



Technical Journal

TITLE:

Park Assist System Service Required Message in DIM

REF NO: TJ 31558.4.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2018-04-24	STATUS DATE: 2018-05-01
FUNC GROUP: 3871	FUNC DESC: Parking assistance	Page 1 of 3	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234							2017-2018		0000001-0033401	201617-201734
235							2017-2018		0000001-0045391	201624-201734
236							2017-2018		0000001-0022056	201646-201734
246							2018-2018		0000001-0014500	201717-201734
256							2016-2018		0000001-0219190	201505-201734

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

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



DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
PAM	B1B4414	Permanent
PAM	B1B4496	Permanent
PAM	B1B4614	Permanent
PAM	B1B4696	Permanent
PAM	B1B4814	Permanent
PAM	B1B4896	Permanent
PAM	B1B5014	Permanent
PAM	B1B5096	Permanent
PAM	U2E0568	Permanent
PAM	B1B3612	Permanent
PAM	B1B3614	Permanent
PAM	B1B3696	Permanent
PAM	B1B3812	Permanent
PAM	B1B3814	Permanent
PAM	B1B3896	Permanent
PAM	B1B4012	Permanent
PAM	B1B4014	Permanent
PAM	B1B4096	Permanent
PAM	B1B4212	Permanent
PAM	B1B4214	Permanent
PAM	B1B4296	Permanent

Rows beginning with * are modified

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Text

DESCRIPTION:

* Add vehicle type

* If the Parking Assistance System (PAS) is not working and there is a message in the Driver Information Module (DIM) stating "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.

* New splice type has been introduced in supplier production from 2017W27 and was implemented in production between 2017w32 and 2017w34 depending on option variant for the vehicle.

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

**SERVICE:**

* Follow VIDA method for loosen the bumper skin. Disconnect all connectors to the parking sensors and connectors to engine/luggage compartment for visually check if there is water ingress and/or corrosion.

If water or corrosion is found:

1. Replace the cable harness.

Note: The cable harness is only available in one version, it is important to install plugged connectors P/N 31412936 in all empty positions in the cable harness that are not used.0

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

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.