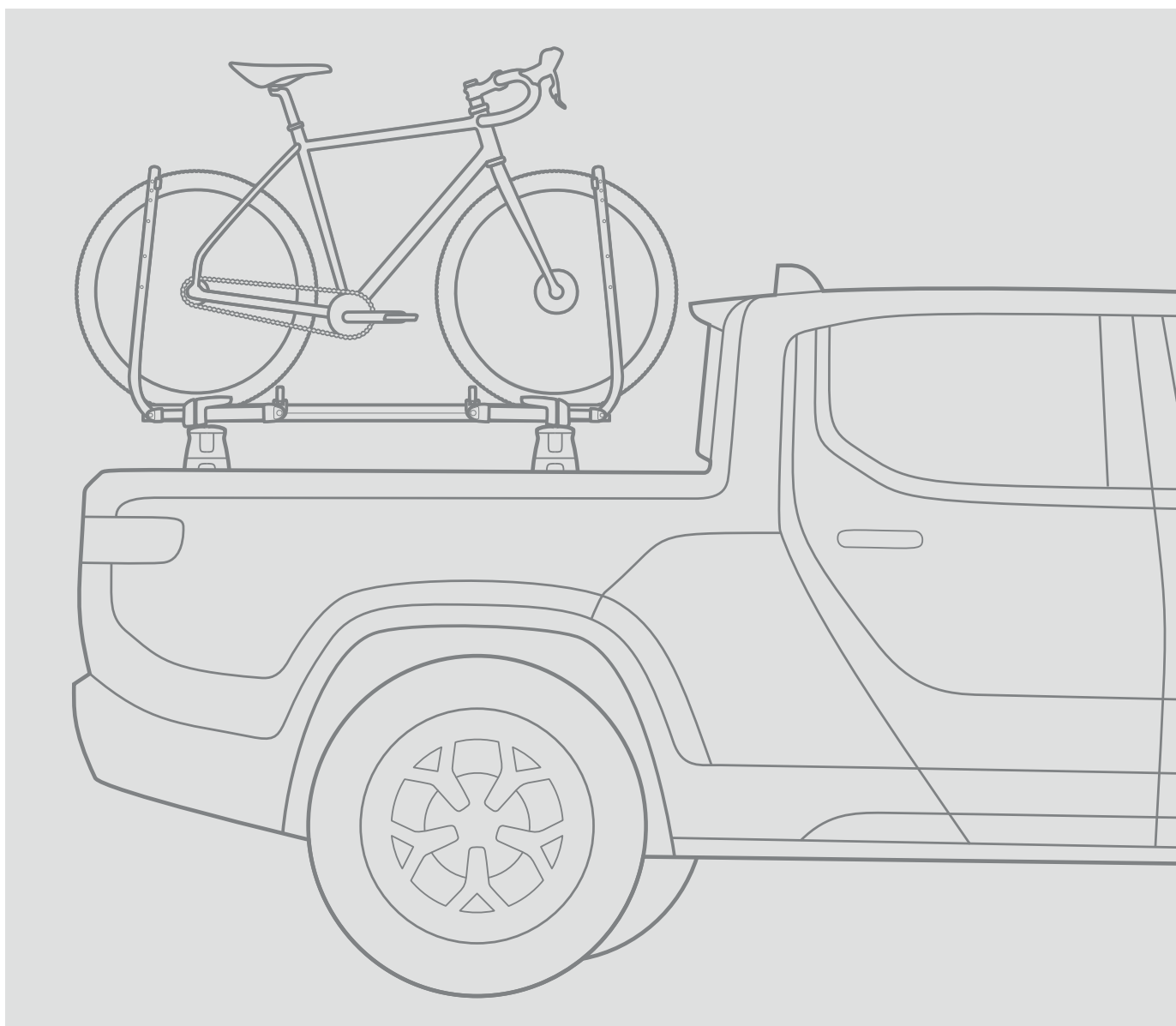


# KÜAT PISTON SR User Guide





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# Safety Information



## DANGER

Improper installation can cause the bike to fall during travel. Read and follow all the instructions and warnings in this document before installing the Küat® Piston® SR bike rack. Failure to do so can result in property damage, serious injury, or death.



## CAUTION

- Follow instructions for proper assembly, installation, and use.
- Check the tightness of all bolts and screws periodically.
- Make sure the rack is in working condition before each use.
- Don't use front tire bicycle fenders with this product without a Küat Fender Kit.
- Don't exceed the bicycle or weight limits intended for this rack.
- Don't use the rack with mounted bicycle off-road or on rough, washed out, boulder-and-rut-strewn backroads. (Smooth gravel roads are not considered off-road.)
- Don't use tarps, rain covers, or wind covers with this product.
- Don't take through an automatic car wash.
- Don't mount the bike rack vertically.
- Drive responsibly.

# Introduction

The Küat® Piston® SR bike rack with quick-connect mounts attaches to Rivian Cargo Crossbars installed on your Rivian R1T or R1S. Use it to secure and transport a bike on top of your vehicle.

