

V O L V O

Volvo Car USA LLC

Technical Journal

Technical Journal Title AC Charging Limited to 15 Amps or Not Charging At All		Ref. No. TJ 37251.2.0	
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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:

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:

If the vehicle has set DTC GHCA-P137394 and reportedly won't AC charge at all:

1. Check the charging settings on the vehicle's center screen, specifically the amperage setting.
2. Set the amperage to 15A and have the customer attempt charging again with the affected charger.
3. If the car does not charge at 15A, reduce the amperes further, down to 10A.

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

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If the vehicle has set DTC GHCA-P137394 and charges at a maximum of 10-15 amperes only at a specific charger:

Work is in progress to address this symptom. The issue is not hardware-related. Therefore, this TJ does not authorize any hardware replacement.
Advise the customer to use a different charger.

* A new GHCA SW will become available as an SP at the same time SW1.2.8 is released in VIDA. This release is scheduled for 2025 quarter 1.

* This TJ will be updated with the SP part number once it becomes available.

If the vehicle has set DTC GHCA-P137394 and does not charge at all at a specific charger:

Work is in progress to address this symptom. The issue is not hardware-related. Therefore, this TJ does not authorize any hardware replacement.
Advise the customer to use a different charger.

* A new GHCA SW will become available as an SP at the same time SW1.2.8 is released in VIDA. This release is scheduled for 2025 quarter 1.

* This TJ will be updated with the SP part number once it becomes available.

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

Warranty claim info:

No warranty claim is accepted for this TJ.

VEHICLE REPORT:

If a vehicle experiences the issues described in this TJ please submit a Vehicle Report. Use the concern area "Vehicle Report" and sub-concern area "**Support Not Needed**", use function group 3234.

If a vehicle cannot charge at all with any charger please submit a Vehicle Report. Use the concern area "Vehicle Report" and sub-concern area "**Support Needed**", use function group 3234.