INFORMATION FOR FIRST AND SECOND RESPONDERS
EMERGENCY RESPONSE GUIDE

BrightDrop Zevo 400/600
3 Door Panel Van
FWD/AWD

Li-ion

Zevo 400

Zevo 600

Version: 4

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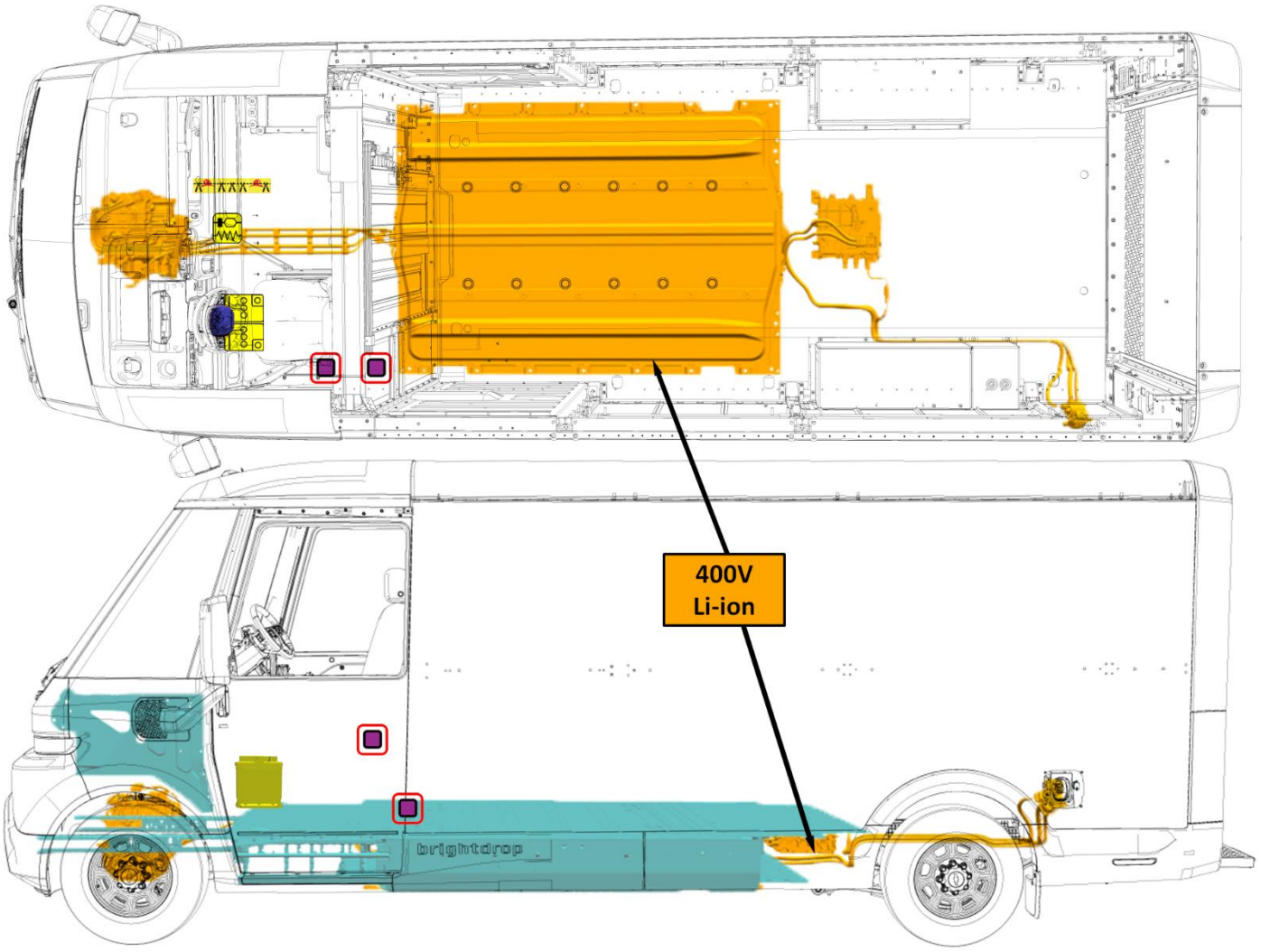
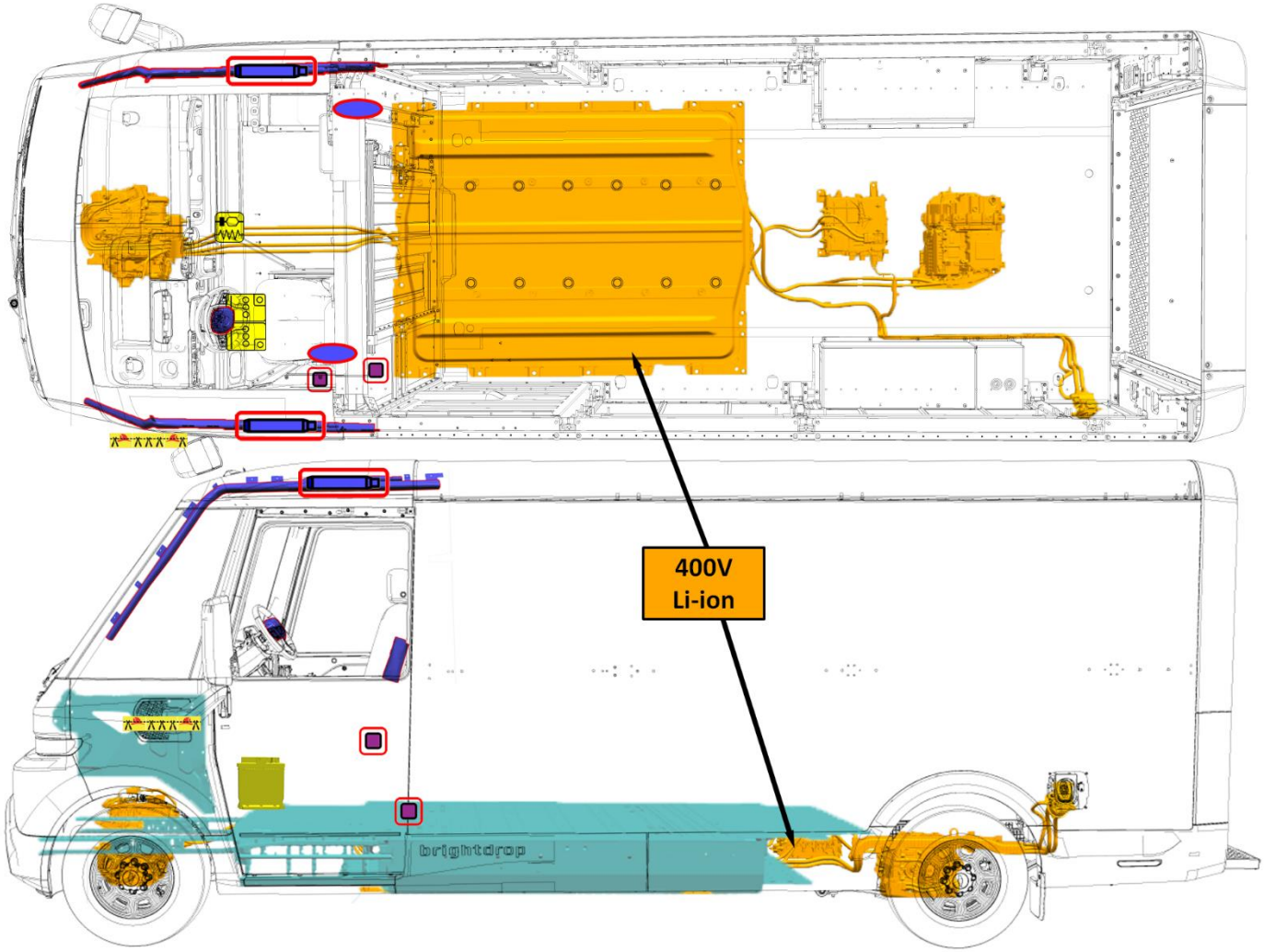
0. Rescue Sheet - Zevo 600 (2022)



