Li-Ion 400V

TESLA MODEL S
From 2016—2021

Airbag
Stored gas inflator
Seatbelt pretensioner
SRS Control Unit
Pedestrian protection active system

Automatic rollover protection system
Gas strut/pre-loaded spring
High strength zone
Zone requiring special attention

Battery low voltage
Ultra capacitor, low voltage
Fuel tank
Gas tank
Safety valve

High voltage battery pack
High voltage power cable/component
High voltage disconnect
Fuse box disabling high voltage system
Ultra capacitor, high voltage

Cable cut
1. Identification / recognition

**WARNING** LACK OF ENGINE NOISE DOES NOT MEAN VEHICLE IS OFF. SILENT MOVEMENT OR INSTANT RESTART CAPABILITY EXISTS UNTIL VEHICLE IS FULLY SHUT DOWN. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (PPE).

NOTE: The Tesla emblem indicates a fully electric vehicle.
NOTE: The model name is located on the rear of the vehicle.

2. Immobilization / stabilization / lifting

**IMMOBILIZATION**

1. CHOCK WHEELS

2. PUT VEHICLE INTO **P**ARK POSITION

**STABILIZATION/ LIFTING POINTS**

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<tbody>
<tr>
<td>Appropriate lift areas</td>
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<tr>
<td>Safe stabilization points for Model S resting on its side</td>
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</tr>
<tr>
<td>High Voltage (HV) Battery</td>
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3. Disable direct hazards / safety regulations

**ACCESS**

1. Open the hood (see chapter 4).
2. Remove the access panel by pulling it upward to release the clips that hold it in place.

**MAIN DISABLE METHOD**

1. Double cut the first responder loop.
2. Disable the 12V battery.

**WARNING** Not every high voltage component is labeled. Always wear appropriate PPE. Always double cut the first responder loop. Do not attempt to open the High Voltage (HV) battery.
4. Access to the occupants

**WARNING** Electrical and mechanical releases may be compromised after a collision.

**NOTE:** The seats and steering wheel are electrically powered and may not function after a collision.

**NOTE:** After a collision, the doors and liftgate may not unlock from the outside. Extrication may be required. See the Model S Emergency Response Guide for more information.

**NOTE:** The windshield, roof glass, rear liftgate glass on Model S are made of laminated safety glass. The side windows can be either tempered or laminated glass.

<table>
<thead>
<tr>
<th>OPENING DOORS FROM OUTSIDE WITH POWER</th>
<th>OPENING DOORS FROM INSIDE WITH POWER</th>
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<tr>
<td><img src="image1" alt="Diagram" /></td>
<td><img src="image2" alt="Diagram" /></td>
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<tr>
<th>OPENING LIFTGATE FROM OUTSIDE WITH POWER</th>
<th>OPENING DOORS FROM INSIDE WITHOUT POWER</th>
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<td><img src="image3" alt="Diagram" /></td>
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**OPENING THE HOOD**

To open the hood, use one of the following methods:

- Touch the associated OPEN button on the touchscreen.
- Double-click the front trunk button on the key.
- Pull the release cables located in the front wheel arch liners. First, release the cover in the RH front wheel well and pull the strap to release the primary latch. Then, release the cover in the LH front wheel well and pull the strap to release the secondary latch.

5. Stored energy / liquids / gases / solids

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image5" alt="Icon" /></td>
<td><img src="image6" alt="Icon" /></td>
<td>12V</td>
</tr>
<tr>
<td><img src="image7" alt="Icon" /></td>
<td><img src="image8" alt="Icon" /></td>
<td>400V</td>
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</tbody>
</table>

**WARNING** The cells in the HV battery are sealed and there is not enough electrolyte to create a pool of liquid. Clear liquid is likely water. The coolant is blue.
6. In case of fire

- DO NOT SUBMERGE VEHICLE TO EXTINGUISH/COOL BATTERY FIRE
- POSSIBLE BATTERY RE-IGNITION!
- USE COPIOUS AMOUNTS OF WATER
- MONITOR HV BATTERY TEMPERATURE FOR AT LEAST 24 HOURS

7. In case of submersion

Treat a submerged Model S like any other submerged vehicle. Wear appropriate PPE for water rescue. Remove the vehicle from the water and continue with normal high voltage disabling. Vehicles submerged in salt water should be handled with a greater potential risk of an HV battery fire. Tilt the vehicle to back and forth to allow water to drain out and store flat.

8. Towing / transportation / storage

Use a towing truck with flatbed. **NO** towing with running traction wheels.

**WARNING** POSSIBLE BATTERY RE-IGNITION! AFTER A FIRE INCIDENT, STORE OUTSIDE AT A SAFE DISTANCE (50 FT/15 M) FROM OTHER VEHICLES AND STRUCTURES!

9. Important additional information

First Responders and Second Responders with emergencies, call Tesla Roadside Assistance. Refer to https://www.tesla.com/support/roadside-assistance for the applicable hotline number.

First responder information can be found at https://www.tesla.com/firstresponders. First responders and training officers who have questions, contact firstrespondersafety@tesla.com.

Airbags

Knee airbags are only installed in North America and South Korea.

10. Explanation of pictograms

In some working environments, the Infrared (IR) device is referred to as a Thermal Imaging Camera (TIC).