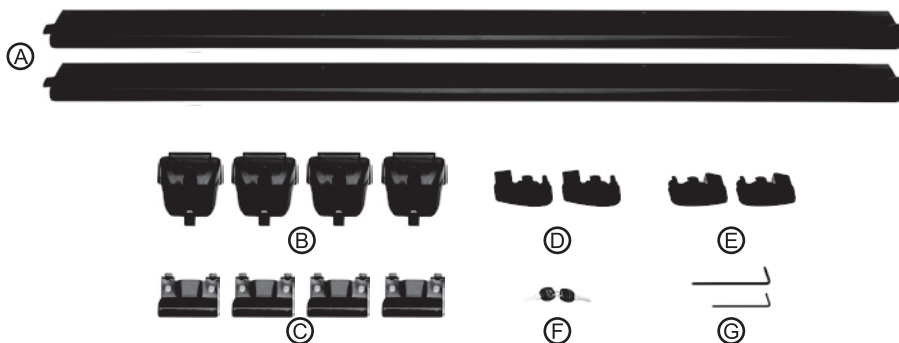
UNPACKING & INSPECTION

When unpacking, please inspect the product carefully to ensure the product is intact and undamaged. If any parts are missing or broken, please call 1-800-386-0191 as soon as possible.

! WARNING Do not use this product if damaged during shipment, handling, or after misuse. Do not use the product until the parts have been replaced or the fault rectified. Failure to do so may result in serious personal injury or property damage.

Remove the parts and accessories from the packaging and inspect for damage. Make sure that all items in the contents are included.

Package contents : A. Crossbar Rails (2 pcs) C. Crossbar Clamps (4 pcs) F. Keys (2 pcs)
B. Crossbar Mounts w/ Clamps (4 pcs) D. Crossbar End, Left (2 pcs) G. Installation Tools (2 pcs)
E. Crossbar End, Right (2 pcs) H. Instruction Manual (1 pc)



GENERAL SAFETY RULES

! WARNING

READ ALL SAFETY WARNINGS AND ALL INSTRUCTIONS. Failure to follow the warnings and instructions may result in electric shock, serious injury and/or DEATH.

SAVE THIS MANUAL FOR FUTURE REFERENCE.

INSTALLATION SAFETY

- **Improper installation may result in serious injury or death.** Follow these instructions to ensure proper installation on your vehicle and safe use of the Crossbars.
- **Do not overload.** Contact your vehicle manufacturer or review your vehicle and crossbar manual for specified loading capacities.
- **Park the vehicle on a flat surface.** Engage the parking brake and turn off the engine before installing.
- **Perform Installation in a safe work environment.** Keep your work area clean, well-lit and free of distractions. Place lights so you are not working in a shadow.
- **Keep children and bystanders away while working.** Distractions may result in injury.
- **Do not overreach.** Keep proper footing and balance at all times.
- **If working alone, always arrange to have someone check on you at pre-arranged, regular intervals.**
- **Do not let familiarity gained from frequent use/installation allow you to become complacent and ignore basic safety principles.**
- **If using a step ladder to install, follow all safety guidelines for working on a step ladder.**

SPECIFIC SAFETY WARNINGS

! WARNING

DO NOT EXCEED THE MAXIMUM LOAD CAPACITY OF 165 LBS (75 KG). Refer to the vehicle's owner manual and ensure the load does not exceed the vehicle's maximum load capacity.

