



Technical Service Bulletin

Technical Service Bulletin: TSB200089	Released Date: 15-Apr-2020
High Voltage DC/AC Inverter Safety Decal	

High Voltage DC/AC Inverter Safety Decal

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- BES CM0904 EV104B

Issue

The high voltage DC/AC inverter supplied by [REDACTED] has a safety decal in a foreign language.

Verification

There are two types of high voltage DC/AC inverters that are used in production. One is supplied by [REDACTED], and the other is supplied by [REDACTED]. Each vehicle has three high voltage DC/AC inverters but may have any combination of the two types of high voltage DC/AC inverters on the vehicle. Only high voltage DC/AC inverters supplied by [REDACTED] need to have the new safety decal installed. See Figure 1 below to identify which high voltage DC/AC inverter needs a new safety decal.



Figure 1, Left: [REDACTED] High Voltage DC/AC Inverter. Right: [REDACTED] High Voltage DC/AC Inverter.

The location of the three high voltage DC/AC inverters on each school bus is as follows:

Type C School Bus:

- Thermal Management System: Located between the frame rails directly on the passenger side of the vehicle near the front of the vehicle.
- Power Steering System: Located between the frame rails directly on the driver side of the vehicle near the front of the vehicle.
- Air Compressor System: Located behind the rear passenger side wheels.

Type D School Bus:

- Thermal Management System: Located behind the rear driver side wheels near the back of the bus.
- Power Steering System: Located next to the radiator near the back of the bus.
- Air Compressor System: Located behind the rear driver side wheels.

Resolution

The new safety decal, Part Number 5598436, is released but can **not** be ordered. Service Engineering will be managing the distribution of this decal due to the limited number of affected vehicles.

Clean the existing decal on the high voltage DC/AC inverter with a damp cloth. There is no need to remove the existing decal.

Apply the new safety decal over the existing decal. See Figure 2.



Figure 2, High Voltage DC/AC Inverter With New Safety Decal Installed.

Document History

Date	Details
2020-4-15	Module Created

Last Modified: 15-Apr-2020