This document tells you how to:

- Install Rivian quick-connect mounts on the rack
- Install the rack on the crossbars
- Load and secure a bike in the rack
- Unload the bike

## NOTE

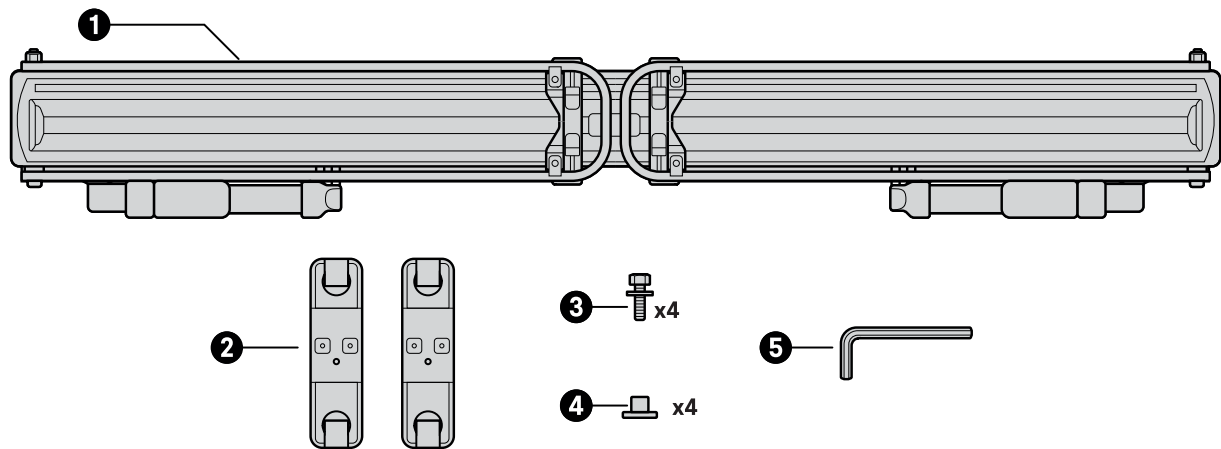
- You must install the Rivian Cargo Crossbars prior to performing this installation. See the [Rivian Gear Shop](#) to purchase the crossbars and the [Cargo Crossbars Guide](#) for installation information.
- The crossbars can accommodate two racks.

# Installation

The Küat® Piston® SR accommodates one bike with the following maximum specifications:

- Weight of 67 lb (30.4 kg)
- Wheelbase of 53 in (134.6 cm)
- Tire width of 5 in (12.7 cm)

## PARTS AND TOOLS



Item	Description
1	Piston SR bike rack
2	Rivian quick-connect mounts (2)
3	M6 bolts with washers (4)
4	T-nuts (4)
5	4 mm Allen wrench

## INSTALL THE ADVENTURE KEY SET

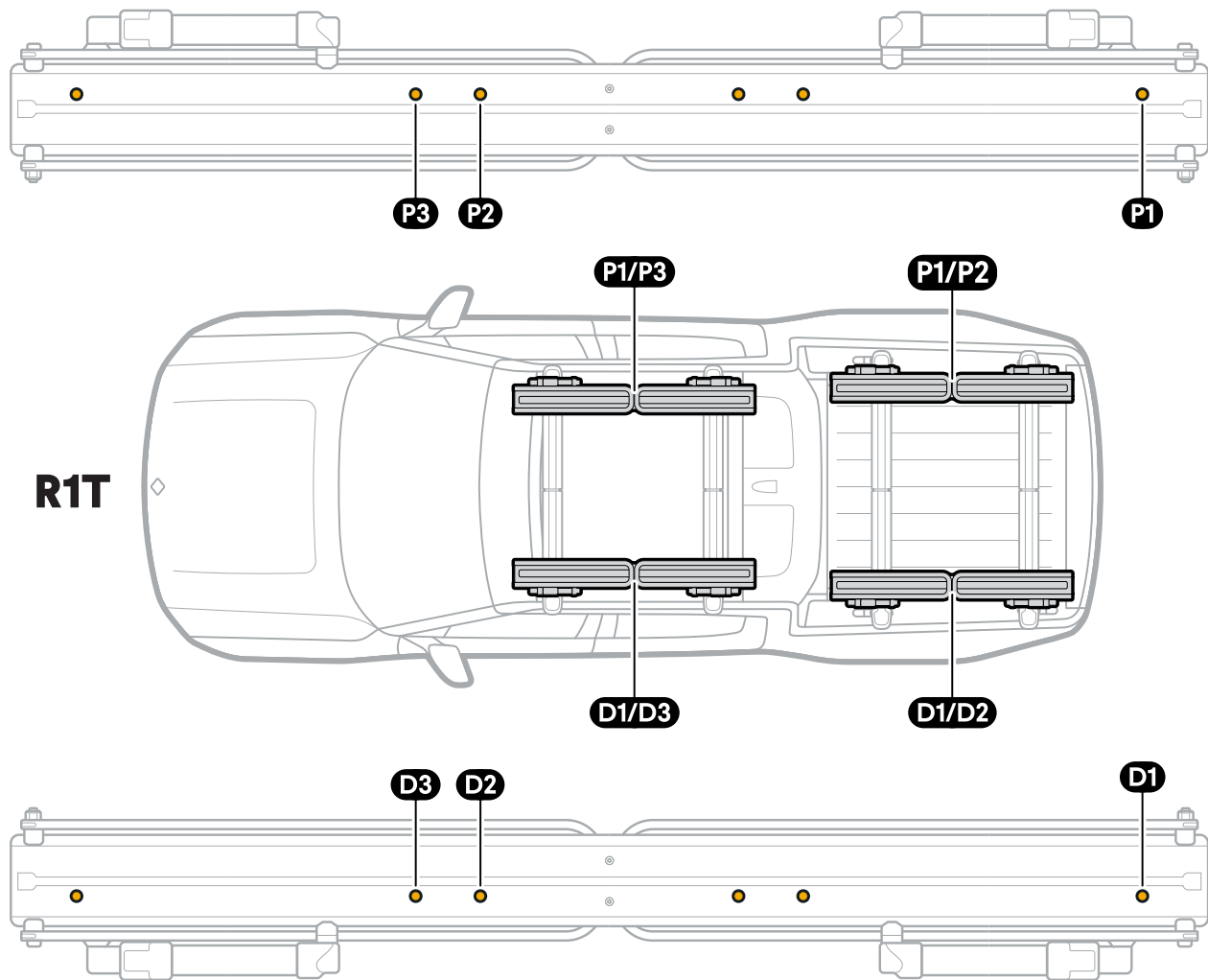
The quick connect mounts and the bike rack include dummy lock "cores" that you can replace with locks from the [Adventure Key Set](#), available for purchase through the Rivian Gear Shop. To install the Adventure Key Set, see the [Adventure Key Set Guide](#).

