Polestar Service and Parts Business

Technical Journal

TITLE:

No AC Charging with DTC OBC-P0D1513 and/or OBC-P0D1556

REF NO:	ISSUING DEPARTMENT:	CAR MARKET:	
TJ 36523.1.0	Technical Service	United States and Canada	
PARTNER: 3 US 7515 Polestar		ISSUE DATE: 2023-02-17	STATUS DATE: 2023-02-22
FUNC GROUP: 3234	FUNC DESC: Onboard charger, high voltage	Page 1 of 4	

Attachment

File Name	File Size
TJ 36523.pdf	0.2613 MB

DESCRIPTION:
If a customer's vehicle will not AC charge, and DTCs OBC-P0D1513 and/or OBC-P0D1556 are set, follow the instructions under "Service."

CSC Customer Symptom Codes

Code	Description
YM	On board charger/No/reduced/incorrect function/While driving
YL	Plug-in charging/No/reduced/incorrect function/With external AC-cable
YW	Charging socket/LED indicates fault/reduced charging/Unsure when/at all times
YX	Charging socket/Lock does not lock/unlock/Unsure when/at all times

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
OBC	P0D1513	Permanent
OBC	P0D1556	Permanent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
534							2021-2023		-	202015-202317

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SERVICE:
In occasional cases, connector catches of the AC HV connector at the OBC (to connect the HV cable harness from the EVI) are not properly closed by the plant. That leads to the effect that Mode 2 and Mode 3 AC charging is not possible. See the attachment above for the connector location.

Please take the following steps:

1. Fully disconnect AC HV connector EVI > OBC from the OBC
   The attached pdf file also shows how to release the two connector catches, that might be improperly closed, before disconnection
2. Ensure that the connector is in a proper condition and that no foreign objects are present
3. Reconnect the connector
   Note: It is of high importance ...
   a. to push in the connector well.
   b. to close the two connector catches. The attached pdf file shows the **release** of those catches, and for closure, **you must push in the opposite direction than the arrows shown in the drawing**.

List of abbreviations:

TJ - Technical Journal
AC - Alternating Current
HV - High Voltage
OBC - On-board Charger
EVI - Electric Vehicle Inlet
DTC - Diagnostic Trouble Code
CSC - Customer Symptom Code

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, following data must be used: Failing Part: No part replacement accepted for this TJ
VST OP number: 31133-3,31130-2,85558-2,99921-2

NOTE: TJ number must be stated in repair order text.

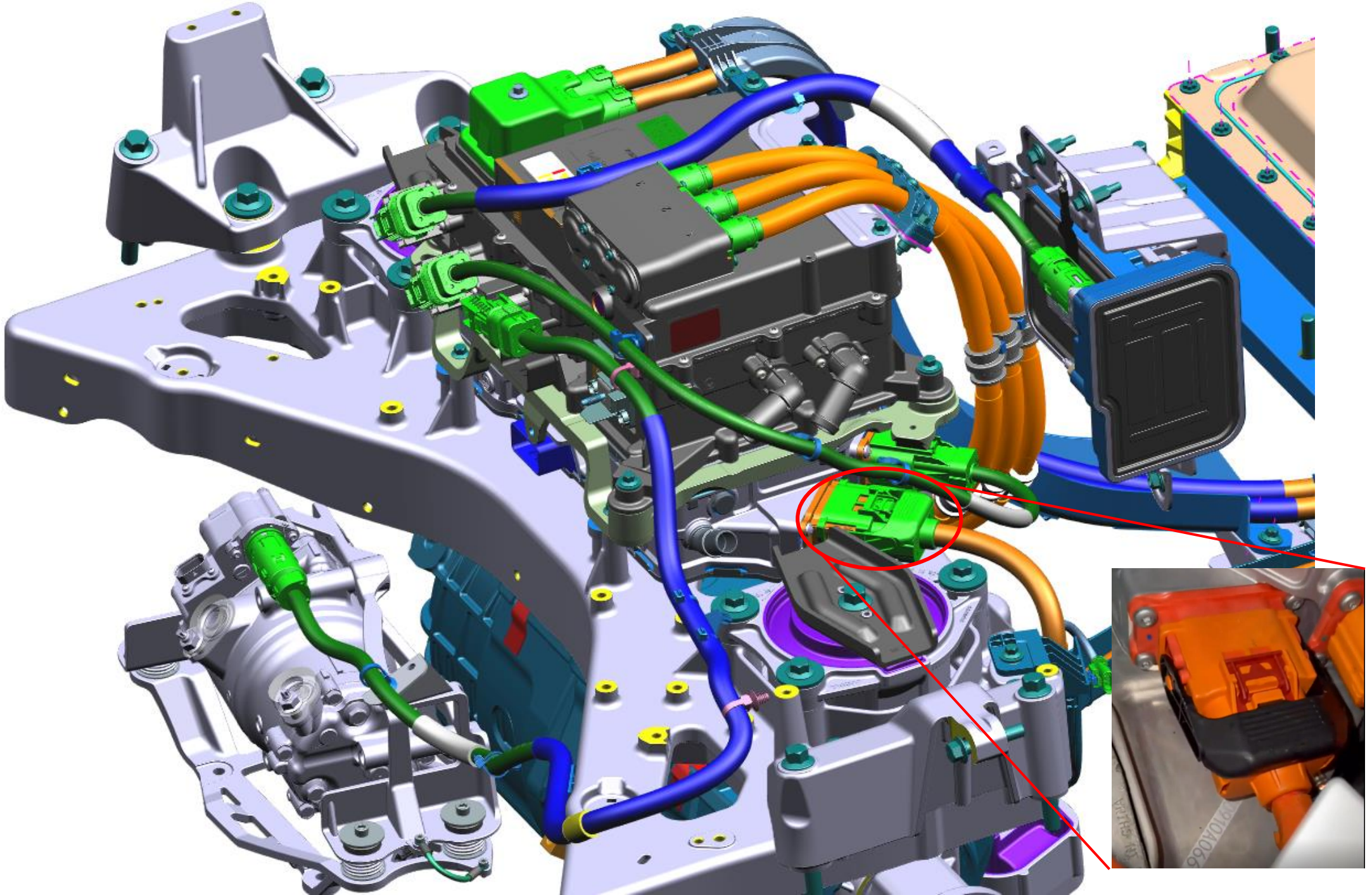
LABOR TIME:
Labor time subject to change without notice.

VEHICLE REPORT:
Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect. Use concern area “Vehicle Report Polestar” and sub concern area “Support needed Polestar,” use function group 3234.
Please submit a Vehicle Report also if the solution described in this TJ solves the issue. Use concern area “Vehicle Report Polestar” and sub concern area “Support not needed Polestar,” use function group 3234.

To view TJ attachments continue to next page. This TJ has one attachment.

TJ 36523

1



TJ 36523

2