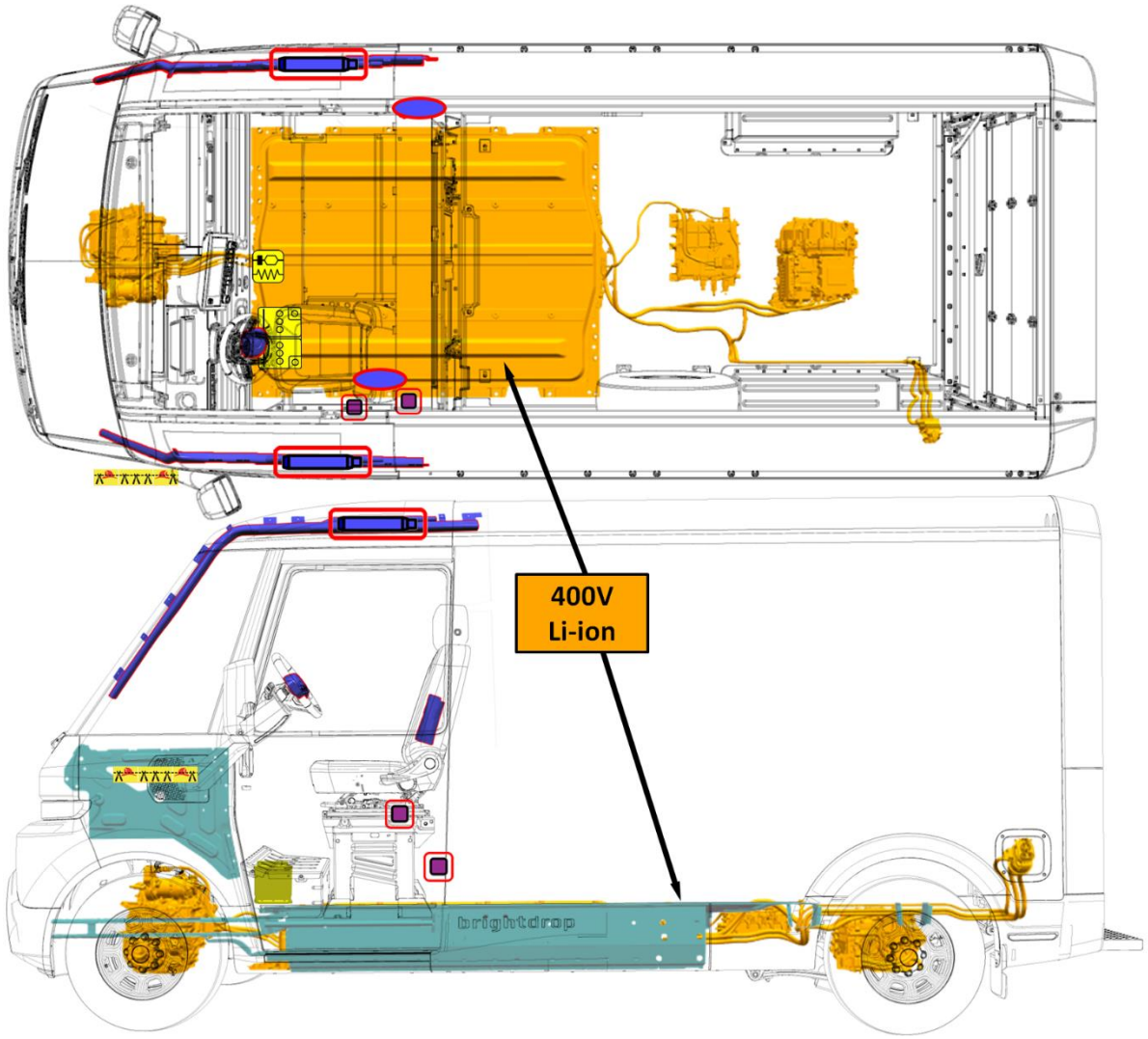
	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		Gas strut/ Preloaded spring
	High strength zone		Battery low voltage		High voltage battery pack		High voltage power cable component		Cable Cut Location

