


VOLVO CARS SERVICE AND PARTS BUSINESS			
<h2 style="margin: 0;">Technical Journal</h2>			
TITLE: <b>AW TG81SC shift quality</b>			
REF NO: <b>TJ 30695</b>	ISSUING DEPARTMENT: <b>Technical Service</b>	CAR MARKET: <b>United States and Canada</b>	
PARTNER: <b>3 US 7510 Volvo Cars North America</b>		ISSUE DATE: <b>2015-10-04</b>	STATUS DATE: <b>2015-10-14</b>
FUNC GROUP: <b>4371</b>	FUNC DESC: <b>Transmission (hydromechanical), complete</b>		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
1XX					C		2015-9999		0000001-0999999	201346-999952
1XX					D		2015-9999		0000001-0999999	201346-999952

### CSC Customer Symptom Codes

Code	Description
7Y	Automatic transmission/Gear changes take too long to complete/Unsure when/at all times
7Z	Automatic transmission/Shifts occur too early, too late, too often/Unsure when/at all times
MA	Automatic transmission/Shifts rough or jerky/Unsure when/at all times
ME	Automatic transmission/Shifts occur too early, too late, too often/When upshifting
MO	Automatic transmission/Shifts occur too early, too late, too often/When downshifting
MP	Automatic transmission/Possible to change gears, Shift lock does not work
MV	Automatic transmission/Gear changes take too long to complete/When downshifting
NB	Automatic transmission/Gear changes take too long to complete/When upshifting
ND	Automatic transmission/Shifts rough or jerky/When downshifting
NF	Automatic transmission/Shifts rough or jerky/When engaging gear at standstill
NO	Automatic transmission/Shifts occur too early, too late, too often/From Park to Reverse or Drive
NS	Automatic transmission/Shifts rough or jerky/When upshifting



## VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading
97026-3	Test drive acc. to QB/TJ
99900-2	General replacement acc. to TJ/QB

## DTC Diagnostic Trouble Codes

Rows beginning with \* are modified

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

## Text

### DESCRIPTION:

\* Changed VSTG number and updated info under service  
If bad shift quality with or without DTC occurs follow SERVICE below.

### VEHICLE REPORT:

Please follow the general TIE Reporting guidelines available in the TIE system under “Instructions”. If the symptom is not remedied by using this TJ, submit a Vehicle Report. When submitting a Vehicle Report for a condition described in this TJ, use concern area “Vehicle Report and sub concern area “Support Needed” with function group 4371.

### SERVICE:

\*In VIDA a new script recondition of transmission oil due to hard and jerky gear shifting has been developed. You find it under vehicle communication/TCM/advance.

The brake pedal must be pressed during the whole operation.  
To be able to use it some things need to be performed.

1. Start to download latest TCM SW according to VIDA.
2. Reset adaptations should be performed before starting the routine.
3. No active DTCs should be present.
4. Parking brake should be activated.
5. Start the script.

When the routine is completed a control module adaptation must be performed.

A test drive should be performed after the adaptation to evaluate the shift quality. If the quality has not improved enough, this routine can be performed a second time.