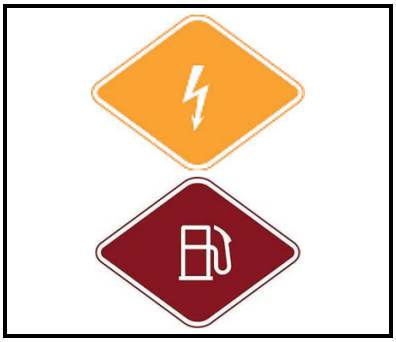
INFORMATION FOR FIRST AND SECOND RESPONDERS

EMERGENCY RESPONSE GUIDE



Chevrolet Corvette E-Ray

2-Door Coupe / Convertible

RWD with Electric FWD Assist

Li-ion

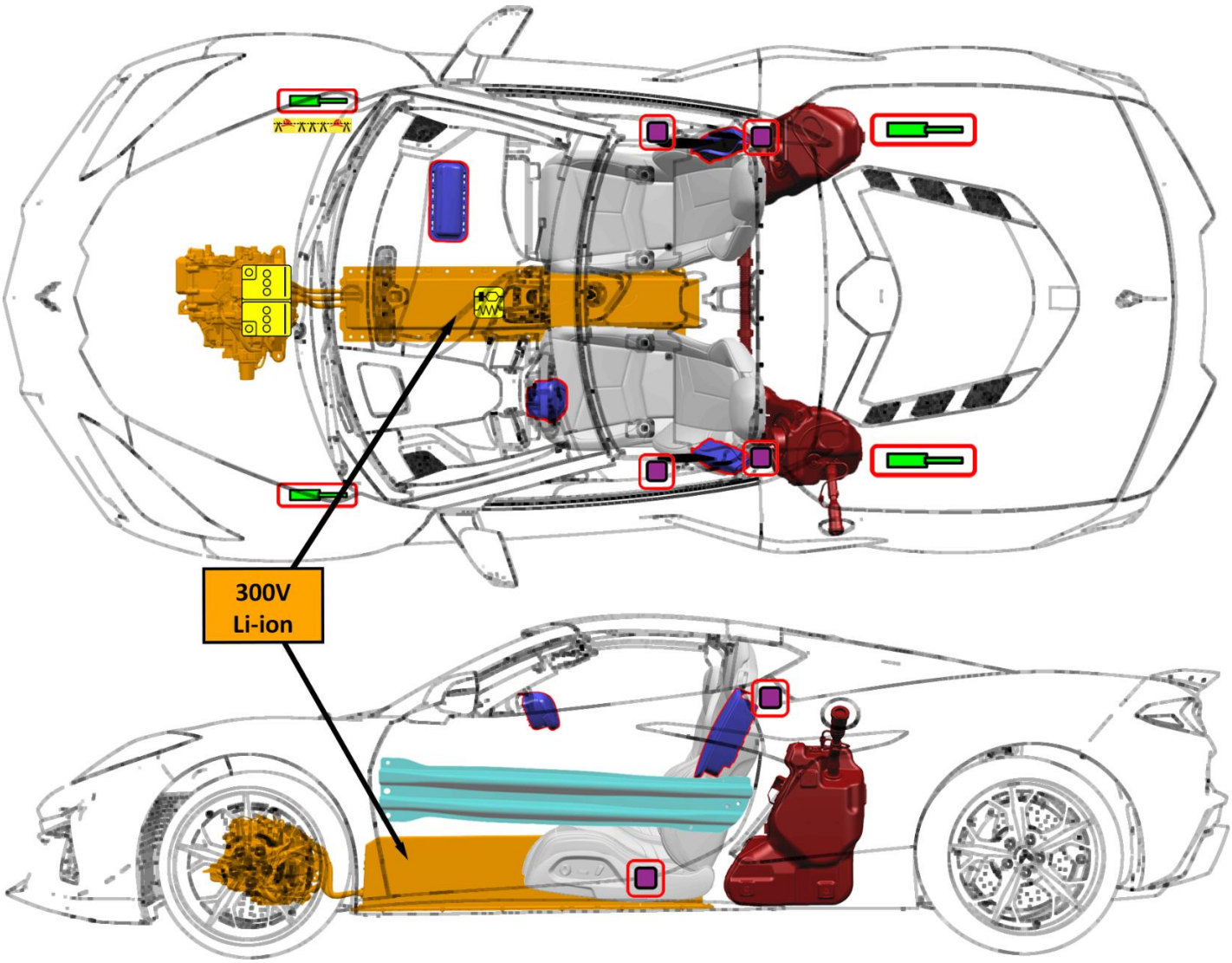
Coupe

Convertible

Version: 2

