

Volvo Chassis - Secondary Display Blank, Will Not Turn On

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Valid For

Volvo - VNL models built May 27 2024 to September 15 2024

If the vehicle's batteries are severely depleted—less than 11 volts—and only some of these depleted batteries are replaced, it can result in voltage discrepancies between the low-side (12V) batteries and high-side (24V) batteries, potentially causing a black secondary display for the customer.

If a blank/black secondary screen is observed, especially following battery replacement:

- ALL of the batteries should be load tested and confirmed to be in good condition (in proper condition to take and hold an acceptable charge).
- Any batteries that are confirmed bad or in questionable status should be replaced, all at once.
- For any batteries confirmed to be in good condition but low on charge:
 - Wait for at least 1 hour before cranking to allow the Battery Pack Monitoring Unit (BPMU) to equalize voltage across all batteries.

When jump-charging the batteries, ensure that the Maintenance Disconnect Switch remains ON to facilitate proper charging of all batteries.

Related links and attachments

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