| Technical Journal Title |  |  |  |
| :--- | :--- | :--- | :--- |
| PAC - Low brightness image in lower-light | Ref. No. |  |  |
| environment | TJ 36784.1.0 |  |  |
| Issuer (Dept.) |  |  |  |
| Technical Service | Issue Date | Status Date |  |
| Car Market | $12 / 07 / 23$ | $12 / 22 / 23$ |  |
| United States and Canada | Partner | Function Group |  |
| Function Description |  | 3810 Volvo Car USA | 3871 |
| Parking assistance | Page |  |  |

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

## DESCRIPTION:

If the customer experiences a poor image quality in low-light conditions on the $360^{\circ}$ Park Assist Camera (PAC), please follow the advice under service.

## CSC Customer Symptom Codes

| Code | Description |
| :--- | :--- |
| $4 Z$ | Front monitoring/Active safety/No/reduced/incorrect function/Parking Assistance Camera |
| 2 X | Park assist camera/Does not work |
| 7 N | Navigation/Other navigation problems |
| HV | Video other/Other video problems |
| IM | Video other/Front screen, poor image quality/no image |

## DTC Diagnostic Trouble Codes

## Vehicle Type

| Type | Eng | Eng <br> Desc | Sales | Body | Gear | Steer | Model <br> Year | Plant | Chassis range | Struc Week <br> Range |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 224 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 225 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 227 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 235 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 236 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 238 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 246 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 256 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 536 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |
| 539 |  |  |  |  |  |  | $2024-2024$ |  | - | $202317-202347$ |

## SERVICE:

There is improved software in version 2.13.1.
Perform a total upgrade according to TJ 31543, or upgrade the software via OTA (Over The Air).

## Warranty claim info:

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

Note that the TJ number must be stated in the repair order text.

## 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 not needed", use function group 3871.