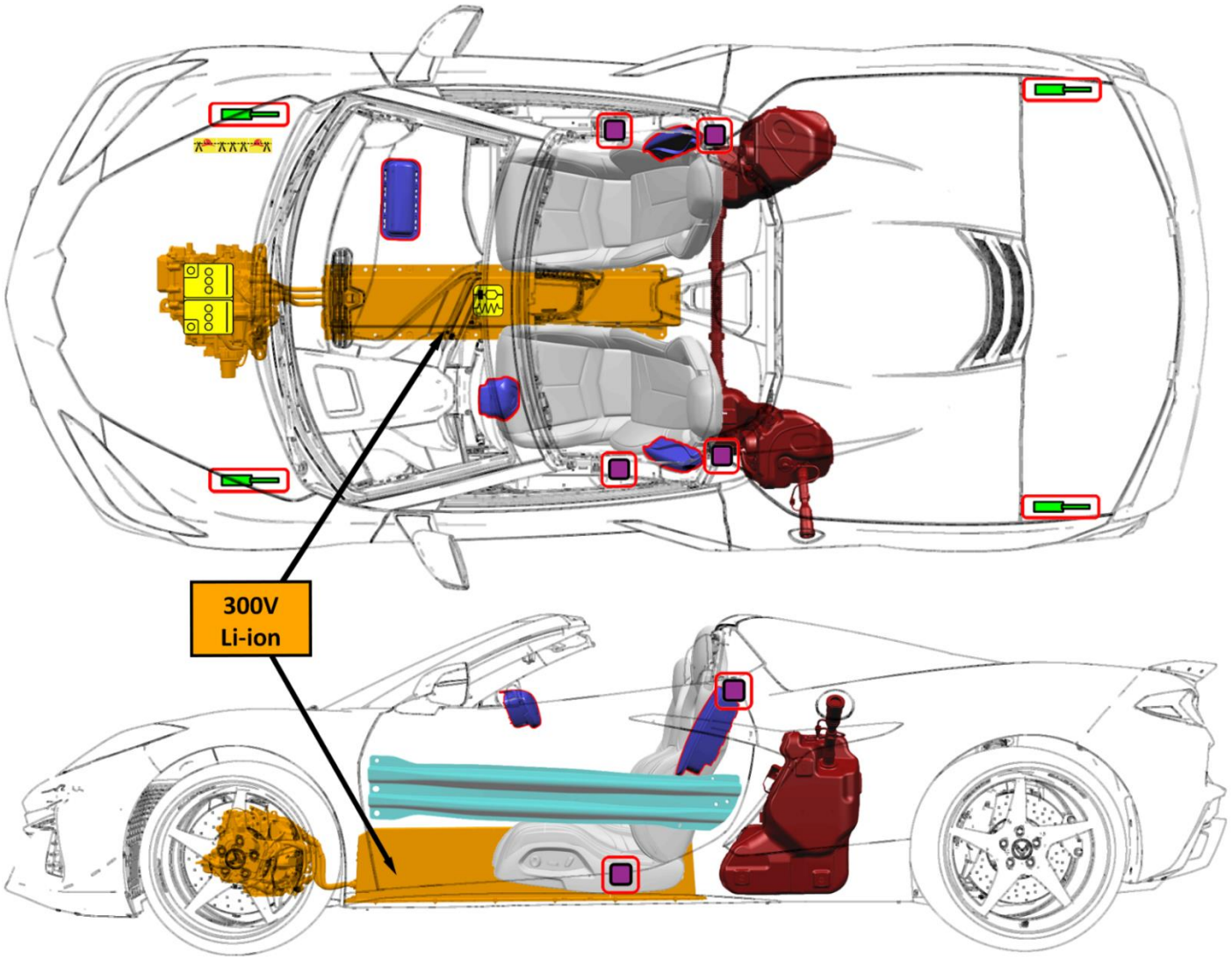
CONTENTS

0. Rescue Sheet - Coupe



	Airbag		Seat belt pretensioner		SRS control unit		Gas strut/ Preloaded spring		High strength zone
	Low voltage Li-ion battery		High voltage Li-ion battery		High voltage power cable component		Cable Cut Location		