0. Rescue Sheet - Zevo 600 (2023 and Later)



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

0. Rescue Sheet - Zevo 400 (2024 and Later)



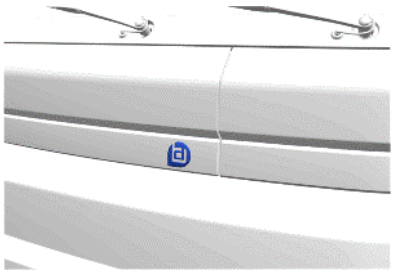
	Airbag		Stored gas inflator		Seat belt pretensioner		SRS control unit		Gas strut/ Preloaded spring
	High strength zone		Battery low voltage		High voltage battery pack		High voltage power cable component		Cable Cut Location

1. Identification / recognition

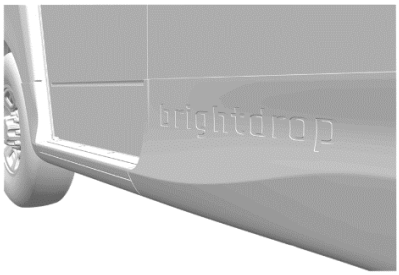
Advise Dispatch and all responders that an electric vehicle is involved.

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

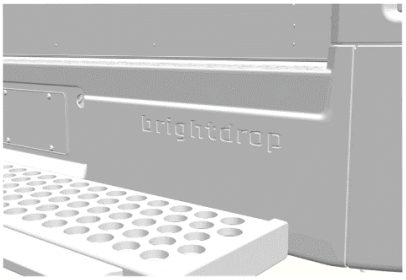
Emblems and Badging



Hood Emblem



Side Badging



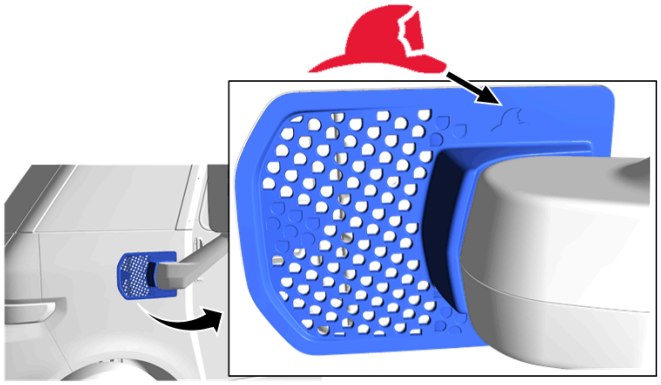
Rear Badging

Visual Identification of Cut Loop Location

With the addition of Roof Rail and Side impact airbags for the 2023 model year, the low voltage cut loop was re-located outside the vehicle.

For 2023 and later models, the cut loop is located behind the outside rearview mirror cover on the left side of the vehicle. A fire helmet icon is molded into the cover.

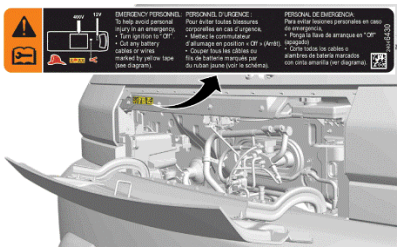
If the cover does not have the fire helmet icon, the vehicle is a 2022 model year vehicle and the low voltage cut loop will be located under the instrument panel.



High Voltage Battery Information

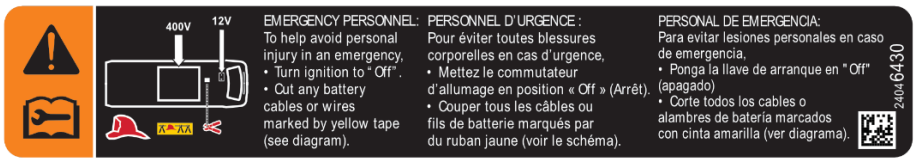
The battery is a High Voltage (Class B) Li-ion pack, that is a mounted under the vehicle and is a structural part of the floor pan.

Battery Warning Label (2022)

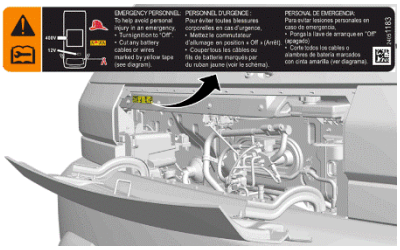


The battery warning label is located on the dash panel upper extension on the right side of the vehicle.

NOTE: The cut loop was re-located outside the vehicle after the 2022 Model Year.