## IDENTIFY WHERE TO ATTACH THE QUICK CONNECT MOUNTS

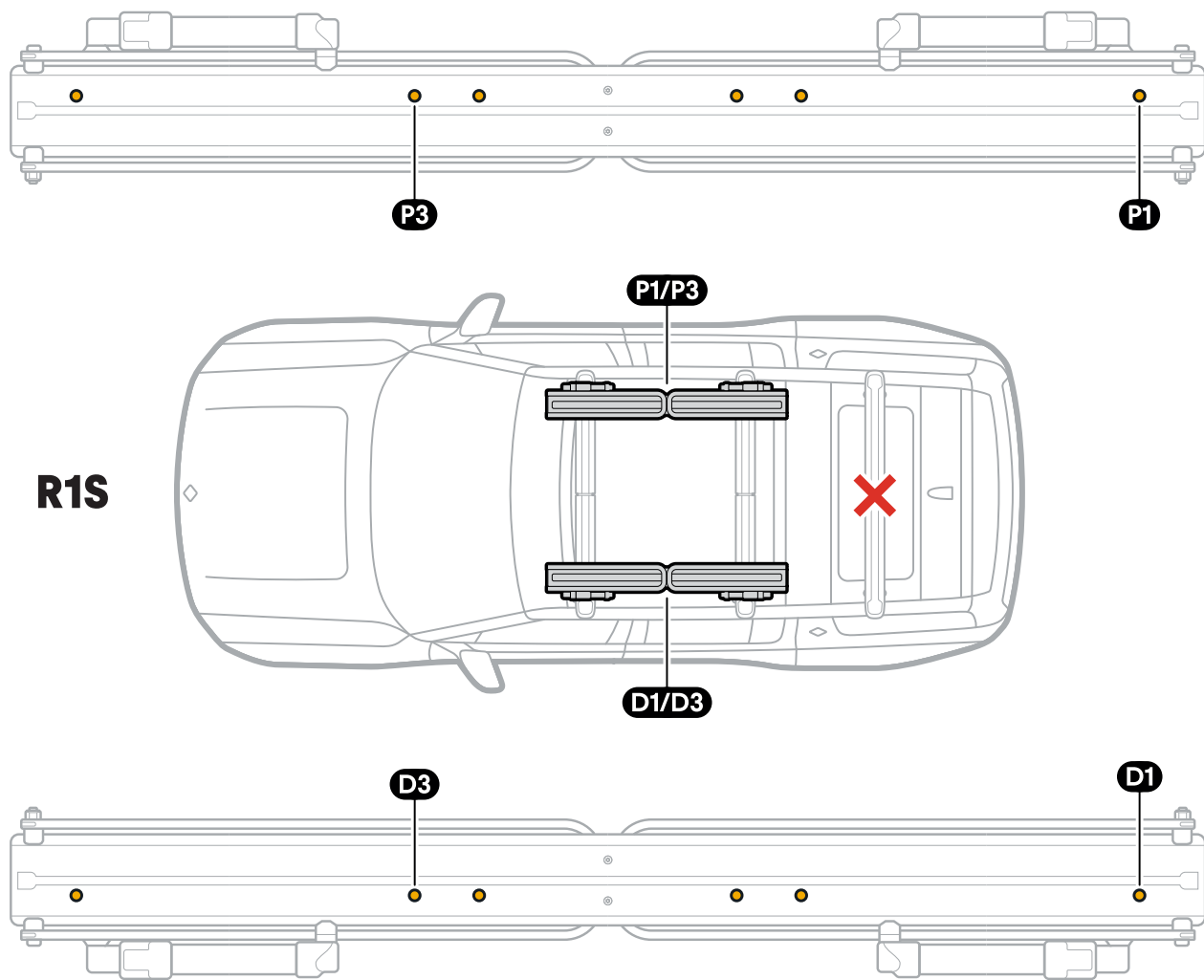
You can attach the bike rack to the driver side (D) or passenger side (P) of the Cargo Crossbars on the Rivian R1T or R1S. The quick-connect mounts have pins that fit into preset pinholes in the rack. Before attaching the quick-connect mounts to the rack, refer to the R1T or R1S sections below to determine which pinholes to use.

### NOTE

For the R1S, install the Cargo Crossbars on the two installation ports on the roof of the vehicle. Do not use the installation location on the rear.



R1T Vehicle Side	Roof Pinhole Locations	Truck Bed Pinhole Locations
Driver	D1, D3	D1, D2
Passenger	P1, P3	P1, P2



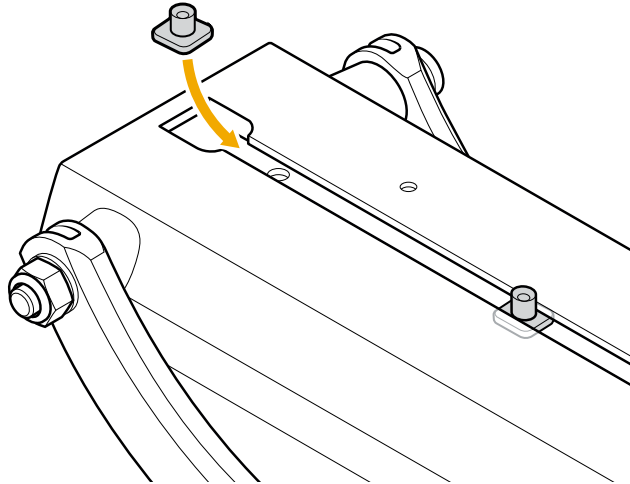
**NOTE**

Note the installation locations of the Cargo Crossbars in the front two install ports on the roof of the vehicle. Do not use the installation location on the rear (marked with an X in the image above).

