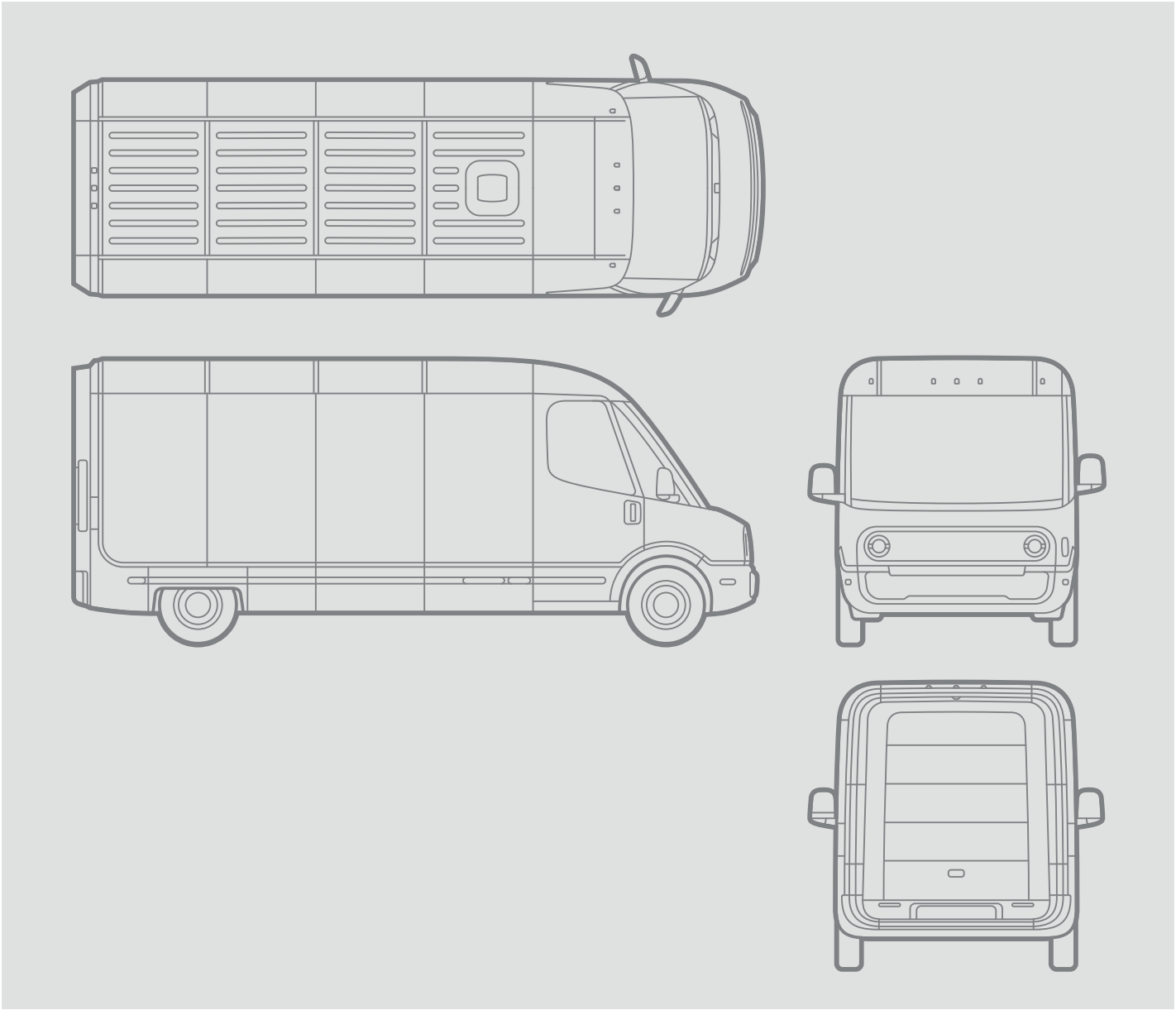
RIVIAN

Rivian Commercial Van

Operating Guide



United States
April 2025

Software Version 2025.10

RIVIAN

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Some features may not be available depending on your vehicle configuration or region.

The images provided in this document are for illustrative purposes only. Depending on the product details and market region, the information in this document may appear slightly different from your product.

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Vehicle Overview

Introduction

Symbols Used in This Guide

The following are the meanings of symbols used in this guide.



DANGER

Risk of electrocution or electric shock



DANGER

Risk of major injury such as these:

- fire
- chemical or poison
- crushing
- maiming
- death



WARNING

Risk of minor injury



CAUTION

Risks such as these:

- damage to vehicle or property
- data disruption
- voiding warranty

IMPORTANT

Instructions to successfully complete a task

NOTE

Useful information

High Voltage Dangers

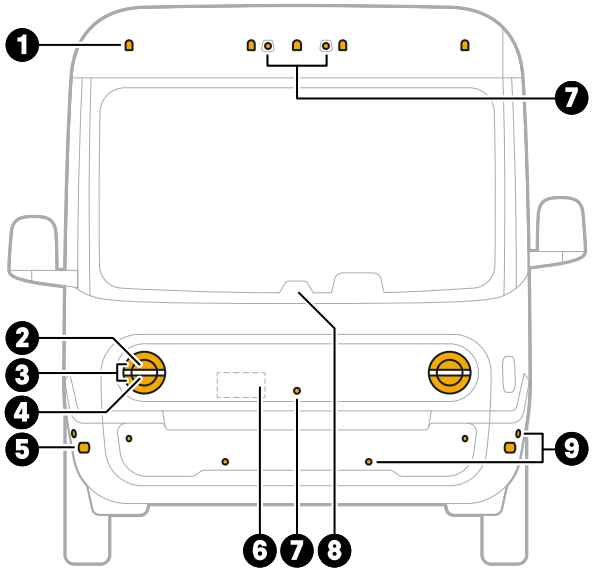


DANGER

- You could be electrocuted, seriously injured, or die if you attempt to perform your own service or repair on high-voltage systems.
- Rivian vehicles contain lithium-ion battery packs, extremely high-voltage cables (400–450 V), electrical outlet cables (120 V), traditional car batteries (12 V), compressed gas, and triggering devices.
- High-voltage components are identified by labels. Don't remove, open, take apart, or modify these components. High-voltage cable or wiring has an orange covering. Don't probe, tamper with, cut, or modify high-voltage cables or wiring. Always assume the vehicle is energized.
- Rivian strongly recommends that you have all service and repair work done at a Rivian-authorized service center, mobile service vehicle, or repair facility.
- Service and repair of high-voltage systems should only be performed by a trained technician with the proper knowledge and tools. It is dangerous to perform your own service or repair work on high-voltage systems. Exposure to high voltage can cause electrocution, severe injury, or death.

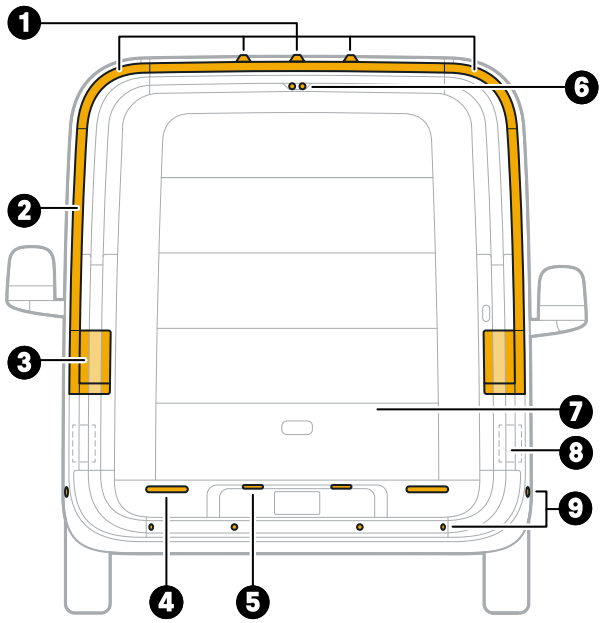
Exterior Overview

Front View Exterior



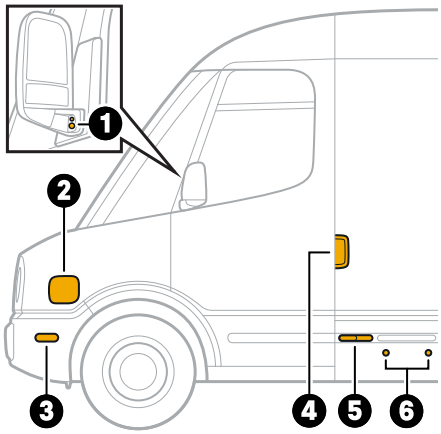
Item	Description
1	Front clearance and identification lights
2	Low beam headlights
3	Front turn signal lights, daytime running lights, and parking lights
4	High beam headlights
5	Front side markers and front reflex reflectors
6	Front radar module
7	Cameras
8	Front camera module
9	Ultrasonic sensors

Rear View Exterior



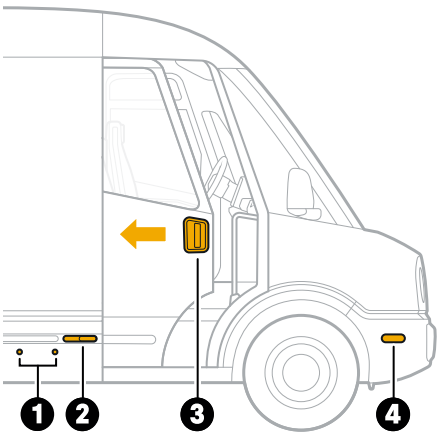
Item	Description
1	Rear clearance and identification lights
2	Supplemental taillights
3	Rear turn signal lights, brake lights, and taillights
4	Reverse lights, rear fog lights, and rear reflex reflectors
5	License plate lights
6	Task light and camera
7	Rollup door
8	Corner radar
9	Ultrasonic sensors

Driver Side View Exterior



Item	Description
1	Side mirror with lane change cameras
2	Charge port door
3	Front side marker and reflex reflector
4	Door release button
5	Mid side marker, side turn signal lights, and reflex reflector
6	Ultrasonic sensors

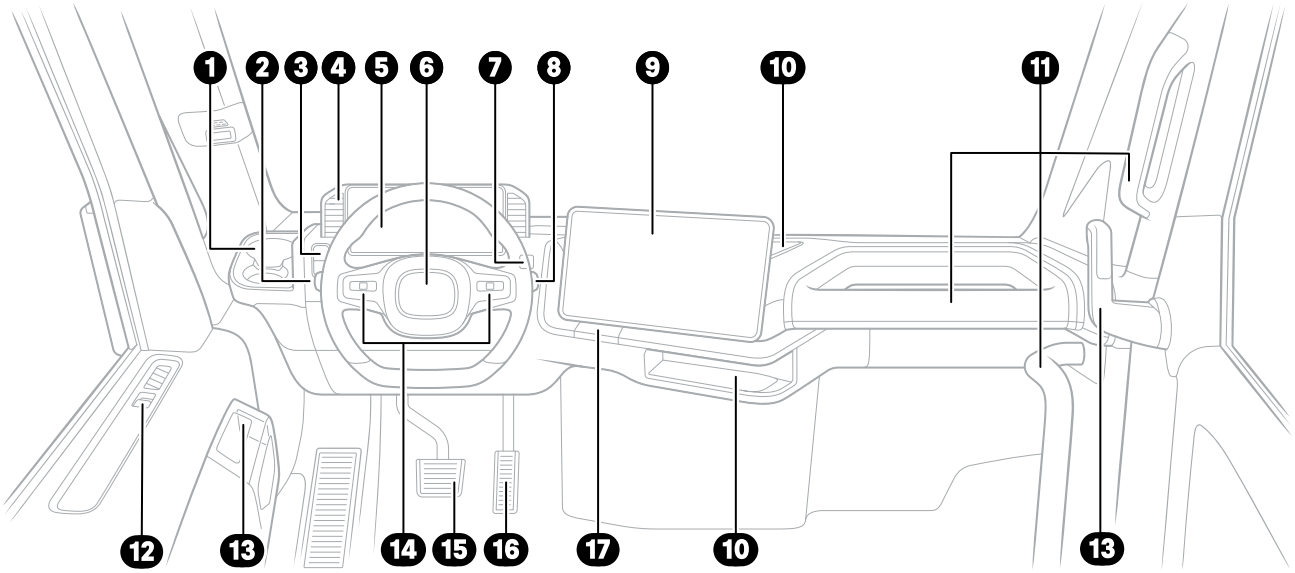
Curbside View Exterior



Item	Description
1	Ultrasonic sensors
2	Mid side marker, side turn signal lights, and reflex reflector
3	Door handle
4	Front side marker and reflex reflector

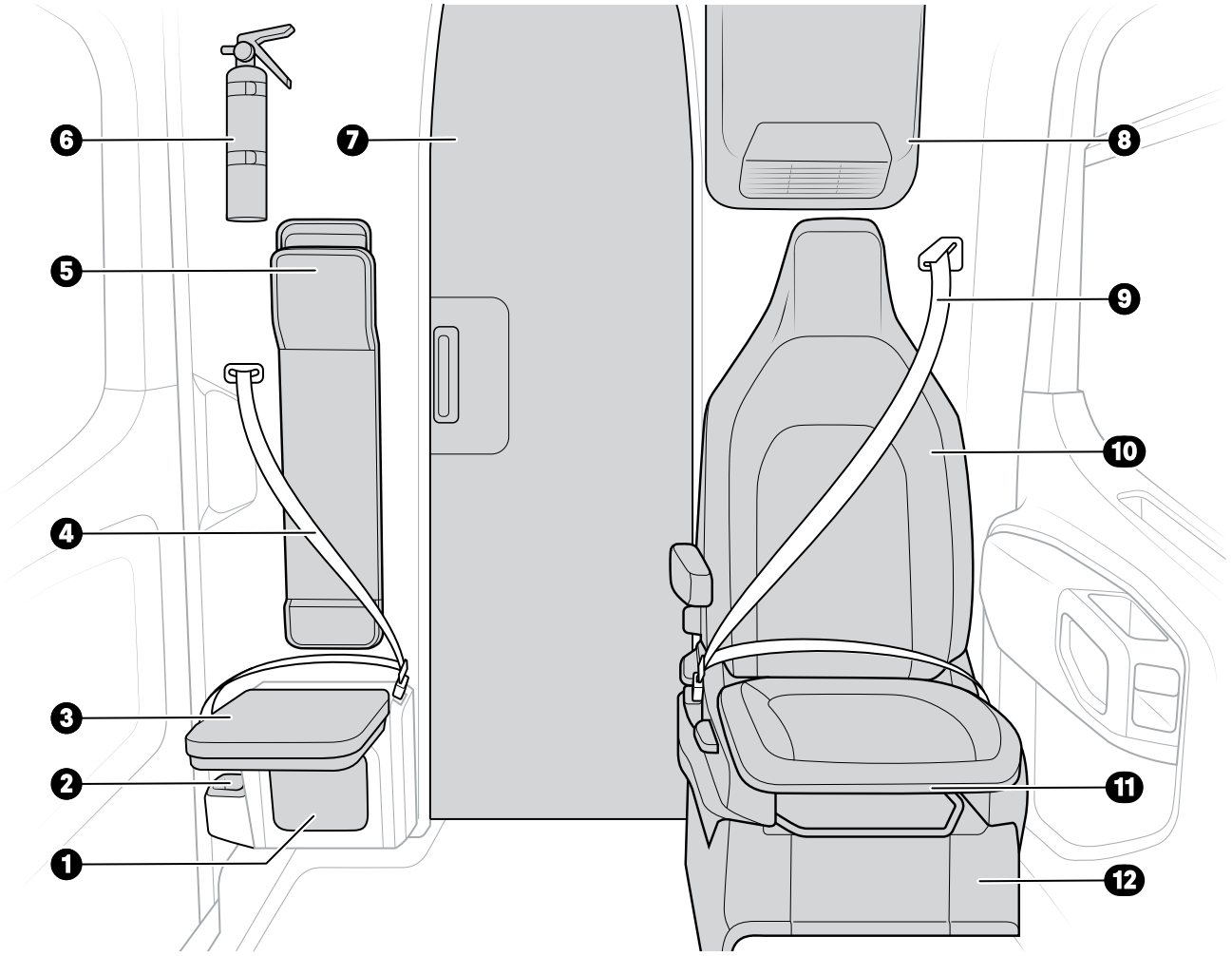
Interior Overview

Cabin Front View



Item	Description
1	Cup holders
2	Lights stalk
3	Camera button (not yet operational)
4	Vents
5	Driver display
6	Horn and location of airbag module
7	SOS button
8	Drive stalk
9	Center display
10	Wireless chargers and ports
11	Grab handles
12	Window controls
13	Interior door release
14	Thumb controls
15	Brake pedal
16	Accelerator pedal
17	Hazard lights button

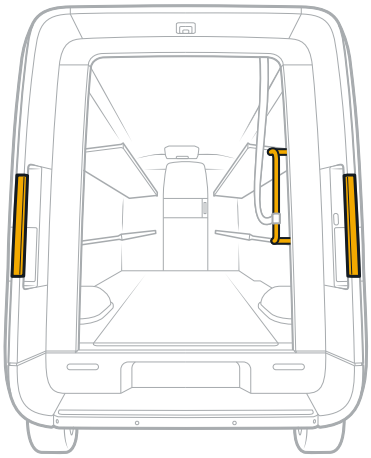
Cabin Rear View



Item	Description
1	First aid kit and tow eye storage
2	Folding jump seat cupholder
3	Folding jump seat
4	Folding jump seat seat belt
5	Document holder
6	Fire extinguisher
7	Bulkhead door
8	Vent
9	Driver seat belt
10	Driver seat
11	Storage container
12	Fuse box (behind access panel)

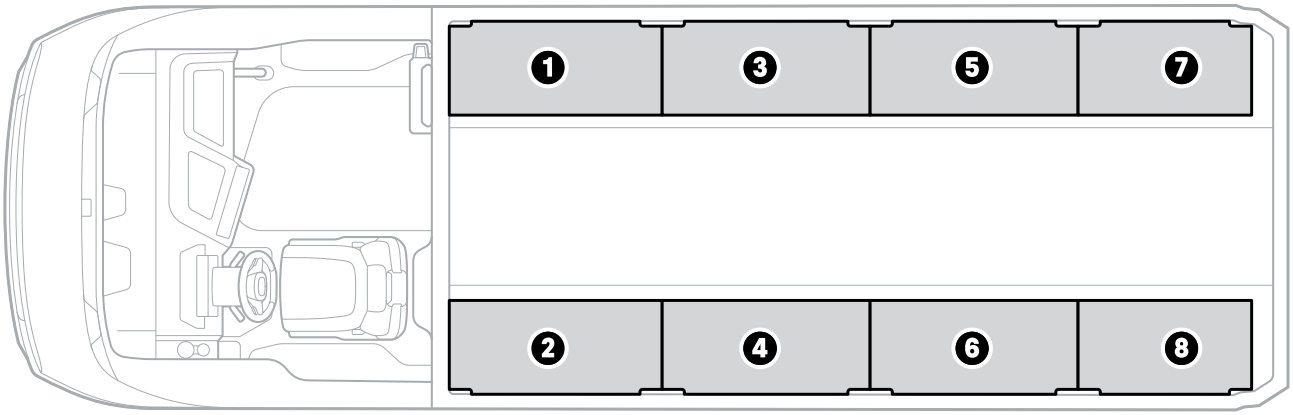
Cargo Area View

The interior grab handle (shown with strap) and the two exterior grab handles are located at the rear of the cargo area.



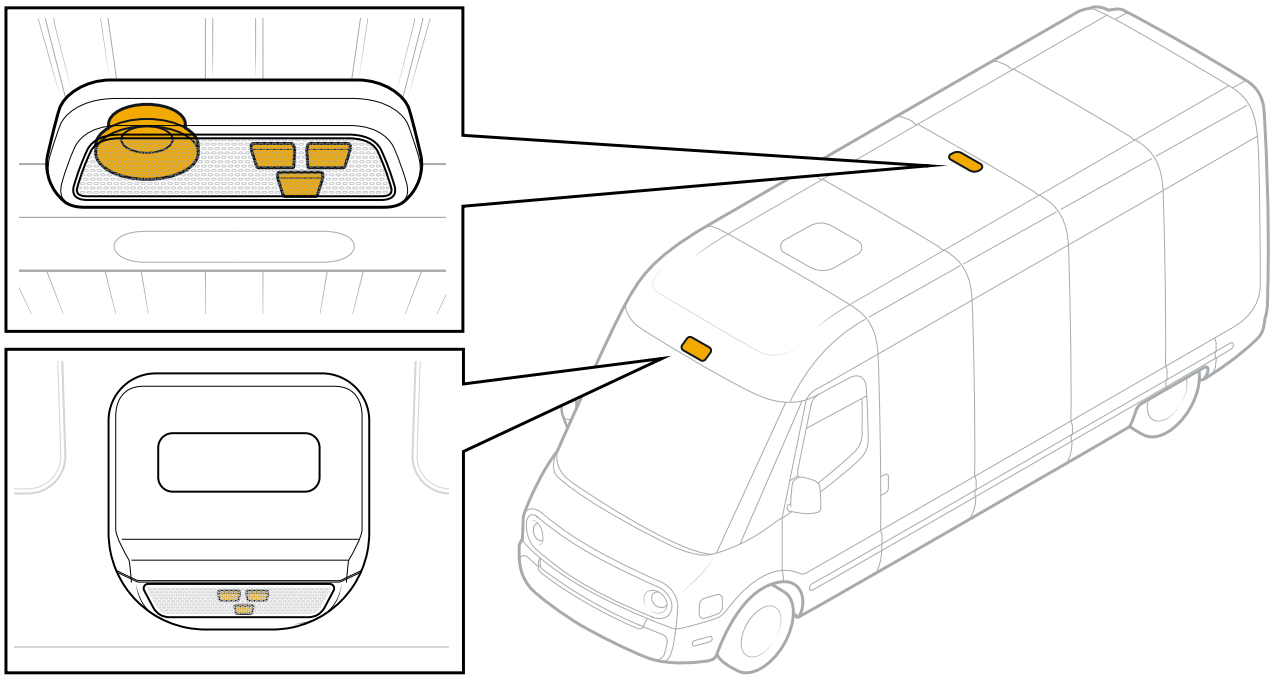
Cargo Shelves

Cargo shelves, if equipped, are divided into separate zones that contain fixed shelves (1 – 6) and folding shelves (7 – 8).



Microphones

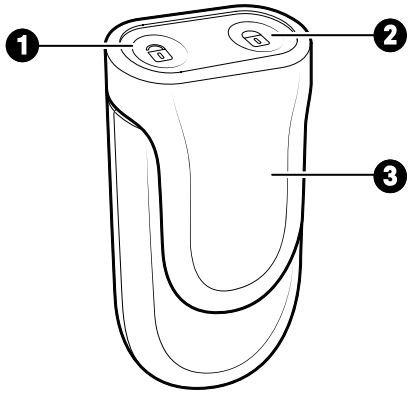
Two microphones are located in the interior of the vehicle, one above the front cabin and the other above the cargo area.



Vehicle Access

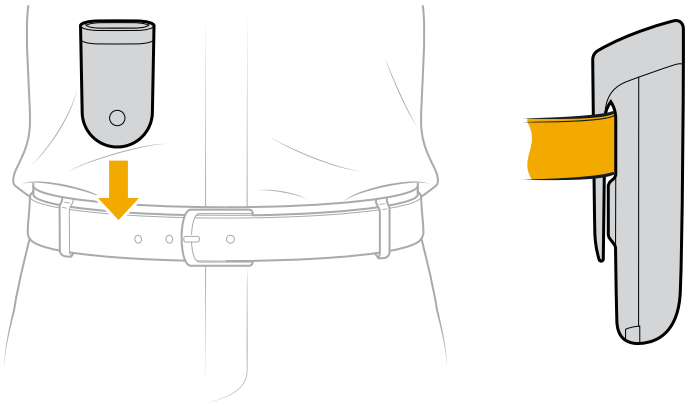
Keys

Key Fob



Item	Description
1	Lock button
2	Unlock button
3	Clip

Wear the Key Fob



The key fob can save you time and help secure the vehicle.

Wear the key fob, or keep it securely in your pocket. You can clip the key fob onto your pocket, belt loop, or another secure place.

Panic Alarm

- Press and hold the lock button on the key fob to trigger the alarm.
- Press either button one time to stop the alarm.

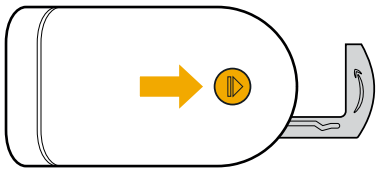
Emergency Key

Use the hidden emergency key in the following situations:

- Key fob needs a new battery
- Key fob stops working
- 12 V batteries are depleted

Access the Emergency Key

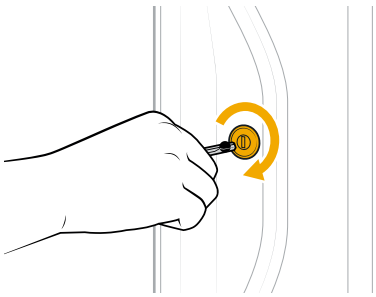
1. Hold the key fob flat in your hand.
2. Press the round button (on the flat side) to eject the metal key.
3. Pull out the metal key from the bottom.



Use the Emergency Key

If the key fob stops working for any reason or if the vehicle's 12 V batteries have discharged, open the door using the emergency key.

1. Insert the metal key into the slot next to the driver door handle.
2. Turn the key to unlock.



Key Fob Not Working

Contact Rivian Service if one of the following situations occurs:

- The key fob's button gets stuck.
- The key fob does not work after replacing the battery.

