



COYOTE CROSSBARS

INSTALLATION GUIDE

*Fit Kia or Hyundai SUV flush roof rails with
panoramic sunroof*

Edition - 20250108

**PLEASE PAY ATTENTION TO THE
CONTEXT HIGHLIGHTED IN RED.**

PARTS AND ACCESSORIES

PART INDEX	QUANTITY	PARTS	DESCRIPTION
A	2		Aluminum - (FRONT & REAR) <i>The longer is for the front crossbar</i> <i>Some model package has the same length of the bars if the roof rail inside distance is equal</i>
B1	2		Assembled Type-A Brackets <i>(including M6x40mm bolts, Rubber base pads, Metal clamps, Plastic Clips, Covers with locks)</i>
B2	2		Assembled Type-B Brackets <i>(including M6x40mm bolts, Rubber base pads, Metal clamps, Plastic Clips, Covers with locks)</i>
C	2		Keys
D	2		Plastic Clips <i>(additional spares)</i>
E	4		Sticky Foam <i>(Optional)</i>
TOOLS INCLUDED		 M5	

VIDEO TUTORIAL



YouTube <https://bit.ly/4dMfO3H>

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.



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



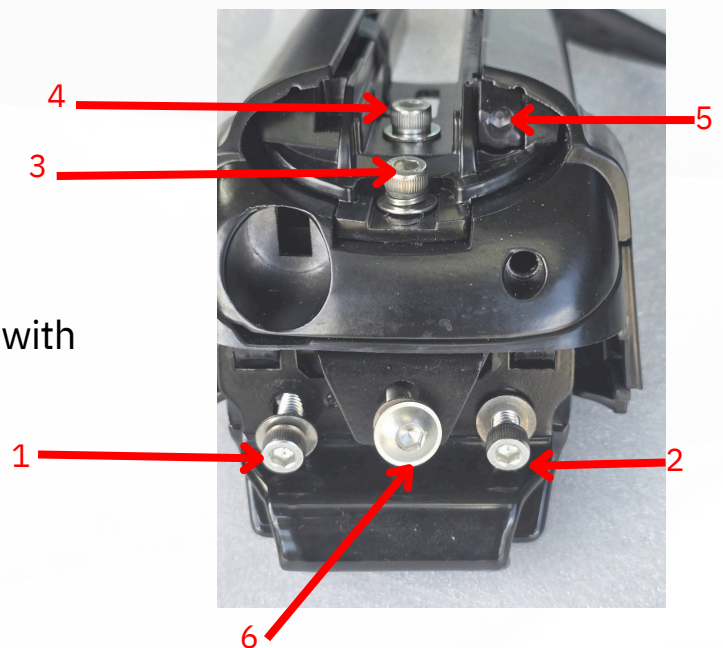
STOP: Damage to the vehicle may occur. Do not proceed until process has been compiled with.

HARDWARE CHECKING

Please check all bolts on a bracket and follow our instructions to ensure all accessories are in good condition before starting the assembling.

1

Identify all bolts on a bracket as marked with index numbers.



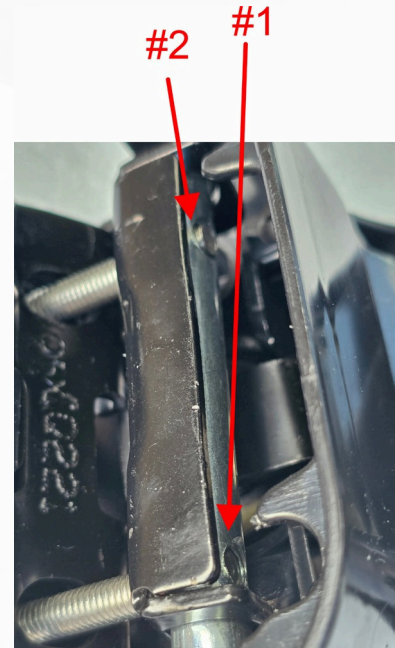
2

Using allen Key to turn the bolts in and out to ensure each bolt can go smoothly.



3

Loosen #1 and #2 bolts until their ends do not protrude from the end of the nuts but DO NOT come off the nuts. If it is hard to turn bolts of #1 and #2, check the bolt thread and fixing nut hole to ensure they are clean without dirt or residuals in threads.



