INFORMATION FOR FIRST AND SECOND RESPONDERS
EMERGENCY RESPONSE GUIDE



Chevrolet Silverado EV
4 Door Pick-up Truck
All Wheel Drive

Li-ion

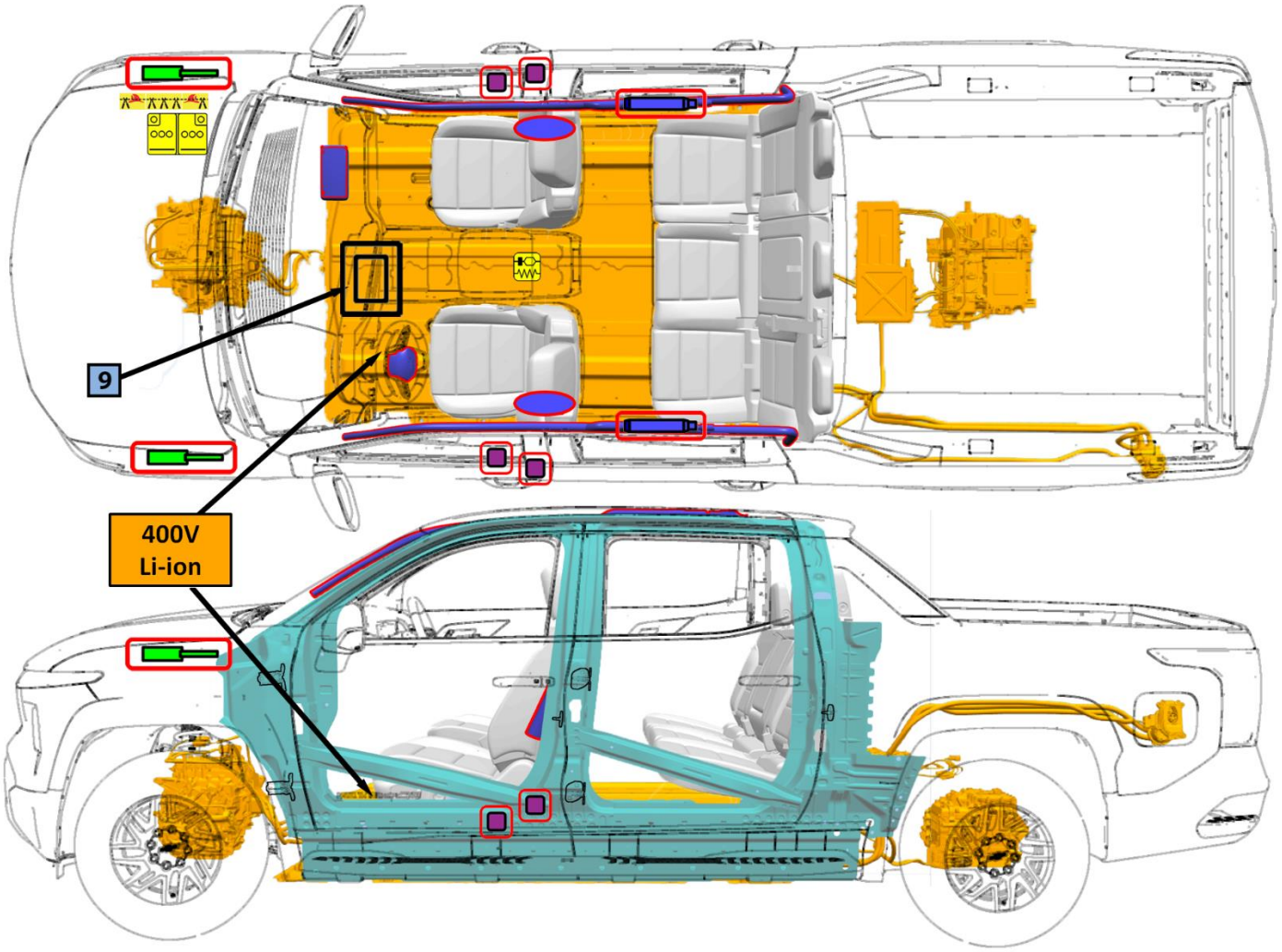


Version: 1

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0. Rescue Sheet



	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		Gas strut/ Preloaded spring
	High strength zone		Zone requiring special attention		Battery low voltage		High voltage battery pack		High voltage power cable component
	Cable Cut Location								