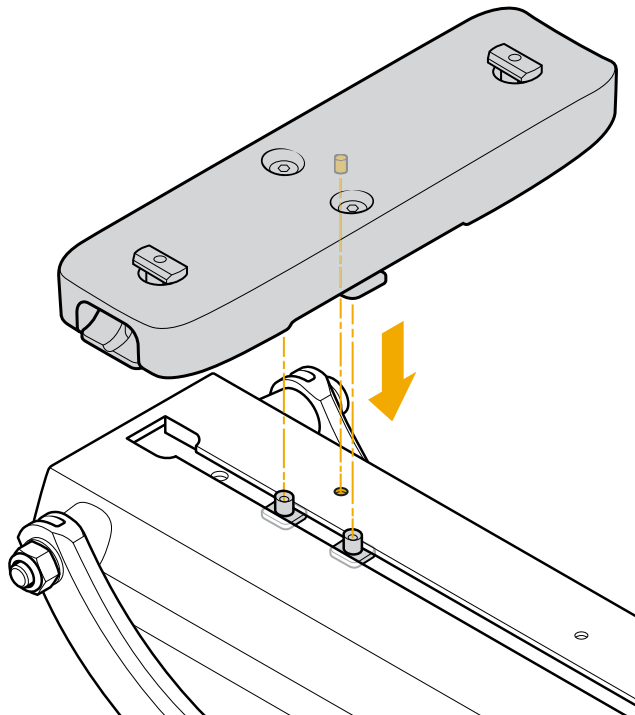
R1S Vehicle Side	Pinhole Locations
Driver	D1, D3
Passenger	P1, P3

## ATTACH THE QUICK-CONNECT MOUNTS

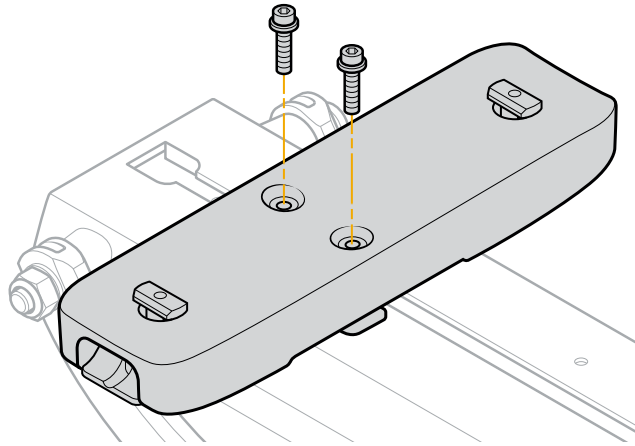
1. Insert two T-nuts into the channel on the underside of the rack.



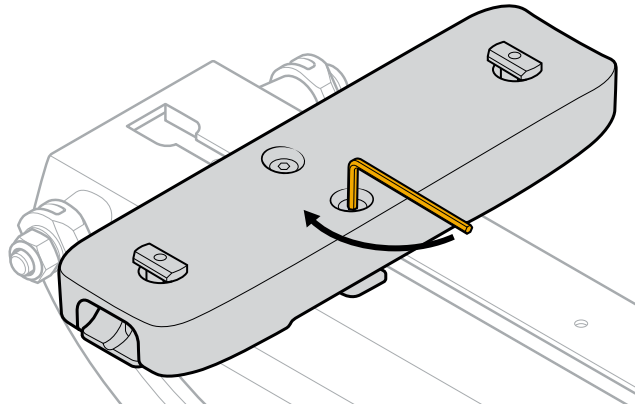
2. Align the holes in one of the quick-connect mounts with the holes in the nuts, and the pin in the mount with one of the pinholes in the rack (as determined in the previous section).



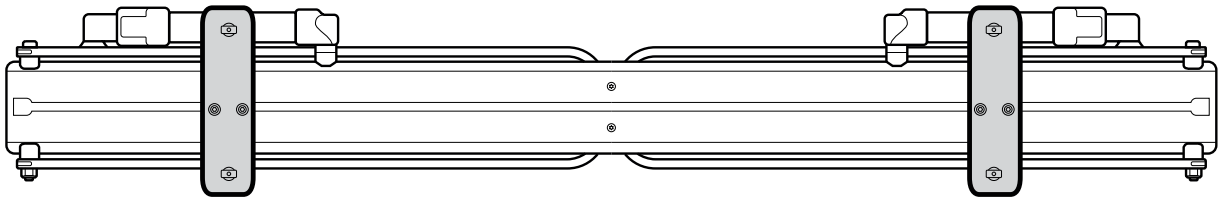
3. Install two M6 bolts with washers.



4. Tighten the bolts to a minimum torque of 8.9 ft-lb (12 Nm).



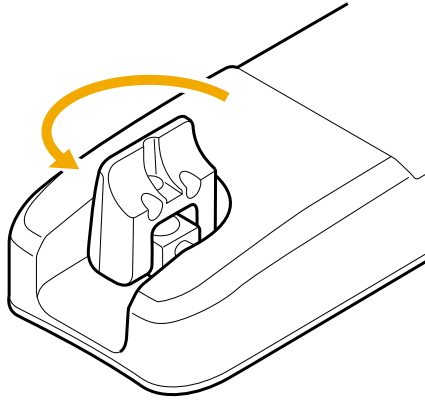
5. Repeat steps 1 to 4 to attach the second quick-connect mount.