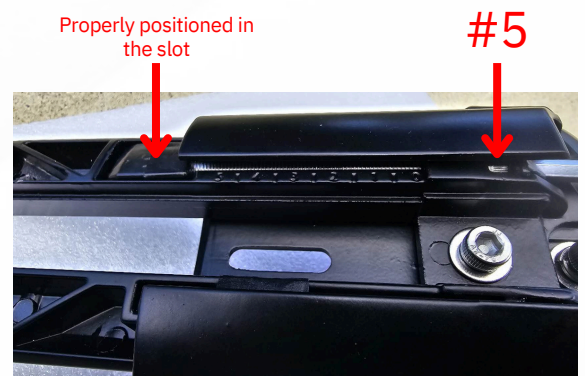
4

Loosen #3 and #4 bolts until their ends do not protrude from the end of the nuts but come off the nuts. If nuts for #3 and #4 are loose in the cage and cannot let bolts go through smoothly, use a plier to squeeze the cage clips or ensure the clip taps are in the hole of the metal plates.



5

Adjust the nut of the #5 bolt by tilting it with an Allen key to ensure it lays flat in the slot.



PARTS ASSEMBLING

- Allocate the brackets and aluminum bars as the illustration below, Type-A and Type-B brackets could be used either at the driver's side or passenger's side.
- The side of a bar with a ridgeline at the top stays at the front side • Loosen bolts to keep their ends not extending out of the nut but still safely mounted in.



STEP 01

Ensure the keyhole in the cover lock stays vertical. To remove the cover, gently pull it upwards from the bottom, creating a small gap of no more than 8mm. Then, slide the cover off the bracket from the top.



STEP 02

Ensure the bracket is on the right side of the bar. Insert a bracket fillet into the aluminum bar tube until you hear a click of the plastic clip going into the hole at the end. Plastic clips could be removed or not used.

⚠ Check section 4 if you need to take it off.

STEP 03

Repeat steps 1 and 2 to all brackets then finish the assembly of brackets and bars, as illustrated below.

⚠ **PLEASE NOTE:** Tighten the bolts in the tube until the bar is not sliding between brackets.



ASSEMBLED CROSSBARS



- Keep all bolts loose but not disconnected on each bracket now;
- Ensure the aluminum bar can move inward or outward in the bracket in an adjusting condition.
- Plastic clip tips stay in the holes of the bar ends if the bar is not in an arc shape

ADDITIONAL ATTENTION BEFORE INSTALLATION

⚠ NOTE

The package includes two essential keys for security purposes.

When the lock slot of the key is VERTICAL, it means UNLOCK. If the key hole is at vertical position, the lock is at unlock position.



⚠ NOTE

The two plastic clips provided in the package are intended for spare use exclusively.

If you do not find a Plastic Clip inside the bracket, please use the spare plastic clip included in the package and insert it into the slot. You can also ignore this plastic clip completely. Without the plastic clips, it is easy to get the brackets off the bars.



⚠ NOTE

These four pieces of sticky foam are optional accessories for additional protection if required.

The Sticky Foam tape is an optional accessory that is placed under the plates to prevent any gaps or scratching.



MOUNT CROSSBARS ON ROOF RAILS

Place a blanket or protective layer under the bracket or on the rooftop to prevent any scratches or damage to the vehicle's body.



1 Installing assembled crossbars with Brackets

- Insert the Rubber Pad:
 - Place the rubber pad between the clamps.
 - Position the Crossbars (Close to the Door Pillar)
 - Place the crossbars on the roof rails at the designated mounting points.
- Or
- Allocate the appropriate positions for mounting the brackets on the side rails.

2

- Recommended Distance Between Bars:

The distance between the two bars should be between 24" and 34".

- Positioning of Bars:

Avoid placing the bars at the extreme front or rear ends of the rails. Ensure that there is a minimum of 1" to 2" space from the end of the rails.

3

Ignore this step #3 if there are no M6 mounting holes with threads on factory roof rails.

Remove #6 M6 bolts before moving on to the next step, and DO NOT put the M6 bolt back to the front hole during or after the installation

Relocating #6 M6 bolt from front to the back of the inside clamp if want to fix the bracket mounting position

Locate the Mounting Hole:

- Find the mounting hole in the roof rail inside the vehicle. This is the spot where you will attach the bracket.