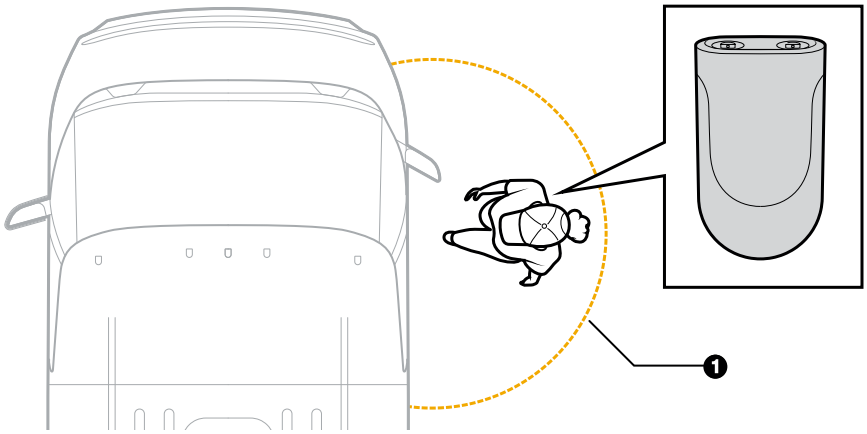
Lock and Unlock

Automatic Lock and Unlock

The key fob automatically locks and unlocks the vehicle. The vehicle can sense when the key fob is near any of the individual doors.

CAUTION

Do not modify the vehicle anti-theft system (immobilizer) or install any add-on equipment. Any modifications or additions can damage the system, causing it to not work properly.



Automatic Unlock

Walk to the vehicle to unlock. Approach the vehicle with the key fob and open the door with the door handle.

NOTE

The vehicle only unlocks the door that is opened. All other doors remain locked.

Automatic Lock

Close the doors and walk away. The vehicle locks when the key fob is out of range.

NOTE

When the key fob is out of range, all doors lock automatically, whether or not the doors are open or closed. If an open door is closed manually while the key fob is out of range, that door will lock automatically.

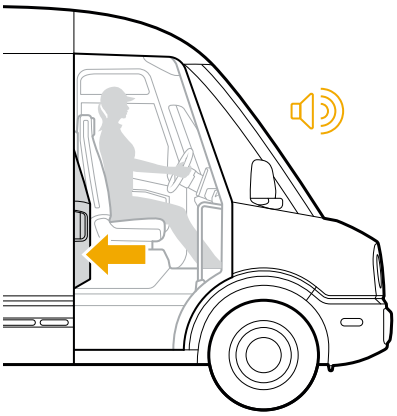
Doors Lock When Driving

When you start driving the vehicle:

- The driver, curbside, and rollup doors lock.
- The bulkhead door closes and locks as long as it's not blocked.

IMPORTANT

If you try to drive with a door other than the curbside door open, you will see an indicator on the driver display.



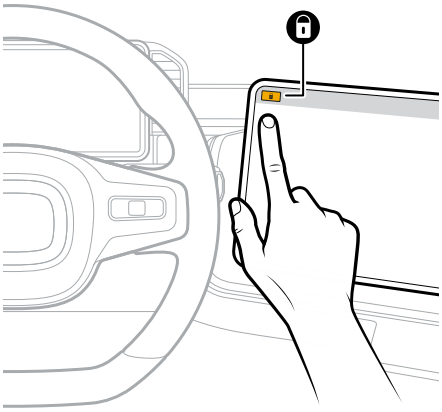
Manual Lock and Unlock

Use the center display or key fob to manually lock or unlock the vehicle.

Center Display

To lock or unlock, press the **Lock/Unlock** button, at the top left corner of the center display. The button changes to show you if the vehicle is locked or unlocked.

Alternatively, use the **Quick Controls** on the Vehicle Settings menu to lock or unlock the vehicle.



Key Fob

- Press the lock button on the key fob to lock the vehicle.
- Press the unlock button on the key fob to unlock the vehicle.

Doors

Door Safety

Stay Safe Around Doors



CAUTION

Balance

- Use the step to enter or exit the driver's seat. Steady yourself by holding onto the grab handle and another part of the vehicle.
- Use the step to enter or exit the vehicle from the curbside or rollup door. Steady yourself by holding onto the grab handle and another part of the vehicle.

Stay Clear

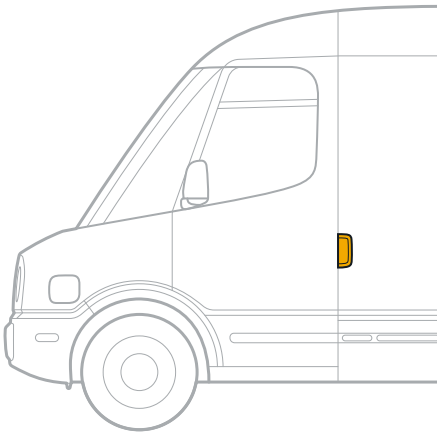
- Check that the vehicle is in **P** (Park) before you exit or enter the vehicle.
- Keep your body and clothing clear of all doors as you get in and out. You can injure yourself if a door closes or catches on any part of you or your clothing.

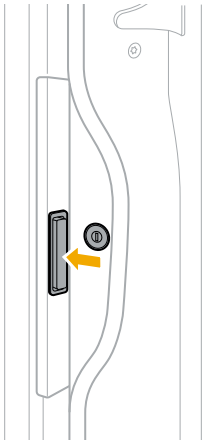
Handles

- Use door handles to open and close doors to keep clear and avoid an injury.

Driver Door

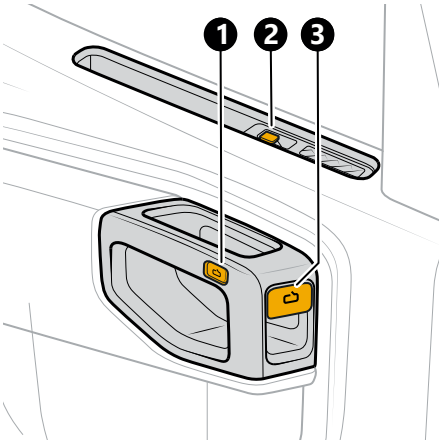
To open the driver door from the outside, push the button inside the handle to unlatch the door. Then pull the handle to open it.





To open the driver door from inside the vehicle, do one of the following:

- Push the small button on the armrest, then push the door to open it.
- Pull up the handle at the front of the armrest.



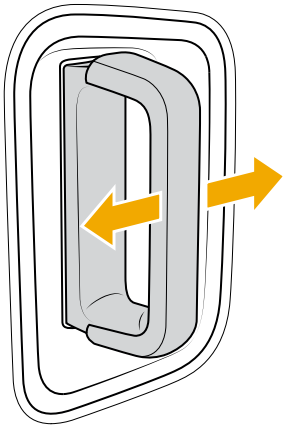
Item	Description
1	Door open button
2	Window switch
3	Door open handle

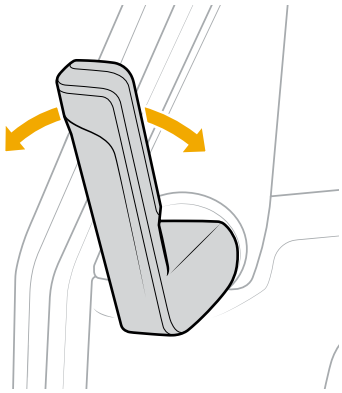
Curbside Door

Grab the handle and pull to slide the curbside door open.

When the door is fully open or closed, it latches in place.



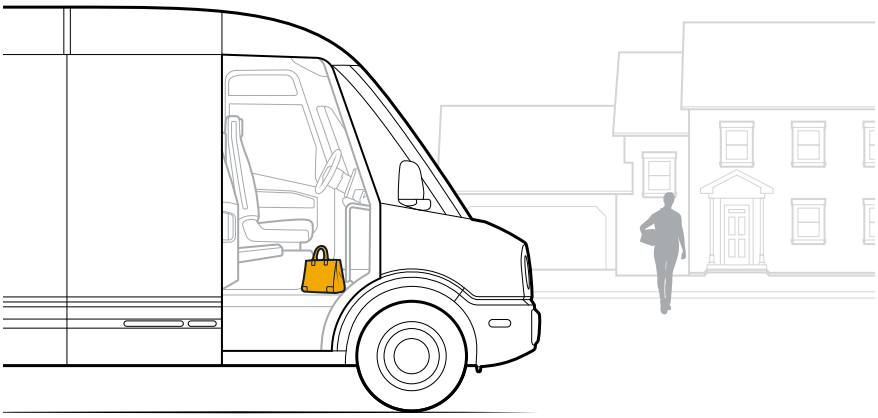




Driving with the Curbside Door Open

CAUTION

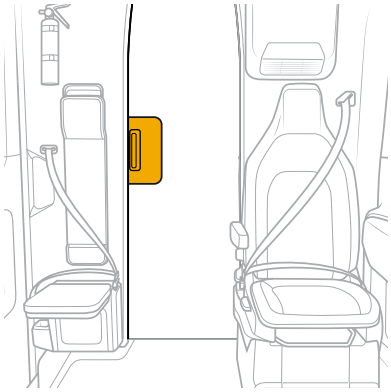
- Maintain a low speed. Be aware of your surroundings.
- Ensure that no valuables or personal items are stored in the front cabin if the curbside door is kept open.
- Keep the area near the bulkhead door clear to ensure that it will automatically open and close. The bulkhead door secures the cargo area and this area cannot be locked if the bulkhead door is blocked.



Bulkhead Door

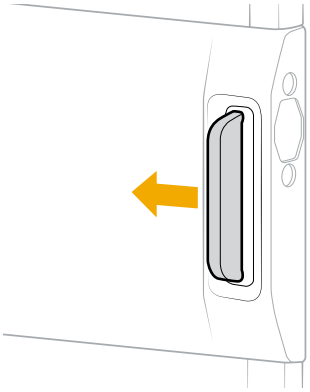
The bulkhead door connects the front cabin to the rear cargo area. It operates automatically as follows:

- The bulkhead door closes when the vehicle is shifted into **D** (Drive).
- The bulkhead door opens when the vehicle is shifted into **P** (Park) and the driver's seat belt is released.
- The bulkhead door closes and locks whenever the vehicle is locked. This occurs when the driver leaves the vehicle.



To open the bulkhead door manually from the cargo side

1. Pull the unlatch lever on the right of the bulkhead door.
2. Pull the bulkhead door handle to the left.



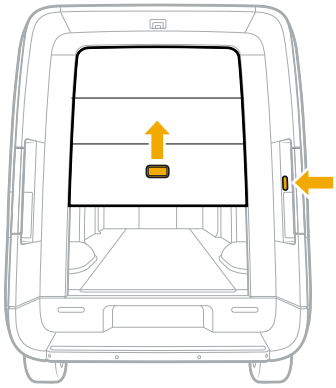
To open the bulkhead door manually from the cabin side

At the bottom of the center display, choose the bulkhead door button. The door opens electrically.

Rollup Door

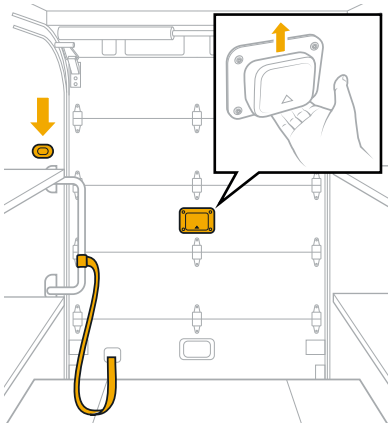
Open from Outside

To open the rollup door from the outside, push the button above the right rear taillight. Push the door up to open fully.

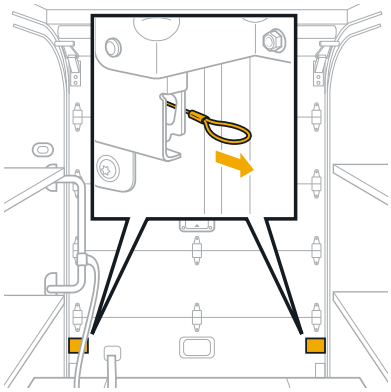


Open from Inside

To open the rollup door from the cargo area, push the button next to the door on the left. Pull the strap or use the handle to start opening the door. You may need to push the door up to open fully.



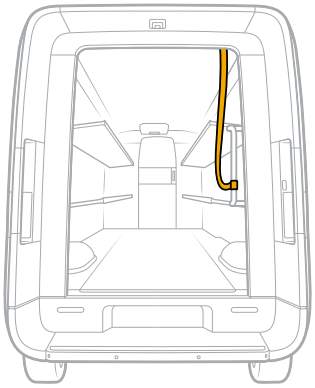
To manually open the rollup door from the cargo area, gently pull the release cable at the lower corners on each side of the door. Pull the strap or use the handle to start opening the door.



Close

To close the rollup door, grab the strap and pull down.

If it doesn't fully close, grab the door handle and push the door down to fully close.

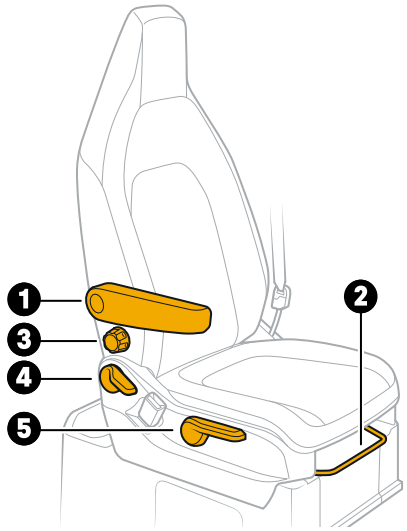


Cabin Area

Seating

Adjust the Driver Seat

Use the controls to adjust the driver seat.



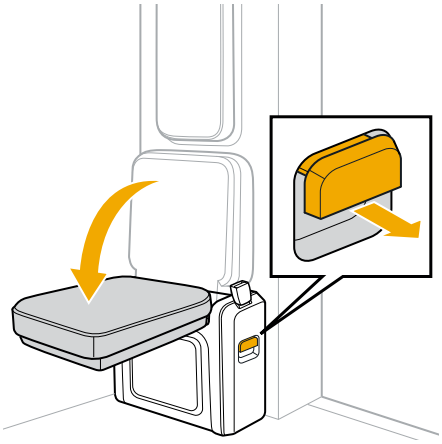
Item	Description	Procedure
1	Armrest (folding)	Fold up or down as needed.
2	Slide control (front/back)	Pull up the bar in front of the seat and slide forward or backward.
3	Lumbar support adjustment	Twist the knob on the side of the seat.
4	Recline control	Pull the lever on the side and lean forward or backward.
5	Height control (manual)	Pump the lever up or down to adjust the seat height. Pull the lever up to raise the seat and push the lever down to lower the seat.

To heat the driver seat, choose the **Fan** button and select the **Heat driver seat** button on the center display.

Folding Jump Seat

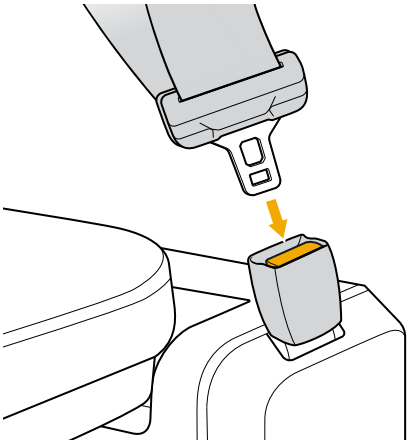
The folding jump seat is a collapsible seat that can be folded down when a passenger needs it and folded up when it's not needed.

Pull the **Pull** lever to release the folding jump seat and fold it down.



Fasten the Seat Belt

After sitting in the folding jump seat, pull down the seat belt and fasten it in the buckle.



To unfasten the seat belt, press the release button on the buckle and allow the seat belt to retract.

Heat the Jump Seat

See Seat Climate Control for instructions on how to heat the jump seat.

Use the Emergency Equipment

You can find a first aid kit and tow hook in the compartment under the folding jump seat.

Headrests

The driver seat has an integrated headrest that isn't adjustable.

The folding jump seat has a combined backrest and headrest that isn't adjustable.

Cabin Climate Controls

Temperature and Vents

Control the climate using the center display. You can use Auto or Custom mode. Auto is the default and is recommended for maximum comfort.

When the climate system is powered on or at the start of a shift, it is in Auto mode.

You can adjust the temperature setting and remain in Auto mode. To switch to Custom mode, either change the fan speed or select a vent location, or the climate system will revert to Auto.

If you close all the vents, the climate system shuts off.

> **NOTE**
> The climate system shuts off within a short time if you exit the vehicle and leave the door open. The system runs longer for cabin comfort if the doors are closed while you are away.

Icon	Name	Description
  	Fan	Choose **Fan** to access climate settings, which are described in the table below. The following indicates the status of the climate system: • **Auto:** The word AUTO indicates that **Auto** mode is turned on. • **Custom:** Bars indicate that **Custom** mode is turned on. The number of active bars indicates the fan speed. **NOTE** Red indicates heating. Blue indicates cooling. White indicates air that isn't heated or cooled.
	Defrost	Clear the windshield.
	Heat folding jump seat	Heat the folding jump seat.

Change Climate Settings

Choose **Fan** to access the following settings:

Icon	Name	Description
AUTO	Auto	Use **Auto** mode if you want the vehicle to automatically change the climate settings to achieve a comfortable temperature. Auto is recommended.
CUSTOM	Custom	Turn on **Custom** mode if you want to manually change the climate settings.
OFF	Off	If you turn off the climate system, the vehicle blows no air through the vents.
	Heat steering wheel	Heat the steering wheel.

Auto Settings

Use **Auto** mode to change the following settings:

Icon	Name	Description
	Increase temperature	Select from five levels of heating. Choose and hold the red **Increase Temperature** button for maximum heating.
	Decrease temperature	Select from five levels of cooling. Choose and hold the blue **Decrease Temperature** button for maximum cooling.

Custom Settings

Use **Custom** mode to change the following settings:

Icon	Name	Description
	Increase temperature	Select from five levels of heating. Choose and hold the red **Increase Temperature** button for maximum heating.
	Heating	The vehicle heats the air blowing through the vents.
	Air only	The vehicle blows air through the vents that is not heated or cooled.
	Cooling	The vehicle cools the air blowing through the vents.
	Decrease temperature	Select from five levels of cooling. Choose and hold the blue **Decrease Temperature** button for maximum cooling.
	Fan speed	Adjust the fan speed. Select from five levels of fan speed. Choose and hold **Increase Fan Speed** for the highest fan speed, or choose and hold **Decrease Fan Speed** for the lowest fan speed.
	Windshield vent	Turn on the windshield vent. This vent also opens automatically if you turn on Defrost to clear the windshield.
	Front vents	Turn on the front vents.
	Foot vents	Turn on the foot vents.
	Seat conditioning	Turn on the seat conditioning.

NOTES

- Keep the bulkhead and curbside doors closed to optimize heating or cooling.
- Heating and cooling settings only apply to the driver area. These settings don't affect the cargo area ventilation.

Seat Climate Control

The driver seat can ventilate heated or cooled air.

To access this option, choose **Fan**.

Icon	Name	Description
	Seat conditioning	Turn on seat conditioning to blow air that the vehicle heats or cools.

The folding jump seat can heat.

Choose **Heat Folding Jump Seat** on the far right bottom of the center display.

Icon	Name	Description
	Heat folding jump seat	Heat the folding jump seat cushion while the seat is folded down.

Heated Steering Wheel

The steering wheel offers a heat option. To access this option, choose **Fan**.

Icon	Name	Description
	Heat steering wheel	Heat the steering wheel. **NOTE** There is a single on/off setting.

Windshield Defrost

The vehicle offers a defrost option for the front windshield.

Icon	Name	Description
  	Defrost	Clear the windshield and side mirrors using heat. **Maximum:** The word DEFROST indicates that the maximum defrost is on. The label under the icon changes to Defrost (hot conditioning). **Custom:** A single dot indicates that defrost is on.

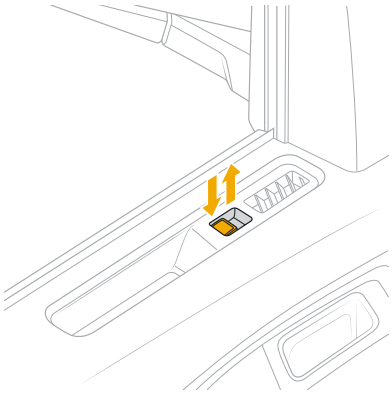
Windows

Window Operation

Driver Door Window

To open or close the driver door window, use the window switch on the door trim below the window.

- **Open or close:** Push or pull the switch to the first notch to move the window to the desired position.



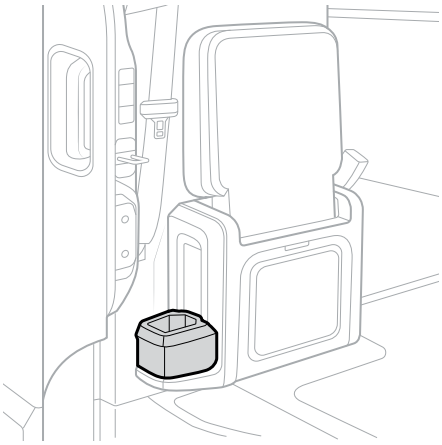
Curbside Door Window

The curbside door window provides visibility but does not open.

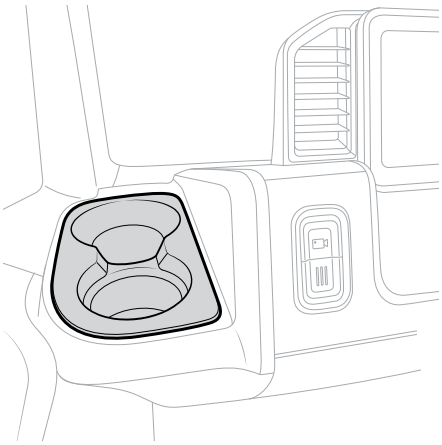
Storage and Lighting

Cabin Compartments

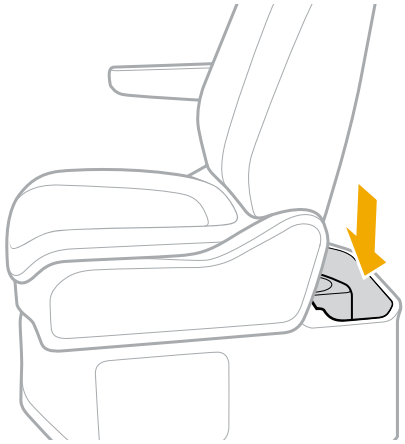
The vehicle has a cup holder near the floor of the jump seat, close to the door.



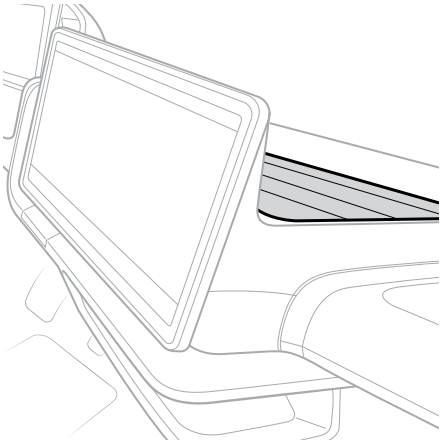
It also has two cup holders on the dashboard to the left of the driver seat.

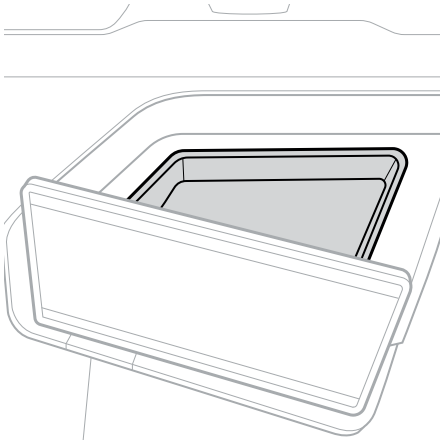


A cutout behind the driver seat includes two large bottle holders. This area is used to store items.

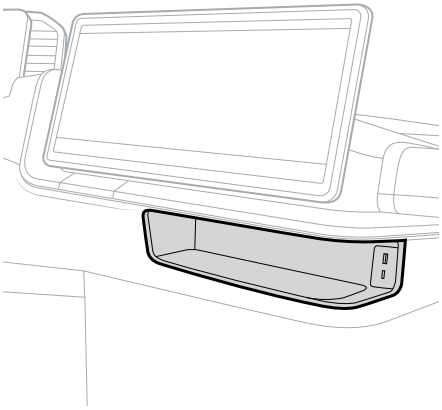


The tray behind the center display can hold mobile devices.



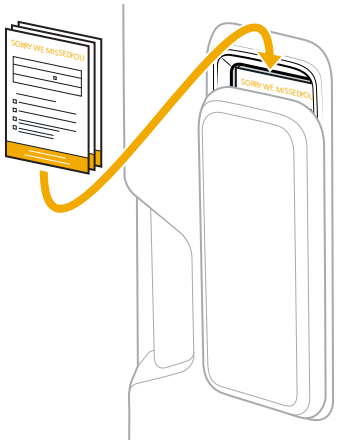


Use the shelf under the center display to store small items.



Wirelessly charge mobile devices on the trays behind and under the center display.

Store small documents in the compartment behind the jump seat.



Cabin Lights

The cabin has an overhead dome light and footwell lights. These lights help you enter and exit the vehicle safely on both the driver side and curb side. The footwell lights also illuminate the area where the foot pedals are located.

The dome and footwell lights turn on automatically when the driver or curbside door is opened. They turn off when both doors are closed or when you shift the vehicle out of **P** (Park).

To manually control the dome and footwell lights, go to **Vehicle > Controls**. Choose **Cabin lights** to turn them on or off.

Device Charging

USB Charge Ports

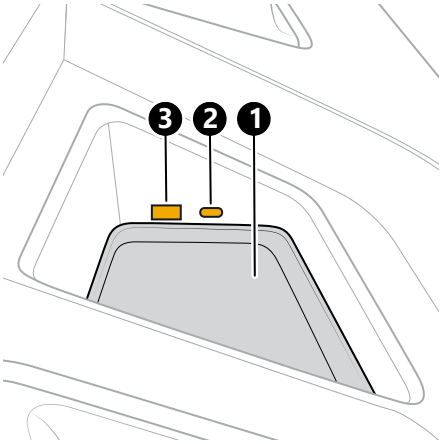
Two USB-A and two USB-C power outlets are available in the vehicle cabin.

