



Technical Journal

TITLE:

Reduced power steering assistance during parking maneuvering

REF NO: TJ 34519.2.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2019-03-11	STATUS DATE: 2019-03-15
FUNC GROUP: 6422	FUNC DESC: Steering gear, servo complete	Page 1 of 2	

“Right first time in Time”

Attachment

File Name	File Size
TJ 34519.mp4	4.8696 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
536							2019-9999		0000001-9999999	201746-999952

CSC Customer Symptom Codes

Code	Description
QA	Steering/Steering requires extra or uneven effort

VST Operation Number

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
PSCM	U300094	Intermittent

Rows beginning with * are modified

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Text

DESCRIPTION:

If the driver quickly and repeatedly turns the steering wheel between its left/right end positions during idle, then a warning message about reduced steering assistance could occur in the drivers information module (DIM) and DTC PSCM-U300094 could be stored.

During frequent steering maneuvering while idling, the charging capacity of the alternator might not be sufficient and the state of charge (SOC) in the support battery may drop below 9V, which temporarily reduce the steering assistance for a short moment.

The symptom disappear automatically within 1-2 seconds after driver has finished the parking maneuver.

Affected vehicles are built from chassis number 63425, but also earlier vehicles could have this symptom if the vehicle has been updated with new software from 25th July 2018.

SERVICE:

* For critical customers who are requesting a service solution, then install a service fix software which will install the software that was used in production before July 25th 2018.

* CMQ PSCM Fix, Software P/N 32267714.

* For not critical cases, just inform the customer that a new improved software is scheduled to 2019 Q4.

* Note: There is no need to carry out any fault tracing for this symptom , and there is no need to replace hardware such as steering gear, alternator or support battery.

Warranty claim info:

To get warranty claim accepted for a job described in this TJ, please use following data:

VST OP number: 36004-2

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 not needed", use function group 6422.

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