



Technical Journal

TITLE:

DIM message “gear lever service required” and DTC

REF NO: TJ 32469.5.0	ISSUING DEPARTMENT: Technical Service	CAR MARKET: United States and Canada	
PARTNER: 3 US 7510 Volvo Car USA		ISSUE DATE: 2019-08-26	STATUS DATE: 2019-08-27
FUNC GROUP: 4323	FUNC DESC: Gear lever, complete	Page 1 of 4	

“Right first time in Time”

Attachment

Vehicle Type

Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
224	10	B4204T23					2019-2019		-	201835-201911
224	25	B4204T26					2019-2019		-	201846-201911
224	A2	B4204T27					2019-2019		-	201835-201911
225	10	B4204T23					2019-2019		-	201817-201911
225	25	B4204T26					2019-2019		-	201835-201911
225	72	D4204T16					2019-2019		-	201817-201911
225	A2	B4204T27					2019-2019		-	201817-201911
225	A3	B4204T29					2019-2019		-	201817-201911
225	A8	D4204T14					2019-2019		-	201817-201911
225	AR	D4204T4					2019-2019		-	201846-201911
227	10	B4204T23					2019-2019		-	201846-201911
227	A8	D4204T14					2019-2019		-	201846-201911
227	AR	D4204T4					2019-2019		-	201846-201911
234	08	B4204T20					2017-2019		-	201617-201911
234	10	B4204T23					2017-2019		-	201617-201911
234	25	B4204T26					2018-2019		-	201746-201911
234	68	D4204T23					2017-2019		-	201617-201911
234	72	D4204T16					2019-2019		-	201817-201911
234	79	D4204T9					2017-2019		-	201646-201911



Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
234	A2	B4204T27					2017-2019		-	201617-201911
234	A3	B4204T29					2018-2019		-	201746-201911
234	A8	D4204T14					2017-2019		-	201617-201911
234	AD	D4204T7					2019-2019		-	201846-201911
234	AK	B4204T31					2018-2019		-	201746-201911
234	AL	B4204T44					2018-2019		-	201746-201911
235	10	B4204T23					2017-2019		-	201624-201911
235	25	B4204T26					2018-2019		-	201746-201911
235	68	D4204T23					2017-2019		-	201624-201911
235	72	D4204T16					2019-2019		-	201817-201911
235	79	D4204T9					2017-2019		-	201646-201911
235	A2	B4204T27					2017-2019		-	201624-201911
235	A3	B4204T29					2018-2019		-	201746-201911
235	A8	D4204T14					2017-2019		-	201624-201911
235	AD	D4204T7					2019-2019		-	201846-201911
235	AK	B4204T31					2018-2019		-	201746-201911
235	AL	B4204T44					2018-2019		-	201717-201911
235	AR	D4204T4					2017-2019		-	201646-201911
236	08	B4204T20					2017-2019		-	201646-201911
236	10	B4204T23					2017-2019		-	201646-201911
236	25	B4204T26					2018-2019		-	201746-201911
236	68	D4204T23					2017-2019		-	201646-201911
236	A2	B4204T27					2017-2019		-	201646-201911
236	A2	B4204T27					2019-2019		-	201846-201911
236	A3	B4204T29					2018-2019		-	201746-201911
236	A8	D4204T14					2017-2019		-	201646-201911
236	AD	D4204T7					2019-2019		-	201846-201911
238	10	B4204T23					2017-2019		-	201646-201911
238	98	B4204T23X					2017-2019		-	201710-201911
238	99	B4204T27X					2017-2019		-	201710-201911
238	A2	B4204T27					2018-2019		-	201746-201911
238	AL	B4204T44					2017-2019		-	201646-201911
246	08	B4204T20					2018-2019		-	201717-201911
246	10	B4204T23					2018-2019		-	201717-201911
246	25	B4204T26					2018-2019		-	201746-201911
246	68	D4204T23					2018-2019		-	201717-201911
246	A2	B4204T27					2018-2019		-	201746-201911
246	A2	B4204T27					2018-2019		-	201717-201911
246	A3	B4204T29					2018-2019		-	201746-201911
246	A8	D4204T14					2018-2019		-	201717-201911
246	AD	D4204T7					2019-2019		-	201846-201911



Type	Eng	Eng Desc	Sales	Body	Gear	Steer	Model Year	Plant	Chassis range	Struc Week Range
246	AK	B4204T31					2019-2019		-	201846-201911
246	AL	B4204T44					2018-2019		-	201746-201911
246	AR	D4204T4					2019-2019		-	201817-201911
256	08	B4204T20					2016-2019		-	201537-201911
256	10	B4204T23					2016-2019		-	201537-201911
256	25	B4204T26					2018-2019		-	201746-201911
256	68	D4204T23					2017-2019		-	201617-201911
256	A2	B4204T27					2016-2019		-	201505-201911
256	A2	B4204T27					2016-2019		-	201505-201911
256	A3	B4204T29					2018-2019		-	201746-201911
256	A4	D4204T11					2016-2019		-	201505-201911
256	A7	D4204T6					2016-2019		-	201546-201911
256	A8	D4204T14					2016-2019		-	201537-201911

CSC Customer Symptom Codes

Code	Description
7G	Text window and warning symbol/Yellow symbol and text message
IV	Text window and warning symbol/Text message
MP	Automatic transmission/Possible to change gears, Shift lock does not work

VST Operation Number

VST Operation Number	Description
36004-2	Software control module downloading

DTC Diagnostic Trouble Codes

Control Module	Code	Fault Type
ECM	U010387	Permanent
TCM	P086087	Permanent

Rows beginning with * are modified

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

Text

DESCRIPTION:

*Vehicle Types updated.

*In cases where DIM (driver information module) message “gear lever service required” and DTC stated below are set individually or in combination, please follow the advice under “Service”.

ECM U010387 (Lost Communication With Gear Shift Control Module A Bus Signal / Message Failures Missing message)



TCM P086087 (Gear Shift Control Module “A” Communication Circuit Bus Signal / Message Failures Missing message)

SERVICE:

A new GSM (Gear selector module) software is released.
Perform an upgrade of the software according to TJ 31543.

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 4323.