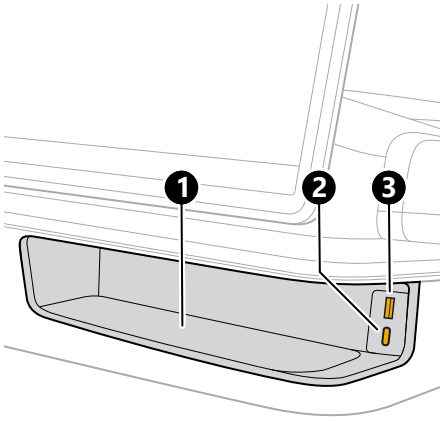
> **NOTE**
> The USB-C outlets within the two storage bins of the center console can charge a compatible device and read data.

Wireless Charger

Wirelessly charge mobile devices in the cabin as follows after the vehicle is powered on:

1. Place cell phones and other rechargeable, battery-operated devices face-up on the high-speed wireless charger, which is located on the upper tray of the center console or below the center display.
2. Check the device to confirm that it's actively charging. Charging times may vary depending on the type of device. It takes 2 to 3 hours to fully charge a depleted phone.





Item	Description
1	Storage bin and wireless charger
2	USB-C
3	USB-A

The charger is designed to work with phones encased in most standard phone cases.

> **NOTE**
> The wireless charger uses cooling fans that make a sound as it is actively charging devices.

The charging pad has a temperature sensor and will stop charging if a device or environment is too hot.

CAUTION

The charging pad is meant only for a compatible device with a rechargeable battery, such as a phone. Don't put metallic or magnetic objects there—it can damage the pad. Don't leave items such as NFC or credit cards on the pad—they can prevent the device from charging.

Troubleshooting

If This Happens	Try This
Device is too hot	Remove the device from the charger, wait for it to cool down, and try charging again later.
Wireless charger sensor doesn't detect compatible device	• Remove the device from the charger, wait a few seconds, and place the device back on the pad. • Slowly move the device around the charger to find proper positioning for charging.
Device won't charge	• Ensure that the device is 1.2.4 qi-compatible (iPhone® devices, Android™ phones, earbuds). • Ensure that there isn't an incompatible object on the charging pad (such as an NFC card or metal pieces). • Look in the storage pocket of a phone case for items such as coins or credit cards, which should not be on the charging pad. • Respond to any warnings on the center display that indicate that an unauthorized item is on the charging pad.

Phone

Connect to a Phone

To use the center display for phone calls, pair a cell phone to the vehicle with *Bluetooth*®.

Access Bluetooth settings through the Settings menu on the center display.

After a phone has been paired with the vehicle, choose the **More** button for these options:

- Turn access to Phone Calls, Contacts, and Media Audio on or off.
- Disconnect a paired phone.
- Remove a phone.

Receive a Call

Use the center display or the scroll button on the left thumb control on the steering wheel to answer or decline an incoming call, end an active call, or adjust call volume.

To use the steering wheel left scroll button to answer an incoming call:

1. Scroll to accept or decline the call on the menu that appears on the driver display.
2. Press the scroll button to confirm.

If an incoming call interrupts a call that's already in progress, do one of the following:

- End the current call and accept the incoming call.
- Put the current call on hold and accept the incoming call.

To end an active call, press the left scroll button.

On the center display, when two calls are happening at the same time, you can:

- Switch between calls.
- Choose the **Merge Calls** button to merge the calls.
- Choose the **Mute** button to mute the vehicle's microphone.
- Choose the **Hang Up** button to end a call.

To adjust the call volume, use the **Volume** button in the domain bar on the center display or scroll the left thumb control button on the steering wheel.

Make a Call

To make a call, select a contact or dial a phone number on the keypad on the center display.

When you are on a call, you can:

- Choose the **Keypad** button to dial a number on the keypad or respond to an automated telephone system.
- Choose the **Mute** button to mute the vehicle's microphone.
- Choose the **More** button to add another contact to the current call and create a conference call, or to create a parallel call.
- Choose the **Hang Up** button to end the call.

NOTES

- Support for conference or parallel calls may vary depending on your specific phone and cellular network.
- SOS or emergency calls don't require a phone paired using *Bluetooth*®. For more information, go to SOS.

Vehicle Wi-Fi

About Vehicle Wi-Fi

The vehicle can be connected to a Wi-Fi® network. Connecting to Wi-Fi is useful in areas with limited or no cellular connectivity.

Connect to a Wi-Fi Network

1. Choose the **Wi-Fi** button and the vehicle displays a list of available Wi-Fi networks.
2. Choose the network that the vehicle should join.
3. If a password is required, enter it using the keyboard that appears in the center display. The vehicle automatically saves the password so you won't need to enter it again.
4. If the desired network isn't listed, manually enter the network settings:
   - Network name
   - Password



CAUTION

In the list of available Wi-Fi networks, a lock icon next to the network name indicates that it is secure. When a lock icon does not appear, this indicates the network is not secure and may be a security risk.

NOTES

- Ensure your router or extender uses Wi-Fi Protected Access 2-Advanced Encryption Standard (WPA2-AES) encryption for wireless security. The vehicle does not support Temporal Key Integrity Protocol (TKIP) or Wired Equivalent Privacy (WEP) encryption so it does not show or connect to networks using TKIP or WEP.
- Ensure the Wi-Fi network does not use a captive portal, which is used by some cafes or hotels to manage Wi-Fi access. The vehicle initially may connect but it will not support internet access through a captive portal. If you have previously saved a captive portal network, remove it from the list of saved networks to prevent an automatic connection.

Access Wi-Fi Settings

To access Wi-Fi settings, from the **Settings** menu on the center display, choose the **Wi-Fi** button.

Wi-Fi networks are saved automatically. Remove any unneeded networks.

Sound System

Adjust the Audio Settings

To adjust the volume, choose the **Volume** button from the **Music** menu of the center display, or scroll the left thumb control on the steering wheel.

Use the left thumb control left and right buttons on the steering wheel to:

- Choose previous or next stations when listening to FM radio.
- Select previous or next track when listening to *Bluetooth*® audio.

Press the left scroll button on the steering wheel to mute or unmute FM radio, or to play or pause media for Bluetooth audio.

Access these and other audio settings using the **Music** menu on the center display.

Cargo Area

About the Cargo Area

Cargo Shelves and Area

The cargo area may be equipped with fixed and folding shelves.

Weight Limits

The Rivian-provided cargo shelves, if equipped, and cargo area have the following weight limits:

- A fixed shelf can hold 100 lb (45 kg).
- A smaller folding shelf can hold 50 lb (23 kg).
- Do not exceed the Gross Vehicle Weight Rating of the vehicle. See Steps for Determining Correct Load Limit.

Cargo Management

Warning Triangles

The optional warning triangles help to keep the vehicle safe during a breakdown. For information on how to retrieve the warning triangles and place them behind the vehicle during an emergency situation, see Emergency Equipment.

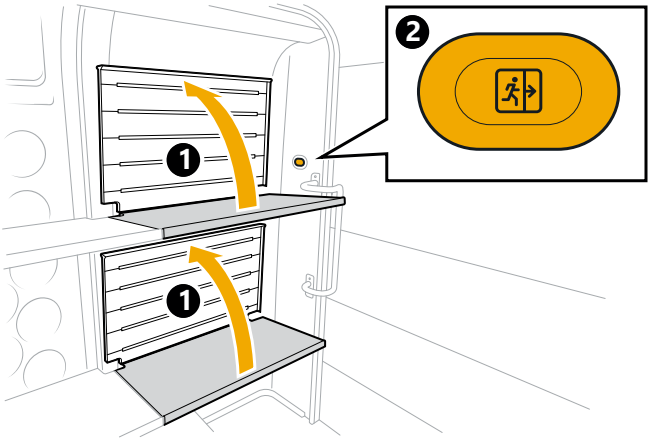
Settings and Adjustments

Reposition the Cargo Shelves

Lift the optional folding shelves so that they are flush to the wall. This is useful when storing oversized or oddly shaped packages.

To lift a shelf:

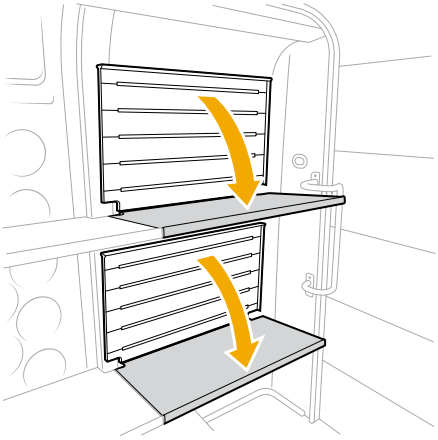
- Lift the shelf so it is against the wall and locks into place.



Item	Description
1	Folding shelves
2	Rollup door release button

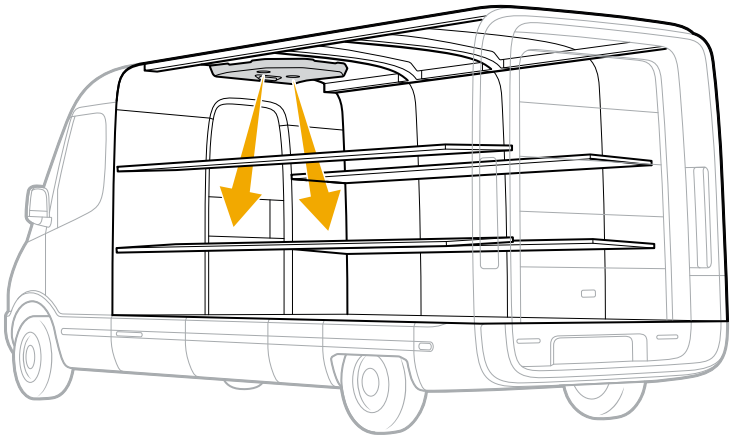
To lower a shelf:

- Lower the shelf so it is perpendicular to the wall and locks in place.



Cargo Area Ventilation

The cargo vent uses two fans for ventilation.



The cargo vent can be set to On, Off, or Auto. Select **Vehicle** in the domain bar and choose the **Cargo Fan** button.

When set to Auto, the cargo vent automatically turns the fans on or off, depending on the temperature inside the cargo area and other conditions.

- The fans turn on only when the driver is inside the vehicle and the bulkhead door is closed.
- The fans turn off when the vehicle is in **P** (Park) and the driver is away from the vehicle.

> **NOTE**
> When the ambient temperature is high, the fans may run for a long time.

Cargo Area Temperature	Fan Status
100°F (38°C) or above	Fans turn on
Below 96°F (36°C)	Fans turn off

Cargo Lights

The cargo lights help you enter and exit the vehicle safely, view cargo, and load or unload cargo safely.

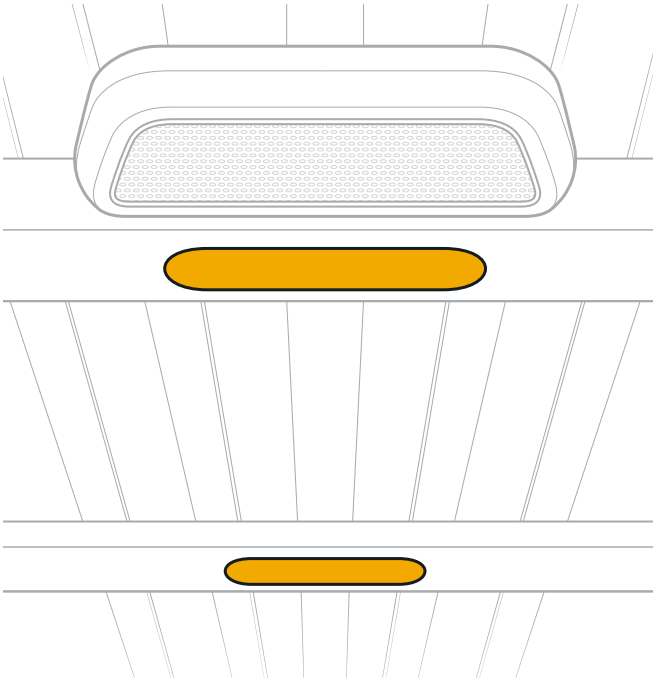
The cargo lights are located in the ceiling of the cargo area. By default, the cargo lights are set to Auto and turn on automatically when the rollup or bulkhead door is opened. They turn off when the doors are closed.

The sensor in the windshield automatically sets the brightness level to high during daytime conditions and medium during nighttime conditions.

To manually select a different brightness level:

1. On the center display, go to **Vehicle > Controls**.
2. For the Cargo lights brightness, choose **Custom**.
3. Choose a brightness level.

Choose **Auto** to have the vehicle automatically set the brightness level.



Driving

Basic Vehicle Operations

Power On or Off

The vehicle powers on when it detects the approach of the key fob and you pull the door handle to open the door.

To power off the vehicle:

1. Stop the vehicle completely.
2. Put the vehicle in **P** (Park).

The vehicle locks the doors and goes to sleep after you walk away with the key fob.

> **NOTE**
> The vehicle remains ready when it is charging. It also remains ready if you are sitting inside or accessing the cargo area.

View Odometer

To view the odometer, select the Vehicle icon on the center display, then select **Controls**.

Brakes

Regenerative Braking

When you lift your foot off the accelerator pedal while the vehicle is moving, it causes regenerative braking. This slows the vehicle down and charges the battery, and may illuminate the brake lights. The brake lights do illuminate during heavy deceleration. Reducing pressure on the accelerator pedal increases the rate of deceleration.

Using the accelerator pedal to move forward and to stop the vehicle (with regenerative braking) is known as one-pedal driving. It improves battery range and reduces brake pad wear.



> **CAUTION**
> - If the battery is fully or near fully charged, regenerative braking may be reduced. Press the brake pedal to stop the vehicle.
> - Regenerative braking may vary due to battery state of charge, cold weather, vehicle load, or other factors.

Anti-Lock Braking System

The anti-lock braking system prevents the wheels from locking up while braking. It allows greater control of the vehicle during sudden stops or on slippery or low-grip surfaces. The anti-lock braking system works automatically and is a part of the braking system.

Electronic Stability Control

The Electronic Stability Control (ESC) system helps the vehicle maintain stability by providing anti-skid support. It also helps stabilize the vehicle by applying the brakes when the vehicle over- or under-steers. When the vehicle detects sliding or skidding, ESC activates automatically.

Status indicators for anti-lock braking or electronic stability control may appear on the driver display when these features are activated or are not working properly.

Select a Gear

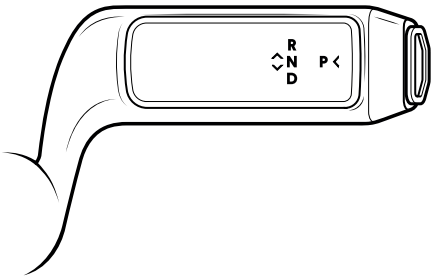
DANGER

- Always buckle your seat belt before driving.
- Hold down the brake pedal before shifting out of **P** (Park) to keep the vehicle stopped.
- Shift into **P** (Park) before leaving the driver seat, moving around the cabin, or exiting the vehicle.

Use the drive stalk on the right side of the steering wheel to select a gear. The driver display shows the current gear.

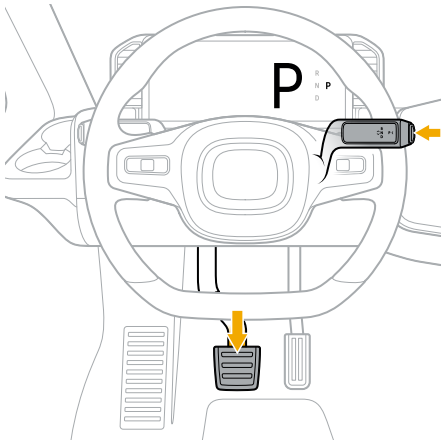
CAUTION

The gear stalk works the same as the light stalk on the left. It selects gears electronically and is different from a standard mechanical gear lever. Press the lever gently when selecting a gear to avoid damaging it.



P (Park)

1. Hold down the brake pedal and make sure the vehicle is completely stopped.
2. Push the button on the end of the drive stalk to put the vehicle into **P** (Park).



NOTES

- The vehicle has an electronic parking brake, which automatically engages under certain conditions, such as after 10 minutes in **P** (Park) at the end of a shift, or if the vehicle is parked on a steep grade.
- If you need to immediately secure the vehicle with the electronic parking brake, press and hold **P** (Park) at the end of the drive stalk for 5 seconds.
- The vehicle doesn't have any separate parking brake handle or pedal.

IMPORTANT

You can't shift out of **P** (Park) in these situations:

- A charge cable is connected to the vehicle.
- The brake is not pressed.
- A driver is not seated properly in the driver seat.
- The key fob is not in the vehicle.
- An error causes a status indicator or warning to appear on the driver display.

R (Reverse)

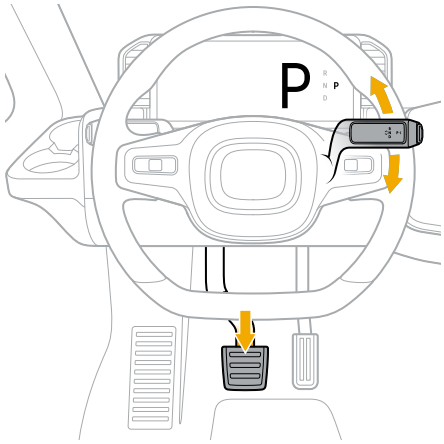
1. Hold down the brake pedal. Ensure the vehicle is completely stopped.
2. Push the drive stalk all the way up and then release to put the vehicle in **R** (Reverse).

N (Neutral)

1. Press and hold the brake pedal to keep the vehicle from rolling.
2. Push up the drive stalk to shift into **N** (Neutral).

D (Drive)

1. Hold down the brake pedal.
2. Fully push down and release the drive stalk to shift into **D** (Drive).



Stop Driving

To stop driving, put the vehicle in **P** (Park) again.

1. Hold down the brake pedal.
2. Press the **P** (Park) button at the end of the drive stalk.

Exterior Lights

About Exterior Lights

The vehicle includes the following lights:

- Turn signals
- Headlights (high beams and low beams)
- Rear fog lights
- Brake lights
- Hazard lights
- Daytime running lights
- Parking lights
- Reverse lights
- Rollup door task light

The exterior light locations are shown in the Exterior section.

Rollup Door Task Light

Located at the rear top of the vehicle, this task light illuminates the ground by the rollup door. The task light turns on automatically at night when you open the rollup door while the vehicle is parked.

To manually control the task light, go to **Vehicle > Controls** on the center display. Choose **Task light** to turn it on or off.

If the exterior task light is left on either manually from the center display or automatically when the rollup door is open at night, it turns off when you shift the vehicle out of **P** (Park).

Exterior Lights Controls

The vehicle includes both automatic and manual control of the lights.

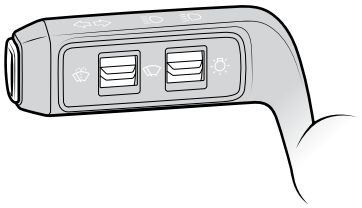
Automatic Control

By default, the vehicle automatically controls the lights:

- The brake lights turn on when you press the brake pedal or when regenerative braking is active.
- The daytime running lights turn on automatically.
- The parking lights turn on automatically.
- The reverse lights turn on when you shift the vehicle into **R** (Reverse).
- The rollup door task light turns on automatically when the vehicle is parked and you open the door.

Manual Control

You have the following controls:



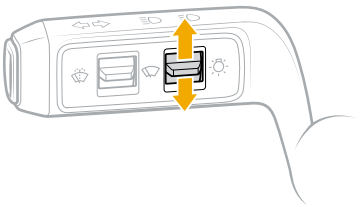
- Use the lights stalk on the left side of the steering wheel to activate the turn signals, headlights, and rear fog lights.
- The brake lights turn on when you press the brake pedal or when regenerative braking is active.
- Press the button under the center display to turn on the hazard lights.

Headlights and Rear Fog Lights

The daytime running lights turn on automatically when you drive or park the vehicle and the lighting mode is set to Auto during daytime conditions.

The headlights and parking lights turn on automatically when you drive or park the vehicle and the lighting mode is set to Auto during nighttime conditions.

Manual Control



Use the light switch on the lights stalk to control the headlights and rear fog lights.

Push the light switch up to turn the low beams on. Push the light switch up again to turn on both the low beams and rear fog lights.

Push the light switch down once to return to low beams only, or push the light switch down twice to return to Auto mode.

The driver display shows the lights settings:

Icon	Name
	Low Beams + Rear Fog
	Low Beams
	Auto

High Beams

High beams increase forward visibility in dimly lit areas.

> **IMPORTANT**
> Ensure high beams are appropriate for the current weather and driving conditions.

Icon	Name
	High Beams
	Auto High Beams

Automatic Control

Auto High Beams are turned on by default and switch to low beams when an oncoming vehicle approaches or when you approach another vehicle.

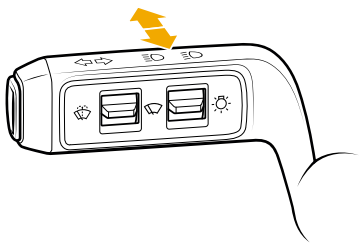
To disable automatic control of the high beams, go to **Vehicle** > **Safety** and turn off **Auto High Beams**. To re-enable automatic control of the high beams, go to **Vehicle** > **Safety** and turn on **Auto High Beams**.

> **NOTE**
> To temporarily turn off Auto High Beams, push or pull the lights stalk. To turn on Auto High Beams again, push the lights stalk away from you.

Manual Control

To control the high beams manually, use the lights stalk on the left side of the steering wheel.

- Pull the lights stalk toward you to turn on the high beams. High beams stay on as long as you hold the lights stalk. Release the lights stalk to turn off the high beams.
- When the low beams are already turned on, push the lights stalk away from you to turn on the high beams. Push the lights stalk away again to turn off the high beams.



Turn Signals

Use the lights stalk on the left side of the steering wheel to control the turn signals.

Manual Control

To flash the turn signals for a lane change, lightly push the lights stalk. The turn signals automatically stop after they flash three times.

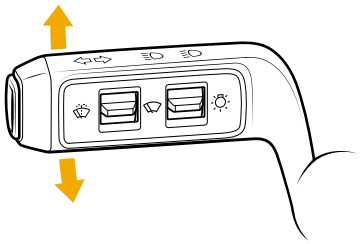
To flash continuous turn signals, push until the lights stalk clicks. To stop the turn signals, move the steering wheel and complete the turn.

You can also stop the turn signals if you push the lights stalk in the opposite direction of the initial turn until it clicks. This also initiates continuous turn signals for that opposite direction.

Direction of Turn

Push the lights stalk up to indicate a right turn or lane change.

Push the lights stalk down to indicate a left turn or lane change.

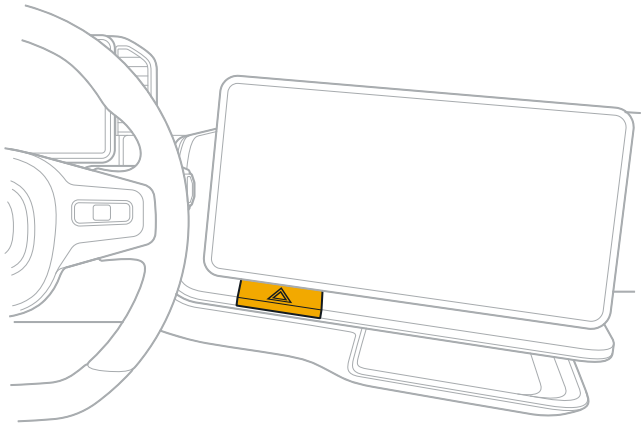


Hazard Lights

The hazard lights automatically turn on in the event of a collision or when manually turned on.

To turn on the hazard lights, press the **Hazard Lights** button under the center display once. Press the button again to turn them off.

> **NOTE**
>
> Turn signals have priority over hazard lights. If the hazard lights are turned on and you push the lights stalk up or down to indicate a turn or lane change, the turn signals flash and the hazard lights turn off temporarily. After the turn signals stop, the hazard lights resume.



When the vehicle is in **P** (Park), you can make the hazard lights flash more quickly to indicate an emergency.

1. Turn the hazard lights on.
2. On the center display, go to **Vehicle > Controls**.
3. Turn on **Emergency hazard lights**.

To resume normal hazard light behavior, turn off **Emergency hazard lights**.

Wipers

About Wipers

Use the windshield wipers to remove rain, other liquids, and light debris from the front windshield.

Adjust the wiper modes to any of the following settings:

- Storm (high speed)
- Downpour (low speed)
- Intermittent speeds:
  - Shower
  - Drizzle
  - Sprinkle
- Auto (default setting)
- Off

Auto Mode

When the wipers are in Auto mode, sensors detect rain on the windshield and turn the wipers on automatically. The wipers run until the windshield is cleared. Auto mode is the default setting.

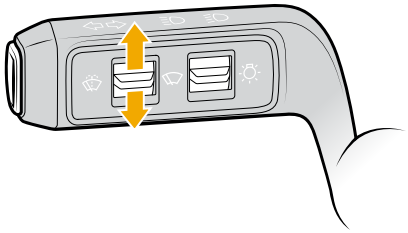
CAUTION

- In cold weather, turn off the wipers and allow them to return to the default position before exiting the vehicle. The wipers could freeze to the windshield and may cause damage to the wiper motor when restarted.
- Fully defrost the windshield before switching on the wipers.

Change the Wiper Settings

Change the wiper settings with the lights stalk to the left of the steering wheel.

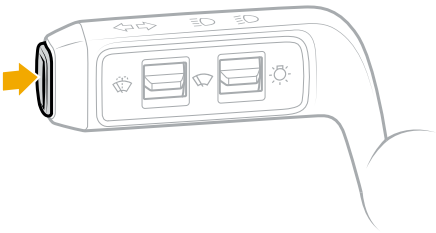
To select a wiper speed setting, toggle the wiper switch on the lights stalk up or down.



Wash the Windshield

Wash the windshield using the lights stalk to the left of the steering wheel. Do one of the following:

- To wipe the windshield once without washer fluid, quickly press and release the button on the end of the lights stalk.
- Press and hold the washer button on the end of the lights stalk to spray and wipe the windshield. To stop, release the button.



Horn

Press the center hub of the steering wheel to sound the horn. The horn will function when the vehicle is powered on.