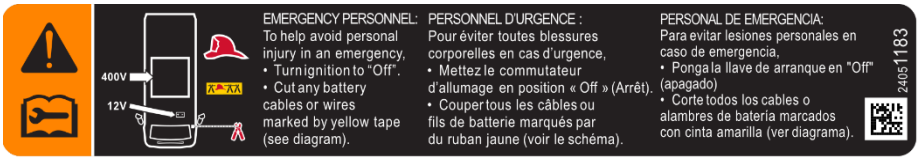


Battery Warning Label (2023 and Later)



The battery warning label is located on the dash panel upper extension on the right side of the vehicle.

NOTE: The cut loop was re-located outside the vehicle after the 2022 Model Year.

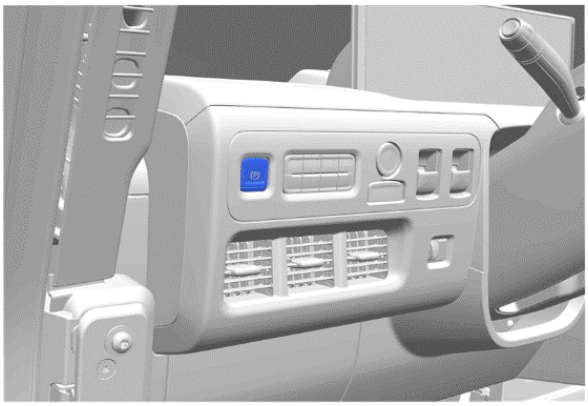


2. Immobilization / stabilization / lifting

IMMOBILIZE VEHICLE

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

Electric Parking Brake (EPB)



Applying the Electric Parking Brake

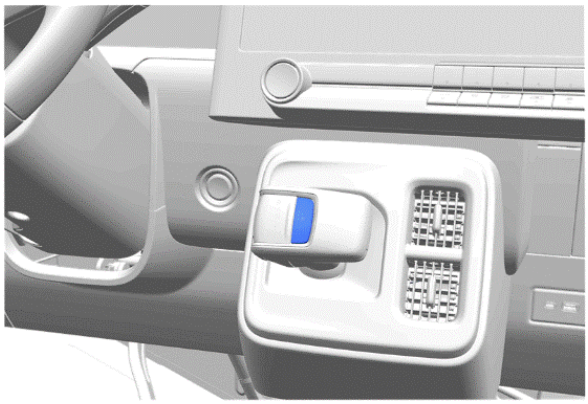
Press the EPB switch momentarily. The red parking brake status light will flash and then stay on once the EPB is fully applied.

Releasing the Electric Parking Brake

1. Turn the ignition on or to ACC/ACCESSORY.
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.

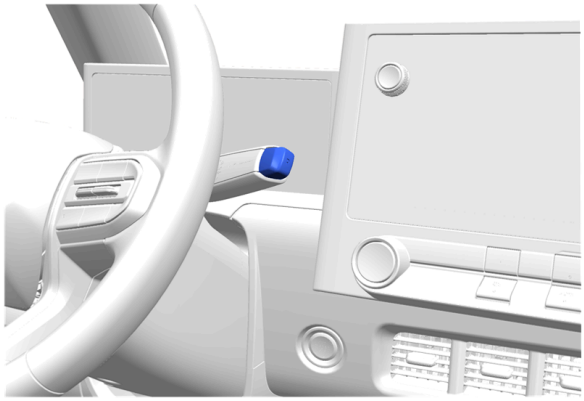
Electric Drive Unit Shift Lever (2022 and 2023)



Shifting into Park

When the vehicle is stopped, press the button on top of the shift lever to shift to P (Park).

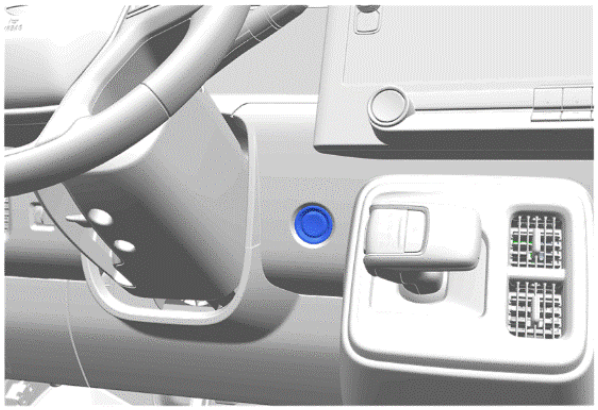
Electric Drive Unit Shift Lever (2024 and Later)



Shifting into Park

When the vehicle is stopped, press the button at the end of the shift lever to shift to P (Park).

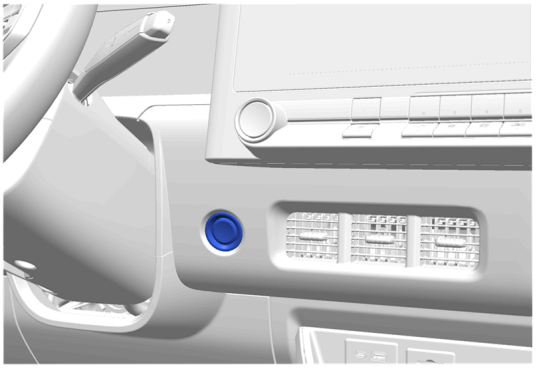
Power Button (2022 and 2023)



To turn the vehicle off, press the button on top of the shift lever to shift to P (Park) and press the POWER button.

Alternatively, press and hold the POWER button. The electric drive unit will shift to P (Park) then shut off automatically.

Power Button (2024 and Later)



To turn the vehicle off, press the button at the end of the shift lever to shift to P (Park) and press the POWER button.

Alternatively, press and hold the POWER button. The electric drive unit will shift to P (Park) then shut off automatically.

Lifting Points – Zevo 600 (2022)

There are features on the body of the vehicle, for use as primary lifting points.

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.

