

# Technical Journal

TITLE:

**CMA BEV IHFA Internal Processor Failure**

<b>REF NO:</b> 36309.3.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA, LLC		<b>ISSUE DATE:</b> 2022-09-14	<b>STATUS DATE:</b> 2022-09-21
<b>FUNC GROUP:</b> 3233	<b>FUNC DESC:</b> Electric converter, high voltage	Page 1 of 2	

**“Right first time in Time”**

Rows beginning with \* are modified

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

**DESCRIPTION:**

BEV = Battery Electric Vehicle

IHFA = Inverter High Voltage Front Axle

\* If the customer experiences a “Propulsion system performance” message in the Driver Information Module (DIM) in combination with diagnostic trouble code (DTC) IHFA P060C04 or P060C00, please follow the instruction under Service.

**CSC Customer Symptom Codes**

Code	Description
AJ	Driving/Poor performance/lacks power
7B	Starting/Engine does not start/Engine does not turn/No clicking sound at start attempt
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

**DTC Diagnostic Trouble Codes**

ECU	DTC	Fault Type
IHFA	P060C04	Permanent
IHFA	P060C00	Permanent

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## Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536	ED	E400V6					2021-2023		-	202037-999952
536	EG	E400V9					2022-2023		-	202122-999952
539	ED	E400V6					2022-2023		-	202146-999952
539	EG	E400V9					2022-2023		-	202146-999952

## SERVICE:

\* The Inverter High Voltage Front Axle (IHFA) DTC P060C04 and/or P060C00 could be misdetected and causing a DIM message stating “Propulsion system performance.”

### In all cases, do the following:

1. Erase the DTC
2. Cycle the key
3. Read DTCs

\* If the DTC IHFA P060C04 or P060C00 does **NOT** return, do not replace any parts. Release the car back to the customer.

\* If the DTC IHFA P060C04 or P060C00 returns directly after reset, continue fault tracing according to VIDA.

## Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:

\*VST OP number: 36001-2

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

## VST Operation Number

VST Operation Number	Description
36001-2	Diagnostic trouble codes read / reset / known Diagnostic trouble codes with VIDA

## 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.