0. Rescue Sheet - Convertible



	Airbag		Seat belt pretensioner		SRS control unit		Gas strut/ Preloaded spring		High strength zone
	Low voltage Li-ion battery		High voltage Li-ion battery		High voltage power cable component		Cable Cut Location		

1. Identification / recognition

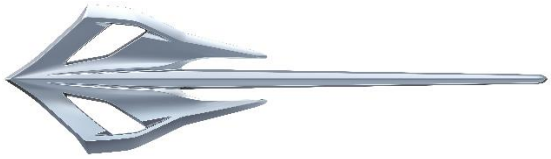
Advise Dispatch and all responders that an electric vehicle is involved.

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

The Corvette Flag emblem appears at the front of the vehicle.

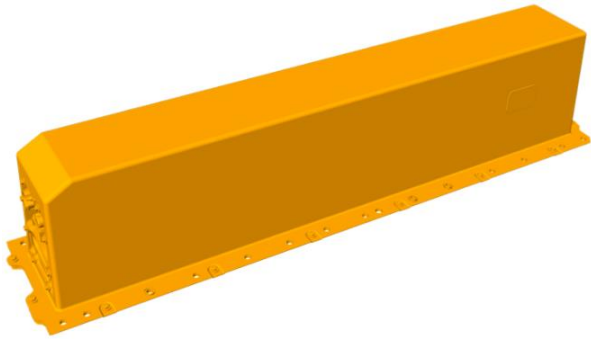
The Corvette emblem is at the rear of the vehicle.



The Stingray logo is at the rear of the vehicle.

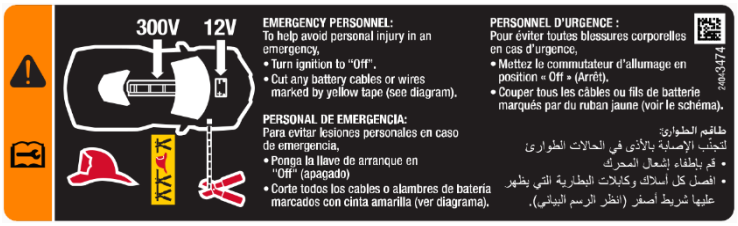
The E-Ray emblem is on the side of the vehicle.

High Voltage Battery Information



The battery is a High Voltage (Class B) Li-ion pack, that is a mounted in the tunnel under the vehicle.

Battery Warning Label

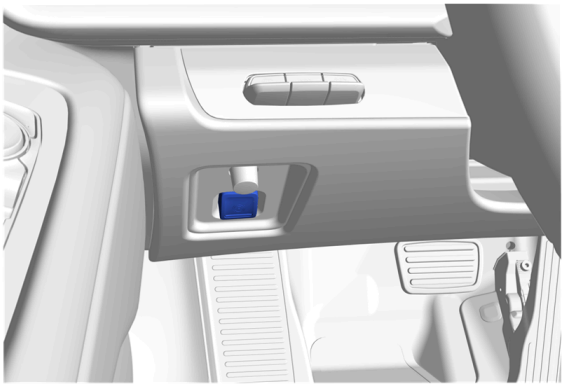


2. Immobilization / stabilization / lifting

IMMOBILIZE VEHICLE

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

Electric Parking Brake (EPB)



Applying the Electric Parking Brake

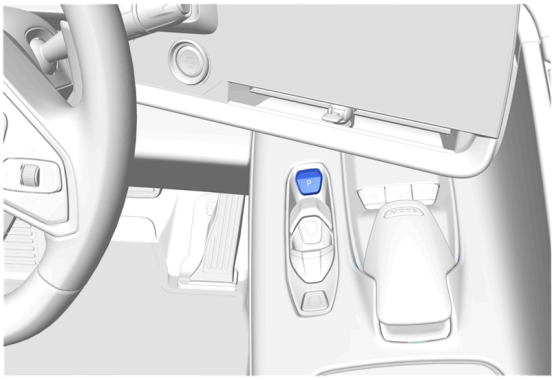
Press the EPB switch momentarily. The red parking brake status light will flash and then stay on once the EPB is fully applied.