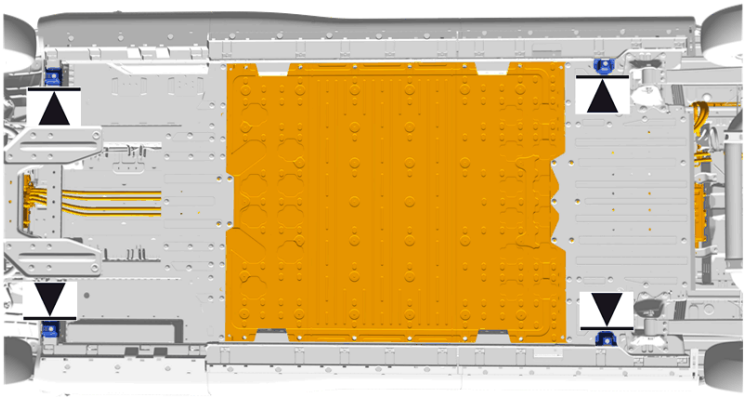
Do NOT lift the vehicle from any locations on the high voltage battery.

Lifting Points – Zevo 600 (2023 and later)

There are features on the body of the vehicle, for use as primary lifting points.

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.

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

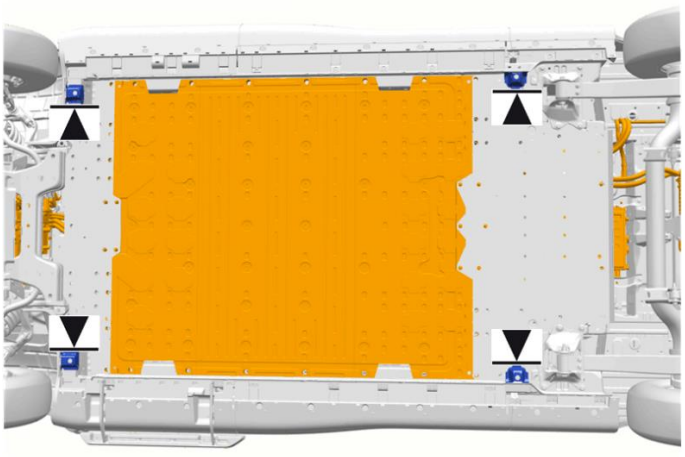


Lifting Points – Zevo 400 (2024 and later)

There are features on the body of the vehicle, for use as primary lifting points.

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.

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



3. Disable direct hazards / safety regulations

Thermal Runaway Mitigation

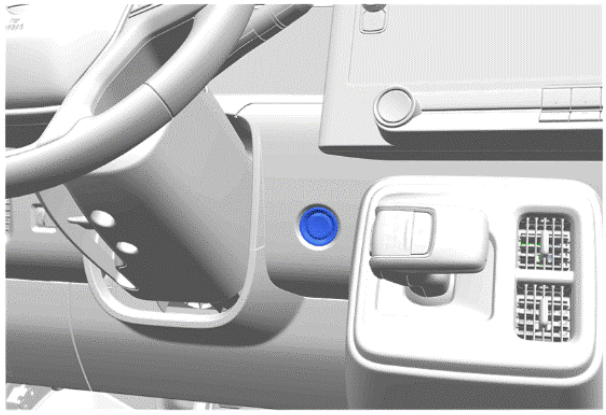
The vehicle is equipped with a battery management system with internal fault detection, including thermal runaway mitigation. In the event of a "**Battery Danger Detected**" notification, **DO NOT cut or disable the low voltage system,** unless you need to disable the airbags for occupant extrication.

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.

Power Button (2022 and 2023)

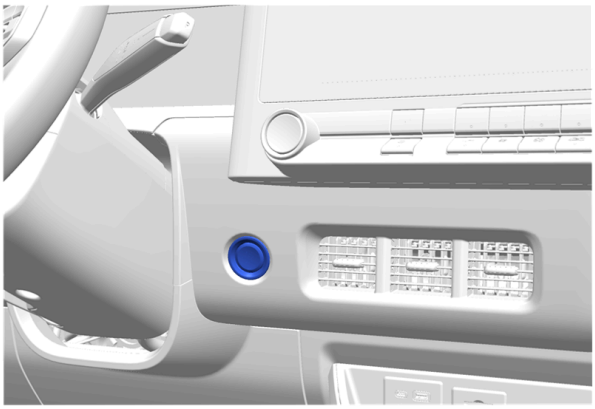


If the vehicle is already in PARK state, press the POWER button to disable vehicle propulsion.

Alternatively, press and hold the POWER button. The electric drive unit will shift to P (Park) then shut off automatically.

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

Power Button (2024 and Later)

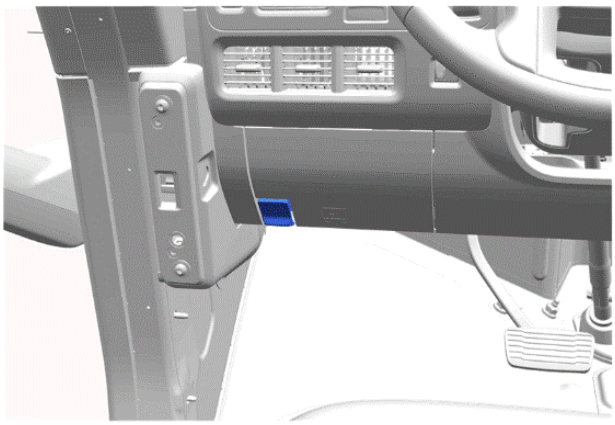


If the vehicle is already in PARK state, press the POWER button to disable vehicle propulsion.

Alternatively, press and hold the POWER button. The electric drive unit will shift to P (Park) then shut off automatically.

