

Volvo Car USA LLC

Technical Journal

Technical Journal Title AC Charging Limited to 15 Amps or Not Charging At All		Ref. No. TJ 37251.3.1	
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Car Market United States and Canada	Partner 3 US 7510 Volvo Car USA	Function Group 3234	
Function Description Onboard charger, high voltage		Page Page 1 of 2	

Rows beginning with * are modified

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DESCRIPTION:

* Added information about an SP as immediately available solution.

If a customer states: when AC charging the high-voltage battery the vehicle will only receive up to 15 amps of current, or it will not AC charge at all, and DTC GHCA-P137394 is stored, please follow the advice under "Service".

CSC Customer Symptom Codes

Code	Description
YL	Plug-in charging/No/reduced/incorrect function/With external AC-cable

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
GHCA	P137394	Permanent
GHCA	P137394	Intermittent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
356							2025-2099		-	202417-209952

SERVICE:

Note: This issue doesn't occur with all chargers. AC charging at the workshop is likely to work without problems.

If the vehicle has set DTC GHCA-P137394 and charges at a maximum of 10-15 amperes only at a specific charger, or doesn't charge at all at a specific charger:

*** A new GHCA software is available as a SP, which can be installed on customer vehicles with this concern. Install software PN 32465368.**

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*** For all customers, the new GHCA software will become available through the baseline SW that succeeds version 1.2.6. Once a vehicle is updated to this subsequent baseline SW, an SP installation will no longer be necessary.**

Important notes regarding SP SW installation:

* Baseline SW 1.2.6 is required as a precondition for installing the SP.

* Installing a Total Upgrade, GHCA Reload, or GCCC Reload after installing the SP will overwrite the SP software.

List of abbreviations:

AC - Alternating Current

GHCA - Grid to High voltage Converter A

DTC - Diagnostic Trouble Code

OTA - Over-the-Air software update

SW - Software

SP - Software Product

* PN - Part Number

***Warranty claim info:**

To get warranty claim accepted for a job described in this TJ, use the corresponding VST OP stated in this TJ.

Note that the 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:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect, or if an affected vehicle cannot charge at all at any charger. Use concern area "Vehicle Report" and sub concern area "Support Needed", use function group 3234.