1. Identification / recognition

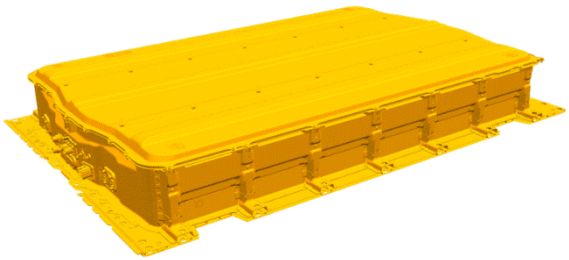
Advise Dispatch and all responders that an electric vehicle is involved.

Lack of engine noise does not mean vehicle is off: vehicle movement capability exists until vehicle is fully shut down. Always wear appropriate PPE.

Emblems and Badging

In addition to the exterior images shown on the cover page, the Chevrolet Silverado EV can be identified by badging that appears on front side doors and tailgate.

High Voltage Battery Information

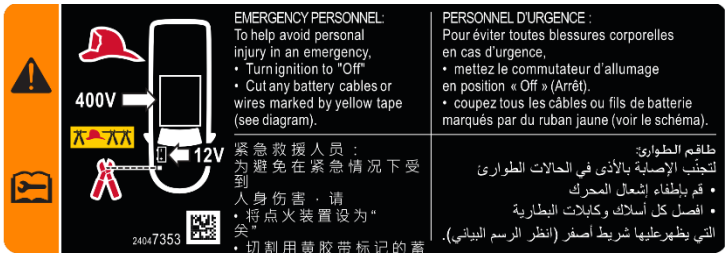


The battery is a High Voltage (Class B) Li-ion pack, that is a mounted under the vehicle and is a structural part of the floor pan.

Battery Warning Label



The battery warning label is located on the front compartment sight shield on the right side of the vehicle.



2. Immobilization / stabilization / lifting

IMMOBILIZE VEHICLE

- Block the wheels.
- Follow procedures for conventional vehicles.

Electric Parking Brake (EPB)



Applying the Electric Parking Brake

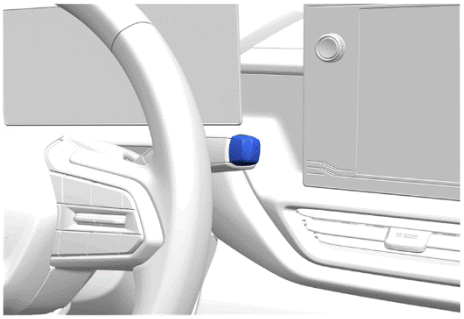
Press the EPB switch momentarily. The red parking brake status light will flash and then stay on once the EPB is fully applied.

Releasing the Electric Parking Brake

1. Turn the vehicle on.
2. Apply and hold the brake pedal.
3. Press the EPB switch momentarily.

The EPB is released when the red parking brake status light is off.

Electric Drive Unit Shift Lever



Shifting into Park

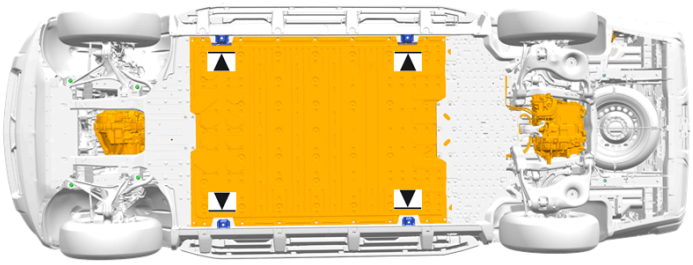
Press the button at the end of the shift lever to shift to P (Park).

