This guide does not apply to the new V3 Supercharger.

This guide is intended only for use by trained and certified rescuers and first responders. It assumes that readers have a comprehensive understanding of how safety systems work and have completed the appropriate training and certification required to safely handle rescue situations. Therefore, this guide provides only the specific information required to understand and safely handle Tesla Supercharger equipment in an emergency situation. It describes how to identify Supercharger equipment, and provides the locations and descriptions of its high voltage components. This guide includes the high voltage disabling procedure and any safety considerations specific to Supercharger equipment. Failure to follow recommended practices or procedures can result in serious injury or death.

Supercharger equipment is constantly evolving, and multiple generations of hardware exist. The images in this guide might not match the equipment you are working on. Any major changes regarding high voltage components across equipment generations will be explicitly outlined in this guide.
SUPERCHARGER EMERGENCY RESPONSE GUIDE

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⚠️ WARNING: Regardless of the disabling procedure you use, ALWAYS ASSUME THAT ALL HIGH VOLTAGE COMPONENTS ARE ENERGIZED! Cutting, crushing or touching high voltage components can result in serious injury or death.
Physical Damage to Electrical Switchgear or Transformer

BE AWARE OF ELECTRIC HAZARDS

- Use extreme caution when approaching the scene of an electrical emergency, especially at night.
- Contact local utility company to disconnect grid power coming into equipment.
- Treat all wires as dangerous and energized at high voltage.
- Do not attempt to move exposed power cables.
- Do not spray water on exposed cables, transformers or other electrical equipment.
- Do not cut into locked cabinets. Cutting tools could make contact with energized equipment inside the cabinet.
- Do not disassemble electrical switchgear or transformer. This may only be done by licensed electricians or trained utility technicians with a proper understanding of the equipment.
- Always use appropriate Personal Protective Equipment (PPE) when handling high voltage equipment.

⚠️ WARNING: Regardless of the disabling procedure you use, ALWAYS ASSUME THAT ALL HIGH VOLTAGE COMPONENTS ARE ENERGIZED! Cutting, crushing or touching high voltage components can result in serious injury or death.
How to Disconnect Power to the Entire Supercharger Site

- Locate electrical switchgear for Supercharger Cabinets, typically inside an enclosure similar to what is pictured below. This enclosure is usually located within 100 feet of the station.

- Enter the locked enclosure. Enclosures are typically locked with padlocks or a locked door handle. The use of bolt-cutters will typically be needed.

- Electrical switchgear enclosures are locked with padlocks and can be removed using bolt-cutters. Switchgear usually consists of two or three separate bays, each with its own door. Switchgear configurations may vary by site.

- To disconnect all power to the site, locate the main feeder breaker located usually in the middle bay of the switchgear. Move the handle of the breaker to the off, downward position. Do not attempt to reset the breaker to disconnect.

- If the main breaker is malfunctioning or inoperable, use the branch breakers to disconnect power to all equipment on site (see next section). If the switchgear is inoperable and appears to have major damage, contact the utility company to disconnect power from the grid.

- Do NOT attempt to disconnect power via the Tesla Supercharger Cabinets themselves (pictured below). Disconnecting power to the Supercharger Cabinets should always be done via the branch breakers in the switchgear, as described in the next section.

⚠️ WARNING: Regardless of the disabling procedure you use, ALWAYS ASSUME THAT ALL HIGH VOLTAGE COMPONENTS ARE ENERGIZED! Cutting, crushing or touching high voltage components can result in serious injury or death.
WARNING: Regardless of the disabling procedure you use, ALWAYS ASSUME THAT ALL HIGH VOLTAGE COMPONENTS ARE ENERGIZED! Cutting, crushing or touching high voltage components can result in serious injury or death.
How to Disconnect Power to a Single Supercharger Cabinet

- Locate electrical switchgear for Supercharger Cabinets, typically inside an enclosure similar to what is pictured below. This enclosure is usually located within 100 feet of the station.

- Enter the locked enclosure. Enclosures are typically locked with padlocks or a locked door handle. The use of bolt-cutters will typically be needed.

- Electrical switchgear enclosures are locked with padlocks and can be removed using bolt-cutters. Switchgear usually consists of two or three separate bays, each with its own door. Switchgear configurations may vary by site.

- To disconnect power to a specific Supercharger Cabinet, locate the bay of the switchgear that contains the branch circuit breakers for each Supercharger Cabinet. Branch breakers are labeled with corresponding Supercharger Cabinets that are connected to them. Supercharger Cabinets are labeled in a similar manner.

- Switch the breaker handle to the OFF position. Do not attempt to reset the breaker to disconnect.

- This will disconnect all power to the specific Supercharger Cabinet, as well as its corresponding Supercharger posts.

- If both the main breaker and branch breakers are inoperable or have major damage, contact the utility company to disconnect power from the grid.

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General Site Layout

- A typical site layout is shown below.
- No two sites are identical, but the enclosure usually contains the switchgear and the Supercharger cabinets.
- The enclosure in most cases is located as close as possible to the Supercharger Posts.

WARNING: Regardless of the disabling procedure you use, ALWAYS ASSUME THAT ALL HIGH VOLTAGE COMPONENTS ARE ENERGIZED! Cutting, crushing or touching high voltage components can result in serious injury or death.
**Firefighting**

Extinguish small fires that do not involve a high voltage battery, using a CO₂ or ABC extinguisher.

During overhaul, do not make contact with any high voltage component. Always use insulated tools for overhaul.

**High Voltage Labels**

Labels associated with high voltage equipment are shown below. These are examples only. Depending on the region, these labels may be translated into other languages.