Technical Journal

TITLE:
Headlight DTC's after software upgrade

REF NO:	ISSUING DEPARTMENT:	CAR MARKET:
TJ 35560.3.0	**Technical Service**	**United States and Canada**

PARTNER:	ISSUE DATE:	STATUS DATE:
3 US 7510 Volvo Car USA	**2020-09-11**	**2020-09-18**

FUNC GROUP:	FUNC DESC:	
3524	**Leveling control, headlamp**	**Page 1 of 2**

"Right first time in Time"

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2020-2021	25	0050159-9999999	201946-202022
224							2020-2021	70	0030001-9999999	201946-202022
225							2020-2021	21	0347020-9999999	201920-202022
225							2020-2021	22	0347035-9999999	201920-202022
227							2020-2021	21	0030000-9999999	201920-202022
234							2020-2021	25	0078027-9999999	201920-202022
234							2020-2021	35	0078019-9999999	201920-202022
235							2020-2021	21	0124000-9999999	201920-202022
236							2020-2021	21	0101000-9999999	201920-202022
238							2020-2021	35	0136000-9999999	201920-202022
246							2020-2021	21	0410083-9999999	201920-202022
246							2020-2021	36	0410065-9999999	201920-202022
256							2020-2021	21	0530000-9999999	201917-202022

CSC Customer Symptom Codes

Code	Description
YY	Auto position/Does not work
DC	Headlights/Headlight aim is off

VST   Operation Number

VST Operation Number	Description
36050-2	Calibration/Identifying with VIDA

DTC   Diagnostic Trouble Codes

Control Module	Code	Fault Type
CEM	B14C281	Intermittent
VCU1	B104154	Intermittent

Rows beginning with * are modified
Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:
If DTC's are set after Software upgrade for missing calibration on headlights, please see advice under service.

SERVICE:
If the DTC's are confirmed, perform a calibration of the position sensors, follow instruction described in VIDA:

*Planning & Daignostics => Diagnostics => Components => Vehicle Computational Unit 1 (VCU1) => Diagnostic Sequences => Calibration of position sensor

*Note! Do not perform headlight adjustments before software upgrade.

Warranty claim info:
To get warranty claim accepted for a job described in this TJ, please use following data:
VST OP number: 36050-2

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 3524.