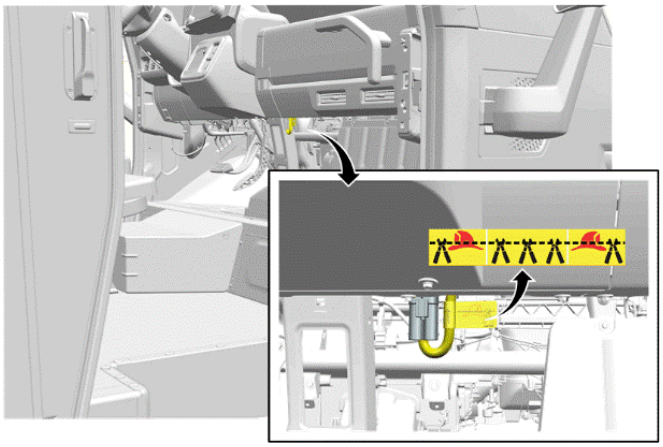
The high voltage system can remain energized even when the vehicle is in the OFF state.

Hood Release



The hood release handle is located at the outboard side of the instrument panel.

In Case of Crash High Voltage Disable Procedure (2022)



Low Voltage Cable Cut Point

From INSIDE the vehicle, double cut the low voltage cable marked by the yellow tape located just below the instrument panel, near the center of the vehicle. Ensure that the cuts are clean and that there is no risk of loose wires touching.

This cut will disable the airbag and high voltage system.

DO NOT CUT ANY ORANGE COLORED HIGH VOLTAGE CABLES.

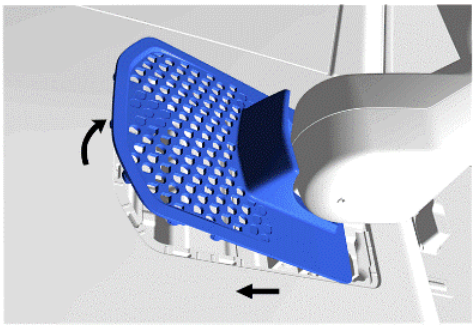
In Case of Crash High Voltage Disable Procedure (2023 and later)

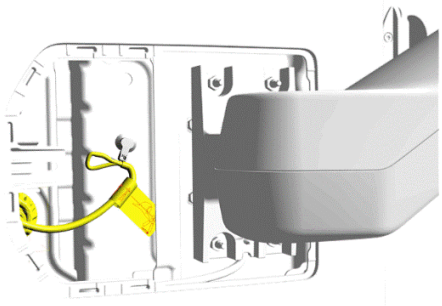
Low Voltage Cable Cut Point

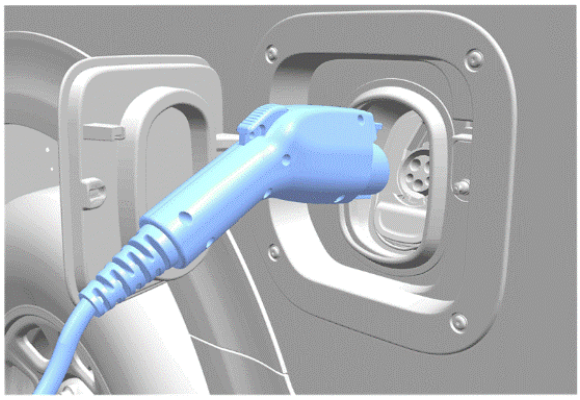
1. Remove the outside rearview mirror cover:
   A. Start at the bottom of the cover and pry out.
   B. Release the tabs at the front and top of the cover.
   C. Slide the cover forward to remove.
2. Double cut the low voltage cable marked by the yellow tape. Ensure that the cuts are clean and that there is no risk of loose wires touching.

This cut will disable the airbag and high voltage.

DO NOT CUT ANY ORANGE COLORED HIGH VOLTAGE CABLES.







VEHICLE AT CHARGE STATION:

If able, terminate charging by removing the charge handle from the vehicle. It may be appropriate to terminate charging at the station, as well.

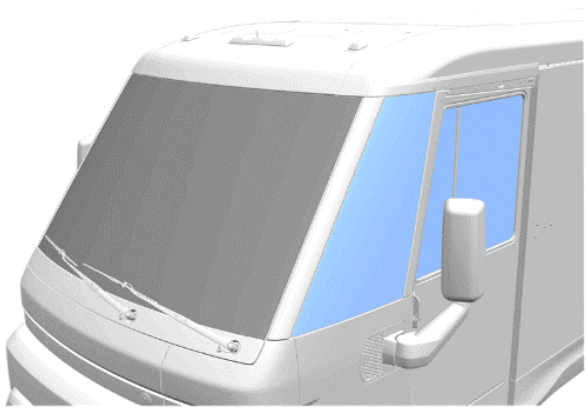
The common charge handle is shown; The DC Fast Charge handle is moderately larger and may require additional effort to disconnect.

4. Access to the occupants

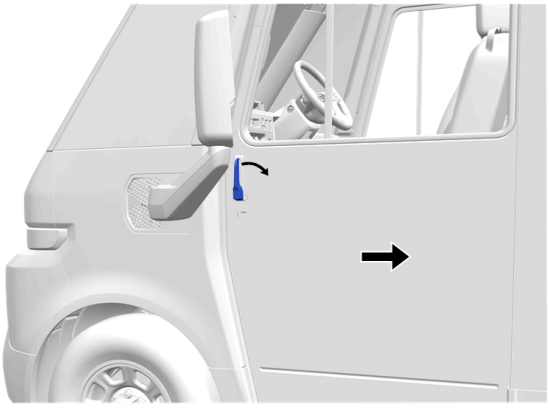
Refer to the vehicle *Rescue Sheet* for illustrations that show the locations of High Strength Structural Components, High Voltage Components, and Safety Components.