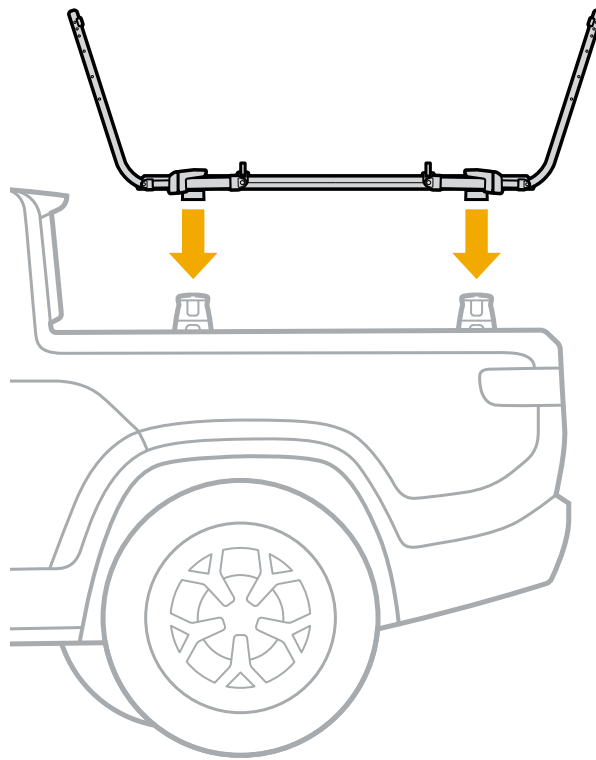
6. If you installed the Adventure Key Set, lock the quick connect mounts to the cross bars.

## ATTACH THE RACK TO THE CROSSBARS

1. Open the latches and rotate them 45 degrees.



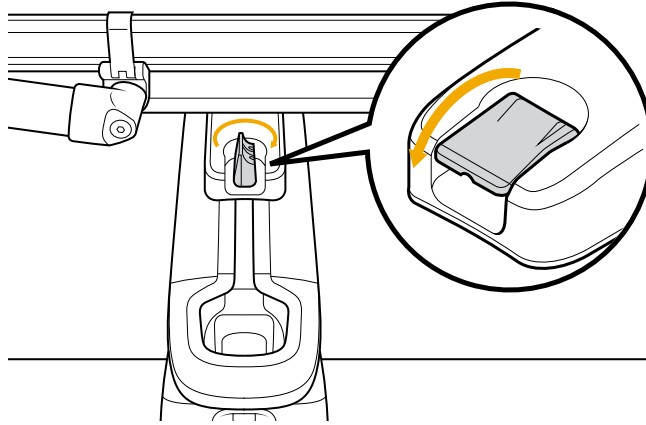
2. Place the rack on the crossbars, aligning the release levers on the mounts with the channels in the crossbars.



3. Rotate and lower the four release levers into the locked position to secure the rack to the crossbars.

**NOTE**

If a latch feels loose and doesn't close tightly, tighten it first before lowering it. See [Maintenance](#) (page 20) for instructions.



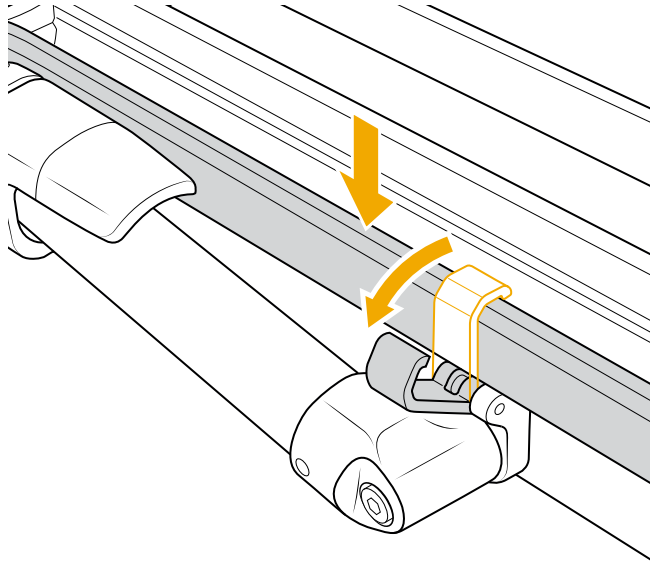
# Load a Bike

1. Press down on one of the arms to release the tire arm safety latch. Repeat to release the safety latch on the other arm.



## CAUTION

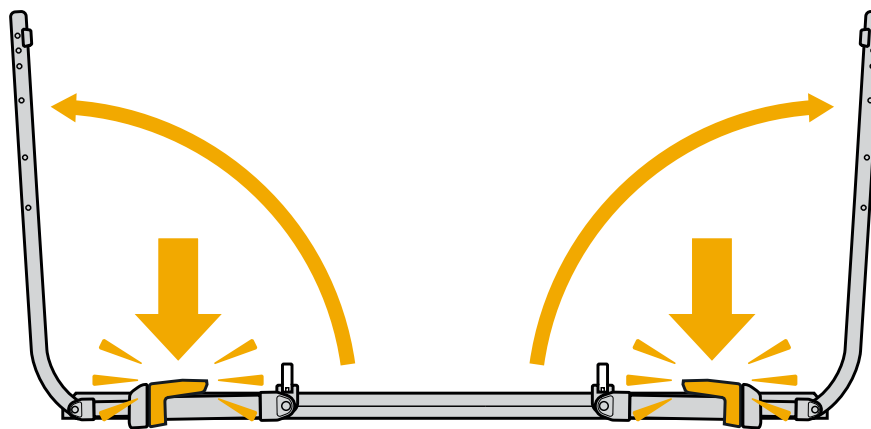
When opening the arms, ensure there are no obstructions.



