



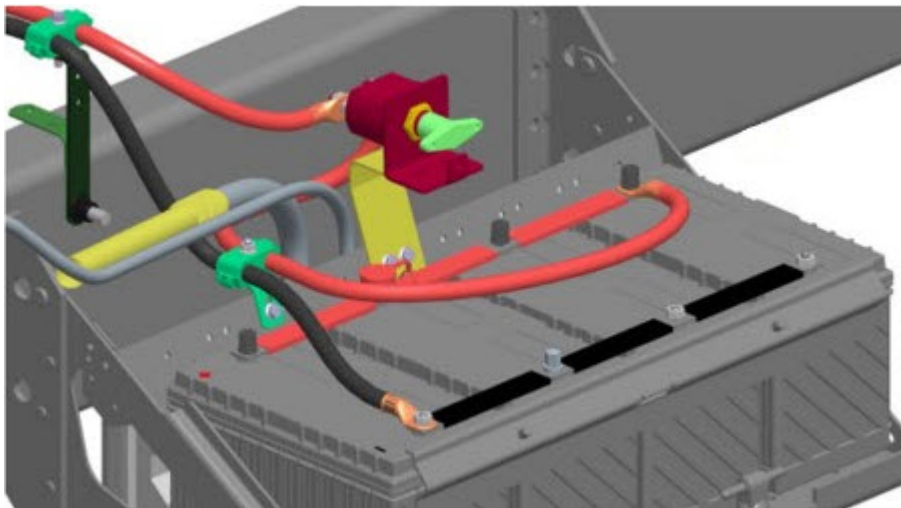
Mack Battery Electric Vehicle (BEV) - Electric Chassis Switch Functionality: Differences Between BEV And Diesel Vehicles



The functionality of the chassis switch differs between the diesel engine and the Battery Electric Vehicle (BEV). See the detailed descriptions below.

Diesel Vehicle

- On the diesel vehicle the switch disconnects all power to the vehicle, so when parking or storing the vehicle, it is recommended this switch be turned off.
- When this switch is turned off there is low power consumption, which allows the 12V batteries to remain charged.



Battery Electric Vehicle

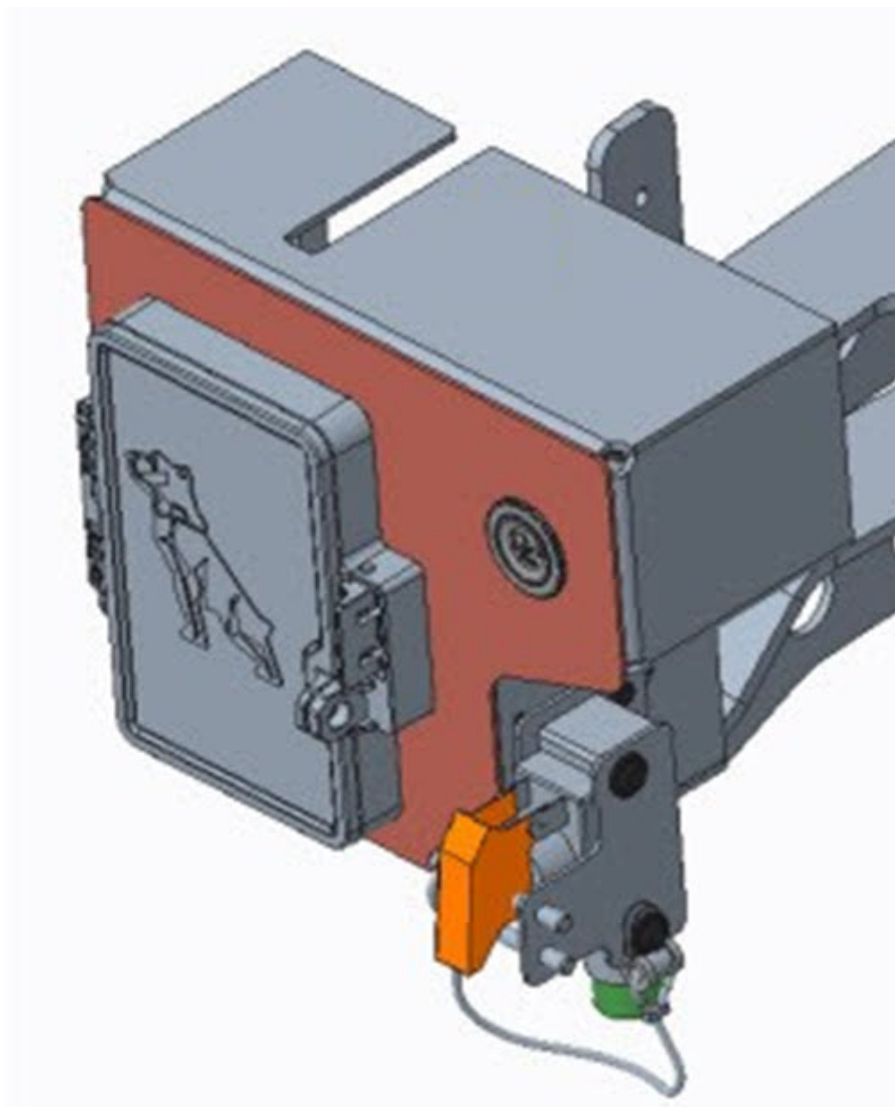
Understanding how it works:

- The ATVSA (Automatic Traction Voltage System Activation) uses the 600V system to keep the 24/12V system charged.
- The ATVSA (Automatic Traction Voltage System Activation) awakes every 2 hours to check voltages and temperatures. (21/12v batteries are

Live UI d at this time)

On a BEV, the switch only disconnects the 600V system, leaving the 24/12V system powered on. If an electric vehicle is parked with this switch off, the 24/12V batteries will eventually drain over time.

The [owner's manual](#), as well as the body builder manual, have specific parking instructions for a BEV depending on the length of time the vehicle will be parked. These instructions detail whether the chassis switch should be left on or turned off.



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