Vehicle Glass

- The windshield is made of Laminated Glass
- The front quarter and side pocket door windows are made of Tempered Glass



Passenger Compartment Door Access

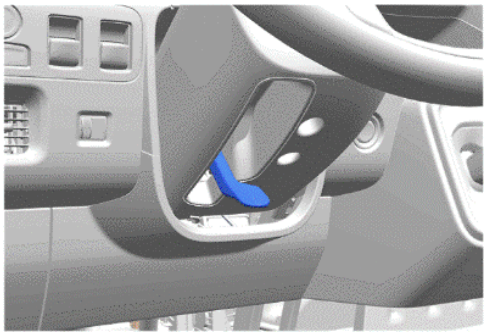


The side access and bulkhead doors are *pocket door* designs. These doors incorporate upper and lower guide tracks.

- The side pocket doors slide from front to rear.
- The bulkhead door slides from right to left and is stored in the bulkhead behind the driver.

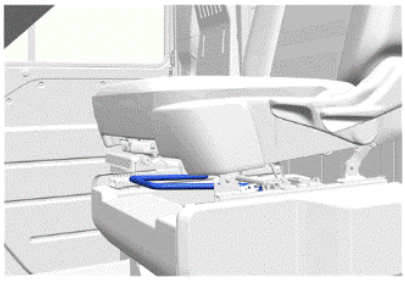
The inside and outside door handles are actuated by rotating the top of the handle from the front to the rear of the vehicle.

Steering Column Adjustment

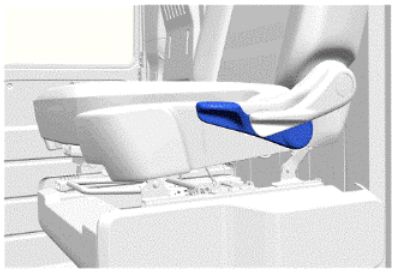


1. Pull (or lower) the lever down.
2. Move the steering wheel up or down.
3. Move the lever up to lock the steering wheel in place.

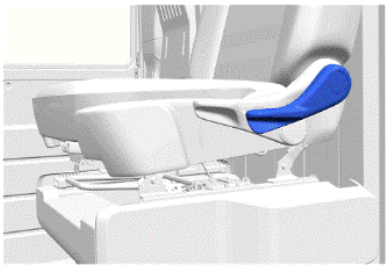
Driver Seat Controls



Fore and Aft Adjuster

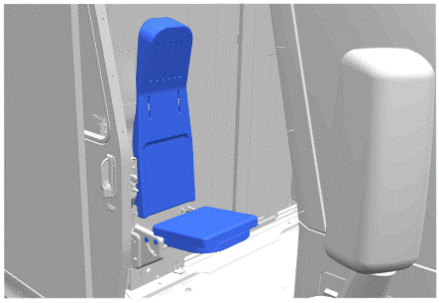


Height Adjuster



Recline Adjuster

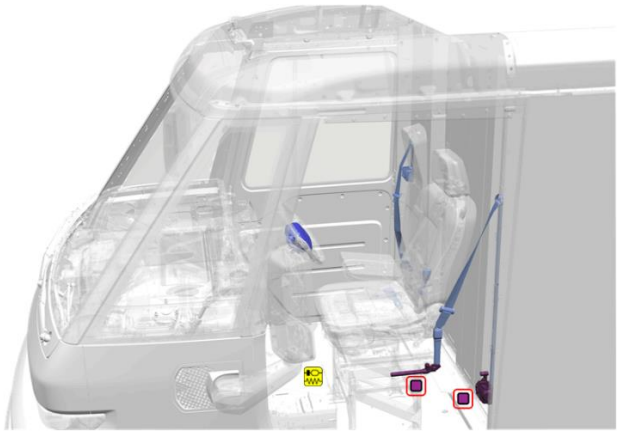
Passenger Jump Seat



Occupant Restraint Systems (2022)

The 2022 Zevo 600 is equipped with a Driver Airbag on the steering wheel.

There are seat belt restraints for two occupants. The driver seat belt system includes two pre-tensioners. One is seat belt retractor-mounted and the other is mounted to the seat belt anchor on the seat riser.

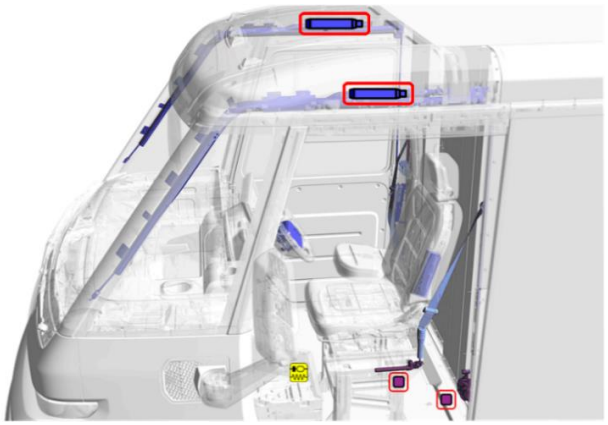


Occupant Restraint Systems (2023 and Later)