- Do not exceed your vehicle's rated roof capacity. Contact your vehicle manufacturer or review your vehicle and cargo carrier manual for specified loading capacities.
- Check local state or provincial laws governing projection of objects beyond the perimeter of a vehicle.
- Low branches, bridges, and parking garages can become a hazard. Always remain aware of the width and height of your cargo and vehicle.
- Never attempt to go through a car wash with the crossbars installed.
- Use only on vehicles with raised side rails that run along the sides of the vehicle roof from front to back.
- Do not use to transport flammable materials, people or animals.
- Do not exceed 60 MPH (95 km/h) when using.
- Do not use if worn or damaged. Inspect for signs of wear and damage before each use. Only use identical replacement parts approved by the manufacturer.
- Due to potential of load shifting while the vehicle is in motion or after any sudden unexpected bump, jolt or shock, periodically check the load and crossbars and adjust as needed.
- Do not concentrate load on one crossbar or on one side. Distribute the load evenly between the crossbars and from side to side.
- Carrying items on the roof of a vehicle will affect vehicle handling and stability. Avoid heavy braking, acceleration, and cornering.
- Avoid carrying items in strong crosswind situations.
- Never move a vehicle that has loose cargo on the crossbars. Ensure anchor points, tie-downs, and straps have adequate strength to prevent movement of the load.
- Do not keep the crossbars on the vehicle for an extended period of time. Store the crossbars in a dry area when not in use.
- Do not allow any part of the load to overhang from the ends of the crossbars.
- Maintain a low load profile. High profile loads create unpredictable wind resistance and can create hazardous conditions.
- Always beware of the clearance between the cargo carrier and the vehicle roof before operating the sunroof (if equipped). Failure to do so may cause damage to the sunroof or cargo carrier.

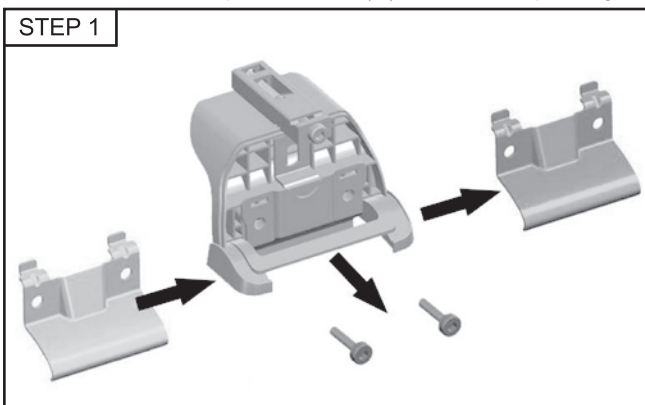
INSTALLATION

! WARNING

PROPER ATTACHMENT AND INSTALLATION OF THIS PRODUCT IS CRITICAL. The owner is responsible for any damage or injury that may occur from improper attachment and installation.

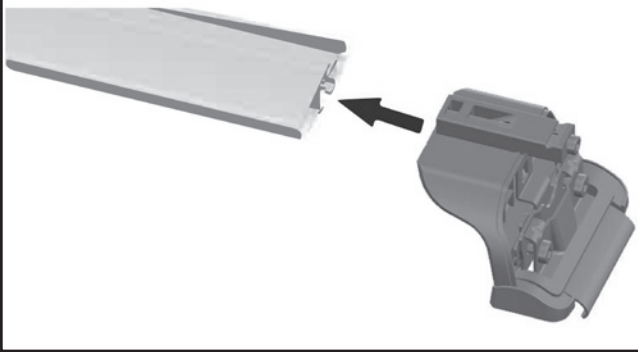
Letters in parenthesis (A) refer to the package contents listed in the Unpacking & Inspection section.

STEP 1



STEP 1: The Crossbar Mounts (B) include a standard sized Crossbar Clamp. Depending on your vehicle's design, it may be necessary to change to the other included Crossbar Clamp (C). Check that the Crossbar Mounts fit the flush roof side rails on your vehicle by using the keys to remove the locking cover, then loosening the two clamping screws and placing the Crossbar Mount onto the rail. After determining which Crossbar Clamp to use, ensure all 4 Crossbar Mounts have the same size Crossbar Clamp installed.

STEP 2



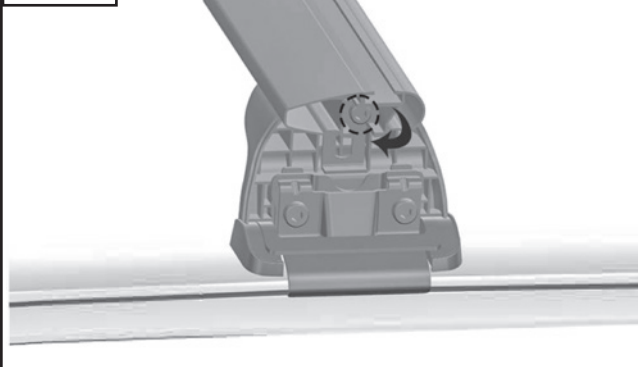
STEP 2: Remove the locking cover on the remaining Crossbar Mounts (B), loosen the clamp screws, then install two Crossbar Mounts (B) by sliding them onto the bottom slot of the Crossbar (A).