Passive Power Mode (Hands-Free Start)

This vehicle does NOT have a power button. The vehicle will turn off when shifted to P (Park) and a driver exit is detected.

The "Vehicle Off" symbol OFF will appear on the infotainment display and can be used to turn the vehicle off. If a collision is detected, an additional "Emergency Vehicle Off" symbol will appear on the display and can be pressed to turn the vehicle off. Refer to Section 3 for additional details.

Lifting Points



There are features on the body of the vehicle, for use as primary lifting points. Do NOT use these features as attachment points to move or tie the vehicle down.

Do NOT lift the vehicle from any locations on the high voltage battery.

3. Disable direct hazards / safety regulations

Thermal Runaway Mitigation

The vehicle is equipped with a battery management system with internal fault detection, including thermal runaway mitigation. In the event of a "**Battery Danger Detected**" notification, **DO NOT cut or disable the low voltage system, unless you need to disable the airbags for occupant extrication**.

Automatic safety systems are enabled when low voltage power is available, including a battery thermal runaway mitigation system that internally cools the High Voltage battery when a thermal event is detected; this feature is available in non-crashed, static situations.

When these safeguards are activated, OnStar Advisors will contact First Responders. Information about this feature will be displayed on the driver instrument panel including a "Battery Danger Detected" message. The vehicle will also activate the horn and the hazard lights.

In the event of a "Battery Danger Detected" notification, DO NOT cut or disable the low voltage system during the thermal runaway mitigation cycle, unless you need to disable the airbags for an occupant extrication.

Passive Power Mode (Hands-Free Start)

Powering Off

When the drive cycle has been completed and the vehicle is shifted to P (Park), the vehicle will turn off when a driver exit is detected. The vehicle can also be turned off by pressing the "Vehicle Off" symbol on the infotainment display.

If the vehicle has not been shifted out of P (Park), it will not turn off based on driver exit detection and will need to be turned off by pressing the "Vehicle Off" symbol OFF or waiting for the automatic shutdown timeout.

If a collision is detected, an additional emergency vehicle off icon will appear on the display and can be pressed to turn the vehicle off.

The high voltage system can remain energized even when the vehicle is in the OFF state.

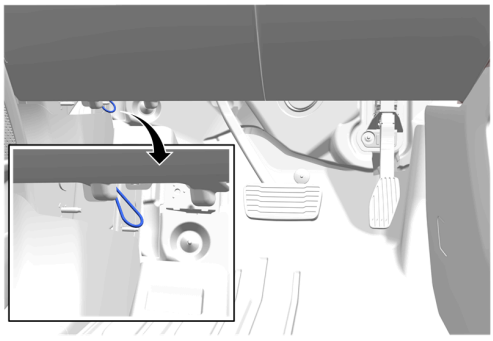
Inside Access to Hood Release



Power Operation

To open the hood, press the button on the instrument panel to the left of the steering wheel once.

To close the hood, press the button and hold until the hood closes.

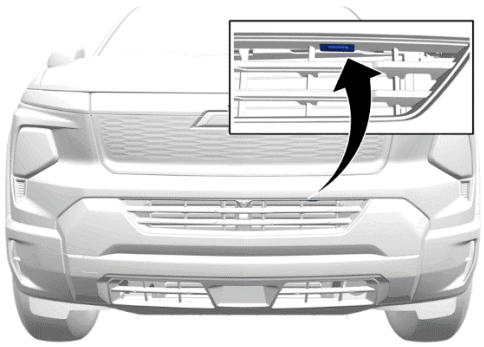


Manual Operation

The Manual Release Cable is located at the outboard side of the driver's footwell.

Firmly pull the hood release cable twice to release the hood. It is on the lower left side of the instrument panel.

Outside Access to Hood Release (If equipped)



Manual Operation

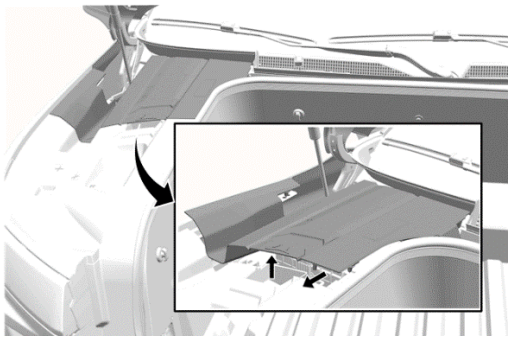
Press and release the touch pad in the grille area. Lift the hood to open.

