

Cheetah Crossbars Installation Guide

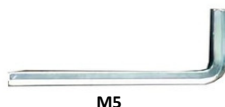
For 2023 and beyond, Lexus RX Flush Roof Rails with mounting anchors

Rev20241115

Parts and Accessories

PART INDEX	QUANTITY	PARTS	DESCRIPTION
A	2		Front and rear aluminum crossbars, with the longer one designated for the front crossbar.
B1	1		Front Driver/Left Side Bracket and its anchor cover(FHL/LHF)
B2	1		Front Passenger/Right Side Bracket and its anchor cover(FHR/RHF)
C	1		Rear Driver/Left Side Bracket and its anchor cover(RHL/LHR)
D	1		Rear Passenger/Right Side Bracket and its anchor cover(RR/RHR)
E	4		Sticky sealing Foam (additional and optional spares)
F	4		M8X25 Bolts and washers, M6x4 Bolts. M4x4 Bolts and Keys

TOOLS INCLUDED



LEGEND



CAUTION: A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.



STOP: Damage to the vehicle may occur. Do not proceed until process has been complied with.



TOOLS & EQUIPMENT: Used in Figures calls out the specific tools and equipment recommended for this process.

Parts Assembling

B1.

- **Allocate the brackets and aluminum bars to their respective designated positions.**
- **The bar top with a ridgeline remains positioned on the side facing forward.**



A. Longer bar at the front if not equal

STEP 1



1. Ensure the keyhole in the cover lock remains vertical. Gently pull the cover slightly from the bottom, creating no more than an 8mm space. Subsequently, delicately slide the cover off the bracket starting from the top.

STEP 2



2. Position the bracket on the right side of the bar and insert a bracket fillet into the aluminum bar tube until the plastic clip audibly clicks into the hole at the end.

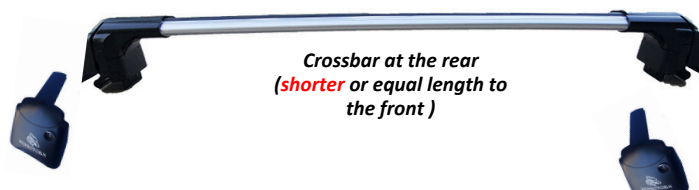
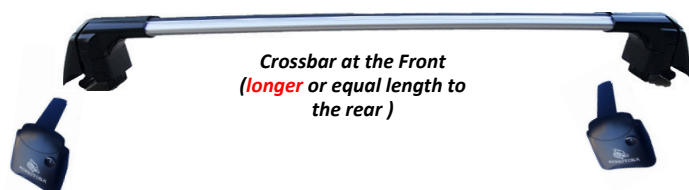
Check section 4 if need to take it off.

STEP 3



Repeat steps 1 and 2 to complete the assembly of brackets and bars as depicted below.

Assembled Crossbars



- Ensure that all bolts on each bracket are loosely fastened without disconnection presently.
- Verify that the aluminum bar can be adjusted inward or outward within the bracket.

Additional Attention Before Installation



The package includes two key components essential for security purposes.

NOTE: When the lock slot of the key is in a vertical position, it indicates an unlocked state. Conversely, when the slot of the key is horizontal, it signifies a locked position.



- The plastic clips are not necessary for the curved aluminum bars. The two plastic clips included in the packaging are intended as spares and are not mandatory for use.

NOTE:



The package includes four pieces of sticky foam for optional use.

NOTE: The Sticky Foam tape serves as an optional solution to address gaps or prevent scratching under the clamp. If deemed necessary, the tape can be applied to areas on the roof rail that require additional protection.



- When removing the plastic cover, employ a pryer or a small flat screwdriver to delicately detach it at the specified locations.
- Subsequently, examine the mounting hole and the nearby post within each slot - FHL, FHR, RHL, RHR.
- Position the bracket and its cover plate in relation to the mounting anchor, considering their placement according to length and mounting side.
Shorter plate covers are designated for the front brackets, while longer plate covers are intended for the rear brackets.
- Additionally, distinguish a shorter bar for the rear and a longer bar for the front.

Tips for Assembling

Please label all brackets and their corresponding plate covers after inspection.