STEP 3



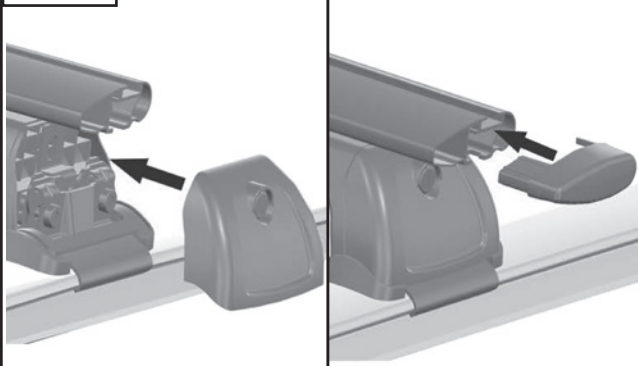
STEP 3: Place the semi-assembled Crossbar onto the vehicle roof with the thicker side of the crossbar facing the front of the vehicle, and engage the clamps onto the Flush Roof Side Rails of the vehicle. Check that the clamp is hooked onto the Side Rail and tighten the two clamp screws one side, then the other.

STEP 4



STEP 4: Adjust the position of the crossbar so that there is an equal amount of overhang on both ends, then tighten the top screw of each Crossbar Mount (B) so that the Crossbar (A) is held tightly to the Crossbar Mount (B). Check that the crossbar is securely in place by pulling up and down and pushing the Crossbar Mount forward and backward. The crossbar and mounts should not move.

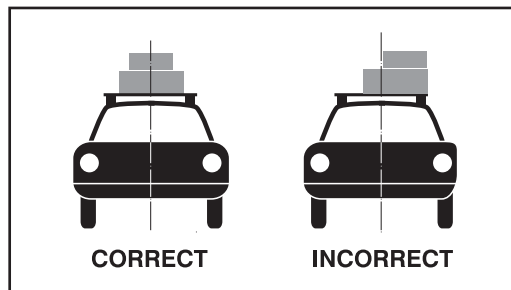
STEP 5



STEP 5: Install the locking cover and lock in place with the Keys (F). Install the Crossbar Ends (D & E) on the right and left ends of the Crossbar(A). Repeat steps 2 through 5 for the other crossbar.

! WARNING

DURING USE, PERIODICALLY CHECK THAT THE CROSSBARS AND CARGO ARE SECURELY HELD IN PLACE AND WILL NOT DETACH FROM THE VEHICLE. DO NOT DRIVE THE VEHICLE UNTIL THE CROSSBARS AND CARGO ARE FULLY SECURED.

**! WARNING**

When using, always keep the load centered between the Crossbar Mounts, and centered between the crossbars from front to back. Ensure any load placed on the crossbar is evenly distributed and does not protrude over the ends. Be sure to check your state or provincial laws governing projection of objects beyond the perimeter of a vehicle.

! WARNING

Do not exceed the maximum load capacity of 165 lbs (75 kgs). Do not exceed 60 MPH (95 km/h) when using crossbars.

MAINTENANCE AND STORAGE

MAINTENANCE:

BEFORE EACH USE, examine the general condition of the Crossbars. Inspect for:

- Damage to the clamps, including the ability to loosen and tighten. If desired, apply a small amount of grease to the fasteners to help prevent rust.
- Check that the clamps are correctly engaged to the side rails of the vehicle. Check that both crossbars are tight and without movement.
- Check that there is no bending of either crossbar when mounted to the vehicle or when a load is placed onto the crossbars.
- Once per year, use a silicone spray lubricant with a spray straw to spray into each locking mechanism. Insert the spray straw into the key hole and spray one or two short bursts into the lock, then insert the key and operate the lock a few times. After lubrication, wipe away any excess lubricant.

CLEANING AND STORAGE:

- Clean the crossbars using soap and water. Wipe dry or allow the bars and clamps to air dry completely before storage.
- Keep the key and lock mechanisms clean and free of debris after each use by wiping with a damp cloth. Follow the lubrication instructions periodically and at least once per year.