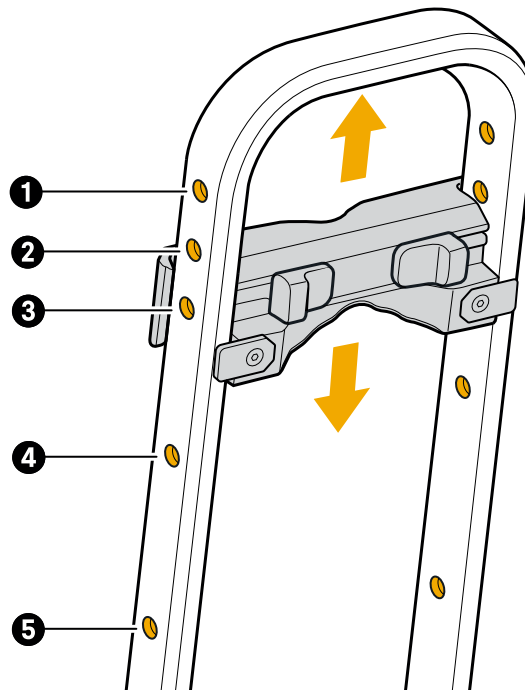
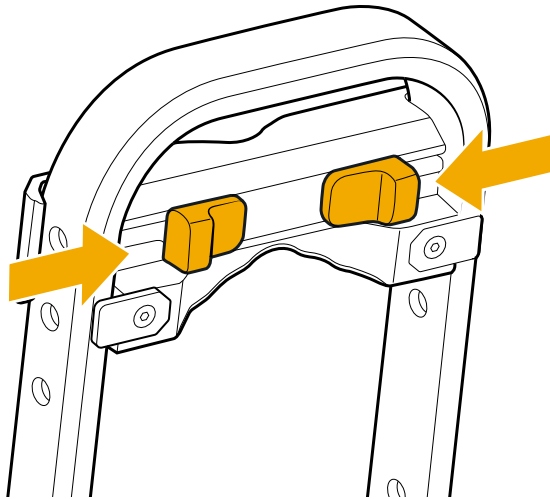
2. Tap each of the two tire arm releases. The arms raise automatically.

## NOTE

To protect the roof and windows of the vehicle, the arms don't exceed the vertical position.



3. Push the arm tabs inward, and slide the tire cradle up or down the tire arm to adjust for the desired wheel size.



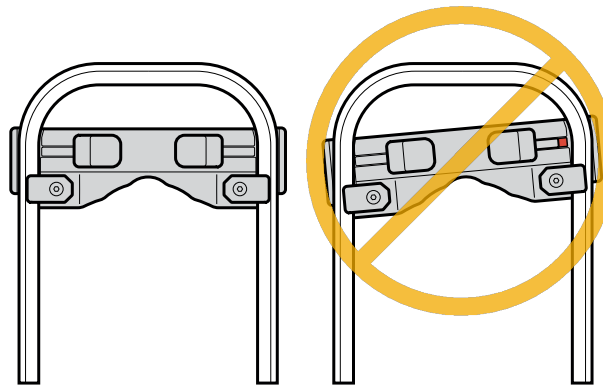
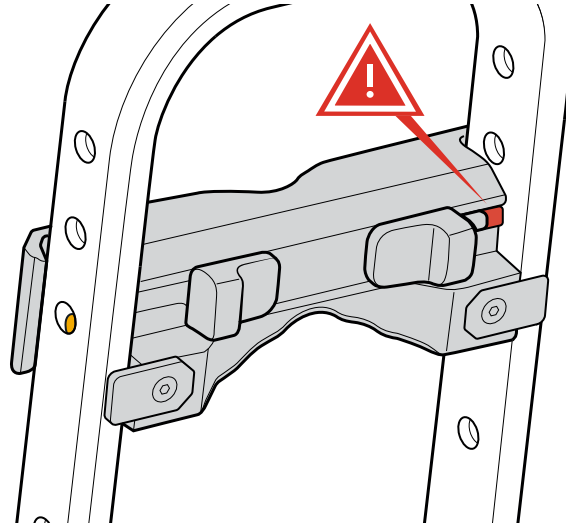
Item	Description
1	29 in or 700c
2	27.5 in or 650b
3	26 in
4	24 in
5	19 in

4. Ensure the tabs are fully secured in the notches. Misaligned tabs or tabs not fully secured show a red warning indicator.



### CAUTION

Failure to secure both tabs may result in the bike loosening and falling during travel.



