

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title Aftermarket Device Connected to the DLC/OBD2 with IGM / IEM P06B800		Ref. No. TJ 37725.1.2	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3233	
Function Description Electric converter, high voltage		Page Page 1 of 2	

Rows beginning with * are modified

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DESCRIPTION:

*Updated the DTC section to include IEM.

If a customer experiences a Propulsion Warning message or Turtle light in the DIM, and DTC IGM-P06B800 is stored, please follow the advice in "Service".

CSC Customer Symptom Codes

Code	Description
7G	Text window and warning symbol/Yellow symbol and text message
EA	Text window and warning symbol/Red symbol and 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	P06B800	Intermittent
IEM	P06B800	Permanent
IGM	P06B800	Intermittent
IGM	P06B800	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
246	H6	BH6PHEV					2022-2099		-	202147-209952
256	H6	BH6PHEV					2022-2099		-	202147-209952

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SERVICE:

The described symptoms can result from a third-party device (e.g., insurance company device or GPS tracking device) connected to the DLC/OBD2 connector.

Third-party devices can be connected:

1. Directly to the DLC
2. Via a Y-splitter harness that is used as an extension of the regular DLC port, while the regular DLC port itself may be unoccupied. Y-splitter harnesses are often spliced into the under-dash wiring but can be connected anywhere else in the vehicle wiring, making them difficult to detect.

Before starting fault-tracing, ensure all third-party devices are disconnected from the car.

Take the following scenarios into account during fault tracing:

1. If the above-mentioned symptoms and the DTC persist, the third-party device might be hidden well.
2. If the symptoms and the DTC are not permanent, the customer might have had a third-party device connected while experiencing above-mentioned symptoms but removed it before arriving at the workshop.

Note: Volvo Cars takes no responsibility for the consequences of connecting unauthorized equipment to the DLC. The socket should only be used by a trained and qualified Volvo service technician. Any diagnostics or repairs due to an aftermarket accessory are NOT a matter for warranty.

List of abbreviations:

TJ - Technical Journal

DIM - Driver Information Module

DLC - Data Link Connector (a physical connector for on-board diagnostics)

DTC - Diagnostic Trouble Code

IGM - Inverter Generator Module

OBD2 - On Board Diagnostics 2nd generation (a data transmission standard)

Warranty claim info:

No warranty claim is accepted for this TJ.

VEHICLE REPORT:

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