



Technical Journal

TITLE:

Headlight DTC's after software upgrade

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|--|--|--|-----------------------------------|
| REF NO: TJ 35560.2.0 | ISSUING DEPARTMENT: Technical Service | CAR MARKET: United States and Canada | |
| PARTNER: 3 US 7510 Volvo Car USA | | ISSUE DATE: 2020-07-10 | STATUS DATE: 2020-07-16 |
| FUNC GROUP: 3524 | FUNC DESC: Levelling 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 | 201946-202023 |
| 224 | | | | | | | 2020-2021 | 70 | 0030001-9999999 | 201946-202023 |
| 225 | | | | | | | 2020-2021 | 21 | 0347020-9999999 | 201920-202023 |
| 225 | | | | | | | 2020-2021 | 22 | 0347035-9999999 | 201920-202023 |
| 227 | | | | | | | 2020-2021 | 21 | 0030000-9999999 | 201920-202023 |
| 235 | | | | | | | 2020-2021 | 21 | 0124000-9999999 | 201920-202023 |
| 236 | | | | | | | 2020-2021 | 21 | 0101000-9999999 | 201920-202023 |
| 238 | | | | | | | 2020-2021 | 35 | 0136000-9999999 | 201920-202023 |
| 246 | | | | | | | 2020-2021 | 21 | 0410083-9999999 | 201920-202023 |
| 246 | | | | | | | 2020-2021 | 36 | 0410065-9999999 | 201920-202023 |
| 256 | | | | | | | 2020-2021 | 21 | 0530000-9999999 | 201917-202023 |

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 VID A |



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 is confirmed, perform a calibration of position sensors, follow instruction described in VIDA:

*Planning & Diagnostics => 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.