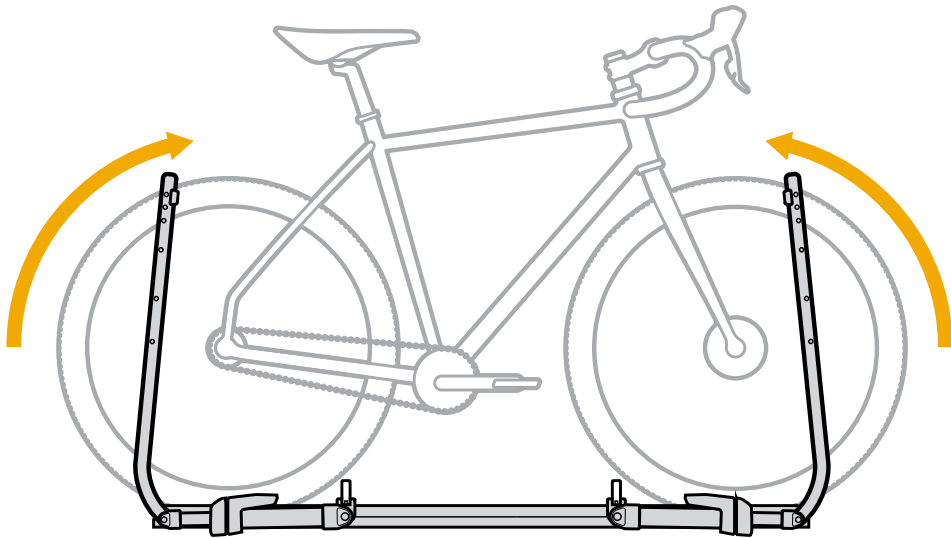
5. Lift the bike and settle it into the rack.

6. With the bike in position, close the arms onto the tires, making firm contact with the tire cradles.



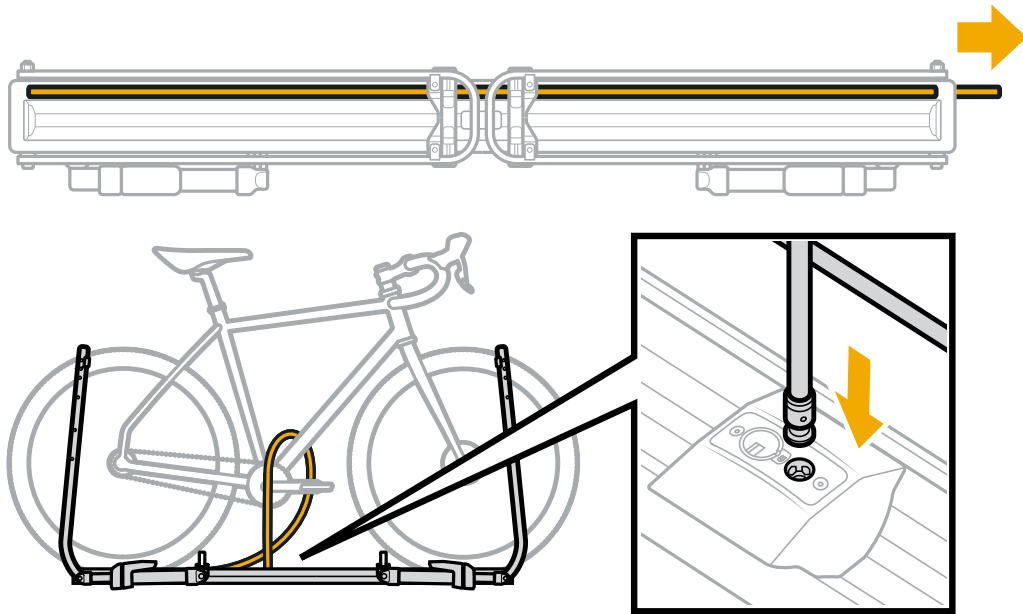
### CAUTION

- Ensure the tire cradles make contact with the tires. Insufficient contact could result in the bike loosening during travel.
- Each arm requires at least one click of engagement to ensure safe transport.



# Secure the Bike

1. Pull the cable out of the magnetic latch tray.
2. Loop the cable through the bicycle frame and wheels.
3. Secure the cable in the center lock port to lock the bike in place.



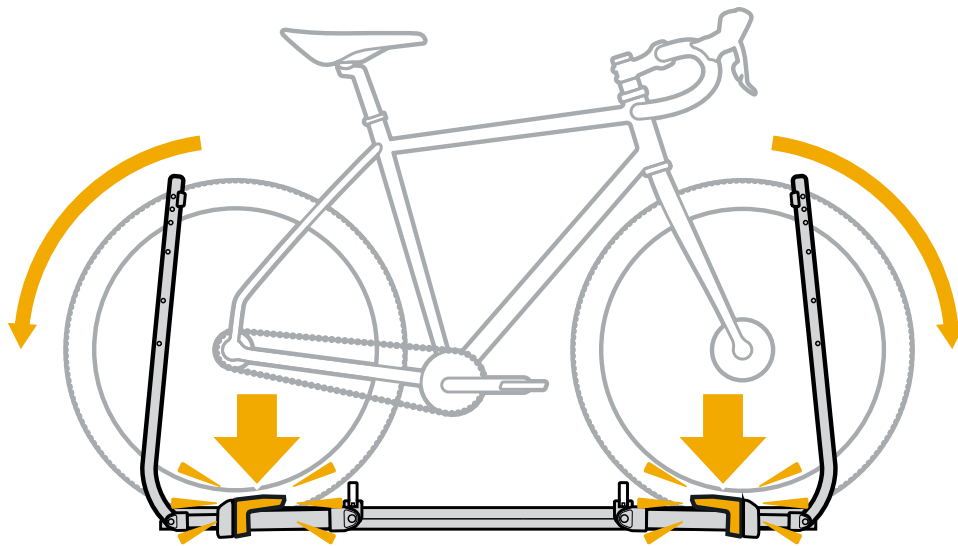
# Unload the Bike and Stow the Rack

1. To release the lock cable, turn the lock core with the Adventure Key.

## NOTE

If the lock cable was inserted without an Adventure Key Set installed, turn the plastic dummy core with a household key or flat head screwdriver to release the lock cable.

2. Store the lock cable in the rack.
3. Tap each of the two levers to release the tire arms. After pushing the levers, you may need to pull the tire arms off of the tires to fully disengage the pneumatic tension.

