

# Technical Journal

TITLE:

**IGM P0A4B00 Generator Position Sensor Circuit DTC**

<b>REF NO:</b> TJ 36417.1.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2022-11-17	<b>STATUS DATE:</b> 2022-11-21
<b>FUNC GROUP:</b> 3235	<b>FUNC DESC:</b> Voltage converter, high voltage	Page 1 of 2	

“Right first time in Time”

**DESCRIPTION:**

IGM: Inverter Generator Module

DTC: Diagnostic Trouble Code

When fault tracing the DTC IGM-P0A4B00 Generator Position Sensor Circuit, please follow the instructions under “Service.”

**CSC** Customer Symptom Codes

Code	Description
7B	Starting/Engine does not start/Engine does not turn/No clicking sound at start attempt

**DTC** Diagnostic Trouble Codes

Control Module	Code	Fault Type
IGM	P0A4B00	Intermittent
IGM	P0A4B00	Permanent

**Vehicle Type**

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	H6	BH6PHEV					2022-2023		-	202147-202243
225	H6	BH6PHEV					2022-2023		-	202147-202243
238	H6	BH6PHEV					2022-2023		-	202147-202243
246	H6	BH6PHEV					2022-2023		-	202147-202243
256	H6	BH6PHEV					2022-2023		-	202147-202243

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## SERVICE:

Do not replace any parts.

Improved IGM diagnostic monitor software was released in 2022 week 43 to solve misdetection.

Please perform an upgrade of the software according to TJ 31543.

## \*Warranty claim info:

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

VST OP number: 36004-2

**Note:** This 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:

Please submit a Vehicle Report if the service solution described in this journal has no effect. Use the concern area "Vehicle Report" and sub-concern area "Support Needed," use function group 3235.