To close the hood, pull the hood down until it is secured in the latch. When the hood is in the latch, the hood will automatically close.

Power Operation

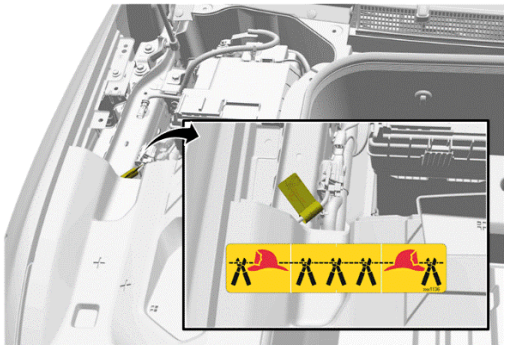
To open or close the hood, press the touch pad in the center of the front fascia once, when the RKE transmitters within 1 m (3 ft).

Low Voltage Cable Access



Front Compartment Sight Shield

Lift the front edge of the battery cover and pull forward to remove.



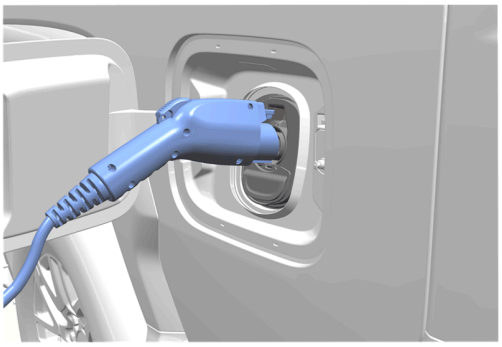
Low Voltage Cable

Double cut the low voltage cable marked by the yellow tape located above the battery on the right side of the forward compartment. Ensure that the cuts are clean and that there is no risk of loose wires touching.

This cut will disable the airbags and high voltage.

DO NOT CUT ANY ORANGE COLORED HIGH VOLTAGE CABLES.

After disabling low voltage power, wait at least 10 seconds to allow any un-deployed airbag reserve energy to dissipate and wait at least 1 minute to allow high voltage energy to discharge.



VEHICLE AT CHARGE STATION:

If able, terminate charging by removing the charge handle from the vehicle. If enabled, the vehicle's anti-theft alarm may activate.

Common charge handle is shown; DC Fast Charge handle is moderately larger and may require additional effort to disconnect.

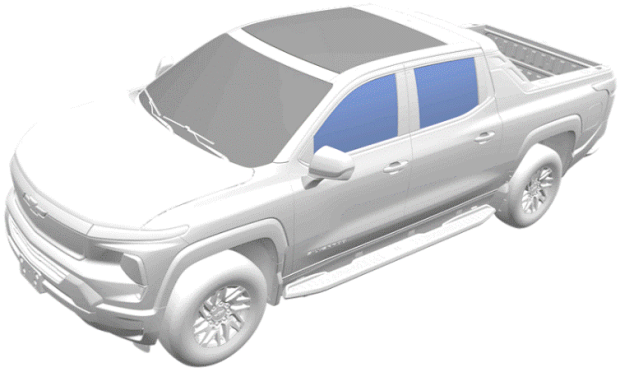
4. Access to the occupants

Refer to the vehicle *Rescue Sheet* for additional illustrations that show the locations of High Strength Structural Components, High Voltage Components, and Safety Components.