Please assign labels to each position as follows:

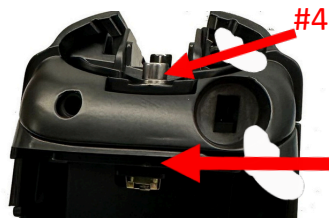
- Left Front. - FHL
- Right Front - FHR
- Left Rear - RHL
- Right Rear - RHR

Each plate cover corresponds precisely to its assigned slot on the roof rails.

Tips for installing

Mount the bolts into the holes using your fingers carefully to ensure all threads are aligned accurately before securing them in place with an Allen key.

MOUNT CROSSBARS ON ROOF RAILS



using a tape to secure the spacer if it is off the bottom.



1. Loosen the bolt #4 at the top of the bracket.
2. Remove the U-shaped plate from the bracket.



3. Mount the U-shaped plates using M8 bolts and washers onto the designated slots, ensuring alignment from the top.

**NOTE:**

**Position the open side of the U-shaped plate outward.
Repeat this procedure for both the left and right brackets.**



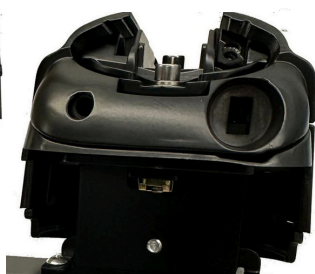
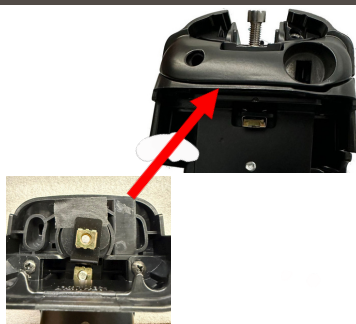
4. Securing the ear-shaped plate to the U-shaped plate using an M6 bolt in the rear slot. Ensure the bolt remains loose until the plates are correctly aligned.



- 5.1 Position the flat plates in their designated spots, ensuring the edges align precisely with the slots.
- 5.2 Place the ear-shaped plate on top of the flat plate and secure both plates using an M4 bolt.
- 5.3 Ensure the flat plates are correctly seated in the slots, then lower the ear-shaped plate to the base and fasten the M6 and M4 bolts using a Phillips screwdriver.

**NOTE:**

Applying red sticky tape to the bottom of the ear-shaped plates or areas with gaps can be a suitable solution.



6. Position the assembled crossbar brackets on the stationary U-shaped plates.

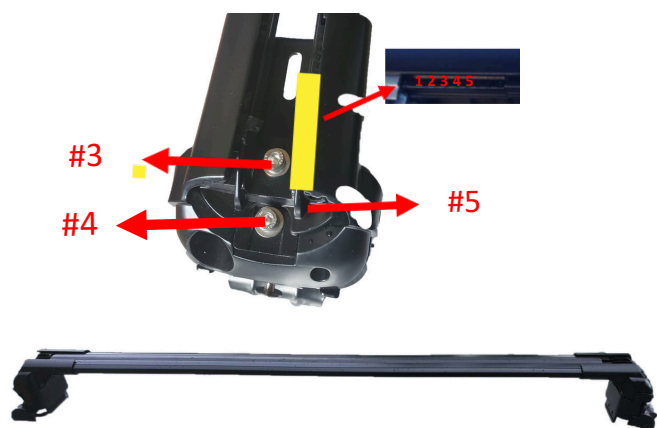
- ensure the Spacer staying at the bottom of the bracket
- Insert the Z-plate (the plate containing a nut within a clip) through the rear aperture of the U-shaped plate,
- then pass the bolt through the spacer, then U-shaped plate to reach the nut located at the base.
- Ensure that the ridged side of the bar remains oriented towards the front.



7. Place the rubber pad at the front of the U-shaped plate, then align the bracket back cover with the slot on the rubber edge.

**NOTE:**

- Please refrain from over-tightening bolts and consider avoiding power tools to prevent damage to the components.



8. Sliding the aluminum bar between the left and right brackets, ensuring alignment with the measurement mark on the top of each bracket, until the bar achieves balance on both sides.



9. Ensure that the rubber and the bracket back cover are securely seated before tightening the bolts numbered 3, 4, and 5.

