

Shift Quality 3-2 and/or 2-3 shift

Topic number	LI27.60-P-069032
Version	1
Function group	27.60 Gearshift, control
Date	11-16-2018
Validity	Model 166.063 with ENGINE 276.821, TRANSMISSION 724.204, ML 500 4MATIC HYBRID/GLE 500e 4MATIC/GLE 550e 4MATIC
Reason for change	
Reason for block	

Complaint:

Shift quality complaints during slightly braked 3-2 coasting downshift / 2-3 acceleration upshift / 3-4 deceleration upshift.

Cause:

Continuous optimization of transmission software.

Remedy:

Modified software,

Request flash support file with SW A 000 902 27 42 for control unit update (VGS4NAG2) via PTSS case.

Please enter FIN/VIN and Xentry data status in TIPS case.

Programming the control unit (VGS4NAG2) with FIN specific flash support file from TIPS file (see attachment).

Then, on vehicles with switching quality complaints, adapt 2-3 acceleration upshift or 3-2 coasting downshift in Sport drive program:

- Adapt 2-3 shift at least 5x or until no jolt is detectable at the beginning of the switch.
- Adapt 3-2 coasting downshift at least 5x.

Attach to the PTSS case :

-front SAM control unit log

-EEPROM file

Attachments	
File	Description
Sondersoftware aufspielen.pdf	Instructions for installing flash file/Instruction installing Flash-File

XENTRY TIPS

Symptoms

Power transmission / Automatic transmission / Function / Shifts

Power transmission / Automatic transmission / Function / Poor shift quality

Control unit/fault code

Control unit	Fault code	Fault text
Y3/8n4 - Fully integrated transmission control (VGS) (VGS4NAG2)	-	-

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0009022742			Control unit software VGS4NAG2	1	Request via TIPS case as FSF	

Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			5482S 45	Software release for shift quality of automatic transmission/dual clutch transmission shifting hard

Validity

Vehicle	Engine	Transmission
M/GLE (166) - 166.063	276.821	724.204