

High-Voltage Handling And Storage Considerations: Mazda



Mazda has information about the storage and handling of HV systems when performing repairs. Some of this information may be found in the following documents in vehicle-specific service information under: Workshop Manuals – General Information – General Information

High-voltage (HV) vehicles have some special considerations for handling and storing HV batteries and other components. The dangers of HV batteries are potential even after removal which is why certain precautions are needed. Let's see what Mazda has to say.

- **Damaged Vehicle Handling**

- **Service Cautions**

- **High Voltage Service Cautions**

These documents provide information on personal protection equipment (PPE), special tools, HV placards, and other considerations for handling HV parts.

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HV battery handling and disposal manuals are available on mazdaserviceinfo.com without a subscription. A link to these is on the left side of the mazdaserviceinfo.com webpage. These manuals are designed for dismantlers but include useful vehicle-specific HV battery handling information.

When performing repairs on HV vehicles, all precautions and training requirements, including the use of placards and PPE, must be observed. Make sure to utilize vehicle-specific Mazda service information prior to beginning any repairs.

The vehicle-specific service information under:
Workshop Manuals – EV Systems – High Voltage System
– e-Skyactive PHEV Service Precautions recommends
insulating terminals with insulating tape, HV battery
storage conditions, and other precautions.

Mazda also includes important notes in the removal
and installation procedures of HV parts. For example,
the 2024 CX-90 PHEV High Voltage Battery
Removal/Installation procedure includes information for:

- Making a wooden cross-beam pallet
- HV battery removal from or storing in a container consideration

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