Vehicle Glass and Removable Roof Panels

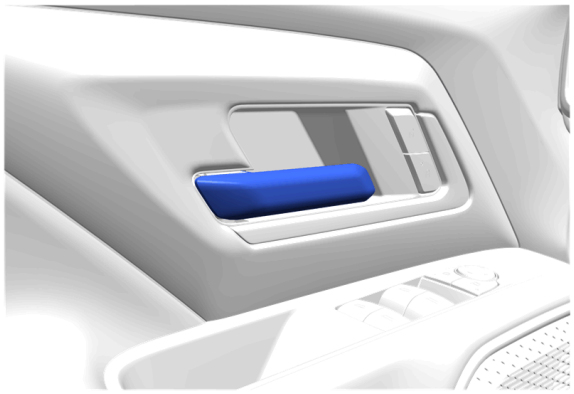
- The windshield and sunroof (if equipped) are made of Laminated Glass

- The door windows and rear window are made of Tempered Glass

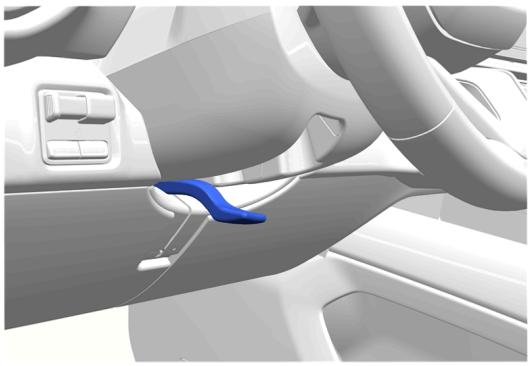


Opening a Locked Side Door

If the doors remain locked, pull **twice** on the inside door handle to gain access to the occupant at each seating location.

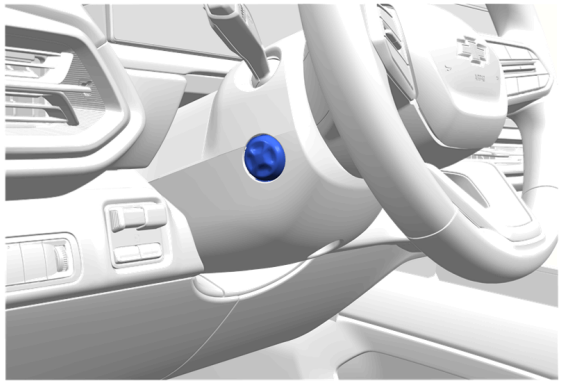


Steering Column Tilt and Telescoping Control - Manual



1. Rotate the lever down to unlock the steering column.
2. The steering column can be moved up/down or in/out.
3. Rotate the lever up to lock the steering column in place.

Steering Column Tilt and Telescoping Control - Power



- Press the control up or down to tilt the steering wheel up or down.
- Press the control rearward or forward to move the steering wheel closer or away from you.

Seat Controls - Manual



The seat switches function the same for the driver and front seat passenger.

Front Switch

- Move the seat forward or rearward by sliding the control forward or rearward.
- Raise or lower the seat by moving the control up or down.

Middle Switch

Rotate the switch forward to raise the seatback and rearward to recline the seatback.

Seat Controls - Power



The seat switches function the same for the driver and front seat passenger.

Front Switch

- Move the seat forward or rearward by sliding the control forward or rearward.
- Raise or lower the seat by moving the control up or down.

Middle Switch

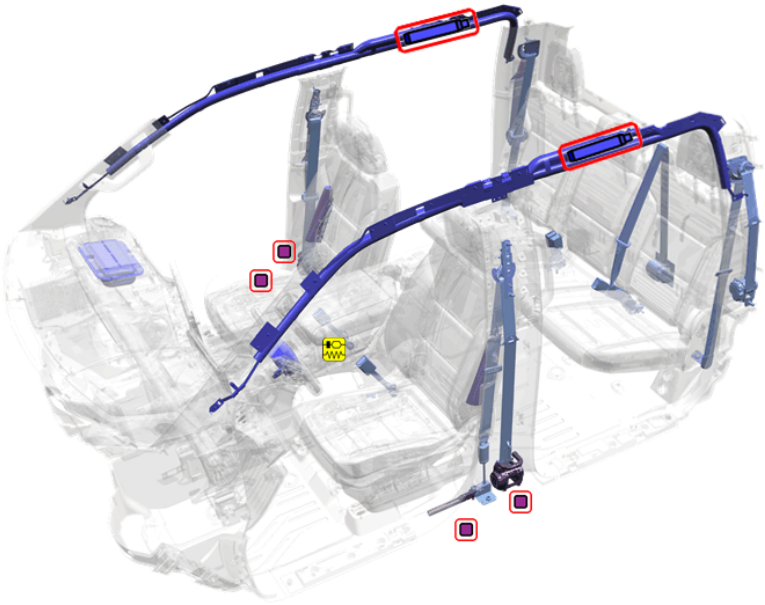
Rotate the switch forward to raise the seatback and rearward to recline the seatback.