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.

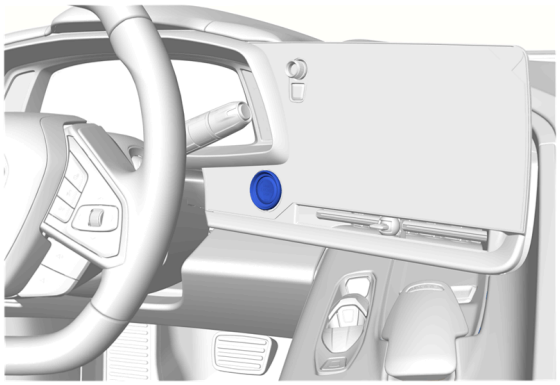
Shift Selector Buttons



Shifting into Park

Press the button at the front of the shift selector to shift to P (Park).

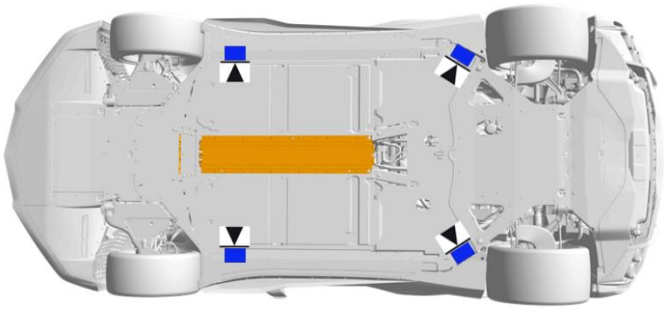
Power Button



With the transmission in P (Park), press the POWER button to disable vehicle propulsion.

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

Lifting Points

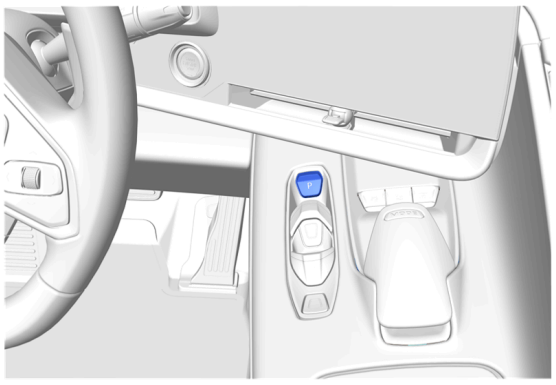


The primary lifting points for this vehicle are located on the frame rails. These locations can be identified by slots in the bottom surface of the frame rail. Lift adapters should be used to prevent vehicle damage.

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

3. Disable direct hazards / safety regulations

Shift Selector Button



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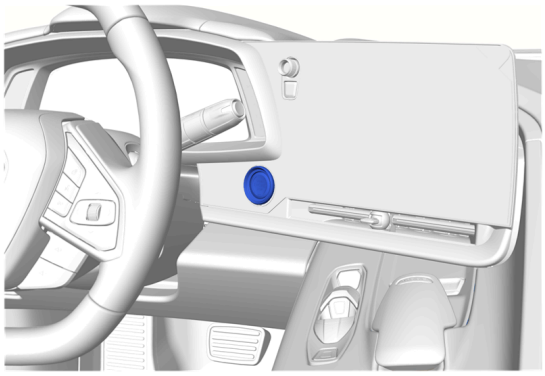

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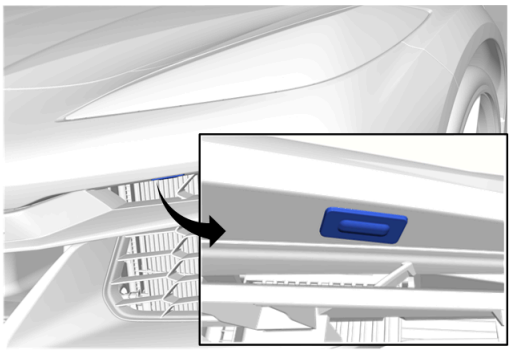
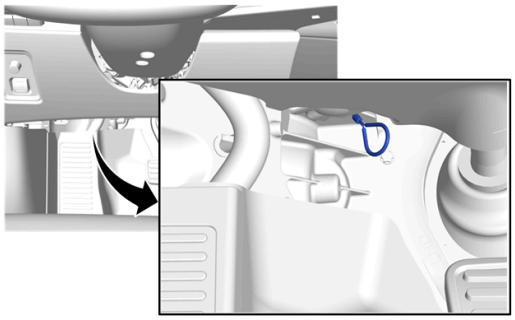
Outside Access to Hood Release



1. Locate the touchpad in the grill opening under the left-hand headlamp.
2. Press the touchpad once to release the hood. The remote key must be within 1 m (3 ft) of the hood.
3. From the front of the vehicle, lift the hood slightly until the gas strut system automatically raises and holds it in the fully open position.

