VOLVO

Service and Parts Business

Technical Journal

TITLE:

IGM P0A4B00 Generator Position Sensor Circuit DTC

REF NO: TJ 36417.2.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2022-12-06	STATUS DATE: 2022-12-07
FUNC GROUP: 3235	FUNC DESC: Voltage 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:

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	Permanent
IGM	P0A4B00	Intermittent

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
235	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

SERVICE:

Do not replace any parts.

Improved IGM diagnostic monitor software is released 2022w43 to solve misdetection.

Perform an upgrade of the software according to TJ 31543.

*Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:
VST OP number: 36004-2

Note: TJ number must be stated in 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.