



Technical Journal

TITLE:

Park Assist System Service Required Message in DIM

REF NO: TJ 31558.2.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2016-05-25	STATUS DATE: 2016-12-14
FUNC GROUP: 3871	FUNC DESC: Parking assistance	Page 1 of 2	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
256							2016-2017		0000001-0125976	201505-201628

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



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

Text

DESCRIPTION:

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

VIDA= Vehicle Information and Diagnostics for Aftersales

DIM = Driver Information Module

PAS = Parking Assistance System

SERVICE:

Follow VIDA method VCC-ID VCC-371179-31 and loosen the rear cover bumper skin. Disconnect all connectors to the rear parking sensors and 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 one version, it is important to install plugged connectors P/N 31412936 in all empty positions in the cable harness that are not used.

2. Replace affected parking sensors with water ingress or signs of corrosion (use VIDA method VIDA VCC-ID VCC-370514-12).

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.