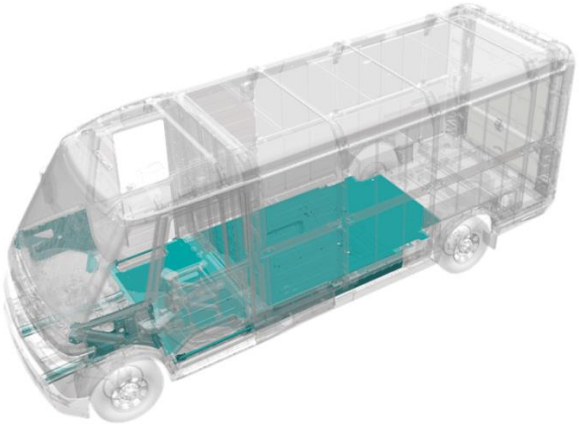
Zevo 600 and Zevo 400 models are equipped with five airbags:

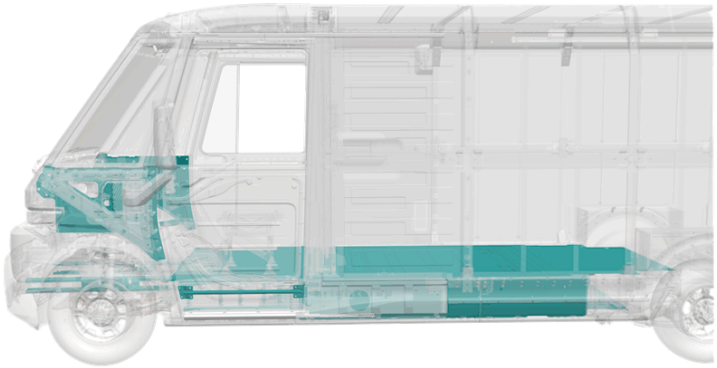
- Steering wheel mounted.
- Driver side impact (seat mounted)
- Passenger side impact (body pillar mounted)
- Driver and Passenger roof rail

There are seat belt restraints for two occupants. The driver seat belt system includes two pre-tensioners. One is seat belt retractor-mounted and the other is mounted to the seat belt anchor on the seat riser.



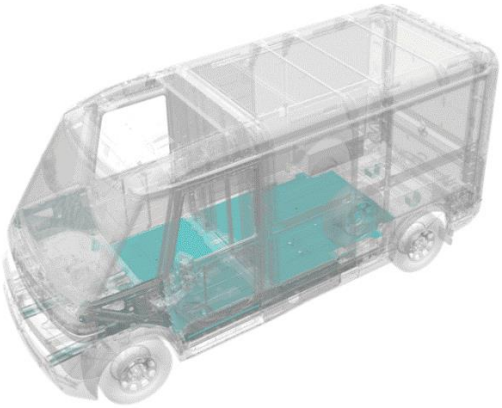
High Strength Steel Structure – Zevo 600

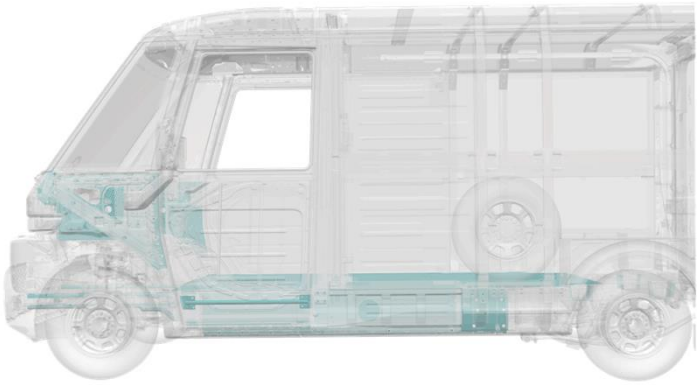




The passenger compartment is protected using high strength steel in the pillars, rocker panels, door reinforcement beams, and floor structure.

High Strength Steel Structure – Zevo 400





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
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.
	Damage to the battery pack can cause instability, 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, there is no risk of electrocution by touching the vehicle.

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

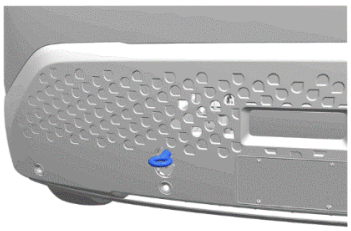
1. Allow the vehicle to dry out.
2. Perform the high voltage disabling procedure in Section 3.

8. Towing / transportation / storage

Tow Hooks

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

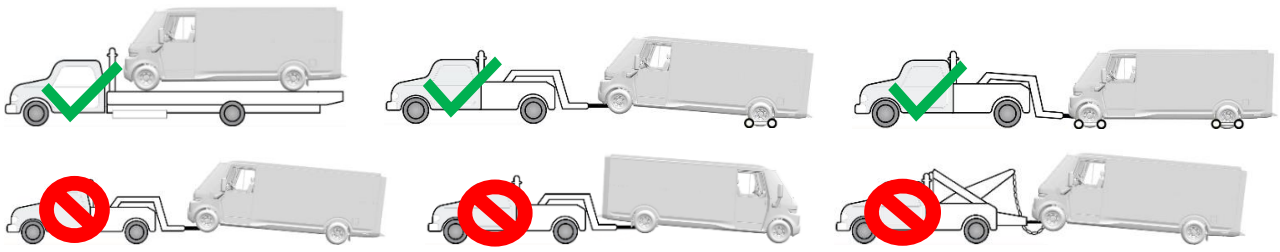
Install the tow eye into the socket and turn it until it is fully tightened. When the tow eye is removed, reinstall the cover with the notch in the original position.



Vehicle Towing and Transportation

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

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.



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/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.

10. Explanation of pictograms used

	Electric Vehicle		General Warning		Warning, Electricity
	Battery Technology		Lifting Points		Thermal Imaging Camera
	Flammable		Toxic		Corrosive
	Injury Risk		Use Water		Front Compartment Release
	High Voltage Disconnect		Cable Cut Location		