Remove the Plastic Plug:

- If a plastic plug is covering the mounting hole, use a flathead screwdriver or a similar tool to pry it out carefully. Handle the plug gently to avoid damaging the surrounding area.

Position the Bracket Clamps:

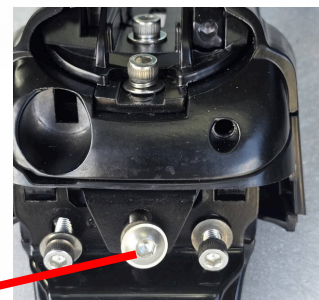
- Place the bracket clamps onto the roof rail, ensuring they are correctly positioned around or on the rail where the mounting hole is located.

Insert and Secure the Bolt:

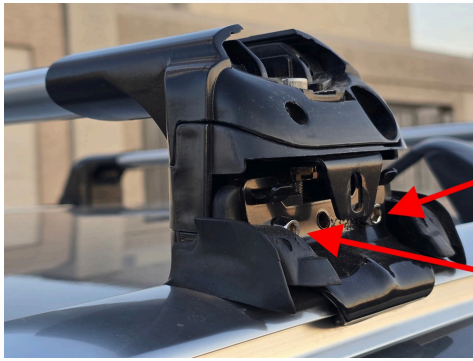
- Take the #6 bolt (confirm it's the correct size and type for your vehicle) and insert it into the mounting hole from the back.
- Initially, place the bolt through the hole in the bracket inside the clamp. Do not fully tighten the bolt at this stage.
- Ensure the brackets are correctly positioned before tightening the bolt. Once the brackets are correctly aligned and positioned, tighten the bolt to secure the clamp.

Final Check(Do this Step 6):

After you tighten the bolt, please check that the bracket clamps are firmly in place and that everything is securely mounted.



#6



Trim the rubber pads following the red line to be the one at the right one if the vehicle has a

Panoramic Sunroof interference concern

4 Loosen Bolts:

- Carefully loosen bolts #1 and #2 to create sufficient space for mounting the clamping plate onto the roof rail.

Position the Clamps:

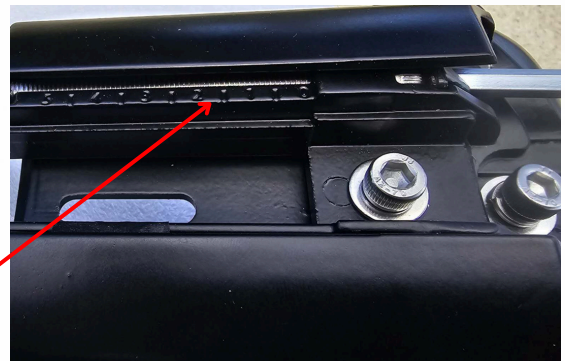
- Place the inside clamp behind the rail.
- Pull the outside clamp outward until it securely holds the outside groove.

<https://www.youtube.com/shorts/vjB28aQ9USQ>



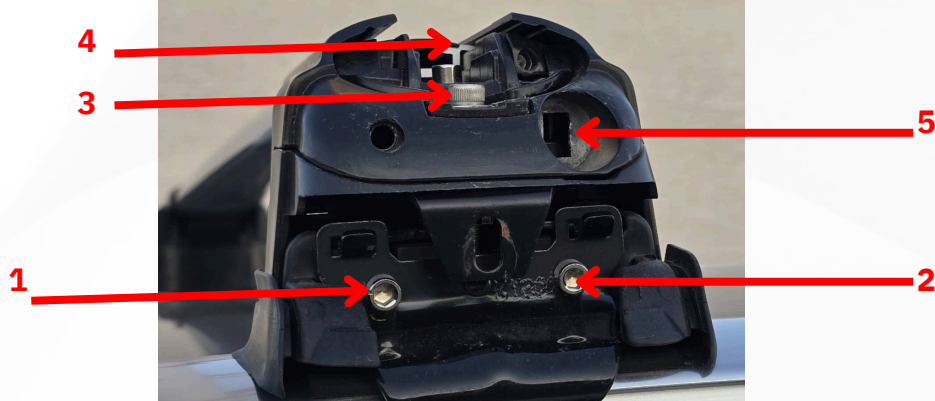
NOTE

- Loosen Bolts: Use an M5 Allen key to slightly loosen bolts #1 and #2 to expand the clamps.
- Do Not Remove Bolts: Ensure that bolts do not come off the fixing nut behind the clamps.
- Check Bolt Position: Insert a finger from the bottom to touch the bolt end. Adjust until the bolt does not extend beyond the nut hole.



