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|---|------------------------------------|--------------------------|------------------------|
| Technical Journal Title<br>PHEV IEM P060700 Control Module Performance<br>DTC |                                    | Ref. No.<br>TJ 36823.1.0 |                        |
| Issuer (Dept.)<br>Technical Service   |                                    | Issue Date<br>1/26/24    | Status Date<br>1/30/24 |
| Car Market<br>United States and Canada  | Partner<br>3 US 7510 Volvo Car USA | Function Group<br>3233   |                        |
| Function Description<br>Electric converter, high voltage                      |                                    | Page<br>Page 1 of 2      |                        |

## DESCRIPTION:

If a customer experiences a “Propulsion system performance” message in the DIM with diagnostic trouble code IEM P060700, often in combination with IEM P061A00, please follow the instructions under “Service.”

IEM = Inverter Electric Rear Axle Drive Module

DIM = Driver Information Module

## CSC Customer Symptom Codes

| Code | Description   |
|------|---|
| IV   | Text window and warning symbol/Text message   |
| DL   | Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication |

## DTC Diagnostic Trouble Codes

| Control Module | Code    | Fault Type |
|----------------|---------|------------|
| IEM            | P060700 | Permanent  |
| IEM            | P061A00 | Permanent  |

## Vehicle Type

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range | Struc Week Range |
|------|-----|----------|-------|------|------|-------|------------|-------|---------------|------------------|
| 224  | H6  | BH6PHEV  |       |      |      |       | 2022-9999  |       | -             | 202147-999952    |
| 225  | H6  | BH6PHEV  |       |      |      |       | 2022-9999  |       | -             | 202147-999952    |
| 238  | H6  | BH6PHEV  |       |      |      |       | 2022-9999  |       | -             | 202147-999952    |
| 246  | H6  | BH6PHEV  |       |      |      |       | 2022-9999  |       | -             | 202147-999952    |
| 256  | H6  | BH6PHEV  |       |      |      |       | 2022-9999  |       | -             | 202147-999952    |

## SERVICE:

Please follow this journal before replacing any parts.

The DTCs IEM P060700 in combination with IEM P061A00 could be mis-detected and cause reduced performance and/or a message in DIM stating, “Propulsion system performance.”

- If the vehicle is drivable and has no turtle symbol in DIM: Do not replace any parts, clear the DTCs, and release the vehicle to the customer.
- If the vehicle has a turtle symbol active in the DIM follow the below:

- Erase DTCs.
- Let the vehicle go to usage mode “Abandoned.”
- Carry out a road test.
- Then perform a new VIDA readout.

If the DTCs IEM P060700/IEM P061A00 do not return, do not replace any parts. Release the car to the customer.

If the DTCs return, please contact Retailer Technical Support through your normal escalation process, see the instructions under “Vehicle Report.”

**Work is ongoing and a new SW is planned for 2024 quarter 2.**

**Warranty claim info:**

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

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

**VST** Operation Number

| VST Operation Number | Description  |
|----------------------|--|
| 36001-2              | Diagnostic trouble codes read/reset/known Diagnostic codes with VIDA |
| 99922-2              | General reimbursement acc. to TJ/QB                                  |

**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.