

# V O L V O

## Volvo Car USA LLC

## Technical Journal

|                                                                            |                                           |                                  |                                |
|----------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------|
| Technical Journal Title<br><b>BEV IHFA Internal Processor Failure DTCs</b> |                                           | Ref. No.<br><b>TJ 36309.12.0</b> |                                |
| Issuer (Dept.)<br><b>Technical Service</b>                                 |                                           | Issue Date<br><b>10/24/24</b>    | Status Date<br><b>10/30/24</b> |
| Car Market<br><b>United States and Canada</b>                              | Partner<br><b>3 US 7510 Volvo Car USA</b> | Function Group<br><b>3233</b>    |                                |
| Function Description<br><b>Electric converter, high voltage</b>            |                                           | Page<br><b>Page 1 of 2</b>       |                                |

Rows beginning with \* are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

### DESCRIPTION:

If a customer experiences a “Propulsion System Performance” message in the DIM in combination with Diagnostic Trouble Code IHFA P060C04 and/or IHFA P060C00 please follow the instructions under “Service”.

IHFA: Inverter High Voltage Front Axle

DIM = Driver Information Module

DTC = Diagnostic Trouble code

### CSC Customer Symptom Codes

| Code | Description                                                                                           |
|------|-------------------------------------------------------------------------------------------------------|
| AJ   | Driving/Poor performance/lacks power                                                                  |
| DL   | Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication |

### DTC Diagnostic Trouble Codes

| Control Module | Code    | Fault Type |
|----------------|---------|------------|
| IHFA           | P060C04 | Permanent  |
| IHFA           | P060C00 | Permanent  |

### Vehicle Type

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range | Struc Week Range |
|------|-----|----------|-------|------|------|-------|------------|-------|---------------|------------------|
| 536  | ED  | E400V6   |       |      |      |       | 2021-2023  |       | -             | 202037-202316    |
| 539  | ED  | E400V6   |       |      |      |       | 2022-2023  |       | -             | 202139-202316    |

### SERVICE:

\*Follow this journal before performing VIDA fault tracing or replacement of parts.

The DTC IHFA P060C04 and/or P060C00 can be mis-detected.

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First, verify that the vehicle has version 3.1.9 or newer software (3.1.9 software contains improvements for these IHFA DTCs).

If software version 3.1.9 or newer is installed, do not replace parts; clear the DTCs and release the vehicle to the customer.

\*Work is ongoing, and a new SW is planned for 2024 quarter 4.

### Warranty claim info:

To get a warranty claim accepted for a job described in this TJ, use the VST OP number below.

Note that the TJ number must be stated in the repair order text.

### VST Operation Number

| VST Operation Number | Description                         |
|----------------------|-------------------------------------|
| 36004-2              | Software Control Module downloading |

### VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area "Vehicle Report" and sub-concern area "Support Needed", use function group 3233.