



# Technical Journal

TITLE:  
**Steering Assistance Temporarily Reduced, PSCM U30031C**

<b>REF NO:</b> TJ 34142.4.0	<b>ISSUING DEPARTMENT:</b> Technical Service	<b>CAR MARKET:</b> United States and Canada	
<b>PARTNER:</b> 3 US 7510 Volvo Car USA		<b>ISSUE DATE:</b> 2018-12-18	<b>STATUS DATE:</b> 2018-12-20
<b>FUNC GROUP:</b> 6422	<b>FUNC DESC:</b> 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

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

## 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