Steering Wheel Adjustment

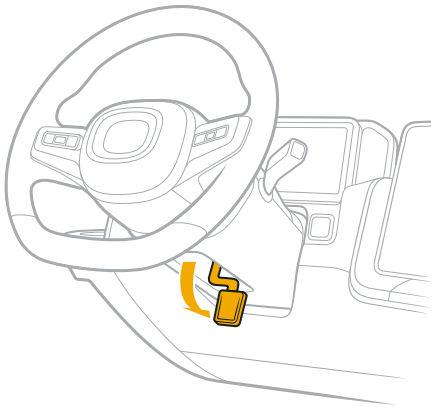
Use the telescope and tilt features to adjust the steering wheel.

WARNING

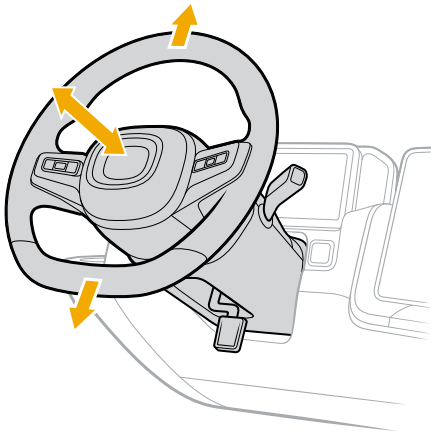
Do not adjust the steering wheel while driving.

Follow these steps:

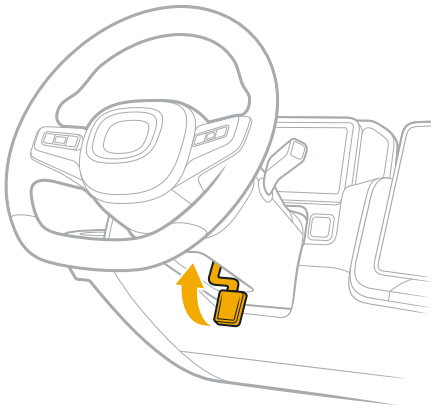
1. Under the steering wheel, push the adjustment lever down.



2. Move the steering wheel in and out, and up and down.



3. When the steering wheel is in the desired position, pull the lever up to lock the steering wheel in place.



Driving Controls

Status Indicators

Function Check

After a restart, the vehicle performs a function check. All status indicators light up for a few seconds when you press the brake or hold the brake to shift out of **P** (Park).

Status indicators are often paired with a notification that explains the indicator. Notifications disappear from the display screens after a set time.

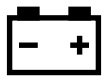
DANGER

If any of the "malfunction" or "system failure" lights stay on or appear after the initial function check, it may be unsafe to operate the vehicle, and it may not be drivable.

Contact Rivian Service to have the vehicle inspected.

CAUTION

The height of the vehicle is 9 ft 7 in (2.92 m). To prevent damage to the vehicle, drivers should be able to recognize the height of structural overhangs, tree branches, power lines, and other low-hanging objects.

Icon	Name	Description	Location	Active State
	12 V Battery Warning	12 V battery needs service (solid yellow) or needs to be replaced (solid red).	Driver display	Solid red or solid yellow
	Airbag Malfunction	Airbag system isn't working properly.	Driver display	Solid red
	Anti-Lock Braking System (ABS) Malfunction	ABS isn't working properly.	Driver display	Solid yellow
	Automatic Emergency Braking (AEB)	AEB isn't working properly.	Driver display	Solid yellow

Icon	Name	Description	Location	Active State
	Automatic High Beams	High beam headlights turn on and off automatically for oncoming traffic.	Driver display	Solid blue when on Solid gray when off
	Blind Spot Warning (BSW) Malfunction	BSW isn't working properly.	Driver display	Solid yellow
	Brake Assist Malfunction	Reduced brake functionality.	Driver display	Solid yellow
	Brake System Malfunction	Critical brake system failure.	Driver display	Solid red
	Door Ajar Indication	One or more vehicle doors aren't fully closed. When this indicator appears, an image shows which doors are open.	Driver display	Solid red
	Electronic Stability Control (ESC) System or Traction Control Malfunction	ESC system or Traction Control isn't working properly.	Driver display	Solid yellow
	Electronic Stability Control (ESC) System or Traction Control On	ESC system or Traction Control is active, improving traction by providing anti-skid support.	Driver display	Flashing yellow
	Forward Collision Warning (FCW)	FCW is turned off or not working properly.	Driver display	Solid yellow
	High Beams	High beam headlights are on.	Driver display	Solid blue
	Lane Departure Warning (LDW)	LDW isn't working properly.	Driver display	Solid yellow

Icon	Name	Description	Location	Active State
	Lighting Malfunction	One or more of these lights is out: • Low Beams • High Beams • Turn Indicators • Rear Fogs • Stop Lights • Parking Lights	Driver display	Solid yellow
	Limited Performance Mode	Vehicle performance may be limited due to low battery charge, vehicle faults, or cold ambient temperatures. The vehicle is safe to drive, but acceleration is limited.	Driver display	Solid yellow
	Low Battery Warning	The vehicle's calculated range is low: • Yellow = 50 mi (80 km) • Red = 5 - 30 mi (10 - 50 km) remaining • Red = 0 mi (0 km)	Driver display	Solid yellow or solid red
	Low Beams On	Low beam headlights are on.	Driver display	Solid green
	Low Tire Pressure	One or more tires have low tire pressure.	Driver display	Solid yellow
	Marker Lights	Vehicle lighting system is on, specifically marker lighting.	Driver display	Solid green
PARK	Parking Brake On	Parking brake is on.	Driver display	Solid red

Icon	Name	Description	Location	Active State
	Parking Brake System Malfunction	Parking brake system isn't working properly.	Driver display	Flashing red
	Power Steering Critical Fault State	Critical steering system failure. Loss of power assist. Service the vehicle immediately.	Driver display	Solid red
	Power Steering Reduced Assist State	Power steering is not functioning correctly. Power Assist may be degraded and some functions may be deactivated.	Driver display	Solid yellow
R N P D	PRND	Indicates which gear the vehicle is in: P (Park), R (Reverse), D (Drive), N (Neutral). (Active State color varies depending on day or night mode.)	Driver display	Solid
	Rear Automatic Emergency Braking (R-AEB)	R-AEB isn't working properly.	Driver display	Solid yellow
	Rear Fog Lights	Rear fog lights are on.	Driver display	Solid yellow
	Regen Braking Fault	Regenerative braking reduced. Use brake pedal to slow down.	Driver display	Solid yellow
	Seat Belt Reminder	Driver's seat belt isn't fastened.	Driver display	Solid or flashing red
	Tire Pressure Monitoring System (TPMS) Malfunction	TPMS system isn't working properly.	Driver display	Flashing yellow

Icon	Name	Description	Location	Active State
	Turn Indicators	One flashing indicator shows a turn signal is on. Two flashing indicators shows the hazard lights are on. Fast flashing indicates that a bulb is out.	Driver display	Flashing green
	Vehicle Hold	Vehicle automatically stays still without applying the brake. (Active State color varies, depending on day or night mode.) A small blue Hold box also appears above the speedometer.	Driver display	Solid
	Windshield Defrost Fault	Windshield defrost system performance is limited and needs to be serviced.	Center display	Solid yellow
	Windshield Defrost	Windshield defrost is on or off.	Center display	Solid colors Off: white Defrost: red
	Windshield Washer Fluid Low	Windshield washer fluid is low.	Driver display	Solid yellow
	Windshield Wiper AUTO	The default windshield wiper setting. The vehicle resets the wipers to auto by default.	Driver display	Solid
	Windshield Wiper OFF	Windshield wipers have been turned off.	Driver display	Solid

Vehicle Hold

Vehicle Hold brings the vehicle to a stop and holds it stationary. There is no need to press the brake pedal. The Hold icon appears on the driver display when this feature is turned on.

If there is no pressure on the accelerator pedal or brake pedal, the vehicle automatically slows down and stops. After the vehicle has been stopped for 10 minutes, it automatically shifts into **P** (Park) and engages the electronic park brake. To resume driving, shift into **D** (Drive).

The vehicle automatically shifts into **P** (Park) if the driver exits the vehicle when Vehicle Hold is active.

CAUTION

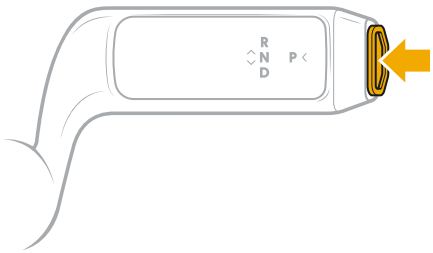
The center display indicates if Vehicle Hold isn't available, or if the vehicle is on a steep grade where Vehicle Hold can't engage. In this situation, use the brake pedal to bring the vehicle to a stop and shift into **P** (Park) before getting out of the vehicle. See Emergency Stop if normal braking functions don't work.

CAUTION

- If an error occurs while the vehicle is stationary due to Vehicle Hold, the vehicle automatically shifts into **P** (Park).
- If an error occurs 3 consecutive times when attempting to shift out of **P** (Park), Vehicle Hold is disabled. Contact Rivian Service.

Emergency Deceleration

If the brakes do not work properly, press and hold the **P** (Park) button to immediately decelerate. An emergency deceleration notification appears on the driver display.



NOTES

- Continue to hold the **P** (Park) button to bring the vehicle to a stop. If the vehicle reaches a standstill, it automatically shifts into **P** (Park) and applies the parking brake.
- Release the **P** (Park) button to stop the deceleration.
- To stop the emergency deceleration, press the accelerator pedal while emergency deceleration is in progress.

Electronic Stability Control

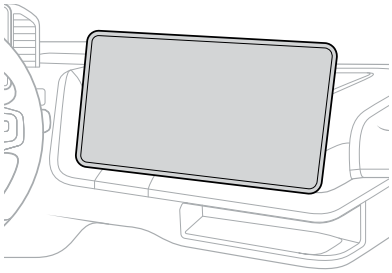
The Electronic Stability Control (ESC) system helps the vehicle maintain stability by providing anti-skid support. It also helps stabilize the vehicle by applying the brakes when the vehicle over- or under-steers. When the vehicle detects sliding or skidding, ESC activates automatically.

Status indicators for anti-lock braking or electronic stability control may appear on the driver display when these features are activated or are not working properly.

Display Screens

Center Display

About the Center Display



The center display is a touch screen located at the center of the instrument panel.

Choose day, night, or auto mode for your display screen. To set your screen brightness to automatically adjust to ambient light, do the following:

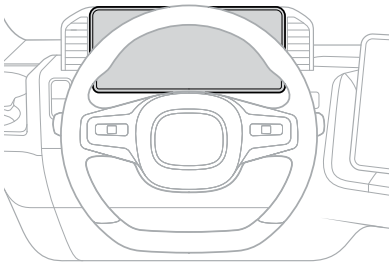
1. Go to **Vehicle > Displays** and choose **Auto** for the mode.
2. With Auto turned on, use the brightness slider to manually adjust the brightness level with an offset relative to the ambient light. The brightness level continues to automatically adjust, with your offset, until you turn off Auto.

WARNING

If the center display becomes too hot to touch, it alerts you with a message. This can occur when the vehicle cabin temperature rises. Wait until the screen cools before touching the center display.

Driver Display

The driver display is located behind the steering wheel. It isn't a touch screen. It displays information relevant to the driver, such as the driving speed and current gear.



Navigation

Navigation Overview

Choose the compass on the center display to open Navigation. Use Navigation to do the following:

- Browse and search the map
- Select and start navigation to one or more destinations
- Identify charging stops for your vehicle

Navigation ends your trip when you park your vehicle near the destination.

When you select a destination, the top one or two estimated fastest routes appear on the map, along with driving times and distances. Choose **Navigation Settings** to the right of the map to set your navigation preferences such as guidance volume, map view, and traffic overlays. Choose **Map Styles** to the right of the map to toggle on and off the satellite view.

Choose **Feedback** to share feedback about your navigation experience or charging stations that you view or visit. **Feedback** is available on the map or on a location details screen. A panel appears for you to select categories for feedback. Tap on a selected category to deselect it. Be sure to **Send** your feedback before closing the panel.

> **NOTES**
> - Available categories on the feedback panel differ depending on where you access feedback.
> - Feedback is not available if you're offline or haven't accepted sharing location.

Though not as detailed as when you're online, map and navigation data is still available if you happen to be out of a network area.

Charging Stops

You can toggle to hide or show charging stations by choosing **Charging Stations** to the right of the map on the center display.

- View information about a charging station by choosing a charger pin. Information includes type of station, location, distance, speed, and availability (if the station provides this status), as well as a charging score. These charging scores, based on plug-in data gathered from Rivian vehicles that visit the site, range from A to F, with A indicating the most reliable. Go to **Details** in the charging station dialog for more information about the station and its score.
- Customize your view of charging stations on the map with the filter buttons at the top for Speed, Network, and chargers to hide (for example, out-of-order sites, charging stations incompatible with Rivian vehicles, or those that need charging adapters).

If your vehicle doesn't have enough charge to reach a destination, charging stops are added to your trip to ensure sufficient range.

1. Choose **Trip Details** to view Trip Details such as recommended charge times and charge speed. Choose a charging site to see more details.
2. Choose **Go** to begin navigation.

If you prefer not to charge at the charging stops, choose **Remove Charging Stops** on the Trip Details panel. This removes all charging stops from your route.

NOTES

- Battery range estimate for a route is based on your vehicle configuration, selected drive mode, and the route conditions (such as elevation, weather, and your driving speed).
- As you navigate to a charging stop along a selected route, the vehicle may heat or cool the battery pack to ensure that it reaches its most optimal charging temperature by the time you arrive at the stop. This helps facilitate the fastest possible charge time. When this occurs, you will see a message on the Navigation screen and on the driver display.
- Charging stations that need adapters are indicated on screens such as the navigation map, search results, and Trip Details. Not all models of NACS charging stations are compatible with Rivian vehicles.

Add Stops

Add multiple stops along your route and during trip planning for a customized navigation experience. You can also use the Rivian Mobile App and Google Maps™ to send a multi-stop trip directly to your vehicle.

From Map

Before a trip, search for an address or location on the on the center display's map and choose **Trip Details** to access the Trip Details screen.

From Active Navigation Guidance

During an active guidance session, there are several ways to add a stop:

- On the panel for estimated time of arrival, choose **Add** to add a new stop as your immediate next destination.
- On the panel for estimated time of arrival, choose **Trip Details** to view the Trip Details screen.

From Charging Overlay

On the center display's map, tap on a charging stop and choose **Add Stop** to add it as a stop. You can toggle on the charging filter to the right of the map to view charging stops, shown as lightning bolts on the map.

NOTE

You can add a stop from the charging overlay before your trip or during active navigation guidance.

Edit Stops

Edit the stops in your list from the Trip Details screen:

- Add more stops by tapping on the "Add Stop" search field.
- Reorder a stop by pressing and holding and then dragging the stop up or down the list. You can reorder items in the list before adding a stop.
- Choose **Edit** at the top of the Trip Details screen for more ways to edit your trip.

Remove Stops

There are several ways to remove a stop from your list:

- On the Trip Details screen, remove a stop by swiping left.
- On the Trip Details screen, tap on a stop to view the location details screen and choose **Remove Stop**.
- On the Trip Details screen, drag around a stop and choose **Delete**.
- On the Edit Trip screen, choose **Delete** next to a stop.

Driver Assistance

Driver Assistance Introduction

About Driver Assistance

Driver assistance features are designed to help with driving tasks, prevent collisions, and increase your safety while on the road.

> **NOTE**
> Depending on your vehicle, not all features are available.

Driving Assist

- **Adaptive Cruise Control (ACC):** Maintains a set speed and automatically accelerates and brakes to keep an appropriate distance from vehicles ahead of you in the current lane.
- **Curve Speed Assist (CSA):** Adjusts the vehicle's speed to provide additional safety and comfort when you drive on curvy roads.
- **Curve Speed Warning (CSW):** Provides a visual graphic on the driver display and audio alerts if the vehicle speed is too high while driving through a curve.

Lane Safety

- **Lane Departure Warning (LDW):** Alerts you if the vehicle moves too close to lane markers or crosses the lane markers without a turn signal on.
- **Lane Keeping Assist (LKA):** Momentarily steers the vehicle toward the center of the lane if the vehicle moves too close to the lane markers or crosses them without a turn signal on.
- **Blind Spot Warning (BSW):** Shows a live camera view of your blind spot with the activation of a turn signal, and warns you when it detects vehicles in your blind spot with audible alerts and a flashing indicator in your side view mirrors.

Collision Mitigation

- **Forward Collision Warning (FCW):** Detects and warns of potential frontal collisions with other vehicles or pedestrians.
- **Automatic Emergency Braking (AEB):** Automatically applies the brakes to help mitigate or prevent a collision if you don't react in time to a warning.
- **Dynamic Brake Support (DBS):** Provides additional braking if you don't press the brake pedal hard enough to prevent an imminent collision.
- **Rear Automatic Emergency Braking (R-AEB):** Detects a potential collision with objects behind the vehicle while it is backing up and applies the brakes if the driver doesn't react in time to warnings.

Parking Safety

- **Park Assist:** Warns you if an object is too close to the vehicle during parking maneuvers or when the vehicle is in **R** (Reverse).
- **Rear Cross-Traffic Warning (RCTW):** Warns you of vehicles approaching from the sides behind your vehicle when in **R** (Reverse) or rolling backward in **N** (Neutral).

> **NOTE**
>
> See Always-On Rear View and Backup and Surround View for information on how the cameras work when the vehicle is in **R** (Reverse).

Light Safety

Automatic High Beams: Switches between high and low beams based on the vehicle traffic, ambient light, and road conditions detected by the front camera to reduce glare for drivers of oncoming or preceding vehicles.

Driving Assist

Adaptive Cruise Control

Adaptive Cruise Control (ACC) maintains a target speed and automatically accelerates and brakes to keep an appropriate distance from the other vehicles that are ahead in the current lane. Adaptive Cruise Control can bring the vehicle to a complete stop and automatically resumes when the vehicle in front moves forward.

WARNING

When Adaptive Cruise Control is turned on, always monitor traffic and driving conditions and be prepared to steer or brake if needed. This feature is designed to support the driver and doesn't replace the driver's attention, judgment, and need to control the vehicle. Adaptive Cruise Control is not intended for use in residential areas.

Operating Conditions

Adaptive Cruise Control	Condition
Can be turned on	• When traveling within the activation speed range of 20 - 70 mph (32 - 113 km/h) • When traveling below 20 mph (32 km/h) and there is a vehicle ahead within sensing range • Lane lines are clearly visible • Seat belt must be fastened • All doors must be closed
Cannot be turned on	• When traveling below the minimum activation speed and there's no vehicle ahead within sensing range • When traveling above the maximum activation speed

CAUTION

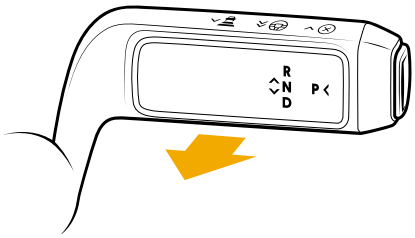
Adaptive Cruise Control may turn off without warning or become unavailable due to heavy rain or snow or if direct light is shining into the front camera.

NOTES

- Adaptive Cruise Control reduces vehicle speed in curves if the set speed is too high for safely maneuvering the turn.
- Adaptive Cruise Control does not account for posted speed limits. Drive responsibly and adjust the target speed according to the posted speed limit.

Engage Adaptive Cruise Control

To engage Adaptive Cruise Control, pull the drive stalk toward you once and release. The vehicle chimes once and sets the current speed as the target speed. The target speed is displayed in a circle at the top of the driver display.

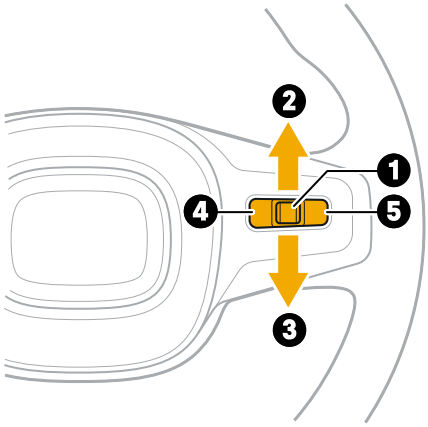


Change the Speed and Following Distance

To set a new target speed, perform one of the following:

- Press the buttons on the right side of the steering wheel to increase (5) or reduce (4) the target speed.
- Accelerate to the new desired target speed, pull the drive stalk toward you, and release.

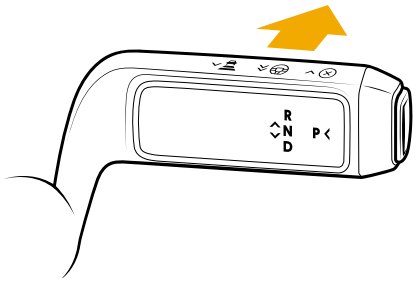
To change the following distance, move the thumb control up (2) to increase the distance or down (3) to decrease the distance.



Item	Control	Function
1	Thumb control	Described below
2	Thumb control up	Increase following distance
3	Thumb control down	Decrease following distance
4	Left thumb control button	Reduce speed • Quick press - reduce target speed by 1 mph (1 km/h) increments • Long press - reduce target speed to nearest 5 mph (10 km/h) increment
5	Right thumb control button	Increase speed • Quick press - increase target speed by 1 mph (1 km/h) increments • Long press - increase target speed to nearest 5 mph (10 km/h) increment

Disengage Adaptive Cruise Control

To disengage Adaptive Cruise Control, push the drive stalk away from you and release, or press the brake pedal.



NOTES

- When Adaptive Cruise Control is engaged, accelerate the vehicle by pressing the accelerator pedal. After releasing the accelerator pedal, Adaptive Cruise Control resumes operation automatically.
- When Adaptive Cruise Control is no longer engaged, the vehicle may slow down because of regenerative braking if the accelerator isn't pressed down.

Adaptive Cruise Control Hold

When Adaptive Cruise Control is engaged, it causes the vehicle to stop when the traffic in front of it also stops. If the vehicle is stopped for at least 5 seconds, Adaptive Cruise Control pauses. To resume Adaptive Cruise Control after a pause, lightly press the accelerator pedal.

> **NOTE**
>
> After Adaptive Cruise Control pauses for 10 minutes, it turns off, and the drive stalk automatically shifts to **P** (Park).

Driving Conditions

In certain conditions, Adaptive Cruise Control may be limited and exhibit degraded performance. In this case, Adaptive Cruise Control may either brake when it's not required or not brake for vehicles and objects. These conditions include, but are not limited to:

- External elements such as mud, dirt, snow, ice, and slush block the sensors
- Outside temperature is too high or low
- The vehicle is traveling on uneven surfaces
- The windshield is fogged, scratched, cracked, or otherwise damaged
- Strong light (such as direct sunlight) shines onto the front of the vehicle
- The vehicle is traveling on sharp curves or hilly roads
- The vehicle travels too closely to a vehicle ahead in the same lane, or another vehicle cuts into the lane
- A vehicle or object is partially present or driving in the lane ahead, for example in a merge lane or auxiliary turn lane
- After changing lanes, there is a stationary or slow-moving vehicle or object ahead

System Malfunctions

In the event of a blockage or malfunction, the driver display notifies the driver that Adaptive Cruise Control is unavailable if the driver attempts to turn on this feature.

If Adaptive Cruise Control is turned on when a blockage or malfunction occurs, visual and audible sensors notify the driver to take control of the vehicle.

Don't Obscure the Adaptive Cruise Control Camera or Radar

WARNING

- The Adaptive Cruise Control camera is located behind the windshield at the center of the dashboard. Adaptive Cruise Control may turn off or be unavailable if the windshield in front the front camera is dirty. Keep it free of debris, mud, and snow. Don't place stickers or films on the windshield that obscure the front camera.
- The Adaptive Cruise Control front radar is located above the front bumper, behind the fascia grill. Keep the area clean and don't apply stickers or install metal plates.

WARNING

- Adaptive Cruise Control may be degraded while traveling on sharp curves or hilly roads. Always be ready to take control.
- Adaptive Cruise Control is only an assist feature and not a substitute for careful driving. This feature is not designed to avoid collisions in all situations.

Curve Speed Assist

Curve Speed Assist (CSA) provides additional safety and comfort to Adaptive Cruise Control when driving on curvy roads. Curve Speed Assist adjusts the vehicle's speed based on road curves and the driver's steering input.

When Curve Speed Assist is on, a curvy arrow displays to the right of the set speed.



NOTE

Curve Speed Assist operates only when Adaptive Cruise Control is on, and not during manual driving.

WARNING

- In certain conditions, such as a high-speed approach to a curve or a road with sharp curves, Curve Speed Assist may not reduce speed sufficiently. Do not rely solely on Curve Speed Assist to control the vehicle.
- Curve Speed Assist does not monitor posted speed limits.
- Curve Speed Assist is designed to support the driver and does not replace the driver's attention, judgment, or control of the vehicle.

Curve Speed Warning

Curve Speed Warning (CSW) provides a visual graphic on the driver display and audio alerts if the vehicle speed is too high while driving through a curve.

Curve Speed Warning operates between 15 - 70 mph (24 - 113 km/h).

CAUTION

Curve Speed Warning is designed to support the driver and does not replace the driver's attention, judgment, or control of the vehicle.

Driving Conditions

In certain conditions, Curve Speed Warning may not provide warnings or may provide false warnings. These include:

- Severe weather, such as heavy rain or snow
- Traveling on loose surfaces, such as gravel or sand
- Traveling on uneven surfaces

Lane Safety

Lane Departure Warning

Lane Departure Warning (LDW) alerts the driver if the vehicle begins to move too close or crosses the lane markers without a turn signal on. Lane Departure Warning features audio alerts, steering wheel vibration, and a visual graphic on the driver display that shows which side of the lane that the vehicle is drifting toward.

If the feature isn't working properly, the Lane Departure Warning status indicator appears on the driver display.



Lane Departure Warning automatically turns off its warnings:

- When the system detects that the front wheels are not about to cross the inner edge of the lane marking
- When the front wheels are not about to cross the road edge
- When the turn signal is turned on in the direction of the lane crossing

WARNING

Lane Departure Warning is designed to support the driver and does not replace the driver's attention, judgment, and need to control the vehicle. Drivers are required to keep their hands on the steering wheel at all times. Visually check that no vehicles are present in the blind spots before changing lanes.

