



Technical Journal

TITLE:

Park Assist System Service Required Message in DIM

REF NO: TJ 31558.10.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2021-03-10	STATUS DATE: 2021-03-22
FUNC GROUP: 3871	FUNC DESC: Parking assistance	Page 1 of 5	

“Right first time in Time”

Attachment

File Name	File Size
TJ 31558.jpg	0.0368 MB

Rows beginning with * are modified

Note! If using a printed copy of this Technical Journal, first check for the latest online version.

DESCRIPTION:

*Revised instructions and added DTCs

If the Parking Assistance System (PAS) is not working and there is a message in DIM about “Parking Assistance System service required”, then it is possible that there is water ingress into front/rear park assist sensors and connectors caused by splices in the front/rear cable harness.

If the sensors and connectors have water ingress then follow advice under service.

DIM = Driver Information Module

CSC Customer Symptom Codes

Code	Description
KS	Front/rear park assist/Does not work
7G	Text window and warning symbol/Yellow symbol and text message



DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
PAM	B1B4414	Intermittent
PAM	B1B4496	Intermittent
PAM	B1B4614	Intermittent
PAM	B1B4696	Intermittent
PAM	B1B4814	Intermittent
PAM	B1B4896	Intermittent
PAM	B1B5014	Intermittent
PAM	B1B5096	Intermittent
PAM	U2E0568	Intermittent
PAM	B1B3612	Intermittent
PAM	B1B3614	Intermittent
PAM	B1B3696	Intermittent
PAM	B1B3812	Intermittent
PAM	B1B3814	Intermittent
PAM	B1B3896	Intermittent
PAM	B1B4012	Intermittent
PAM	B1B4014	Intermittent
PAM	B1B4096	Intermittent
PAM	B1B4212	Intermittent
PAM	B1B4214	Intermittent
PAM	B1B4296	Intermittent
CEM	B1B5096	Intermittent
CEM	B1B3696	Intermittent
CEM	B1B3896	Intermittent
CEM	B1B4096	Intermittent
CEM	B1B3614	Intermittent
CEM	B1B3814	Intermittent
CEM	B1B4014	Intermittent
CEM	B1B4214	Intermittent
CEM	B1B4296	Intermittent
CEM	B1B3612	Intermittent
CEM	B1B3812	Intermittent
CEM	B1B4012	Intermittent
CEM	B1B4212	Intermittent
CEM	B1B4412	Intermittent
CEM	B1B4612	Intermittent
CEM	B1B4812	Intermittent
CEM	B1B5012	Intermittent
PAM	B1B4412	Intermittent
PAM	B1B4612	Intermittent
PAM	B1B4812	Intermittent
PAM	B1B5012	Intermittent



Control Module	Code	Fault Type
CEM	B1B4414	Intermittent
CEM	B1B4496	Intermittent
CEM	B1B4614	Intermittent
CEM	B1B4696	Intermittent
CEM	B1B4814	Intermittent
CEM	B1B4896	Intermittent
CEM	B1B5014	Intermittent

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2017-2020		-	201835-202004
225							2019-2020		-	201817-202004
227							2019-2020		-	201846-202004
234							2017-2017		-	201617-201716
235							2017-2020		-	201624-202004
236							2017-2020		-	201646-202004
238							2017-2020		-	201646-202004
246							2018-2020		-	201717-202004
256							2016-2020		-	201505-202004

SERVICE:

Follow VIDA method for loosening/removing the bumper cover. Disconnect all connectors to the parking sensors and visually check if there is water ingress and/or corrosion.

If water or corrosion is found:

- *1. Replace the cable harness according to VIDA instructions, function group 37xx cable harness front / rear bumper. Improved bumper harnesses are implemented from the date marking indicated on the label in attachment [TJ 31558.jpg](#)

NOTE: It is important to install plugged connectors (P/N 31412936) in any empty positions in the cable harness that are not used.

2. Replace any affected parking sensors and connectors/terminals to engine/luggage compartment with water ingress or signs of corrosion.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use VST Operations listed below along with the associated CSC.



VST Operation Number

VST Operation Number	Description
99400-2	Check of sensor
98631-2	Sensor harness replace acc. TJ 31558
86101-2	Cover bumper rear remove-install
36701-3	Rear parking assistance system sensor add replacement
36658-3	Front parking assistance system sensor add replacement
86103-2	Cover bumper front remove-install

VEHICLE REPORT:

Yes, please submit a Vehicle Report if the service solution described in this TJ has no effect or if the vehicle is outside the structure week, then also add a photo of the cable harness label. Use concern area "Vehicle Report" and sub concern area "Support not needed", use function group 3871.

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

