

XENTRY TIPS

5 to 4 coasting downshift - shift quality concern with cold transmission oil on MODEL 217 or 222 in combination with ENGINE 278 and TRANSMISSION 722.9 without code 835/498

Topic number	LI27.60-P-071237
Version	1
Function group	27.60 Gearshift, control
Date	04-28-2020
Validity	MODEL 217 or 222 in combination with ENGINE 278 and TRANSMISSION 722.9 without country code 835/498
Reason for change	
Reason for block	

Complaint:

5 to 4 coasting downshift - shift quality concern with cold transmission oil on MODEL 217 or 222 in combination with ENGINE 278 and TRANSMISSION 722.9.

Cause:

The 5 to 4 coasting downshift is caused by B2 shifting too quickly when the transmission oil temperature is in the +20 to +40 degrees Celsius range.

Remedy:

Enter revised characteristic data set in the + 10 to 40 degrees Celsius range.

Update software of transmission control unit VGS4NAG2 with Xentry (12/2019) and add-on (15322) or (03/2020) and add-on (15323) or later with SW A 000 902 45 42.

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

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A0009024542		Software for VGS4NAG2	1	Xentry (12/2019) and add-on (15322) or (03/2020) and add-on (15323) or later
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Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			5482S 45	Softwarestand Schaltqualität / Software release shift quality

Validity		
Vehicle	Engine	Transmission
S (217)	278	722.967
S (222)	278	722.967
S (222)	278	722.909