Operating Conditions

Feature	Condition
Lane Departure Warning	Lane markings and road edges are clearly visible.

Driving Conditions

In certain conditions, the performance of Lane Departure Warning may be limited. Limitations include not providing warnings or providing false warnings. Some conditions that can limit performance include:

- Mud, dirt, snow, ice, or slush blocking the sensors
- Inclement weather such as heavy rain or snow
- Outside temperatures being too high or too low
- Traveling on uneven surfaces
- Limited visibility from the windshield being fogged, scratched, damaged, cracked, or otherwise affected
- Strong light (such as direct sunlight) is shining onto the front of the vehicle
- Traveling on sharp curves or hilly roads

Lane Keeping Assist

Lane Keeping Assist (LKA) momentarily steers the vehicle toward the center of the lane if the vehicle drifts too close or crosses lane markers without a turn signal on.

WARNING

Lane Keeping Assist is designed to support the driver and does not replace the driver's attention, judgment, and need to control the vehicle. Drivers are required to keep their hands on the steering wheel at all times. Visually check that no vehicles are present in the blind spots before changing lanes.

Operating Conditions

Feature	Condition
Lane Keeping Assist	Lane Departure Warning is turned on. Vehicle is within the activation speed range: • Minimum activation speed is 40 mph (64 km/h) • Maximum activation speed is 70 mph (113 km/h)

Driving Conditions

In certain conditions, the performance of Lane Keeping Assist may be limited. Limitations include not providing warnings or providing false warnings. Some conditions that can limit performance include:

- Mud, dirt, snow, ice, or slush blocking the sensors
- Inclement weather such as heavy rain or snow
- Outside temperatures being too high or too low
- Traveling on uneven surfaces
- Limited visibility from the windshield being fogged, scratched, damaged, cracked, or otherwise affected
- Strong light (such as direct sunlight) is shining onto the front of the vehicle
- Traveling on sharp curves or hilly roads

Blind Spot Warning

Blind Spot Warning (BSW) uses the corner radars to detect vehicles in the blind spot zone, and provides a warning when the vehicle is approaching or overtaking moving vehicles in either the left or right lane. The warning appears on the driver display and side view mirrors. If the turn indicator is on, the warning graphic on the driver display changes color and plays an audible alert.

If Blind Spot Warning isn't working properly, the Blind Spot Warning status indicator appears on the driver display.



Blind Spot Warning automatically turns off the warnings when vehicles are no longer detected in the blind spot zone.

WARNING

Blind Spot Warning is designed to support the driver and does not replace the driver's attention, judgment, and need to control the vehicle. Visually check that no vehicles are present in the blind spots before safely changing lanes.

Operating Conditions

Feature	Condition
Blind Spot Warning	Another vehicle is detected within the blind spot zone on either side of the vehicle. Vehicle is within the activation speed range: • Minimum activation speed is 18 mph (29 km/h) • Maximum activation speed is 70 mph (113 km/h) • The relative speed (the difference between your vehicle and a passing or approaching vehicle) is less than 12 mph (20 km/h)

Driving Conditions

In certain conditions, the performance of Blind Spot Warning may be limited. Limitations include not providing warnings or providing false warnings. Some conditions that can limit performance include:

- Mud, dirt, snow, ice, or slush blocking the sensors
- Severe weather such as heavy rain or snow
- Being passed by a fast-approaching vehicle
- Changing lanes
- Passing guard rails, tunnels, trees, or parked cars while on a narrow road
- Outside temperatures being too high or too low
- Having motorcycles, shopping carts, or small cars in the blind spot zone
- Traveling on uneven roads, high-grade or bank roads, or roads with different lane heights



WARNING

- Keep the sensors clean of mud, dirt, snow, ice, and slush to prevent degradation.
- In freezing temperatures, clean the sensors after washing the vehicle.
- Keep the sensors clean to avoid the system not detecting objects or unnecessarily warning the driver.
- Do not cover the sensors with any items, including stickers, magnets, protective films, or fabrics.

Collision Mitigation

Forward Collision Warning

Forward Collision Warning (FCW) detects a potential frontal collision with other vehicles or pedestrians on the road. It provides you with audio and visual warnings in addition to a steering wheel vibration to help the driver take immediate corrective action.

NOTE

The system automatically turns off the warnings when it no longer detects a potential collision. Make sure that the windshield and front of the vehicle are free of any blockage or debris to avoid issues.

WARNING

- Forward Collision Warning is designed to support the driver and doesn't replace the driver's attention, judgment, and need to control the vehicle.
- Forward Collision Warning may provide alerts or actively brake as a response to certain traffic conditions such as road debris, traffic signs, overpasses, guard rails, bridges, tunnels, metal plates on the road, and other non-moving objects.

WARNING

Forward Collision Warning may not work or function as expected in certain environments and driving situations that include, but are not limited to, the following:

- Being cut off by another vehicle
- Following another vehicle too closely
- When vehicles in front turn
- When detecting narrow vehicles such as motorcycles or bicycles, or other objects such as lampposts or trees
- Low visibility conditions such as nighttime, heavy fog, snow, or rain
- Unpaved roads, high curvature roads, and off-road terrain
- Steep grades and rapid grade changes

Operating Conditions

Feature	Condition
Forward Collision Warning	The vehicle is within the activation speed range: • Minimum activation speed is 5 mph (8 km/h) • Maximum activation speed is 70 mph (113 km/h)

Driving Conditions

Forward Collision Warning may be limited and exhibit degraded performance in certain situations. This may prevent the feature from providing warnings, or cause Forward Collision Warning to provide false warnings. This could also result in braking or not braking at inappropriate times. Some conditions that can limit performance are as follows:

- External elements such as mud, dirt, snow, ice, and slush block the sensors
- Bad weather conditions, such as heavy rain or snow, create slippery road conditions
- The outside temperature is too high or low
- The vehicle is being driven on an uneven surface
- The windshield has become fogged, scratched, snow damaged, cracked, or covered with dirt, frost, snow, or dust
- Strong light (such as sunlight) shines onto the front of the vehicle
- An object suddenly appears in the direct path of the vehicle
- The vehicle is being driven on a road that has sharp curves or is hilly

Automatic Emergency Braking

Automatic Emergency Braking (AEB), when enabled, automatically applies the brakes to help mitigate or prevent a collision if the driver doesn't react in time to a warning.

If Automatic Emergency Braking isn't working properly or turned off, the Automatic Emergency Braking status indicator appears on the driver display.



Automatic Emergency Braking does not engage in the following conditions:

- Under hard acceleration
- The driver turns the vehicle sharply
- The vehicle is not within operating speeds for Automatic Emergency Braking
- The vehicle determines that there is no potential for a frontal collision

When Automatic Emergency Braking is engaged and actively braking, the following conditions will disengage it:

- The driver pushes the accelerator hard to override the Automatic Emergency Braking
- The driver turns the vehicle sharply
- The driver pushes the brake pedal down hard and then releases it
- The vehicle determines that there is no a potential frontal collision

NOTE

The system automatically turns off the warnings when it no longer detects a potential collision. Make sure that the windshield and front of the vehicle are free of any blockage or debris to avoid issues.



WARNING

- Automatic Emergency Braking is designed to support the driver and doesn't replace the driver's attention, judgment, and need to control the vehicle.
- Automatic Emergency Braking gives priority to the driver's braking if they decelerate faster than the Automatic Emergency Braking deceleration.
- The brake pedal moves downward when Automatic Emergency Braking engages. Ensure that the brake pedal isn't obstructed in any way for Automatic Emergency Braking to function.
- Automatic Emergency Braking may provide alerts or actively brake as a response to certain traffic conditions such as road debris, traffic signs, overpasses, guard rails, bridges, tunnels, metal plates on the road, and other non-moving objects. In these situations, if it is safe to do so, the driver can override Automatic Emergency Braking by pressing the accelerator pedal firmly.
- Keep the windshield, headlights, front camera, and front radar sensors in good condition and clean from obstructions such as dirt, debris, stickers, metal plates, etc. Automatic Emergency Braking may not detect people or cars ahead if the front camera or front radar sensors are blocked or malfunctioning.

Operating Conditions

Feature	Condition
Automatic Emergency Braking	Forward Collision Warning is turned on. The vehicle is within the activation speed range (same as Forward Collision Warning).

Driving Conditions

Automatic Emergency Braking may be limited and exhibit degraded performance in certain situations. This may prevent the feature from providing warnings, or cause Automatic Emergency Braking to provide false warnings. This could also result in braking or not braking at inappropriate times. Some conditions that can limit performance are as follows:

- External elements such as mud, dirt, snow, ice, and slush block the sensors
- Bad weather conditions, such as heavy rain or snow, create slippery road conditions
- The outside temperature is too high or low
- The vehicle is being driven on an uneven surface
- The windshield has become fogged, scratched, snow damaged, cracked, or covered with dirt, frost, snow, or dust
- Strong light (such as sunlight) shines onto the front of the vehicle
- An object suddenly appears in the direct path of the vehicle
- The vehicle is being driven on a road that has sharp curves or is hilly



WARNING

Automatic Emergency Braking may not work or function as expected in certain environments and driving situations that include, but are not limited to, the following:

- Being cut off by another vehicle
- Following another vehicle too closely
- When vehicles in front turn
- When detecting narrow vehicles such as motorcycles or bicycles, or other objects such as lampposts or trees
- Low visibility conditions such as nighttime, heavy fog, snow, or rain
- Unpaved roads, high curvature roads, and off-road terrain
- Steep grades and rapid grade changes

Dynamic Brake Support

Dynamic Brake Support (DBS) provides additional braking when the driver doesn't press the brake pedal hard enough to prevent an imminent collision.

WARNING

Dynamic Brake Support is designed to support the driver and doesn't replace the driver's attention, judgment, and need to control the vehicle.

Operating Conditions

Feature	Condition
Dynamic Brake Support	The vehicle is traveling above the minimum activation speed of 6 mph (9 km/h)

NOTES

- Dynamic Brake Support is only available if Automatic Emergency Braking is enabled.
- The driver can deactivate Dynamic Brake Support by releasing the brake pedal while Dynamic Brake Support is active.

Driving Conditions

Dynamic Brake Support may be limited and exhibit degraded performance in certain situations. This may prevent the feature from providing warnings, or cause Dynamic Brake Support to provide false warnings. This could also result in braking or not braking at inappropriate times. Some conditions that can limit performance are as follows:

- External elements such as mud, dirt, snow, ice, and slush block the sensors
- Bad weather conditions, such as heavy rain or snow, create slippery road conditions
- The outside temperature is too high or low
- The vehicle is being driven on an uneven surface
- The windshield has become fogged, scratched, snow damaged, cracked, or covered with dirt, frost, snow, or dust
- Strong light (such as sunlight) shines onto the front of the vehicle
- An object suddenly appears in the direct path of the vehicle
- The vehicle is being driven on a road that has sharp curves or is hilly

Rear Automatic Emergency Braking

Rear Automatic Emergency Braking (R-AEB) is a low-speed feature that detects a potential collision with objects behind the vehicle while it is backing up. The feature provides audible and visual warnings along with steering wheel vibrations. Rear Automatic Emergency Braking automatically applies the brakes to mitigate or prevent a collision if the driver doesn't react in time to warnings.

If the feature isn't working properly, the Rear Automatic Emergency Braking indicator appears on the driver display.



WARNING

- Rear Automatic Emergency Braking is designed to support the driver and does not replace driver attention, judgment, and the need to control the vehicle.
- Rear Automatic Emergency Braking gives priority to the driver's braking if they decelerate faster than the Automatic Emergency Braking deceleration.
- The brake pedal moves downward when Rear Automatic Emergency Braking engages. Ensure that the brake pedal is not obstructed in any way for Automatic Emergency Braking to function.
- Keep the rear bumper and the sensors in a good condition and clear from obstructions such as dirt, debris, and stickers. Rear Automatic Emergency Braking may not detect objects if the sensors are blocked or malfunctioning.

Operating Conditions

The feature activates when:

- The vehicle speed is less than 5 mph (8 km/h)
- The vehicle is in **R** (Reverse) or rolling backward in **N** (Neutral)

When Rear Automatic Emergency Braking is active, it deactivates when either of the following conditions are met:

- The vehicle speed is more than 6 mph (10 km/h)
- The vehicle is in **P** (Park) or in **D** (Drive)

NOTE

Rear Automatic Emergency Braking is unavailable for 10 seconds after a warning or brake intervention, during which a notification and an indicator on the driver display appears.



Rear Automatic Emergency Braking does not engage in the following conditions:

- The driver presses the accelerator pedal hard
- The vehicle is not in **R** (Reverse) or in **N** (Neutral)
- The vehicle is not within the operating speeds of the feature
- The vehicle determines that there is no risk of rear collision
- Rear Automatic Emergency Braking applied brakes or provided warnings within the last 10 seconds

When Rear Automatic Emergency Braking is actively braking and providing warnings, the following conditions cause it to disengage:

- The driver presses the accelerator pedal hard
- The driver presses the brake pedal hard and releases it
- The vehicle is not in **R** (Reverse) or in **N** (Neutral)
- The vehicle is not within the operating speeds of the feature
- The vehicle determines that there is no risk of rear collision

Driving Conditions

Rear Automatic Emergency Braking may not work as expected in certain situations that include, but are not limited to, the following:

- There is a fast-moving object in the rear
- An object in the rear is too thin
- While backing onto ramps or steep grades
- While backing towards curbs
- When backing on an unpaved road with gravels
- When there is rain or snowfall
- Mud, dirt, snow, ice, or slush blocks the sensors
- Excessive noise or vibration such as from a nearby jackhammer

Parking Safety

Park Assist

Park Assist provides alerts if there are objects near the rear of the vehicle while it's backing up at a low speed. Park Assist uses six sensors on the rear of the vehicle. There are sensors on each corner of the rear bumper and four on the rear step. As the vehicle moves closer to an object, visual warnings on the center display turn from yellow to red, while the audible warnings change from a slow pulse to a more-urgent continuous tone.

If visual or audible warnings activate, visually assess the environment and objects around the vehicle before proceeding.

The driver display shows three zones for the front and rear of the vehicle as it moves forward and backward. Note the following:

Color	Beeping Sound	Location
Yellow	Single short beep	Farthest from vehicle
Orange	Series of beeps	Nearer to vehicle
Red	Continuous beep	Right next to vehicle

WARNING

- Park Assist is not a substitute for using the mirrors or for careful driving.
- Do not depend on Park Assist alone to ensure that the area the vehicle approaches is free of objects or people.
- Always visually inspect the area.
- Depending on Park Assist alone to determine if the vehicle is approaching an obstruction can result in damage to the vehicle, objects, and pedestrians, and can potentially cause serious injury.
- Park Assist may not detect children, pedestrians, bicyclists, animals, or objects located below the bumper. It may not detect objects that are too close or too far from the vehicle.

NOTES

- When the driver doors are open, the visual and audible warnings for the driver side are disabled.
- When the rear rollup door is open, drivers will not receive visual and audible warnings.

Driving Conditions

In certain conditions, the performance of Park Assist may be limited. Limitations include not providing warnings or providing false warnings. Some conditions that can limit performance include:

- Mud, dirt, snow, ice, or slush that blocks the sensors
- Inclement weather such as heavy rain or snow
- When another fast-approaching vehicle passes
- Outside temperatures being too high or too low
- Excessive noise or vibration such as from a nearby jackhammer

WARNING

- Keep the sensors clear of mud, dirt, snow, ice, and slush. This can prevent the system from providing unnecessary or false warnings.
- In freezing temperatures, clean the sensors after washing the vehicle.
- Do not cover the sensors with any items, including stickers, magnets, protective films, or fabrics.

A blockage or malfunction detected by Park Assist appears as a notification on the left side of the driver display.

Rear Cross-Traffic Warning

Rear Cross-Traffic Warning (RCTW) warns the driver that vehicles are crossing their path while backing out of perpendicular and/or angled parking spaces. The system uses radar sensors on the sides of the car at the rear to detect vehicles approaching from either direction. Rear Cross-Traffic Warning provides visual warnings on both the driver and center displays, as well as audible warnings when the vehicle is in **R** (Reverse) or rolling backward in **N** (Neutral). It also senses vehicles that are approaching the vehicle from behind and on either side.

WARNING

Rear Cross-Traffic Warning only provides support to the driver and does not replace the driver's attention and judgment.

Operating Conditions

The system operates:

- When an approaching vehicle is within approximately 82 ft (25 m) from the left or right side of the vehicle
- If the vehicle speed is 0 - 6 mph (0 - 10 km/h)
- If the relative speed (the difference between the vehicle's speed and that of an approaching vehicle) is in a range of 2 - 18 mph (4 - 30 km/h)

NOTES

- Depending on the approaching vehicle's speed, the detection range may vary.
- The alert warning turns off automatically when the vehicle is no longer present or detected in the zone.

Driving Conditions

Under certain conditions, Rear Cross-Traffic Warning may fail to provide a warning or provide a false warning, due to the following:

- Mud, dirt, snow, ice, or slush blocks the sensors
- Heavy rain or snow is falling
- A fast-approaching vehicle
- Guard rails, trees, or parked cars along the road
- Slow-moving objects, such as pedestrians, pets, or shopping carts
- An uneven road surface
- Objects or vehicles parked close to the vehicle

If Rear Cross-Traffic Warning is not working, the following message appears on the rear view camera on the center display:

"Rear cross-traffic warning unavailable"

Light Safety

Auto High Beams

When active, Auto High Beams switches between high and low beams based on the vehicle traffic, ambient light, and road conditions detected by the front camera. Auto High Beams activates in low-light road conditions when the vehicle doesn't detect light from the headlights or taillights of other vehicles, or from road or street lighting. This reduces glare for drivers of oncoming or preceding vehicles.

Settings and Safety Information

Go to **Vehicle** > **Safety** on the center display to turn **Auto High Beams** on or off.

NOTES

- Ensure the windshield is clean and clear of any obstructions.
- Auto High Beams don't turn on when the vehicle travels less than 18 mph (29 km/h).
- Auto High Beams may not turn on high beams, or it may not turn on high beams immediately, if the vehicle detects pedestrians or bicyclists.

Operating Conditions

- Auto High Beams is enabled on the Vehicle > Safety screen.
- Activation speed is 25 mph (40 km/h).
- Deactivation speed is 18 mph (29 km/h).

Driving Conditions

IMPORTANT

Auto High Beams may not work as expected in certain environments and driving situations. The feature may either turn on high beams in error or not turn on high beams as expected under such conditions that include, but are not limited to, the following:

- Environmental conditions, such as mud, dirt, snow, ice, or slush, block the front camera.
- Weather conditions, such as heavy rain or snow, lower visibility.
- Extreme temperatures affect the vehicle.
- Fog as well as scratches, cracks, and damage to the windshield reduce visibility.
- Oncoming or preceding vehicles have damaged or broken headlights or taillights.
- Roads have sharp curves or steep grades.
- Roads have reflective road or street signs.

Charging and Range

Charging

Charging Equipment

Public Chargers

IMPORTANT
Fleet vehicle drivers are responsible for contacting their managers before charging a vehicle at any off-site charger.

Use a J1772 or CCS plug to charge the vehicle at any public charger.

Public charging stations may require third-party payment or have use restrictions. Fleet vehicle drivers are responsible for following instructions from their managers and employer in addition to following the instructions at the public charging stations.

Fleet Chargers

Fleet managers can compensate for a limited power supply by:

- Charging a subset of vehicles at one time, when charging is complete, rotate to the next subset
- Lowering the charging throughput of all vehicles at once

Consult documentation about your chargers for more information.

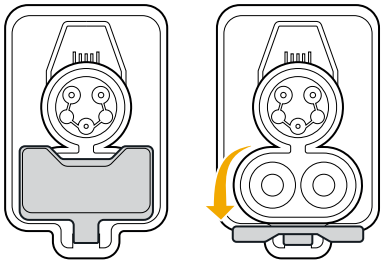
Start a Charge Session

DANGER

Ensure that the charge port and the charge plugs don't contain any foreign debris before you start a charge session. Failure to do so can result in property damage, serious injury, or death. Foreign debris may cause a charging error or overheating. In rare circumstances, extreme overheating can cause a fire. If you find foreign debris, contact Service.

To start a charge session:

1. Park at the charger and shift the vehicle to **P** (Park).
2. On the vehicle exterior, push on the charge port door to open it.
3. If you're using a DC fast charger, lower the cover on the charge port.



NOTE

Ensure that the charging cable is slack to prevent damage to the charge port or the charge plug. Avoid sharp bends in the charging cable, and don't try to stretch the cable to reach your vehicle.

4. Plug the charging cable into the vehicle charge port.
5. Check the charge port button. The light should start pulsing white when you plug in fully. It will change to pulsing green when the vehicle is charging. See Check Charge Status.

NOTE

Charging may not start immediately if the charger is on a timed schedule.

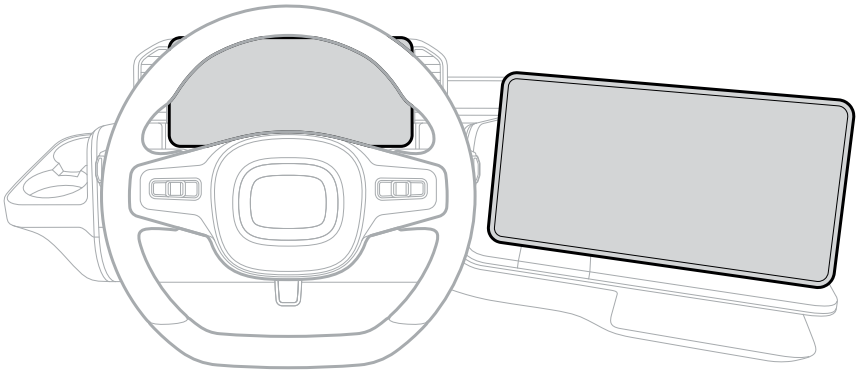
IMPORTANT

- The charging cable locks into the charge port while the vehicle is charging.
- If the plug lock doesn't engage, remove the charging cable from the charge port and repeat the steps above.
- If the vehicle can't engage the plug lock, please contact Service.

Check Charging Status

View charging status on the driver and center displays when the vehicle is charging.

- Current range in miles or kilometers
- Charging status
- Percentage charged (%)
- Rate of charge in kW (how fast the battery is charging)



The button at the charge port also indicates the charging status:

Button Color	Status
White (solid)	Ready
White (pulsing)	Starting to charge
Green (pulsing)	Charging
Green (solid)	Charge complete
Red (solid)	Not working

NOTE
When the vehicle is fully charged, it enters sleep mode and the solid green light turns off.

IMPORTANT
If the light is red, unplug the charger and plug it in again. If it still doesn't work, contact Rivian Service.

Check Time to Charge

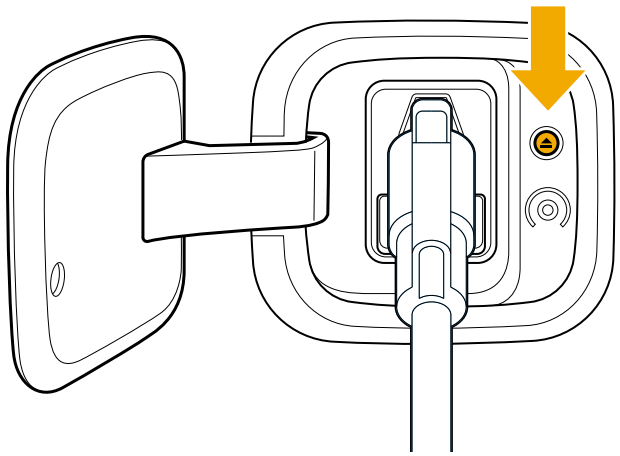
The time the vehicle needs to charge varies depending on these factors:

- Power voltage
- Current
- Air temperature outside the vehicle
- Battery temperature

Stop a Charge Session

To stop a charge session:

1. Unlock the vehicle.
2. Choose **Stop Charging** from the center display or press the stop charge button at the charge port to stop charging.



3. Unplug the charging cable.

> **NOTE**
> If you're using a DC fast charger, lift the flap to cover the charge port before you close the charge port door.

4. Close the charge port door.

Range

Range Estimates

Range is an estimated value measured in either the distance the vehicle can travel before it needs to charge or the percentage of battery charge remaining.

Set the units to show range in the driver display as distance, percentage or both:

1. Go to **Vehicle** on the center display, then select **System**.
2. Under **Range in Driver Display**, choose **mi**, **%**, or **Both**.

Effects on Range

To extend range, do the following:

- Inflate tires to the recommended tire pressure.
- Use regenerative braking instead of the brake pedal to slow the vehicle.
- Keep the windows and doors closed.
- Drive conservatively.
- Stay on well-paved routes and avoid driving steep uphill roads.

Be aware of the following factors that may reduce range:

- Excessive speed
- Aggressive acceleration
- Extreme cold
- Extreme heat
- Steep hill climbs
- High-wind conditions
- Cargo load
- Uneven surfaces
- Using the heating and cooling
- Charging devices, such as phones, tablets, or laptops
- Driving with the windows or doors open

Low Battery

When the vehicle battery is low, charge as soon as you can. The vehicle gradually reduces its power consumption when the vehicle battery is very low.

Battery Status	Recommendation	Effect on Vehicle
Battery low	Find a charger.	Battery icon turns yellow.
Battery very low	Find a charger.	Battery icon turns red. Vehicle performance decreases.
Battery almost empty	Charge the vehicle.	Vehicle performance decreases.
Battery empty	Bring the vehicle to a safe stop if a charger is not in range. Then, contact a manager for assistance.	Accessory power (such as climate control and phone charging) are only available for a short time before the vehicle shuts down completely.



CAUTION

- If your battery is almost empty, charge the vehicle immediately.
- If you leave the vehicle unplugged for an extended time, it may require a jump start or replacement of the 12 V battery.
- If you leave the vehicle unplugged for an extended time, it may damage the vehicle battery permanently.
- If you can't charge the vehicle, contact Rivian.



DANGER

Never attempt to open or tamper with the vehicle battery. Contact Rivian for battery service.