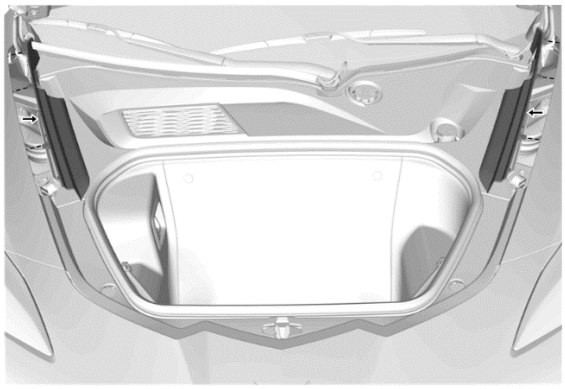
Inside Access to Hood Release

1. With the transmission in P (Park), press the button near the bottom of the driver door to release the hood.
2. From the front of the vehicle, lift the hood slightly until the gas strut system automatically raises and holds it in the fully open position.

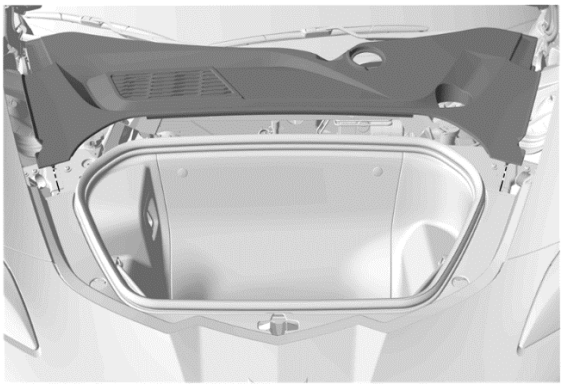


1. Locate the manual release cable loop to the left of the brake pedal.
2. Pull the manual release cable twice to release the hood.
3. From the front of the vehicle, lift the hood slightly until the gas strut system automatically raises and holds it in the fully open position.

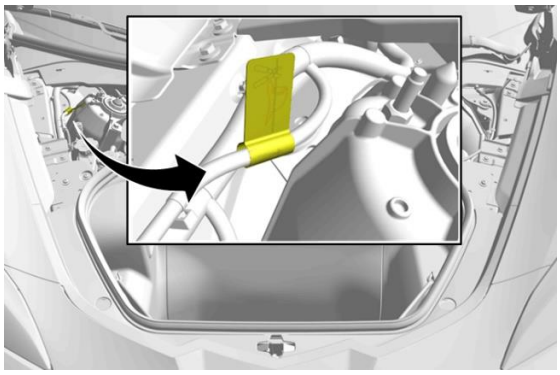
Low Voltage Cable Access



Pull inboard to release the retainers and remove the front compartment side shields. Remove the left and right side shields.



Lift up to release the retainers and remove the front compartment rear access cover.



Low Voltage Cable

Double cut the low voltage cables on both sides of the yellow tape and remove the cut section of cable from the vehicle. 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.

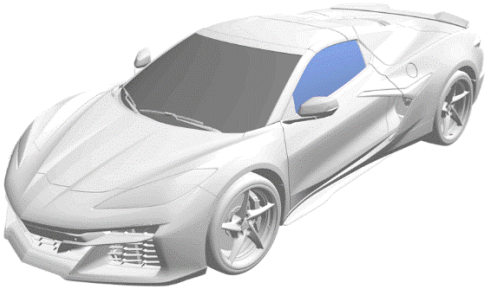
4. Access to the occupants

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

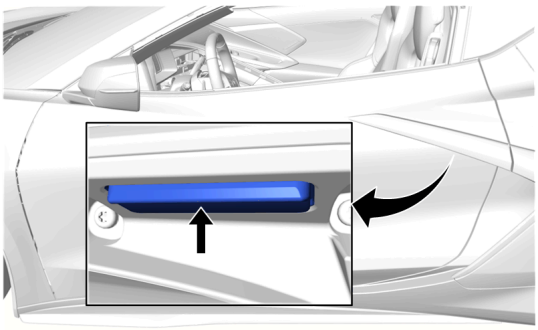
Vehicle Glass

The windshield is made of Laminated Glass.

