



Technical Journal

TITLE:

Steering Assistance Temporarily Reduced, PSCM U30031CREF NO:
TJ 34142.4.0ISSUING DEPARTMENT:
Technical ServiceCAR MARKET:
United States and CanadaPARTNER:
3 US 7510 Volvo Car USAISSUE DATE:
2018-12-18STATUS DATE:
2018-12-20FUNC GROUP:
6422FUNC DESC:
Steering gear, servo complete**Page 1 of 3****“Right first time in Time”**

Attachment

File Name	File Size
TJ 34142 -1.jpg	0.0671 MB

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224							2019-2019		0000001-0001894	201835-201846
225							2019-2019		0000001-0024500	201817-201846
227							2019-2019		0000001-0000200	201845-201846
235							2019-2019		0084075-0098600	201817-201846
236							2019-2019		0066030-0077940	201817-201846
238							2019-2019		0078017-0104300	201817-201846
246							2019-2019		0176061-0291300	201817-201846
256							2019-2019		0415651-0469700	201817-201846

CSC Customer Symptom Codes

Code	Description
7G	Text window and warning symbol/Yellow symbol and text message



VST Operation Number

VST Operation Number	Description
31123-2	BCSM Reset procedure
31124-3	Battery charging in vehicle

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
PSCM	U30031C	Intermittent

Rows beginning with * are modified

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Text

DESCRIPTION:

If error message “Steering Assistance Temporarily Reduced” is displayed in the DIM while cranking and DTC PSCM-U30031C is stored, follow advice under Service section below.

This is just a message and steering assistance is not affected.

The condition could occur during start/stop activations. After cranking the steering assistance become normal and the error message disappears.

* The DTC indicate that one of the internal switches in the BCSM may be in the wrong position when cranking (during start/stop) and it could result in symptom similar to poor main battery state of charge (SOC).

SERVICE:

* Disconnect the S connector on the BCSM (4/153) for 15 minutes and then reconnect it, see picture.

* Check that both main and support battery is charged to at least 12.4 volts /70% SoC or more.

* At this point we do not see any need to replace the BCSM or any other components such as steering gear.

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 needed”, use function group 6420.

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

TJ 34142

