

 Preview Solution CBR-453-6

Volvo Chassis - Voltage Warning (Low Battery Light, Alternator Light) Illuminated (ON) In The Instrument Cluster After The Cluster Is Replaced - US04 Emissions, Model Years 2005 to 2007

Revision Date March 02. 2026

Valid For

Volvo Chassis - VNL,VHD
Model Year - 2005 to 2007

Low Battery Warning Displayed After Cluster Replacement – Volvo US04 Chassis

Condition

After installing a replacement instrument cluster on a Volvo US04 chassis, a **Low Battery Warning** may be displayed on the dash.

Cause

The warning may occur if a **diode** is present in **circuit wire number 14**. This diode can prevent proper voltage feedback to the cluster, causing the warning indicator to remain illuminated.

Correction

1. Inspect the circuit:

- Locate **connector port “C” pin 7**, wire number **14**, on the back of the instrument cluster.
- Check the wiring harness approximately **1 foot from the connector** for a **bulge**, which indicates the presence of a diode.
- **Note:** on VHD chassis the diode is typically found in the harness near the alternator.

2. Remove the diode:

- If a diode is found in the circuit, **remove it**.
- Once removed, verify that the **Low Battery Warning** no longer appears on the cluster.

Related links and attachments

No links or attachments available



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