5 Balancing and Securing Aluminum Bars

- Balance the Aluminum Bars:
 - Align the aluminum bars precisely at the center by matching them with the scales along the Scale line on the bracket.
 - Ensure that the distance is equal on both ends.
- Tighten Bolts:
 - Once balanced, delicately tighten bolts in the following order:
 - Bolt #3
 - Bolt #4
 - Bolt #5 (at the top right corner)



6

Fixing Brackets on Rails

- Verify Clamp Positions and Bar Distribution:
 - Ensure that the clamps are correctly positioned and that the bar is evenly distributed on both the left and right sides, both at the front and rear.
- Adjust Rubber and Plastic Covers:
 - Adjust the rubber at the base to ensure a snug fit.
 - Ensure that the back plastic cover corners on both the left and right sides align seamlessly with the rubber, with no gaps present.
- Fasten All Bolts:
 - Finally, securely fasten all bolts marked as #1 through #5.

NOTE



Caution:

- **Do Not Overtighten Bolts:** Avoid overtightening bolts to prevent damage to the parts.
- **Avoid Power Tools:** Refrain from using power tools to reduce the risk of damaging the components.



7

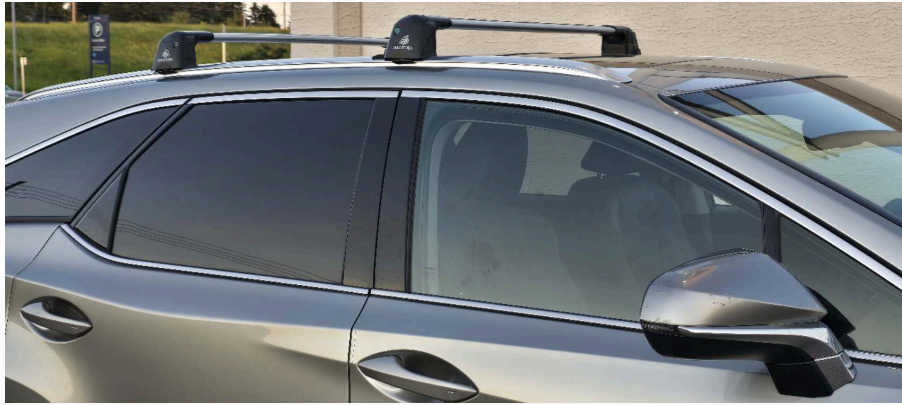
Installing Covers

- Prepare the Cover:
 - Smooth the tip of the plastic peg using sandpaper or a sharp blade to remove any rough edges or burrs.
- Insert the Cover:
 - Carefully insert the cover into the bracket from the top, ensuring the hole in the cover aligns properly with the plastic peg inside the bracket.
- Align the Keyhole:
 - Use a key to adjust the lock keyhole to a vertical position.
- Secure the Cover:
 - Gently press down on the cover above the Coyote mark until the plastic peg fits snugly into the bracket's hole.
 - Ensure that any space or gaps around the cover's edges, next to the rubber base or underneath, are minimized.
- Lock the Cover:
 - Rotate the cover 90 degrees clockwise to securely lock it in place.



FULL VIEW INSTALLATION

NOTE: DO NOT overturn the key or use too much force 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.

4

DISASSEMBLE BRACKET FROM ALUMINUM BAR

1

- Use Allen keys to fully loosen both bolts at each end.



2

- Slide the outer section of the bracket into the central area of the bar, then proceed to insert the inner fillet part with the plastic clip into a designated slot.



3

- Press the top of the plastic clip with a small size Allen key or pin to pop it out from the hole at the bar end.
- Slide out the inner part from the tube.



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 1000km, periodically check that the load is secure and crossbars are securely tightened.
- Ensure that that crossbar are installed in correct orientation.
- Ensure that the crossbars are fully installed to the side supports with no gaps

CONTACT SUPPORT

Contact our service support if you have any problems



<https://www.rokiotoex.com/spare-or-replacement-request/>



Visit <https://rokiotoex.com> for more info.



rockmautox@gmail.com (for any concerns or problems)