10. INSTALL THE COVERS

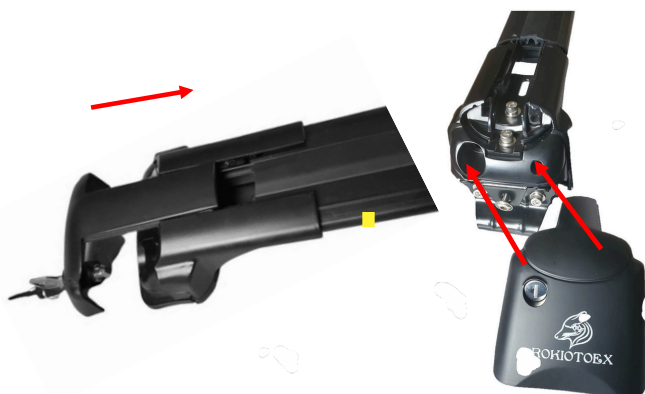
- To correctly install the cover, gently slide it into the bracket from the top.
- Ensure that the hole aligns with the plastic pole inside the cover.
- Utilize a key to adjust the lock keyhole to a vertical position.
- Press down on the cover above the Coyote mark until the plastic pole enters the hole in the bracket.
- Verify that the cover fits snugly against the bracket without significant gaps around its edges or underneath.
- Rotate the key 90 degrees clockwise to secure the cover.

For a tighter fit, consider applying paper tape to the tip of the plastic pole to minimize the gap between the two split sides before placing the cover on the bracket.



NOTE: DO NOT over-turn the key or use so much force to turn the

- key if it is hard to rotate, in that case, check the cover gap and slightly turn the key left or right to identify the correct rotating direction.





- DO NOT TAKE OFF BRACKETS FROM THE BAR BY FORCE.
- REFER TO THE DISASSEMBLY SECTION BELOW TO TAKE OFF THE BRACKET FROM THE BAR.
- **Adjust the bracket position to the front or rear a bit to level the crossbar top surface at a horizontal level if A loud noise yields when driving at 60~80 KMH.**

Disassemble Bracket from Aluminum Bar



1.

- Please fully loosen both bolts using Allen keys on each end.



2.

- Slide the outer part of the bracket into the center of the bar, ensuring that the inner part of the fillets is exposed by the plastic clip within the slot.



3.

- Utilize a small Allen key to depress the top of the plastic clip, enabling it to disengage from the slot. Subsequently, gently slide out the inner component from the tube.

SUPPORT

Visit <https://rockautoaccs.com> for more products

Contact at rockmautox@gmail.com for any concerns or problems in Canada.

SAFETY NOTES

Never Exceed the manufacturer's roof rack load limit.

Ensure load is evenly distributed between the two crossbars and that it is as low as possible refer to specification.

Confirm lightness every 1000 km, periodically check that the load is secure and crossbars are securely tightened. correct orientation.

Ensure that the crossbar are installed in Ensure that the crossbars are fully installed to the side supports with no gaps.

ROKIOTOEX will warranty all ROKIOTOEX brand car rack systems and its accessories manufactured by ROKIOTOEX 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, ROKIOTOEX 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, ROKIOTOEX 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 ROKIOTOEX 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 ROKIOTOEX.

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

No warranty is given for Rokioetox products purchased outside of the United States, Canada and Mexico.

In the event that a product needs to be returned to ROKIOTOEX, a ROKIOTOEX technician listed at the address or telephone number above 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 ROKIOTOEX 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

REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT OR THE ISSUANCE OF A REFUND OR CREDIT (AS DETERMINED BY ROKIOTOEX) IS A PURCHASER'S EXCLUSIVE REMEDY UNDER THIS WARRANTY. DAMAGE TO A PURCHASER'S VEHICLE, CARGO AND/OR TO ANY OTHER PERSON OR PROPERTY IS EXCLUDED.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ROKIOTOEX'S SOLE LIABILITY TO ANY PURCHASER IS LIMITED TO THE REMEDY SET FORTH ABOVE. IN NO EVENT WILL ROKIOTOEX BE LIABLE FOR ANY LOST PROFITS, LOST SALES, OR FOR ANY CONSEQUENTIAL, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OR FOR ANY OTHER DAMAGES OF ANY KIND OR NATURE.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT BE APPLICABLE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.