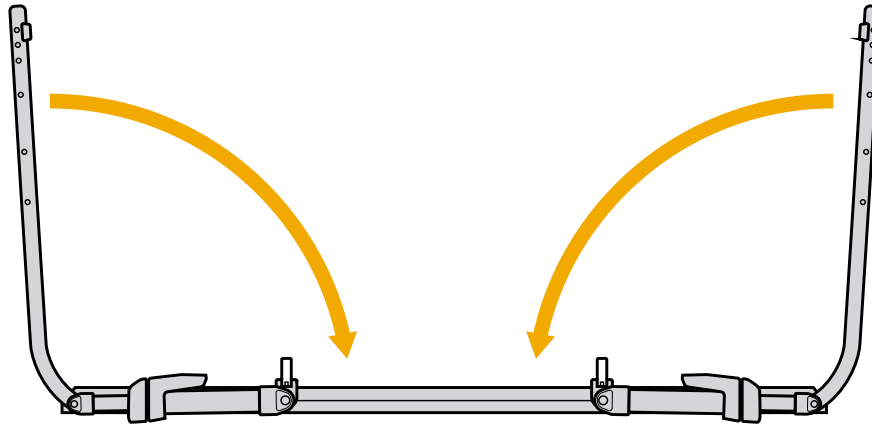


4. Lift the bike up and off of the vehicle.

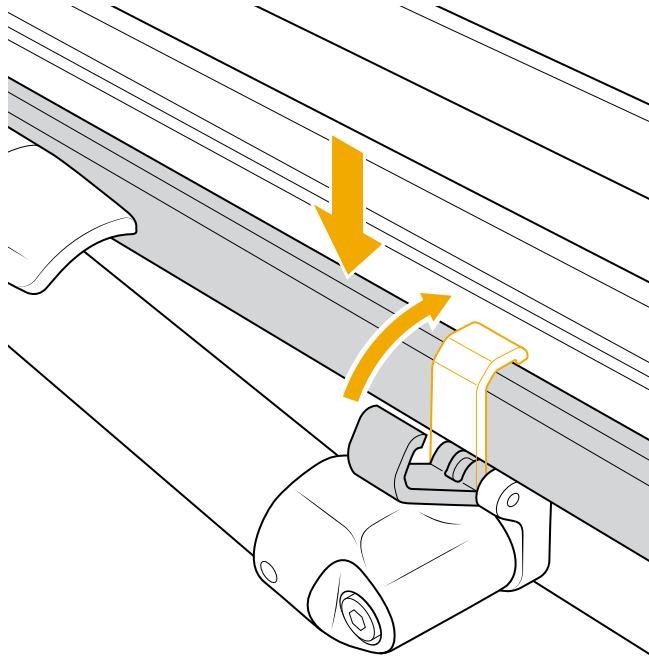
## UNLOAD THE BIKE AND STOW THE RACK

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5. Push each of the arms down into the stowed position.



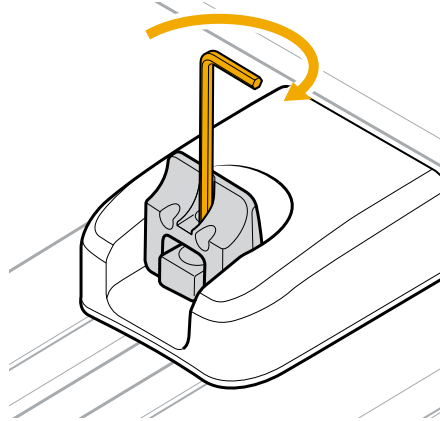
6. Push down on one of the arms, and rotate the latch up until it clips around the rack. Repeat to secure the other arm.



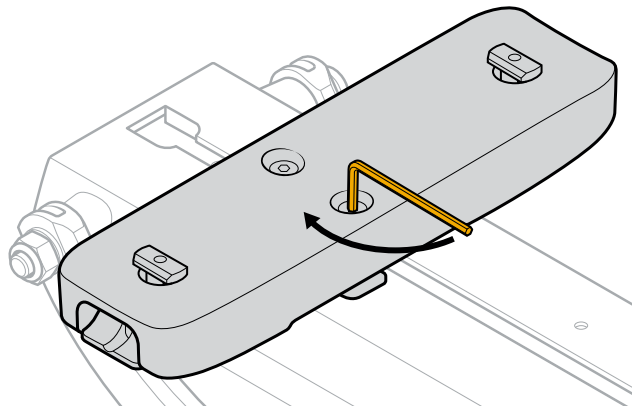
# Maintenance

Periodically check all fasteners, and re-tighten any that are loose.

- Regularly check the security of the latches on the quick-connect mount, and tighten if loose.
  1. Open the latch.
  2. Use the 4 mm Allen wrench to tighten the screw in the center of the latch.



- Regularly check the M6 bolts on the quick-connect mount, and torque to a minimum of 8.9 ft-lb (12 Nm).



# Customer Service

Still need help? Connect with us.



## Customer Engagement Center

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(888) RIVIAN1 / (888) 748-4261  
[customerservice@rivian.com](mailto:customerservice@rivian.com)  
[rivian.com/support](https://rivian.com/support) Support Center and Chat

## Insurance

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(888) RIVIAN8 / (888) 748-4268

## Roadside Assistance 24/7

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(844) RIVIAN4 / (844) 748-4264

## Service 24/7

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(855) RIVIAN5 / (855) 748-4265

Visit the [Gear Shop](#) to purchase accessories that can be used with your vehicle.

Visit [rivian.com](https://rivian.com) to learn more about optional Adventure Gear products.