Battery Life

To maximize battery life beyond the warranty:

- Avoid draining the battery completely.
- If the vehicle will not be driven for an extended period of time, leave it plugged in. When parked, the vehicle uses some power to maintain battery health.
- Accelerate moderately. Drive at a steady speed.
- For additional information, see Effects on Range.

The vehicle battery may lose some capacity over its lifetime. See the vehicle Warranty for details.

Safety and Security

Seat Belts

Important Safety Information



DANGER

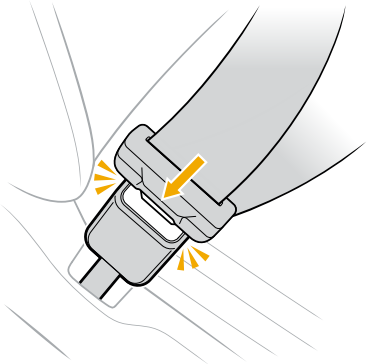
Adjust the seat to the proper position before operating the vehicle. Make sure the shoulder belt sits firmly across your chest and shoulder. Don't operate the vehicle if there is a gap between the seat belt and your chest.

To avoid risk of injury or death from sudden stops, collisions, or improper use, do the following:

- Use one seat belt per person.
- Fasten seat belts before the vehicle starts to move to avoid risk of injury from sudden stops or collisions.
- Ensure that all seat belts are fastened securely.
- Ensure that the seat belt isn't worn twisted or reversed.
- Wear the seat belt so that it rests over the shoulder without touching the neck. Don't route the belt behind your back.
- Wear the lap belt as low as possible on your hips.
- Sit well back in the seat and in an upright position.
- Don't tamper with or make modifications to the seat belt that will prevent it from taking up slack, such as using "comfort clips." A slack seat belt could significantly reduce the effectiveness of the shoulder belt in an accident.
- Take care handling the metal portion of the seat belt as it can become very hot in sunny weather.
- Have a service professional routinely inspect all seat belt parts. In case of an accident, we recommend taking the vehicle to a Rivian certified collision center for a safety inspection. In some cases, seat belt parts in use during an accident may need to be replaced, even if there isn't any visible damage.

Fasten Seat Belts

1. Adjust the seat to an upright position.
2. Sit with your back and hips against the back of the seat.
3. Hold the tongue plate and pull the belt toward the buckle.



> **NOTE**
> Avoid twisting the seat belt, and avoid quick or jerky movements to prevent the belt from locking.

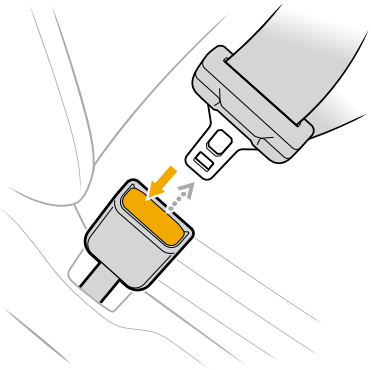
4. Insert the tongue plate into the buckle until you hear a click.
5. Adjust the lap belt to be as low as possible on the hips.



> **WARNING**
> The shoulder belt should pass over the middle of the shoulder and across the chest without touching the neck. The seat belts aren't meant to be used with any tension-relieving devices, such as comfort clips. Wearing the belt in an improper position or introducing slack to the belt could significantly reduce its effectiveness in an accident.

Unfasten Seat Belts

1. Press the release button on the buckle.
2. Allow the seat belt to retract slowly to avoid any twists.
3. Ensure that the belt has fully retracted back to its original position to avoid closing the door on the belt or tongue plate.



Pregnant Occupants

Wear the lap belt securely and as low as possible over the hips, not over the waist. Wear the shoulder belt between the breasts and to the side of the abdomen.



Seat Belt Reminder

- Fasten the seat belts properly when operating the vehicle.
- If the driver seat belt is unbuckled, the Seat Belt Reminder indicator lights up on the driver display. Under certain conditions, you'll hear an audible warning.
- A heavy object placed on a seat could cause the Seat Belt Reminder indicator light to remain on even when the seat is unoccupied.

Seat Belt Pretensioners

The seat belts are equipped with a pretensioner that activates along with the airbags during accidents that involve force to the front and sides of the vehicle, including rollover accidents. In these instances, the seat belt pretensioner removes slack in the seat belt to help restrain the occupant. The seat belt pretensioners aren't designed to activate in minor impacts.

If the seat belt pretensioners have been activated or are malfunctioning so that the seat belt can't retract or pull out, the airbag malfunction indicator appears on the driver display. For assistance, contact Rivian Service.

Seat Belt Maintenance

Use mild soap with water and a soft cloth to clean surface stains on the seat belt. Inspect the seat belts periodically for signs of damage, including wear and tear. If there are signs of damage or wear and tear, contact Rivian Service.

Don't use bleach or other harsh substances to clean the belts because this can affect their strength and performance. Don't make modifications to the seat belts that would prevent them from properly operating. Installations and modifications to seat belts must be conducted only by Rivian.

Airbags

About Airbags

This vehicle is equipped with supplemental restraint system airbags, designed to help protect the driver from injuries. The airbags supplement the crash protection provided by a correctly fastened seat belt. The vehicle is equipped with airbags for the driver and shoulder and lap seat belts for the driver and passenger.

The airbags are not a substitute for wearing a seat belt. All occupants, including the driver, should wear their seat belts. Failure to use seat belts increases the risk of severe injury or death in the event of a crash.

The airbags don't require routine maintenance. If it is necessary to modify the airbag system for a person with disabilities, contact Rivian Service. The modification may affect the function of the advanced airbag system.

WARNING

- Properly wear seat belts for protection in addition to the supplemental restraint system. Failure to do so, can increase the risk of injury and/or death.
- Do not place your hands or arms on the airbag cover.

Airbag Status

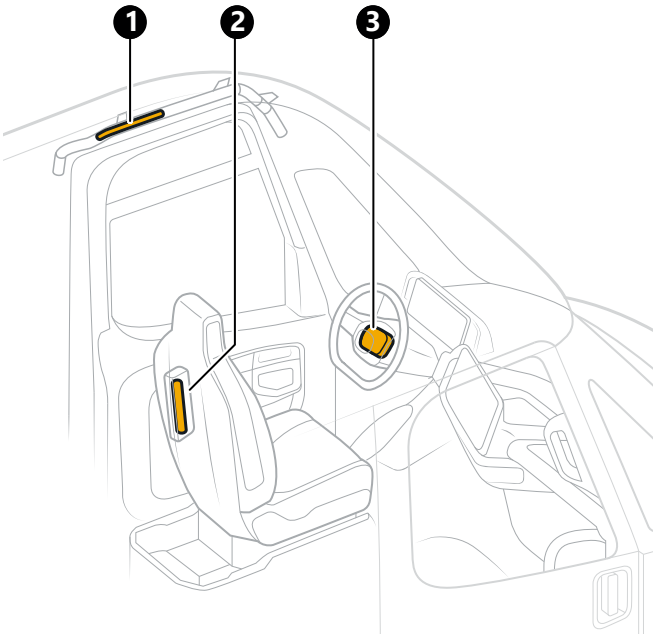
As you prepare to drive the vehicle, the Airbag Status indicator appears in the driver display for a few seconds during the initial function check when you start the vehicle. After the function check, the Airbag Status indicator turns off. The components in the safety system monitored by the indicator are as follows:

- Driver front airbag, designed to work with a seat belt
- Driver and passenger seat belt with pretensioner and seat belt usage sensors
- Driver seat position sensor
- Driver side airbag
- Driver roof rail airbag
- Front crash sensors
- Side and rollover crash sensors
- Restraints control module
- Restraints warning lamp and tone
- High-voltage disconnect
- Electrical wiring that interfaces with the airbag sensor, seat belts, pretensioners, and high-voltage system
- Chassis stability control sensors

If the airbag system has a fault, the Airbag Status indicator remains on. Contact Rivian Service for repair.

Airbag Locations

Airbag inflators are positioned around the driver's seat in the cabin.



Item	Description
1	Driver roof rail airbag
2	Driver side airbag
3	Driver front airbag

How Airbags Work

The airbag system sensors predict the severity of a crash when the crash conditions reach a certain threshold. When the threshold is reached, the specific restraints will deploy. If there is significant collision, the airbags deploy quickly with force and a loud sound. Not all collisions deploy the airbags. For example, certain low severity collisions and rear collisions don't deploy the airbags.

Airbag Functions

The airbags perform the following functions:

Location	Function
Driver roof rail airbag	The driver roof rail airbag inflates along the side windows to help protect the driver from a significant side impact, rollover, or near rollover.
Driver side airbag	The driver side airbag inflates from the side of the driver seat and deploys in significant side crashes. This airbag may help prevent injury from side impact and some frontal impacts.
Driver front airbag	In frontal crashes and crashes with frontal deceleration, the driver front airbag helps protect the driver from frontal impact.

Warnings

Maintain Distance from Side and Roof Rail Airbags



DANGER

The roof rail and side airbags need room to inflate and could cause severe injury or death if passengers are too close to the airbags. Always wear seat belts, even though you have roof rail and side airbags.

Maintain Proper Positioning



DANGER

Maintain a distance of at least 10 in (25 cm) between the driver's chest and the driver's airbag, as recommended by the National Highway Traffic Safety Administration (NHTSA).

Objects Can Interfere with Airbags



DANGER

- Don't place objects on or near the airbags. Objects in front of the airbags can cause serious injury if the airbags deploy in a severe collision.
- Don't mount equipment or place objects along the interior headliner or on the vertical pillars near the seat belts. Such objects may prevent the side or roof rail airbags from deploying in a severe collision.
- Don't install seat covers. Seat covers could prevent the side airbags from inflating.

Airbag Components May Be Hot After Deployment



WARNING

Some airbag system components, such as inflators, may be hot after airbags are deployed. To reduced the risk of injury, don't touch the airbag system components after inflation.

Deployed Airbags

You won't be able to drive the vehicle after airbags are deployed or if the vehicle has been in a severe rear crash. An internal safety device automatically shuts off the high-voltage system when the airbags deploy. The vehicle will need to be towed to a repair shop and then repaired to drivable condition.

NOTE

The vehicle is equipped with a roof rail airbag. In the event of a rollover (or near rollover) accident in which a front or roof rail airbag deploys, the Airbag Malfunction indicator lights up in the driver display. Contact Rivian Service to have the vehicle serviced.

Mirrors and Camera Views

About Mirrors and Camera Views

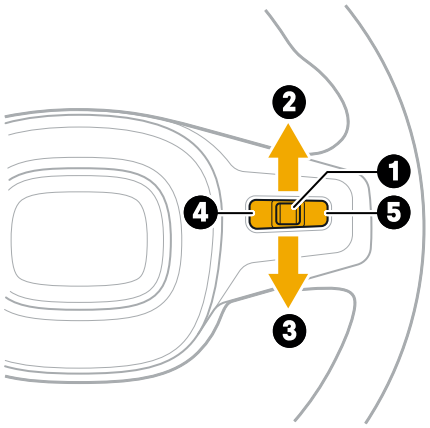
For improved visibility and safety, the vehicle offers four side mirrors and a backup camera. There is also a bird's-eye surround view that is synthesized from the front, rear, and side cameras.

Adjust the Side Mirrors

The driver side has two adjustable mirrors and the passenger side also has two adjustable mirrors.

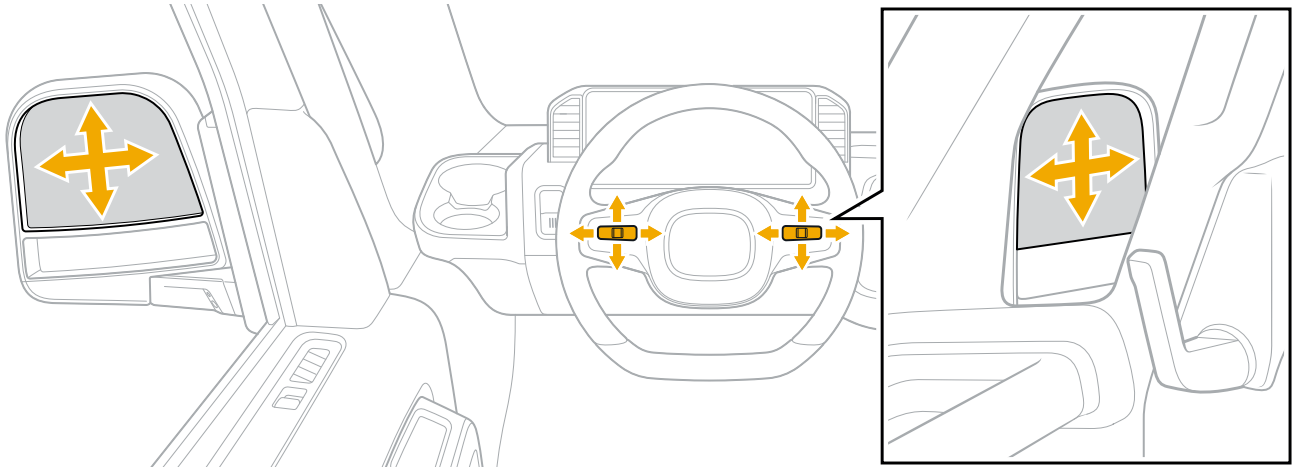
1. Go to the Vehicle app on the center display and choose **Adjust Mirrors**.
2. Use the thumb control and thumb control buttons on the steering wheel to tilt the mirrors up, down, left, or right.

> **NOTE**
> Choose the **Restore** button on the center display to return the side mirrors back to their previous positions.



Item	Control	Function
1	Thumb control	Tilt mirror up or down
2	Thumb control up	Tilt mirror up
3	Thumb control down	Tilt mirror down
4	Left thumb control button	Move mirror left
5	Right thumb control button	Move mirror right

Use the left hand controls to adjust the left mirror and the right hand controls to adjust the right mirror.



Always-On Rear View

The center display shows a scaled-down live feed of the rear camera on the Navigation app.

The rear camera displays a near view when traveling at less than 10 mph (16 km/h) and a far view when traveling over 10 mph (16 km/h). Tap the rear camera window on the center display to maximize or minimize the view.

Backup and Surround View

The vehicle doesn't have a central rearview mirror. To activate the full-screen backup and surround view, do the following:

- Shift the vehicle into **R** (Reverse).
- Roll backward while in **N** (Neutral).
- Tap the small rear camera live feed window.

This allows a view of the live feed from the rear camera, as well as a surround view on the center display when backing up the vehicle.

The backup view is overlaid with steering angle trajectory, as well as indications for Rear Cross-Traffic Warning (RCTW) to assist with reverse maneuvering.

In the full-screen view, you can do the following:

- Choose **Rear Camera View** to expand the live feed of the rear camera side-by-side with a surround view.
- Choose **Rear Cross-Traffic View** to add additional panels on the left and right of the backup camera view. These show traffic and pedestrians approaching the vehicle from either directions.

Surround view uses four cameras to display what's around the vehicle at slow forward and reverse speeds. It shows the area in front of, in back of, and on the sides of the vehicle. Surround view appears on the center display next to the backup camera view. Surround view adds a bird's-eye view of all areas within about 6 ft (1.8 m) around the vehicle.

The backup and surround views remain on the center display for 10 seconds after the vehicle is shifted into **D** (Drive), or until the vehicle reaches 9 mph (14 km/h).

NOTES

- You can't override the rear camera view while the vehicle is moving in **R** (Reverse) or rolling backward in **N** (Neutral).
- If the rear-view feed is selected for the display when the vehicle is moving faster than 10 mph (16 km/h), the display adds a forward view below the reverse view and surround view.

Security System

Use the Alarm



CAUTION

Do not modify the vehicle anti-theft system (immobilizer) or install any add-on equipment. Any modifications or additions can damage the system, causing it to not work properly.

The alarm remains enabled by default. To disable the alarm, choose **Safety** from the menu on the center display.

Arm or Disarm the Alarm

The alarm will automatically arm itself under these conditions:

- The driver has enabled the alarm.
- All of the doors are closed and locked.
- The vehicle can't detect anyone inside the cabin.

Alarm Triggers

After it's armed, the alarm can be triggered by the following:

- The vehicle detects motion inside the locked cabin.
- The vehicle detects that a door is opened.
- The vehicle detects that it's tilted, for example, if being towed away.
- Someone activates the panic mode by pressing the **Lock** button on the key fob for two seconds.

After the alarm is triggered, the vehicle can't be driven, the alarm sounds, and the lights flash.

Stop the Alarm

To quiet the alarm, do one of the following:

- Unlock the vehicle with a key to disarm the alarm.
- Lock the vehicle with a key. The alarm remains armed.
- Allow the alarm to time out after 30 seconds. The alarm remains armed.

If the alarm is triggered 10 times by either the motion or tilt sensors, then the respective sensor becomes disabled. The alarm remains armed.

If the alarm sounds for 5 consecutive minutes due to a door remaining opened, the alarm becomes disabled.

Pedestrian Audio Alert

Pedestrian Audio Alert Functionality

The vehicle emits the pedestrian audio alert sound when traveling below 20 mph (32 km/h) or while driving in **R** (Reverse). This sound helps to alert pedestrians that the vehicle is either in motion or immediately capable of motion. The audio alert activates when the vehicle is shifted out of **P** (Park). The sound gets higher in pitch and louder in volume as the vehicle's speed increases.

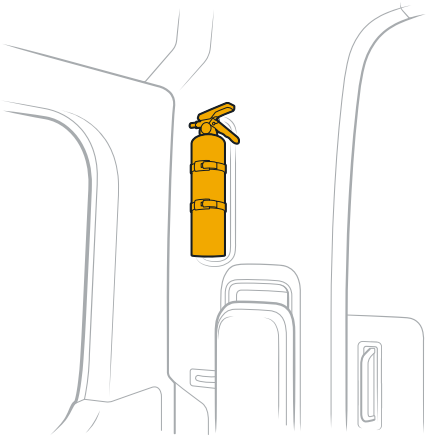
> **NOTE**
> The sounds of the forward and reverse alerts are different.

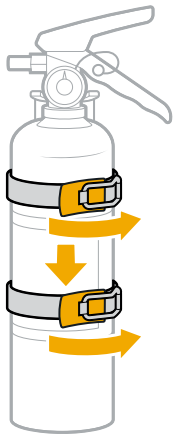
Emergency and Roadside

Emergency Info

Fire Extinguisher

Locate the fire extinguisher in the cabin on the bulkhead above the folding jump seat. Follow the manufacturer's instructions on the extinguisher for use, inspection, and maintenance.



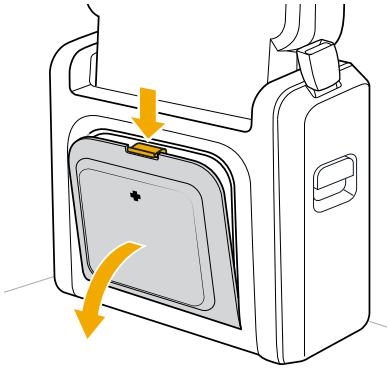


To remove the fire extinguisher from the bulkhead, pull on the metal tab. The tab rotates out and releases the extinguisher from the bracket.

First Aid Kit and Tow Hook

Locate the optional first aid kit in the compartment beneath the folding jump seat. Push down on the latch and fold down the door to access the first aid kit.

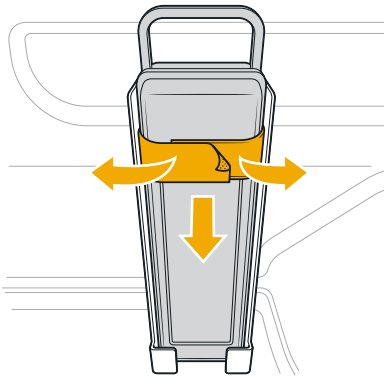
Locate the tow hook inside the compartment that houses the first aid kit. The tow hook screws into the front bumper.



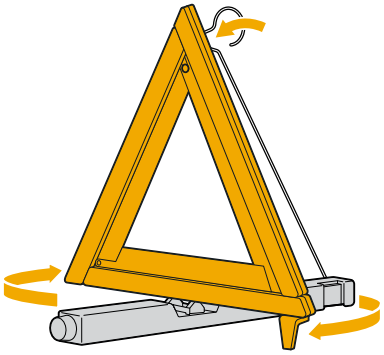
Warning Triangles

Here is how to assemble and set out the optional warning triangles.

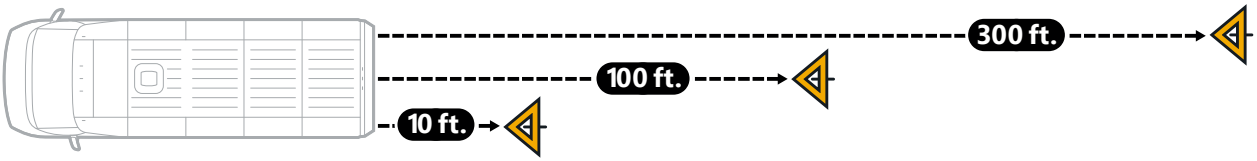
1. Lift the folding shelves up against the side of the vehicle.
2. Open the straps and lift the triangle box out of its holster.



3. Remove the triangles from the box and open them.



4. Place them behind the vehicle.
   - Place the first warning triangle 10 ft (3 m) directly behind the vehicle on the side closest to the road.
   - Place the second warning triangle 100 ft (30 m) behind the vehicle, lining it up directly in the middle of the vehicle's position.
   - Finally, place the third warning triangle 300 ft (90 m) from the vehicle. Line it up with the side of the vehicle that is furthest from the road.
   - Watch for oncoming traffic and other hazards. Prioritize personal safety at all times.

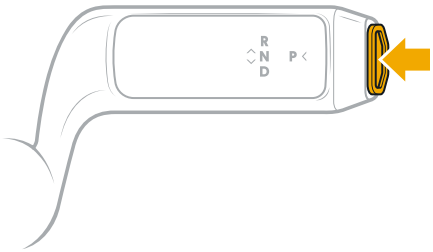


To store the triangles:

1. Collapse the triangles.
2. Nest the triangles inside the holding box and close it.
3. Place the box in its holster.

Emergency Stop

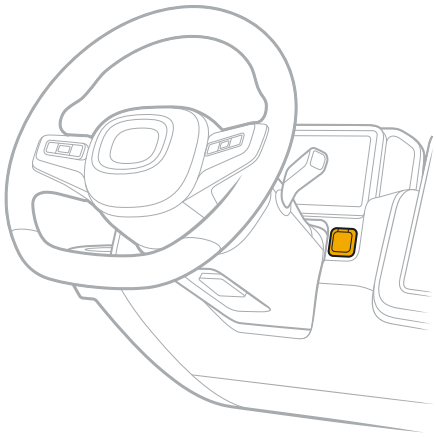
If the brakes do not work properly, press and hold the **P** (Park) button to immediately decelerate. An emergency deceleration notification appears on the driver display.



NOTES

- Continue to hold the **P** (Park) button to bring the vehicle to a stop. If the vehicle reaches a standstill, it automatically shifts into **P** (Park) and applies the parking brake.
- Release the **P** (Park) button to stop the deceleration.
- To stop the emergency deceleration, press the accelerator pedal while emergency deceleration is in progress.

Emergency SOS



The SOS button is located to the right of the steering wheel base.

Press the SOS button to reach a 24/7 national call center that assess the situation, route your call appropriately, and dispatch help if necessary. The call center professional calls for assistance from first responders if needed when there's an emergency, such as after an accident. First responders include police, firefighters, and medical personnel.

If the vehicle detects that a significant collision has occurred, it will automatically initiate an SOS call.

The audio system suppresses background noise so you can focus on the call. Your current location is displayed on the center display while the call is in progress in case the call center operator can't locate your vehicle and you need to communicate this information.

The SOS feature works as long as it's in a cellular coverage area, even if a cell phone is not inside the vehicle.

Contact Roadside Assistance for situations in which first responders are not needed, such as when the vehicle has broken down or needs to be towed.

NOTES

- If the emergency call center can't be reached, press the SOS button to try the call again.
- If the driver makes an SOS call while on another phone call, the SOS call will end the other phone call.
- If SOS is accidentally triggered, cancel the call on the center display within seven seconds of initiating the SOS call.
- The SOS button doesn't work outside of the United States.

To learn more about the data we collect from you and your vehicle and our data handling practices, see Rivian's Privacy Policy.

Roadside Assistance

Perform a Restart

Restart the Software

CAUTION

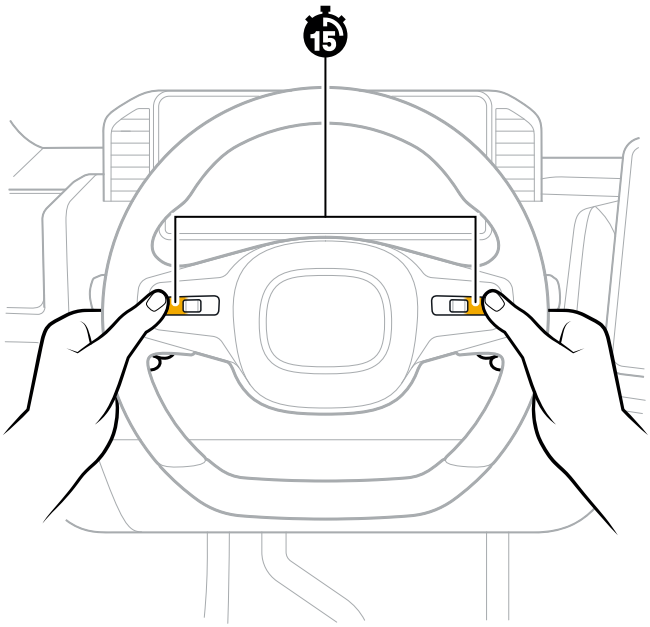
Contact Rivian Service before restarting the software or the vehicle.

If the vehicle apps, connectivity, or displays are not working normally, you may need to restart the software.

1. Make sure the vehicle is in **P** (Park).
2. Find the two outermost control buttons on the steering wheel.
3. Press both buttons at the same time and hold for 15 seconds.

NOTE

The displays go dark for about one minute until the restart is complete.