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

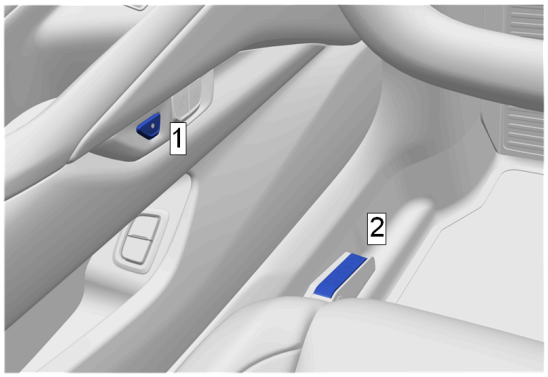


Opening a Door from Outside



Grip and press the door handle touchpad.

Opening a Locked Door from Inside



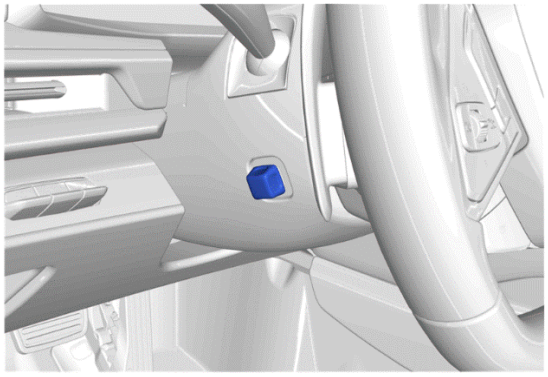
1) Power Release Button

Press the button to release the door latch.

2) Manual Release Lever

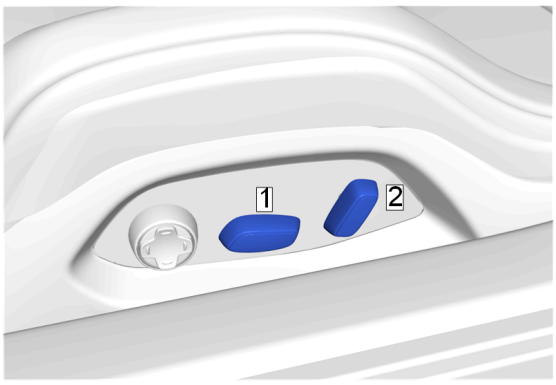
Pull up on the lever to release the door latch.

Steering Column Tilt and Telescoping Control Switch



Press the control to move the tilt and telescoping steering wheel up and down or forward and rearward.

Seat Controls



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

1) Fore/Aft/Up/Down 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.

2) Recliner Switch

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

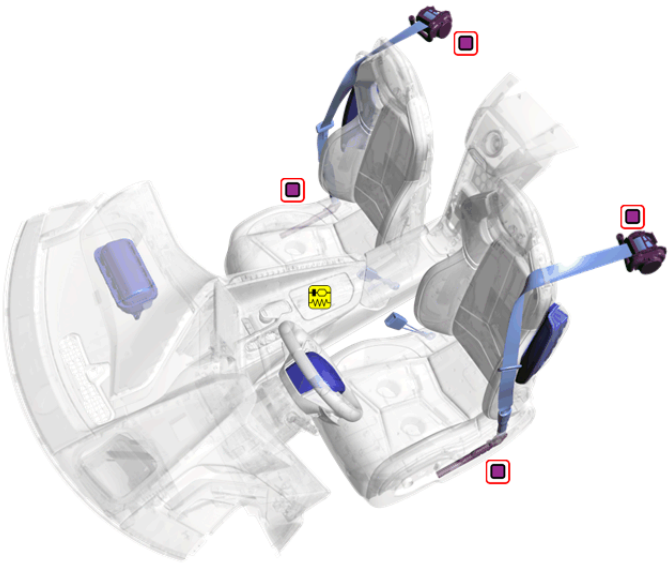
Occupant Restraint Systems

The Corvette E-Ray is equpped with four airbags:

