

Technical Journal

TITLE:

DTC IEM P286D00 ERAD Clutch Engagement Too Slow

REF NO: TJ 35966.4.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2021-10-05	STATUS DATE: 2021-12-10
FUNC GROUP: 4632	FUNC DESC: Electrical rear axis drive	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:

*Updated under service.

If DTC stated below is set alone or in combination with other DTCs, please follow the advice under “Service”.

NOTE: THIS TJ ONLY APPLIES TO THE VEHICLE TYPES AND MODEL YEARS SHOWN BELOW!

CSC Customer Symptom Codes

Code	Description
53	Driving, Twin Engine/Propulsion using electric motor not possible
DL	Warning lights and chimes/Malfunction Indicator Light ("Check engine" light) indication/no indication
MU	4-wheel/all wheel drive/Does not work

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
IEM	P286D00	Permanent

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Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	BK	B1LPHEV					2020-2022		-	201920-202148
224	BR	B1FPHEV					2020-2022		-	201917-202148
225	BK	B1LPHEV					2020-2022		-	201920-202148
225	BR	B1FPHEV					2020-2022		-	201917-202148
234	BR	B1FPHEV					2020-2022		-	201917-202148
235	BR	B1FPHEV					2020-2022		-	201917-202148
238	BK	B1LPHEV					2020-2022		-	201920-202148
238	BR	B1FPHEV					2020-2022		-	201917-202148
246	BK	B1LPHEV					2020-2022		-	201920-202148
246	BK	B1LPHEV					2020-2022		-	201920-202148
246	BR	B1FPHEV					2020-2022		-	201917-202148
246	BR	B1FPHEV					2020-2022		-	201917-202148
256	BK	B1LPHEV					2020-2022		-	201920-202148
256	BR	B1FPHEV					2020-2022		-	201917-202148

SERVICE:

Do not replace any parts.

*A new modified IEM (Inverter Electrical rear axle drive Module) calibration software is released.

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

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

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 4632.