EMERGENCY RESPONSE

BYD K9M Series Electric Bus

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This Quick Reference Card covers emergency vehicle shutdown information for the BYD K Series Electric Bus. This vehicle is all electric and operates off stored battery power. The voltage can range from 393v DC to 693v DC. Extreme caution should be used when attempting to disrupt current flow. All High Voltage cabling is identified with an orange cable covering. Do not attempt to cut through this cabling for any reason.

If all actions outlined in this Quick Reference Card are followed in order, Personal Protection Equipment (PPE) is not required to perform any of the tasks. However, every emergency situation should be approached with caution and common sense to avoid injury. Flash hazards are eliminated when removing amp draw and opening battery contactors by turning off master switch.

Set Brake

1

Pull up on the yellow park brake knob.

-or-

Press the power button.

To set the parking brake. The parking brake knob can be accessed from outside the bus. From the driver's side window, slide open window and reach hand into driver's side area to access the **yellow knob and pull up** or **press the power button**.

Power Down

The BYD K Series Electric Bus is also equipped with an emergency spring brake release. This green knob is used in the event that the primary and secondary air is depleted. This valve is held down to release the spring brake to allow the bus to roll for short distances.

After the parking brake is set, **press and hold down the power button** for more than 3 seconds. This will shutdown all low voltage, open all the high voltage contactors and isolate all the high voltage battery packs.

Battery Disconnect

The battery disconnect switch is located outside and **below the drivers side window** (street side).

The battery disconnect switch controls both high and low voltage. When the battery disconnect is turned to the OFF position, High Voltage is isolated to each battery pack.

To disconnect the battery, turn the battery disconnect switch **counterclockwise**.

High Voltage Battery Disconnect

Removing the high voltage maintenance plug disrupts current flow.

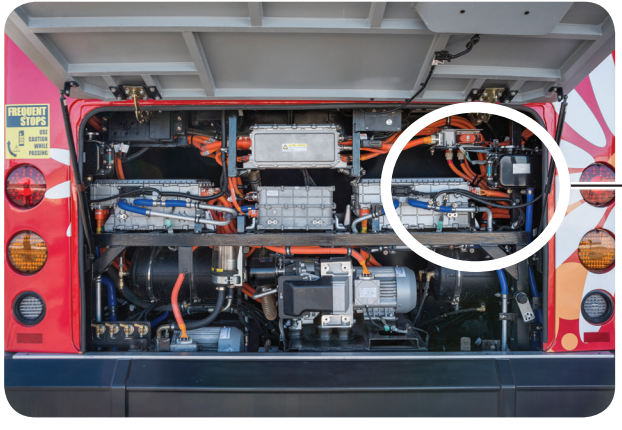
De-energize and isolate the high voltage system anytime the high voltage batteries or orange cabling are suspected of damage.

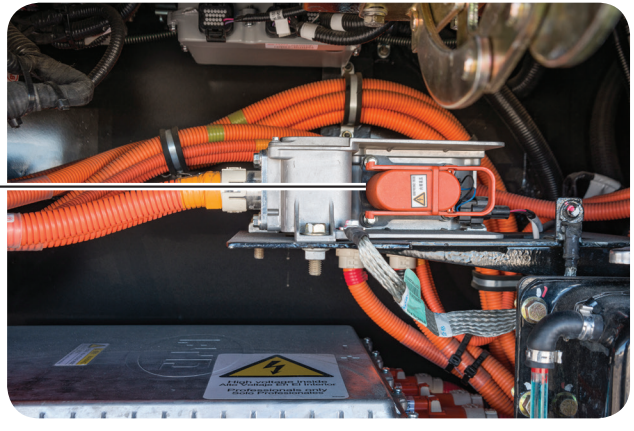
To disconnect the high voltage battery, first pull out the high voltage maintenance plug handle. Then, after waiting 5 seconds, remove the high voltage maintenance plug.

⚠ WARNING

EXCEPT for EMERGENCIES

Never disconnect the high voltage maintenance plug without first disabling low voltage.





Front Door Air Release

To release air to the front doors, **turn the emergency air release valve**, located to the left of the driver's side area, **counterclockwise.**

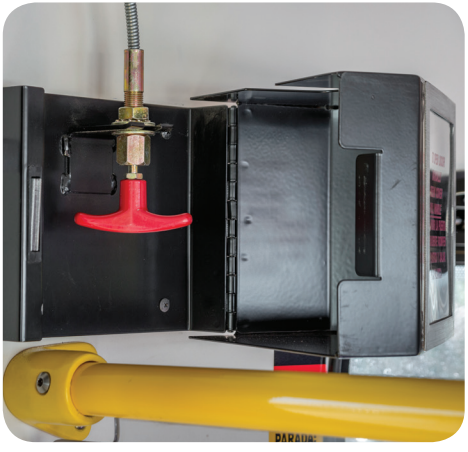
NOTICE

The **front door emergency release** handle can be accessed from outside the bus. From the driver's side window, slide open window and reach hand into driver's side area to access the handle and **turn counterclockwise.**

NOTICE

A **second air release** for the front door is located above the front passenger door area and behind a frangible glass panel. Lift panel to access valve and **rotate clockwise.**

Rear Door Air Release



The **third emergency air release** valve is for the rear doors and is located in the rear passenger door area.

Either **open or break cover** and **pull red handle down** to release air and open doors manually.

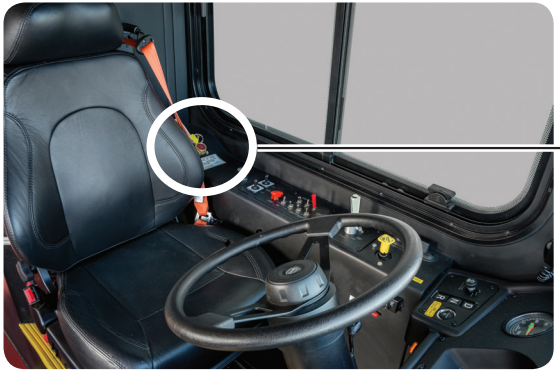
Emergency Exits

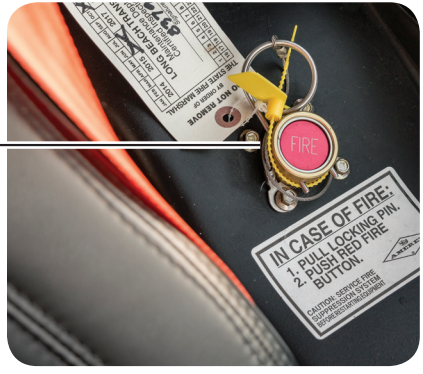
Emergency exit windows are identified by **red release handles** and instructions. To release the windows from the inside, simply pull the **red handles down** and **hold**. Once the window is released, push window out at bottom until window swings out and away from the bus.

Emergency roof hatch exits are located on the ceiling throughout the bus. A **red knob** and instructions will appear on each hatch. Turn the **red handle** to the **EXIT** position and then **push open** the hatch.

Fire Suppression

In the unlikely scenario of a thermal event, the fire suppression system is automatically triggered from thermal sensors mounted in the battery areas. The nozzles will spray fire repelling agent only on or in the battery pack areas. The fire suppression system can also be manually discharged from the driver's area by pulling the fire suppression locking pin and pressing down on the **red FIRE button**.





Jacking Points

Jacking points are located **behind both axles**.

The K Series Electric Bus has four (4) square jacking pads welded to the frame.

Jack Point decals are located to the **rear of each tire** for easy identification.