INFORMATION FOR FIRST AND SECOND RESPONDERS EMERGENCY RESPONSE GUIDE



Chevrolet Silverado EV 4 Door Pick-up Truck

All Wheel Drive





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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 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

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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 \overline{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





4. Access to the occupants Refer to the vehicle <u>Rescue Sheet</u> for additional illustrations that show the locations of High Strength Structural Components, High Voltage Components, and Safety Components. Vehicle Glass - 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. Rotate the lever up to lock the steering column in 3. 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 handles function the same for the driver and front seat passenger. Front Handle Pull the handle forward and then slide the seat forward or rearward. Side Handle Rotate the handle up to recline or raise 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 | | | |
| <u>A</u> | 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 | |
|--------------------|--|
| 4 | 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 |
| Reg Internet | 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

Front Attachment Points

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. The vehicle is equipped with specific attachment points to be used to pull the vehicle onto a flatbed car carrier from a flat road surface.

Do not use these attachment points to pull the vehicle from snow, mud, sand, or ditch.







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 FF 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 | | | | | | | | |
|------------------------------------|--------------------|--|----------------------|-----------|------------------------------|--|--|--|
| 1 | Electric Vehicle | | General warning sign | 4 | Warning, Electricity | | | |
| Li-ion | Battery Technology | | Lifting Points | | Thermal Imaging Camera | | | |
| | Flammable | | Тохіс | Red Parts | Corrosive | | | |
| | Injury Risk | | Use Water | | Front Compartment Release | | | |
| ***** | Cable Cut Location | | | | | | | |