DISPOSAL

Recycle a crossbar that is damaged beyond repair at the appropriate facility.

Contact your local municipality for a list of disposal facilities or by-laws for electronic devices, batteries, oil or other toxic liquids.

IMPORTANT! DO NOT pollute the environment by allowing uncontrolled discharge of waste oil.

90 DAY LIMITED WARRANTY

Star Asia-USA, LLC (hereinafter “seller”) warrants to the original purchaser only, that this product will be free from defects in material or workmanship for a period of 90 days from date of purchase for home domestic use.

Warranty Performance

Warranty coverage is conditioned upon purchaser furnishing seller or its authorized service center with adequate written proof of the original purchase date. Products returned, freight prepaid and insured, to our factory or to an Authorized Service Center will be inspected and repaired or replaced, at seller’s option, free of charge if found to be defective and subject to warranty. Defective parts not subject to normal wear and tear will be repaired or replaced, at our option during the above stated warranty periods. In any event, reimbursement is limited to the purchase price paid. Other than the postage and insurance requirement, no charge will be made for repairs or replacements covered by this warranty. Under no circumstances shall the manufacturer bear any responsibility for loss of the unit, loss of time or rental, inconvenience, commercial loss or consequential damages, There are no warranties which extend beyond the description of the face hereof.

Exclusions

This warranty does not cover parts damaged due to normal wear, abnormal conditions, misapplication, misuse, abuse, accidents, operation at other than recommended pressures or temperatures, improper storage of freight damage. Parts damaged or worn by operation in dusty environments are not warranted. Failure to follow recommended operating and maintenance procedures also voids warranty. Additional items not covered under warranty: product failure caused by rain, excessive humidity, corrosive environments or other contaminants; cosmetic defects that do not interfere with product’s functionality. This warranty shall not apply when: the product has been used for commercial or rental purposes; defects in materials or workmanship or damages result from repairs or alterations which have been made or attempted by others or the unauthorized use of nonconforming parts; this damage is due to abuse, improper maintenance, neglect or accident; or the damage is due to use of the product after partial failure or use with improper accessories. Warranty does not apply to accessory items. Seller will not be liable for: labor charges, loss or damage resulting from improper operation, maintenance or repairs made by persons other than a Star Asia-USA, LLC Authorized Service Center. The use of other than genuine Star Asia-USA, LLC repair parts will void warranty.

Warranty Disclaimers

NO WARRANTY, ORAL OR WRITTEN, OTHER THAN THE ABOVE WARRANTY IS MADE WITH REGARD TO THIS PRODUCT, ANY IMPLIED WARRANTIES OF SELLER REGARDING THIS PRODUCT INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. BUYER’S OR USER’S REMEDIES ARE SOLELY AND EXCLUSIVELY AS STATED ABOVE. STAR ASIA-USA, LLC SHALL IN NO EVENT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT, OR SPECIAL DAMAGES. IN NO EVENT, WHETHER AS A RESULT OF A BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, SHALL SELLER’S LIABILITY EXCEED THE PRICE OF THE PRODUCT WHICH HAS GIVEN RISE TO THE CLAIM OR LIABILITY. ANY LIABILITY CONNECTED WITH THE USE OF THIS PRODUCT SHALL TERMINATE UPON THE EXPIRATION OF THE WARRANTY PERIODS SPECIFIED ABOVE.

Limitations on Warranty Disclaimers

Any implied warranties shall be limited in duration to 90 days from the date of purchase. In some states of the U.S.A. and in some provinces of Canada there is no limitation for how long an implied warranty is valid, so the aforementioned limitation may not apply to you. In no event shall a seller be liable for any incidental or consequential damages (including but not limited to liability for loss of profits) arising from the sale or use of this product. In some states of the U.S.A. and in some provinces of Canada the exclusion or limitation of incidental or consequential damages is not allowed, so that aforementioned limitation or exclusion may not apply to you.

This Limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state in the U.S.A., Canada and the Commonwealth of Puerto Rico. For warranty coverage within other countries, contact your local star Asia-USA, LLC dealer or importer.

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