Restart the Vehicle

CAUTION

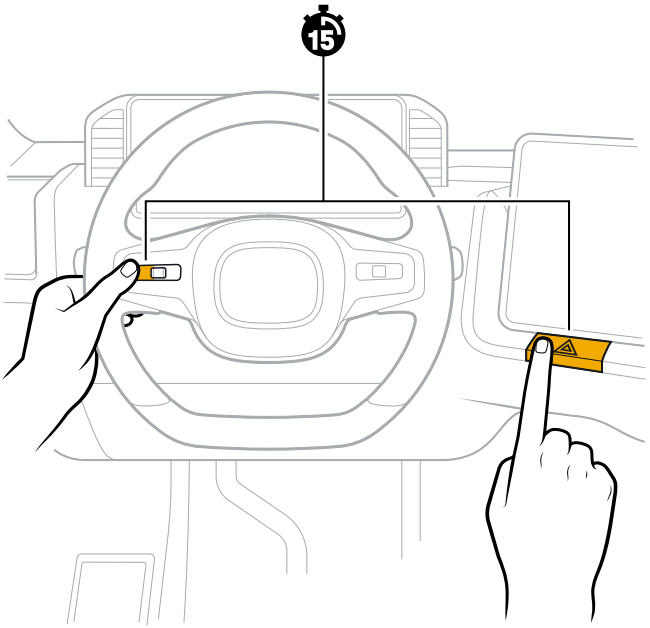
Contact Rivian Service before restarting the software or the vehicle.

If the vehicle is not working normally after you restart the software, you may need to restart the vehicle.

1. Make sure the vehicle is in **P** (Park) and not plugged in.
2. Find the left thumb control button on the steering wheel and the hazard lights button under the center display.
3. Press both buttons at the same time and hold for 15 seconds.

NOTE

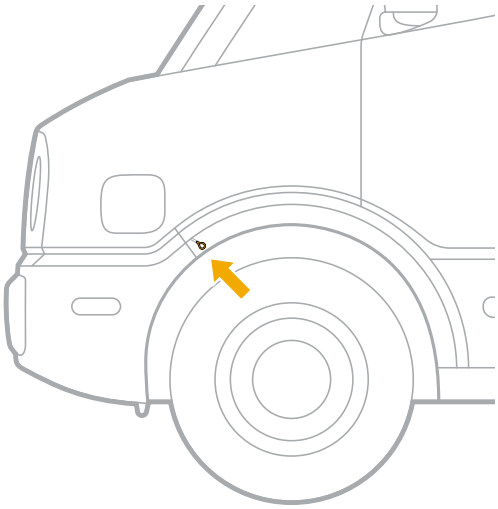
The displays go dark, and then a progress bar indicates when the restart is complete.



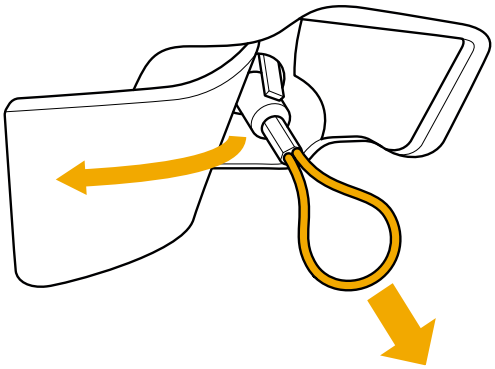
Manually Release the Charge Plug

If the charge plug won't release from the charge port after you stop a charge session, manually release it by following these steps:

1. Locate the release cable behind the access panel in the wheel liner on the driver side of the vehicle.



2. Open the access panel and gently pull the cable to release the charge plug.



3. Remove the charge plug from the charge port.

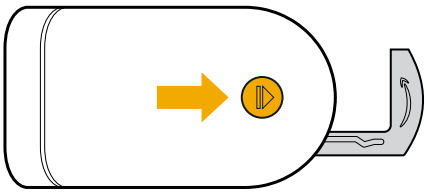
Jump Start 12 V Batteries

The vehicle has one or two 12 V batteries under the driver seat. Older vehicles have two, and newer ones have one.

Signs of discharged 12 V batteries include the following:

- The doors and storage areas don't unlock.
- The vehicle doesn't respond to the key fob.
- The lighting doesn't illuminate.
- The displays don't turn on.

To unlock the doors when the 12 V battery or batteries are depleted, use the emergency key inside the key fob. See Key Fob for more information.



CAUTION

- Don't use the vehicle to jump start another vehicle.
- To ensure the vehicle maintains critical safety systems and operates normally, use genuine Rivian parts. Contact Rivian if a replacement 12 V battery is needed.
- Damage caused by replacement with an incompatible 12 V battery isn't covered by the New Vehicle Limited Warranty.

Before you begin, ensure that you have an adequate power source to jump start the vehicle.

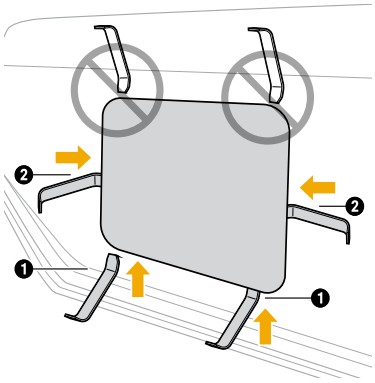
- If using a tow truck to jump start, the tow truck needs to be running until the vehicle powers up.
- If using a jump box, it needs to maintain a steady voltage of 12.5 V at 15 A (30 A peak).

IMPORTANT

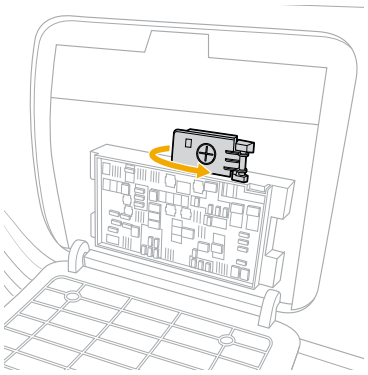
If there are two batteries, both need to be jump started at the same time.

Jump start the 12 V battery or batteries by following these steps.

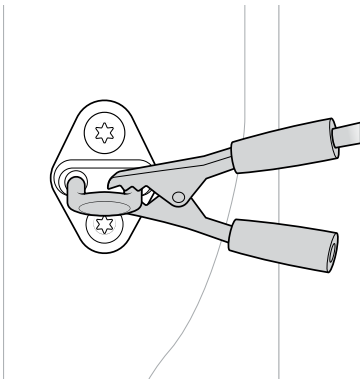
1. To open the panel, pry at the bottom of the door (1) and then on the sides (2). Never pry at the top.



2. Open the cover for the positive battery post (on both sides, if there are two batteries).



3. Connect the positive (+) lead to the positive battery contact.
4. Connect the negative (-) lead to the driver's door latch.



5. Repeat steps 3 and 4 on the second battery if necessary.

   Once the vehicle has enough power, the displays will turn on. You can unlock the doors, rollup door, and charge port door. When the vehicle fully powers on you can drive if the vehicle has enough range.
6. After the vehicle powers on, remove the negative (-) lead from the driver's door latch.
7. Remove the positive (+) lead from the positive battery contact.

IMPORTANT

If the vehicle's high-voltage battery is also depleted, the 12 V battery or batteries will deplete again. Charge the vehicle as soon as possible.

Transport the Vehicle

Prepare the Vehicle for Towing

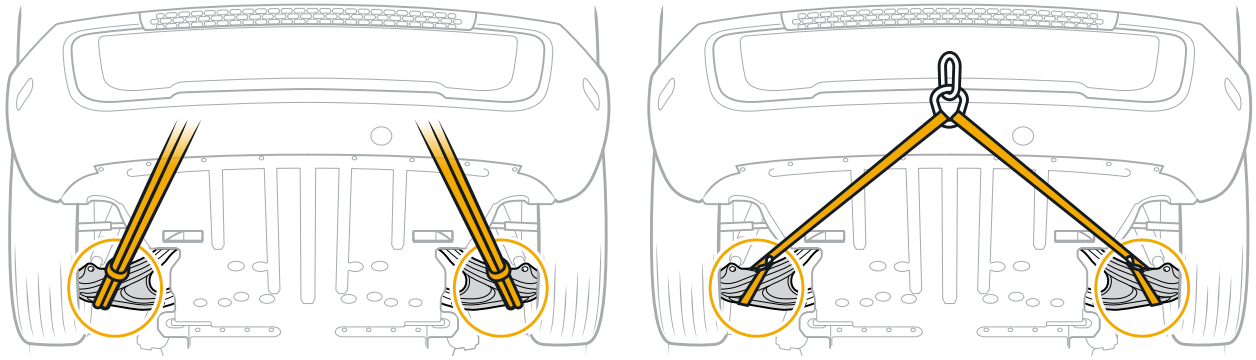
WARNING

- Only transport the vehicle on a flatbed tow truck with a 21 ft (6.4 m) minimum flatbed length.
- Fire hazard. Towing Rivian vehicles with any wheels on the ground can lead to significant damage and overheating. Extreme overheating can cause a fire.
- Damage caused by improper towing is not covered under warranty.
- Be aware of overhead clearance limits. The vehicle height is 9 ft 7 in (2.92 m).

1. Ensure the front wheels face forward and are parallel with the vehicle.
2. Put the vehicle in **P** (Park) and chock the wheels.
3. Connect the vehicle to the tow truck winch with 3 ft (1 m) endless loops or a nylon bridle through the lower control arms.

CAUTION

To prevent damage, don't use the tow eye to connect to the tow truck and don't use j-hooks to connect to any suspension components.



4. Press and hold the brake pedal.
5. In the center display, go to **Safety**. Turn on **Park brake release**. Choose **Start Release**.

NOTE

Park brake release turns off after 15 minutes. You can also turn it off by putting the vehicle in **P** (Park) or turning off **Park brake release** under **Safety** in the center display.

6. Release the brake pedal and confirm release of the electronic park brake.

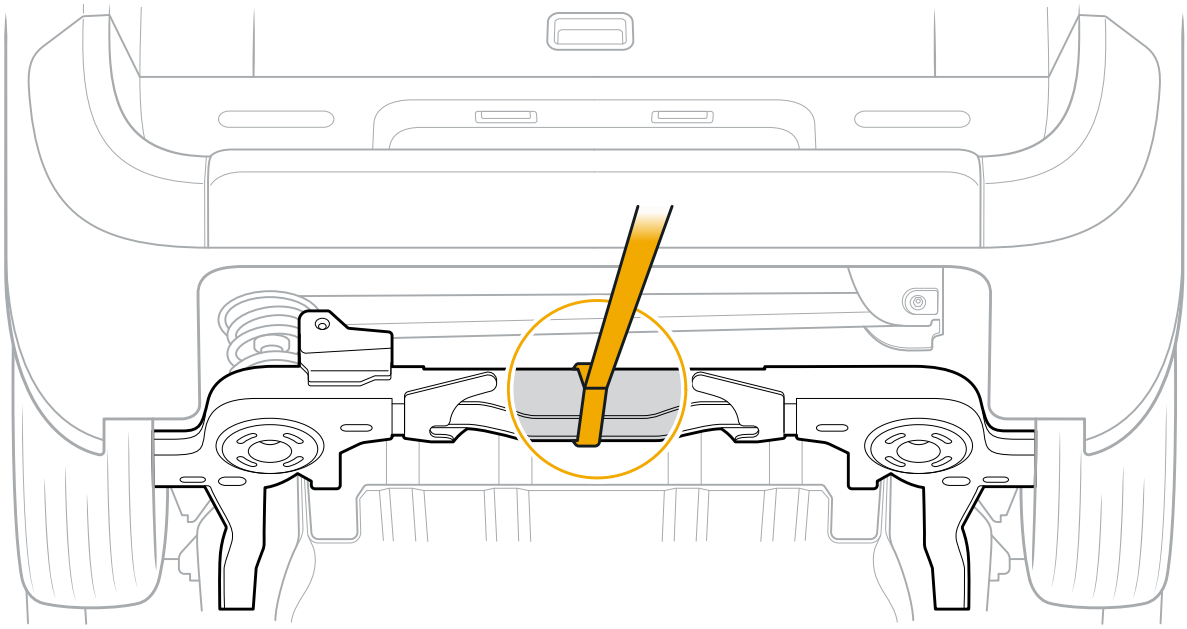
   You can now load the vehicle onto the tow truck.

Connect to the Rear Axle

If you can't connect to the front control arms, you can recover the vehicle using the rear axle.

1. Ensure the front wheels face forward and are parallel with the vehicle.
2. Put the vehicle in **P** (Park) and chock the wheels.
3. Connect the vehicle to the tow truck winch with a nylon bridle or short endless loops through the rear axle.

> **CAUTION**
> To prevent damage, don't use the rear bumper step to connect to the tow truck.



4. Press and hold the brake pedal.
5. In the center display, go to **Safety**. Turn on **Park brake release**. Choose **Start Release**.

> **NOTE**
> Park brake release turns off after 15 minutes. You can also turn it off by putting the vehicle in **P** (Park) or turning off **Park brake release** under **Safety** in the center display.

6. Release the brake pedal and confirm release of the electronic park brake.

   You can now load the vehicle onto the tow truck.

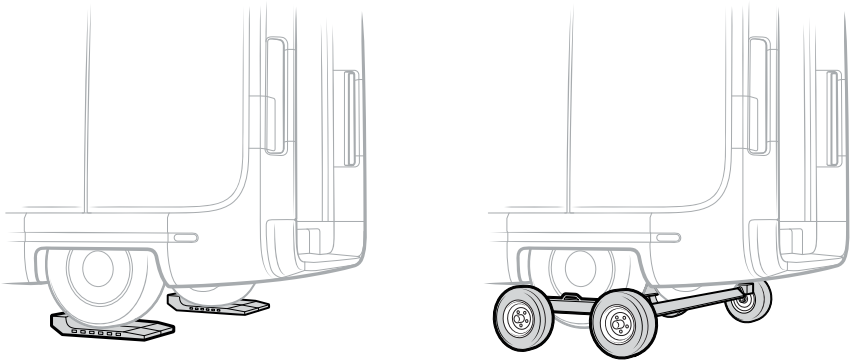
Lift the Rear Wheels

If you can't release the electronic park brake, lift the rear wheels to load the vehicle onto the tow truck.

DANGER

When the rear wheels are lifted, the vehicle can roll. Make sure to secure the vehicle and connect it to the tow truck before you lift the rear wheels.

1. Chock the front wheels to secure the vehicle.
2. Connect the vehicle to the tow truck using an endless loop through the front control arms or rear axle.
3. Lift the rear wheels using skates, a dolly, or a tow truck wheel lift.



4. With the rear wheels off the ground, position the vehicle to be loaded onto the tow truck bed.

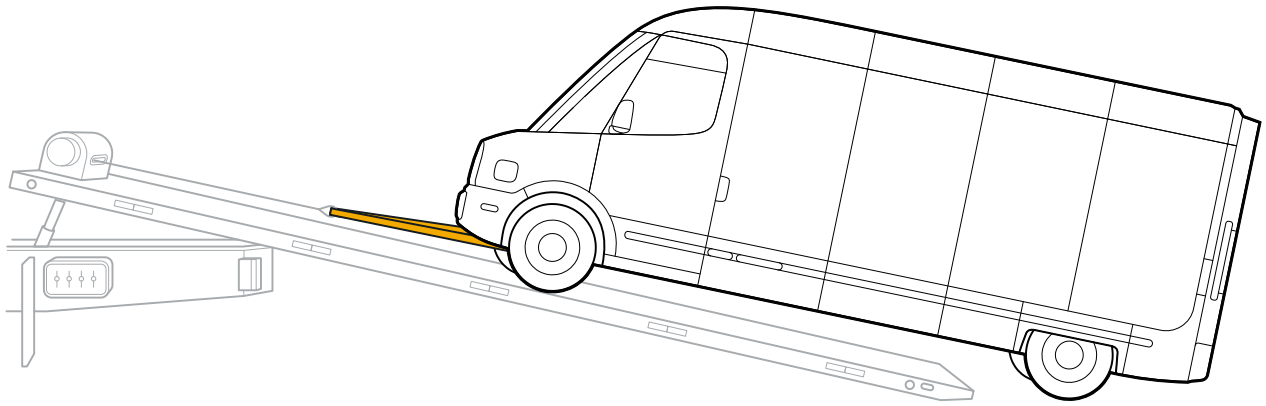
   You can now load the vehicle onto the tow truck.

NOTE

If using skates, use the skates to pull the vehicle all the way up the tow truck ramp.

Load the Vehicle onto the Tow Truck

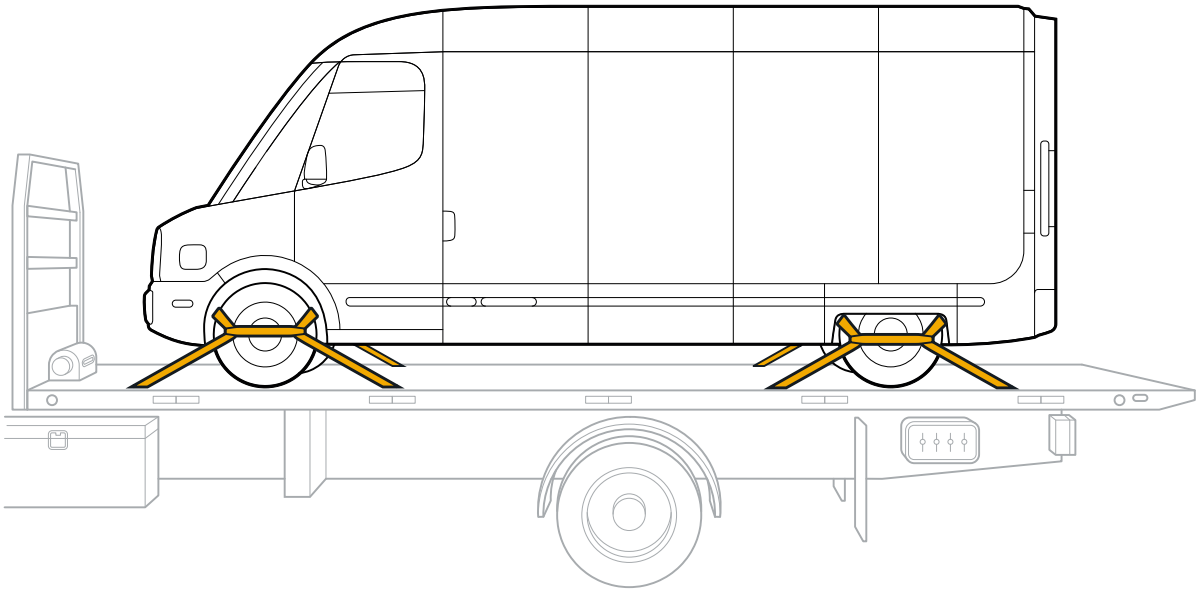
1. Ensure **Park brake release** is turned on.
2. Remove the wheel chocks.
3. Use the tow truck winch to pull the vehicle onto the tow truck bed.



4. Pull at 5 mph (8 km/h) or less to prevent damage to the powertrain.

> **NOTE**
> If you pull too fast, the vehicle stops and shifts into **P** (Park).

5. Tie down the vehicle using eight-point retention straps with two points of contact per corner.



> **CAUTION**
> To prevent damage, ensure the straps don't contact the brake lines behind the tire.

6. Put the vehicle in **P** (Park).

Vehicle Shipping Mode

Use Vehicle Shipping mode to preserve battery charge while the vehicle is in transit.

> **IMPORTANT**
> Vehicle Shipping mode should be used only when shipping the vehicle on a transport carrier or via rail. It is not meant for use when towing the vehicle.

Vehicle Shipping mode turns off the following features:

- Passive lock/unlock - You can leave keys in the vehicle and the vehicle sleeps normally
- Software updates
- Vehicle alarm system
- Bulkhead door

Turn on Vehicle Shipping mode when you are ready to transport the vehicle.

> **NOTES**
> - Powering up takes longer than usual when Vehicle Shipping mode is selected.
> - Functionality may be limited until Vehicle Shipping Mode is turned off.

1. Put the vehicle in **P** (Park).
2. On the center display, choose **Vehicle**, then **System**.
3. Turn on **Vehicle Shipping** mode.
4. Enter the Rivian-supplied activation code **8726** on the pinpad.

Turn off Vehicle Shipping mode after you arrive at your destination.

1. Put the vehicle in **P** (Park).
2. On the center display, choose **Vehicle**, then **System**.
3. Turn off **Vehicle Shipping** mode.

Service and Maintenance

Exterior Cleaning

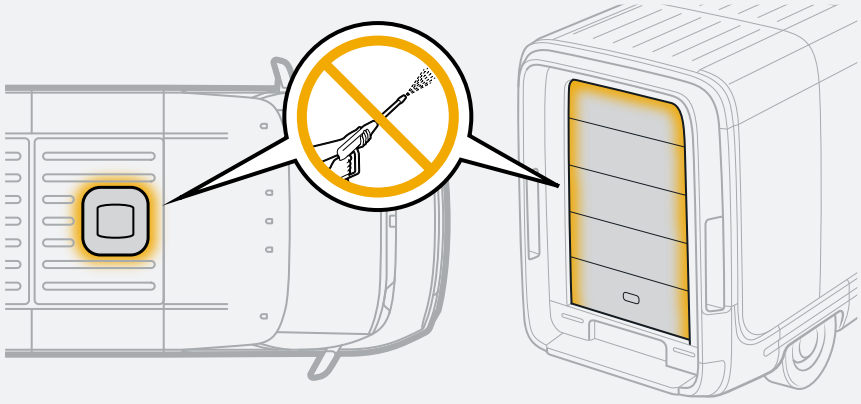
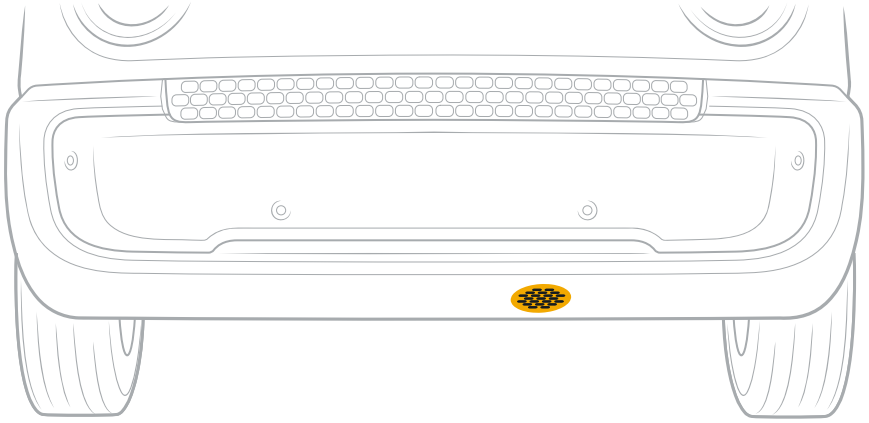
Clean the Exterior



WARNING

- Before washing, ensure that the vehicle is not currently charging, and that the charge port cover is closed. Washing during charging is an electrocution risk, which can lead to injuries or vehicle or property damage.
- Avoid spraying water at any electronics or exposed cabling.

Guideline	Description
Before washing	• Turn off the vehicle. • Remove all packages from the cargo area to prevent water damage. • Close the doors, windows, and the rollup door. • Ensure that charge port cover is closed, and the vehicle is not plugged in or charging.

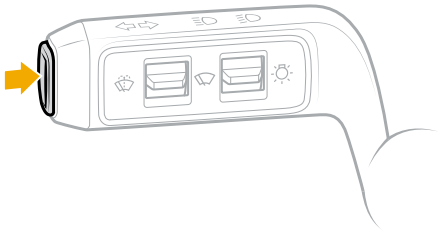
Guideline	Description
Pressure washing	• Use a standard pressure washer with a maximum of 1,100 psi and a minimum of 25-degree nozzle spray to wash the vehicle. • Hold the pressure washer at least 15 in (40 cm) away from the vehicle. • Use a side-to-side sweeping motion to avoid concentrated pressure to a single area. • To prevent water leakage into the cargo area, avoid prolonged or concentrated water pressure to the roof vent cover and the edges of the rollup door. 
Pedestrian audio alert speaker	Pedestrian audio alert is a feature that emits sound to alert pedestrians that the vehicle is moving. The speaker that emits the sound is located underneath the front bumper.  • Check that the speaker is clean and free of obstructions, especially after severe weather. • If the volume of the pedestrian alert sound is decreased, use a tube brush to gently clean the speaker.

Guideline	Description
Paintwork	• Remove bird droppings, tree sap, insect deposits, tar, road salt, or other particles to avoid damage to the paint surface. • Never apply wax in direct sunlight. • Avoid applying wax to unpainted surfaces.
Chrome trim	• Do not use abrasives, alcoholic solvents, or chemical solvents to clean the chrome trim. • Dry the chrome trim with a clean, soft cloth.
Cold weather care	• If there is ice on the vehicle, use the climate control system such as heat and defrost to thaw surfaces. • Do not apply hot water to any glass surface to remove ice. This may cause the glass to crack. • Never use an ice scraper on plastic parts on the vehicle's exterior, such as the air intake cover and the trim near the windshield wipers. This may scratch or damage the plastic and nearby fixtures. • In freezing temperatures, clean the sensors after washing the vehicle.
Headlights	• Do not scrape the headlights. • Do not use abrasives, alcoholic solvents, or chemical solvents to clean the headlights. • Do not wipe the headlights when they are dry.
Windows and wiper blades	Do not apply wax to the windshield or wiper blades.

Wash the Windshield

Wash the windshield using the lights stalk to the left of the steering wheel. Do one of the following:

- To wipe the windshield once without washer fluid, quickly press and release the button on the end of the lights stalk.
- Press and hold the washer button on the end of the lights stalk to spray and wipe the windshield. To stop, release the button.



Interior Cleaning

Surfaces



CAUTION

- Don't use bleach, ammonia, silicone, or any other harsh cleaners. These products can cause damage to the vehicle interior.
- Don't use cleaners, sealants, or conditioners that contain wax or petroleum.
- While cleaning beneath the front passenger seat, don't remove the cover from the AC/DC inverter. The cover protects the inverter from contamination, such as accidental spills.

To maintain the interior of your vehicle, clean it periodically, as needed.

