

VOLVO

Volvo Car USA LLC

Technical Journal

Technical Journal Title Check Engine Light and Not Possible to Remote Start with DTC ISGM P056200		Ref. No. TJ 37555.1.0	
Issuer (Dept.) Technical Service		Issue Date 11/13/25	Status Date 11/18/25
Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA		Function Group 3210
Function Description Alternator		Page Page 1 of 2	

DESCRIPTION:

If the engine cannot be remote started in the Volvo Cars app and the "Check Engine Light" is on in the DIM, together with DTC ISGM P056200, or in combination with the DTCs listed below, please follow the advice under "Service".

CSC Customer Symptom Codes

Code	Description
7B	Starting/Engine does not start/Engine does not turn/No clicking sound at start attempt
BJ	Starting/Engine does not start/Unsure when/at all times
EF	Engine Remote Start (ERS)/Does not work
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ISGM	P056200	Permanent
ISGM	P2CC321	Permanent
ISGM	P063C21	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	L1	BL1KERS					2024-9999		-	202317-999952
227	L1	BL1KERS					2024-9999		-	202317-999952
236	06	B06KERS					2024-9999		-	202317-999952
238	06	B06KERS					2024-9999		-	202317-999952
246	06	B06KERS					2024-9999		-	202317-999952
246	L1	BL1KERS					2024-9999		-	202317-999952
246	M1	BM1KERS					2025-9999		-	202417-999952
256	06	B06KERS					2024-9999		-	202317-999952
256	L1	BL1KERS					2024-9999		-	202317-999952
256	M1	BM1KERS					2025-9999		-	202417-999952
536	L1	BL1KERS					2024-9999		-	202317-999952

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SERVICE:

Do not replace the ISGM. The ISGM is just a messenger to detect issues in the 48-volt system.

The symptom occurs when the ERS attempt via the Volvo Cars app is made immediately after the engine has been turned off and the car has been locked.

After the engine has been turned off and the car locked, the immobilizer system (anti-theft system) is active for approximately 40 seconds, and during this time, the engine can only be started by using the keyless start.

To avoid this issue, please advise the customer to wait at least 40 seconds after the car is locked before using the ERS function in the Volvo Cars app.

Notes:

- Only two ERS start attempts via the Volvo Cars app are allowed before a keyless start is required.
- The Check Engine Light will disappear after a number of driving cycles.

Abbreviations:

ISGM - Integrated Starter Generator Module

ERS - Engine Remote Start

VC app - Volvo Cars Application

DIM - Driver Information Module

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 the sub-concern area "Support Needed", use function group 3210.