Occupant Restraint Systems

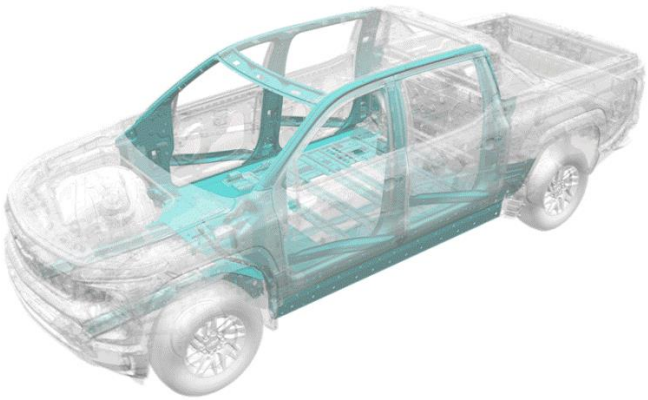
The Silverado EV is equpped with six Airbags:

- Driver
- Front Seat Passenger
- (2) Front Seat Outboard Airbags
- (2) Roof Rail Airbags

There are seat belt restraints for five occupants. The front seat belt system includes belt retractor mounted pre-tensioners.



High Strength Steel Structure





The passenger compartment is protected using high strength steel in the pillars, rocker panels, door reinforcement beams, and floor structure.

As with any occupant extrication, exercise caution. The vehicle's high voltage cables and components may be energized with high voltage. Avoid touching or cutting high voltage cables or components during any rescue operation.

5. Stored energy / liquids / gases / solids	
12V Lead Acid	Low Voltage Lead Acid Chemistry Battery
400V Li-ion	High Voltage Lithium-Ion Chemistry Battery
	High Voltage Warning, potential for electric shock
	Gases emitted from the battery pack are flammable
	Gases emitted from the battery pack are toxic
	Skin contact may cause irritation. Prolonged contact with electrolyte mixture may result in more severe irritation. Flush contaminated skin with plenty of water.
	Coolant leaking inside the battery pack can become unstable and possibly a risk for a fire. Check the battery pack temperature using a thermal imaging camera.

6. In case of fire	
	High Voltage Warning, potential for electric shock
	A battery on fire will not explode
	A battery on fire will not explode. If battery cells reach high enough temperature, they vent and release electrolyte. Battery electrolyte is flammable.
	Gases emitted from the battery pack are toxic
	Skin contact may cause irritation. Prolonged contact with electrolyte mixture may result in more severe irritation. Flush contaminated skin with plenty of water.

	Potential for eye, nose, and throat irritation with prolonged exposure.
	Always wear Self-Contained Breathing Apparatus (SCBA). Use copious amounts of water to cool the battery and to extinguish a fire. Do NOT use an ABC dry chemical extinguisher because it will not extinguish a battery fire.
	Potential for Battery Re-Ignition.

7. In case of submersion

The high voltage battery is isolated from the vehicle chassis. If the vehicle is immersed in water, you will not be electrocuted by touching the vehicle.