- Remove trash and debris.
- Vacuum the floors and seats.
- Wipe the rearview mirror with a dry microfiber cloth.
- Clean the interior windows and windshield with a microfiber cloth dampened with an ammonia-free window cleaner.
- Wipe the seats, interior surfaces, and speaker grills with a damp cloth.
- Turn off climate controls while cleaning around the vents and dashboard.

NOTE

Lightly dampen or spray the cloth with water or a cleaner developed for the seat material and dashboard. Don't spray cleaner or pour liquid directly onto the vehicle's surfaces, and don't soak the cloth with cleaning solution.

Cold Weather Care

Surfaces

If your vehicle is iced over, only use the climate control system such as heat and window defrost to thaw surfaces.



CAUTION

- Don't pour hot water onto any glass surface to thaw the glass. This may cause the glass to crack.
- Don't use an ice scraper on plastic parts on the vehicle's exterior, such as the air intake cover and the trim near the windshield wipers. This may scratch or damage the plastic and nearby fixtures.

Lights

Use warm water and a soft cloth to remove snow and ice from the lights on the outside of the vehicle. You can also use a commercial deicer according to the product instructions.



CAUTION

Wipe the lights gently. Ice scrapers, snow brooms, and dirt or debris below the snow or ice may scratch the lens surface.

NOTE

When the lights are clean and dry, you can apply a ceramic or automotive hydrophobic coating to minimize ice buildup. Follow the product instructions. Coatings may impact lens opacity and light performance.

Routine Maintenance

Windshield Washer Fluid

Temperature Rating

When refilling windshield washer fluid, use fluid rated for the season and temperature range where the vehicle will be located.



Ensure that you dilute concentrated formulas.

Always refer to the temperature rating and instructions on the fluid bottle before you purchase or use windshield washer fluid.

IMPORTANT

Windshield washer fluid ratings vary. Fluid rated for cold weather (winter) performs best in colder temperatures, but is unnecessary in milder temperatures.

Windshield washer fluid rated for milder temperatures (summer) typically contains much lower levels of volatile organic compounds (VOCs).

VOCs contribute to ozone levels and smog, particularly when VOCs evaporate in warmer temperatures. Using cold-weather rated fluid when the temperature is warmer can release higher levels of VOCs in the air.

Use fluid rated for the current season and temperature to avoid releasing excess VOCs.

Refill Windshield Washer Fluid

DANGER

- Concentrated windshield washer fluid is highly flammable and may ignite if exposed to heat.
- Do not pour or spill concentrated windshield washer fluid onto hot vehicle components.

WARNING

- After driving, vehicle components may be hot.
- Before touching any area of the vehicle, ensure the area is cool to the touch. Don't pour any fluid into a hot area of the vehicle.



- Clean off leaves and debris before opening the windshield washer fluid reservoir.

IMPORTANT

- Some windshield washer fluid must be diluted. Follow the manufacturer's instructions on the bottle.
- Dilute the fluid in a separate container first.
- Do not use fluid containing water repellent or insect formula.



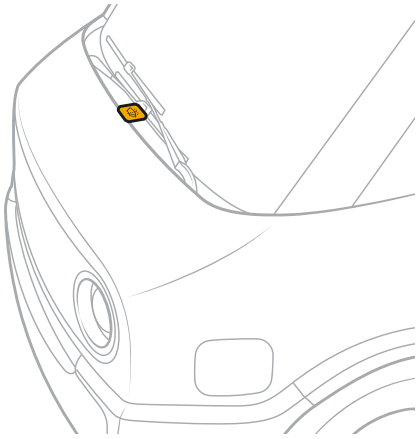
Supplies

The vehicle holds 4.4 gal (16.7 L) of windshield washer fluid.

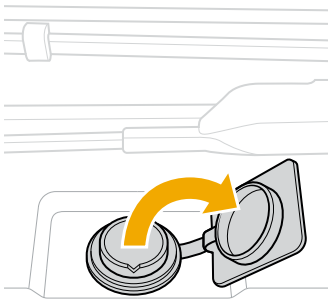
Steps

To refill the windshield washer fluid:

1. Park the vehicle.
2. Locate the cap below the center of the windshield at the front of the vehicle.



3. Pry up the cap to access the opening.



4. Insert a funnel into the opening.
5. Pour in windshield washer fluid until the fluid level is 1 - 2 in (3 - 5 cm) below the opening.



6. Close the cap and press firmly to snap it in place.

Key Fob Battery Replacement

If the key fob battery is low:

- The vehicle alerts you on the driver display.

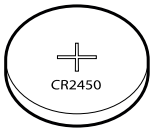
Replace the battery to avoid getting locked out of the vehicle.

NOTES

- EDV key fobs connect to the EDV via BLE (*Bluetooth*® Low Energy), which while more secure, consume more energy than traditional key fobs. You may need to replace batteries as often as every 6-8 months for Murata® batteries.
- If there is an issue with the key fob, try swapping out the battery first. If a new battery doesn't fix the issue, schedule service with Rivian, and leave all three key fobs (with key fob parts) for the service appointment. Please identify and note the problematic key fob for the Rivian technician.
- When not in use, ensure keys are stored in a stationary place away from the vehicle. The key fob has a built in accelerometer, which means constant movement (for example, if kept in a person's pocket) can impact battery life.

Part

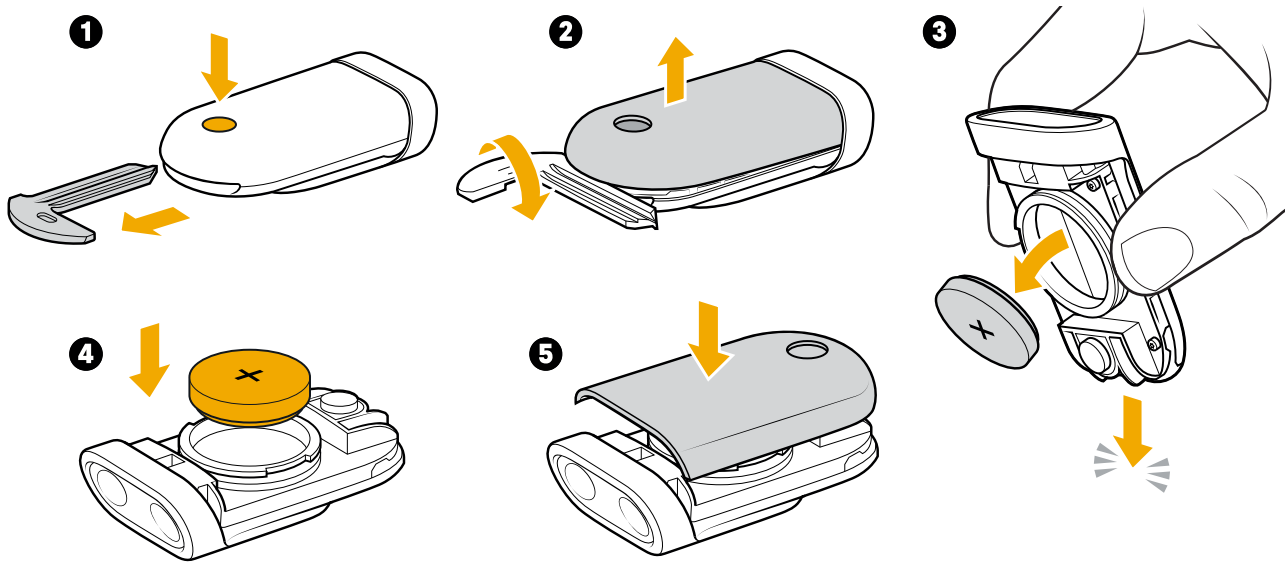
CR2450 (or equivalent IEC60086-4 compliant) coin battery



NOTE

Rivian highly recommends using Murata CR2450 coin cell batteries. Batteries from manufacturers other than Murata may experience drastically limited life.

Steps



1. Hold the key fob on the side that has the clip. Press the button on the opposite side and remove the emergency key.
2. Use the key or a coin to pry off the battery door.
3. Remove the old battery by turning the fob upside down and tapping it firmly against your palm.

CAUTION

Do not use any tools as this can cause damage to the key fob.

4. Insert a new battery in the battery holder with the positive (+) side facing up.

CAUTION

Don't press any key fob buttons while replacing the battery as this can lead to key fob reboot issues.

5. Align the case and then push firmly to close it.

WARNING

If the key fob doesn't close securely, stop using the product and keep it away from children. Contact Service for a replacement.

NOTES

- Recycle used coin cell batteries at a battery recycling center or dispose in accordance with local laws.
- Key fob environmental storage and operating conditions are -22°F to 122°F (-30°C to 50°C).
- The ISO7000-1641 operator's manual symbol is printed inside the key fob.

DANGER

- The key fob contains a coin cell battery, which presents a chemical burn hazard. Do not ingest batteries.
- If swallowed, a coin cell battery can cause severe internal burns in two hours and can lead to death.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Keep new and used batteries away from children.

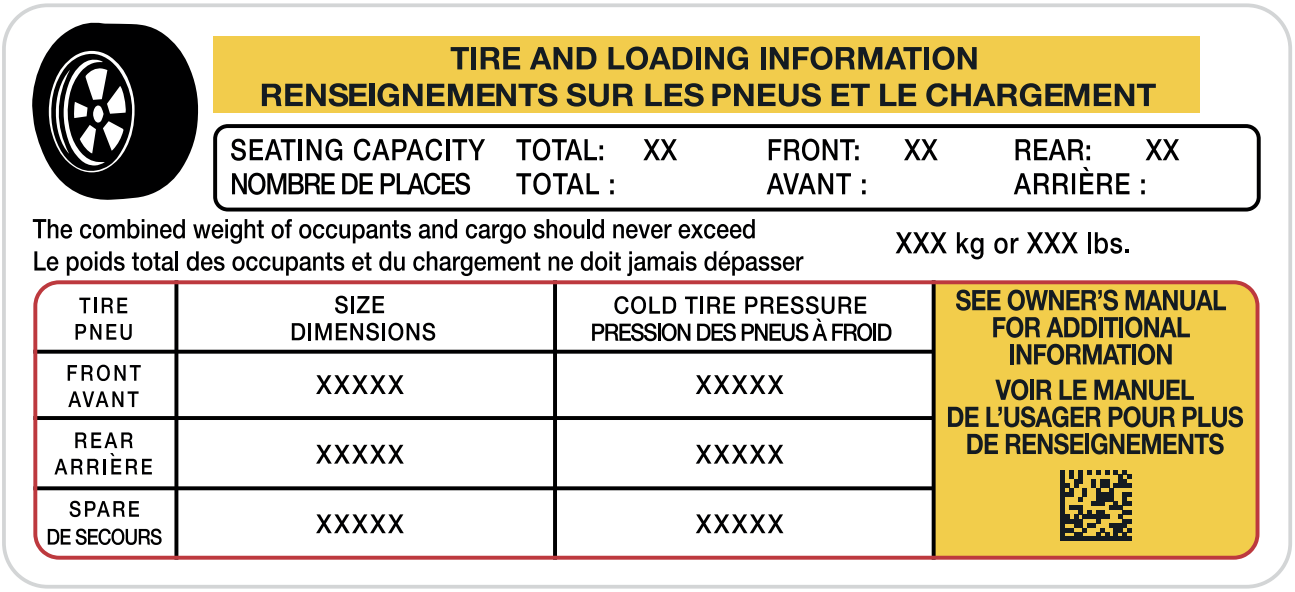
Tires and Wheels

Tire Pressure and Tire Care

Check the inflation pressure of the tires, including the spare tire (if equipped), monthly with an accurate tire pressure gauge. The recommended cold inflation pressures are listed on the Tire and Loading Information label on the driver's door pillar.

Load Capacity

The Tire and Loading Information label is on the driver's door pillar. The label describes the proper loading for the vehicle with or without a trailer.



TIRE AND LOADING INFORMATION
RENSEIGNEMENTS SUR LES PNEUS ET LE CHARGEMENT

SEATING CAPACITY NOMBRE DE PLACES	TOTAL: TOTAL :	XX	FRONT: AVANT :	XX	REAR: ARRIÈRE :	XX	

The combined weight of occupants and cargo should never exceed
Le poids total des occupants et du chargement ne doit jamais dépasser
XXX kg or XXX lbs.

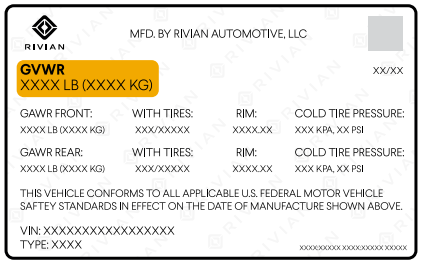
TIRE PNEU	SIZE DIMENSIONS	COLD TIRE PRESSURE PRESSION DES PNEUS À FROID	SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION VOIR LE MANUEL DE L'USAGER POUR PLUS DE RENSEIGNEMENTS
FRONT AVANT	XXXXX	XXXXX	
REAR ARRIÈRE	XXXXX	XXXXX	
SPARE DE SECOURS	XXXXX	XXXXX	

Steps for Determining the Correct Load Limit

1. Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs" on your vehicle's placard.
2. Determine the combined weight of the driver and passengers that will be riding in your vehicle.
3. Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
4. The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1,400 lbs and there are five 150 lb passengers in your vehicle, the available cargo and luggage load capacity is 650 lbs (1400-750 (5 x 150) = 650 lbs).
5. Determine the combined weight of luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.

NOTE

The Gross Vehicle Weight Rating (GVWR) can be found on the Vehicle Certification label on the driver's door pillar.



WARNING

Don't overload the tires. Overloading can cause tire failure, affect vehicle handling, and increase stopping distance.

Uniform Tire Quality Grading

Quality grades can be found where applicable on the tire sidewall between tread shoulder and maximum section width. For example: Treadwear 200 Traction AA Temperature A.

NOTE

This vehicle does not have a snow-performance tire nor is it designed to operate with snow chains.

The U.S. Department of Transportation requires the following information:

Treadwear

The treadwear grade is a comparative rating based on the wear rate of the tire when tested under controlled conditions on a specified government test course. For example, a tire graded 150 would wear under one-and-a-half (1-1/2) times as well on the government course as a tire graded 100. The relative performance of tires depends upon the actual conditions of their use, however, and may depart significantly from the norm due to variations in driving habits, service practices and differences in road characteristics and climate.

Traction – AA, A, B, and C

The traction grades from highest to lowest are AA, A, B, and C and they represent the tire's ability to stop on wet pavement as measured under controlled conditions on specified government test surfaces of asphalt and concrete. Tires marked C may have poor traction performance.



WARNING

The traction grade assigned to this tire is based on braking (straight ahead) traction tests and does not include cornering (turning) traction.

Temperature – A, B, and C

The temperature grades are A (the highest), B, and C, representing the tire's resistance to the generation of heat and its ability to dissipate heat when tested under controlled conditions on a specified indoor laboratory test wheel. Sustained high temperature can cause the material of the tire to degenerate and reduce tire life, and excessive temperature can lead to sudden tire failure.

The grade C corresponds to a level of performance which all passenger car tires must meet under the Federal Motor Vehicle Safety Standard No. 109. Grades A and B represent higher levels of performance on the laboratory test wheel than the minimum required by law.

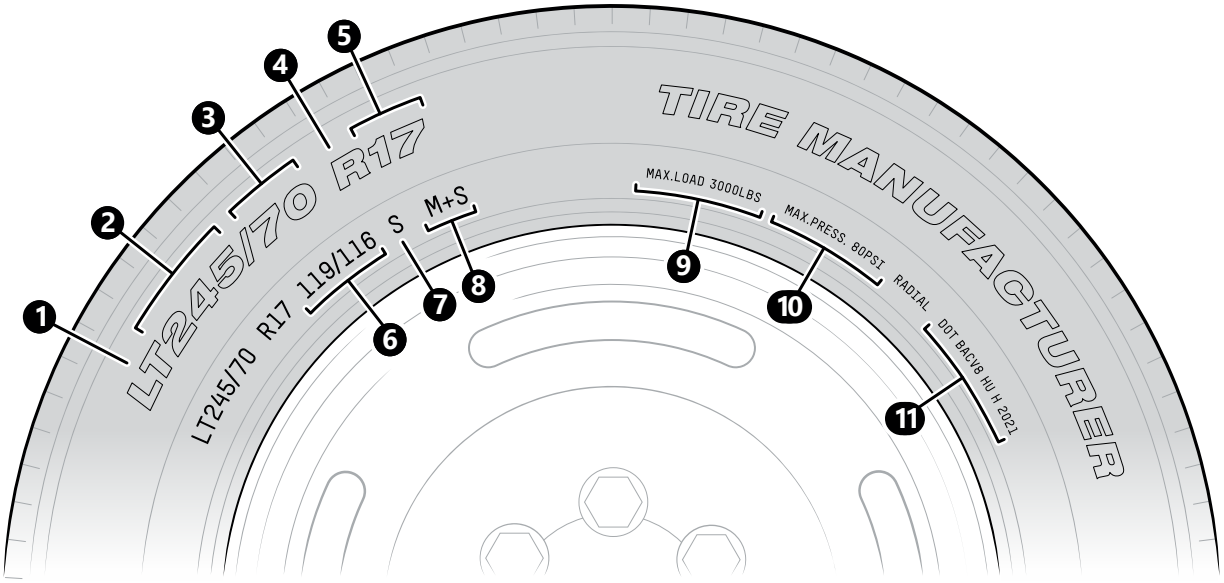


WARNING

The temperature grade for this tire is established for a tire that is properly inflated and not overloaded. Excessive speed, under-inflation, or excessive loading, either separately or in combination, can cause heat buildup and possible tire failure.

Tire Markings

The following image describes tire markings for a typical tire. The positions of the tire markings may vary by tire manufacturer.



Item	Description
1	Light truck use
2	Nominal width in millimeters, measured from the outer edges of the sidewall.
3	Nominal aspect ratio (%). This describes the height of the tire expressed as a percentage of the tire width.
4	Internal construction. The R indicates a radial ply tire.
5	Rim diameter in inches
6	Load index
7	Speed symbol
8	Mud and snow grading
9	Maximum load rating
10	Maximum permissible inflation pressure
11	U.S. DOT tire identification number

Glossary of Tire Terminology

Term	Definition
Accessory weight	The combined weight of factory-installed equipment (in excess of standard items which may be replaced).
Bead	The part of the tire next to the rim, constructed of steel wires that are wrapped or reinforced by ply cords.
Bead separation	A breakdown of the bond between bead components.
Bias ply tire	A pneumatic tire constructed of ply cords laid at alternate angles that are substantially less than 90 degrees to the tread centerline.
Carcass	The tire structure, except the tread and sidewall rubber, which bears the load when inflated.
Chunking	The breaking away of pieces of the tread or the sidewall.
Cold tire pressure	The tire pressure when the vehicle has been parked for 3 hours or more, or driven for less than 1 mi (1.6 km).
Cord	The strands that form the plies in the tire.
Cord separation	The parting of cords between adjacent rubber compounds.
Curb weight	The weight of the vehicle with standard equipment and properly filled fluids.
Groove	The space between two adjacent tire tread ribs.
Inner liner	The layers that form the inside surface of a tubeless tire containing the inflating medium.
Inner liner separation	The parting of the inner liner from the cord material in the tire carcass.
Light truck (LT) tire	A tire intended for light weight trucks and multi-purpose passenger vehicles that have a gross vehicle weight rating (GVWR) of less than 10,000 lb (4356 kg).
Load rating	The maximum load for a tire at the maximum permissible inflation pressure.
Maximum inflation pressure	The maximum permissible cold tire inflation pressure.
Maximum load rating	The load rating for a tire at the maximum permissible cold tire inflation pressure.
Ply	A layer of rubber-coated parallel cords.
Ply separation	A parting of the rubber compound between adjacent tire plies.
Pneumatic tire	A mechanical device constructed of rubber, chemicals, fabric, steel, and other materials. When mounted on an automotive wheel, the device provides traction and contains the gas or fluid that sustains the load of the vehicle.

Term	Definition
Radial ply tire	A pneumatic tire that contains ply cords that extend to the beads and are laid at alternate angles substantially less than 90 degrees to the tread centerline.
Recommended inflation pressure	The cold tire inflation pressure recommended by Rivian Automotive, LLC. This information is printed on the tire placard on the inside of the door pillar.
Rim	The metal support for a tire assembly where the tire beads are seated.
Section width	The linear distance between the exteriors of the sidewall of an inflated tire. The distance excludes elevations from labeling, decoration, or protective bands.
Sidewall	The section of the tire between the tread and the bead.
Tire placard	The label that is permanently attached to the inside of the door pillar that describes the original equipment tire sizes, recommended inflation pressures, and loading capacity.
Tread	The section of the tire that contacts the road surface.
Treadwear indicators (TWI)	The projections within the tire grooves that are designed to provide a visual indication of the tire tread wear.
Vehicle maximum load on the tire	The load on an individual tire that is determined by distributing the maximum loaded vehicle weight on each axle and dividing by two.

Tire Pressure Monitoring System

The vehicle is equipped with a Tire Pressure Monitoring System (TPMS) with individual tire pressure display. If one of the tires is significantly under-inflated, a low tire pressure indicator appears on the driver display.



Each tire, including the spare (if provided), should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added safety feature, your vehicle has been equipped with a TPMS that illuminates a low tire pressure telltale when one or more of your tires is significantly underinflated.

Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure.

Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

NOTE

The TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure telltale.

TPMS Malfunction Indicator

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly. The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

TPMS Sensor Automatic Learning Process

The vehicle is equipped with TPMS sensors in the valve stem of each wheel. When you start driving, the sensors automatically connect to the TPMS module and begin the automatic learning process, which takes less than 10 minutes. After the learning process is complete, the TPMS sensor transmits the pressure values for each of the front and rear tires to the in-vehicle displays.

Legal and Reference

Legal

Certificates and Conformity

USA FCC Certification

Wireless Device	Model	FCC ID	IC ID
Telematics Control Module	TCM 1.0	2AW3A-1NAT20TCM	26958-1NAT20TCM
Vehicle Access System - Bluetooth	VAS-BLE 1.0	2AW3A-1NAG20VAS	26958-1NAG20VAS
Experience Management Module	XMM 1.0	Contains FCC ID: VPYLB2AJ	Contains IC: 772C-LB2AJ
Wireless Charger	VWPSC10C-15AM9P	2A2EZVW15AM9P	26414-VW15AM9P
Tire Pressure Monitoring System	TSSSG4G6b	YGOTSSRE4A	4008C-TSSRE4A
Automotive Short-Range Radars	MAR110	TQ8-MAR110	5074A-MAR110
Automotive Long-Range Radar	LRR-25	2ACDX-LRR-25	11988A-LRR25

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. And, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes and modifications made to this equipment not expressly approved by Rivian may void the FCC authorization to operate this equipment.

Exposure to Radio Frequency Energy

Rivian vehicles use Wi-Fi®, *Bluetooth*®, and cellular radio (LTE/WCDMA/GSM) transmitters that emit radio frequency (RF) energy. Though these devices emit low levels of RF energy, keep a minimum distance from these devices to the human body during operation to meet the guidelines for RF exposure from the Federal Communications Commission of the United States (FCC), Industry Canada, and European Union.

The devices emitting RF energy used in Rivian vehicles are listed below based on their recommended **Maximum Permissible Exposure (MPE)** distance.

Wireless Device	Model	MPE Distance	Antenna Location
Telematics Control Module	TCM 1.0	9 in (23 cm)	Roof (above cabin area)
Experience Management Module	XMM 1.0	8 in (20 cm)	Instrument panel
Automotive Short-Range Radars	MAR110	8 in (20 cm)	Front and rear bumper corners
Automotive Long-Range Radar	LRR-25	32 in (80 cm)	Front bumper

State-Specific Disclaimers

California

WARNING

Certain components in your vehicle such as lithium batteries, airbag modules, and seat belt pretensioners may contain perchlorate material. Special handling may apply for service or vehicle end of life disposal. For more information, go to www.dtsc.ca.gov/hazardouswaste/perchlorate.

Event Data Recorder

This vehicle is equipped with an event data recorder (EDR). The main purpose of an EDR is to record, in certain crash or near crash-like situations, such as an air bag deployment or hitting a road obstacle, data that will assist in understanding how a vehicle's systems performed. The EDR is designed to record data related to vehicle dynamics and safety systems for a short period of time, typically 30 seconds or less. The EDR in this vehicle is designed to record such data as:

- How various systems in your vehicle were operating;
- Whether or not the driver and passenger safety belts were buckled and fastened;
- How far (if at all) the driver was depressing the accelerator and/or brake pedal; and
- How fast the vehicle was traveling.

These data can help provide a better understanding of the circumstances in which crashes and injuries occur.

> **NOTE**
> EDR data are recorded by your vehicle only if a non-trivial crash situation occurs; no data are recorded by the EDR under normal driving conditions, and no personal data (e.g., name, gender, age, and crash location) are recorded. However, other parties, such as law enforcement, could combine the EDR data with the type of personally identifying data routinely acquired during a crash investigation.

To read data recorded by an EDR, special equipment is required, and access to the vehicle or the EDR is needed. In addition to the vehicle manufacturer, other parties, such as law enforcement, that have the special equipment, can read the information if they have access to the vehicle or the EDR.

Data and Privacy

Your privacy is important to Rivian. To learn more about the data we collect from you and your vehicle and our data handling practices, see Rivian's Privacy Policy.

Odometer Disclosure

All Rivian vehicles undergo extensive quality testing, road testing, and inspection before they are delivered. This may result in a few miles (kilometers) on the odometer when your Rivian vehicle is delivered to you.

Reporting Safety Defects in the United States

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Rivian.

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or Rivian.

Contact National Highway Traffic Safety Administration (NHTSA)

Call (toll-free)

Vehicle Safety Hotline (toll-free)
(888) 327-4236

TTY
(800) 424-9153

Website

You can also obtain other information about motor vehicle safety from this website:
http://www.safercar.gov

Write

Administrator
NHTSA
400 Seventh Street, SW
Washington, DC 20590

Service Support

Still need help? Connect with us.

RIVIAN

Roadside Assistance 24/7

(844) RIVIAN4 / (844) 748-4264

Service and Vehicle Support 24/7

(855) 745-1878