

Battery Electric Vehicle (BEV) - Active Diagnostic Trouble Codes (DTC) - P0A6649, P08F049, P0A5D49 And P103316 - EMD Desat Error

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Valid For

VNR Electric and LR Electric models 2021 to present

Solution

Problem

Active DTC P0A6649, P08F049, OR P0A5D49 fault code with ambient temperatures lower than 20°C / 68°F

Troubleshooting

1. Confirm the vehicle is able to start normally. Verify that after multiple Drive attempts (less than 10), faults go inactive.

Repair

1. Replace the EMD.
2. Verify the new part has a green dot next to the Volvo label. This indicates it is a "clean" part.



Temporary Fix

If EMD replacement is not possible, this may be used to temporarily allow vehicle operation.

The fault may be temporarily resolved by making repeated attempts to engage the drive system. These attempts can be made every 30 seconds after each stop. A drive attempt is as follows:

1. Turn key to the key on position.
 - a. Wait until the warning lamps in the instrument cluster go off.
2. Turn key to the driveline active position.
3. Release the park brake.
4. Shift the transmission in to gear.

As components warm up the fault may not return until components are cold again.

Related links and attachments

No links or attachments available



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