After the vehicle was removed from the water, do the following:

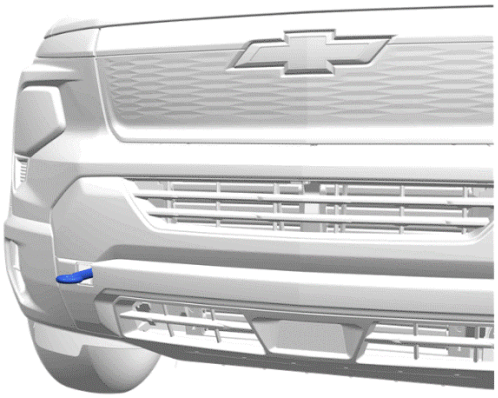
1. Allow the vehicle to dry out.
2. Perform the high voltage disabling procedure in Section 3.

8. Towing / transportation / storage

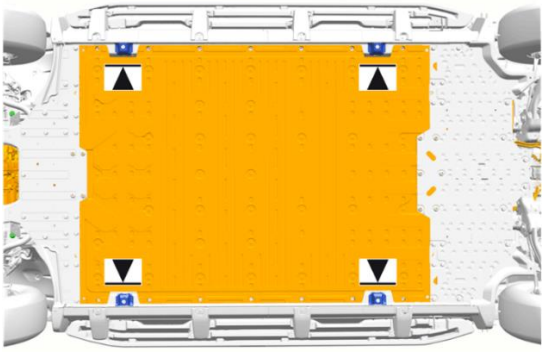
Tow Hooks

Carefully open the cover in the front bumper fascia by using the small notch that conceals the tow eye socket.

Install the tow eye into the socket and turn it until it is fully tightened. When the tow eye is removed, reinstall the cover with the notch in the original position.

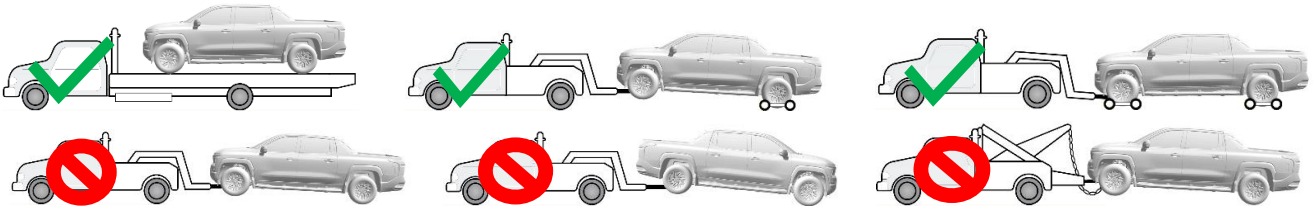


Vehicle Towing and Transportation



The lifting point features should only be used for lifting the vehicle. Do NOT use these features as attachment points to move or tie the vehicle down.

General Motors recommends a flatbed carrier or tow dollies to transport a disabled vehicle.



Moving the vehicle with the drive wheels on the ground will generate unwanted energy. Limit the movement of the vehicle to the distance required to prepare the vehicle for towing.

Post-Crash Vehicle Storage

Store the vehicle a safe distance (15 meters / 50 feet) or separated from other vehicles.



Potential for continued hazards (rekindling/re-gassing/etc) if a damaged vehicle battery is jostled during recovery, including the towing and storage process.



After a "Battery Danger Detected" notification, or thermal runaway mitigation cycle completes, it might be appropriate to wait up to an hour before towing to a certified dealer for vehicle inspection even though evidence of a thermal event such as smoke may not be visible, and unusual odors may not be detected from the vehicle.

9. Important additional information

This vehicle is supported by OnStar, where available.

This vehicle does NOT have a power button. The vehicle will turn off when shifted to P (Park) and a driver exit is detected.

The "Vehicle Off" symbol OFF will appear on the infotainment display and can be used to turn the vehicle off. If a collision is detected, an additional "Emergency Vehicle Off" symbol will appear on the display and can be pressed to turn the vehicle off. Refer to Section 3 for additional details.

10. Explanation of pictograms used

	Electric Vehicle		General warning sign		Warning, Electricity
	Battery Technology		Lifting Points		Thermal Imaging Camera
	Flammable		Toxic		Corrosive
	Injury Risk		Use Water		Front Compartment Release
	Power Button		Cable Cut Location		