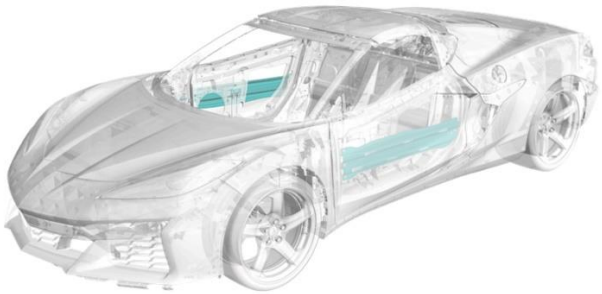
- Driver (Steering Wheel)
- Front Seat Passenger (Instrument Panel)
- (2) Front Seat Outboard Airbags

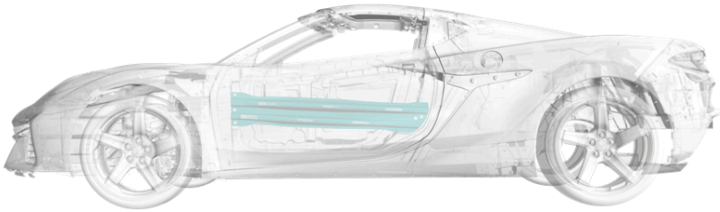
There are seat belt restraints for two occupants.

The seat belt system includes two pre-tensioners on each side. One is seat belt retractor mounted and the other is mounted to the seat belt anchor at the base of the seat.



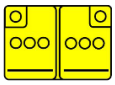
High Strength Steel Structure





The passenger compartment is protected using high strength door reinforcement beams.

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		
	Low Voltage Lithium-Ion Chemistry Battery	12 Volt Li-ion
	High Voltage Lithium-Ion Chemistry Battery	300 Volt Li-ion
	Gasoline	70,0L (18,5 gallons)
	Air Conditioning Components	R-1234yf 0,85kg (1.9 lbs)
	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.
	As depicted, this vehicle has a gasoline fuel tank, as well as a standalone Li-Ion HV battery.

	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. An ABC dry chemical extinguisher 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:

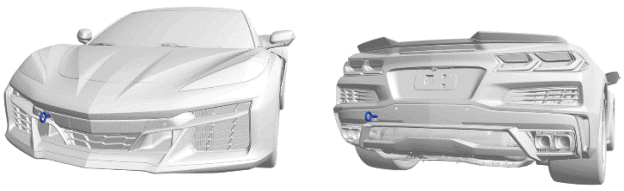
1. Allow the vehicle to dry out.
2. Perform the high voltage disabling procedure in Section 3.

8. Towing / transportation / storage

Tow Hooks

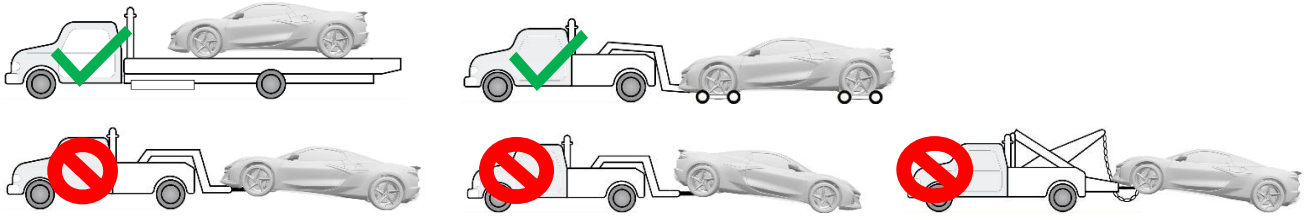
Carefully open the cover in the fascia by using the small notch that conceals the tow eye socket.

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

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.

10. Explanation of pictograms used

	Air Conditioning Component		High Voltage Li-ion Battery		Cable Cut Location
	Corrosive		Disconnect high voltage device		Electric Vehicle
	Explosive		Flammable		Front Compartment Release
	Gasoline		General warning sign		Injury Risk
	Low Voltage Li-ion Battery		Lifting Points		Thermal Imaging Camera
	Toxic		Use Water		Warning, Electricity