

Vibrations when cornering and shuddering during circular-course driving - 4MATIC

Topic number	LI28.00-P-051499
Version	4
Design group	28.00 General
Date	06-10-2014
Validity	Veh. with transmission model 722.96x with transmission sequence number between 4.720.000 and 4.787.465
Reason for change	Installation note inserted.
Reason for block	

Complaint:

Vibrations when cornering and shuddering during circular-course driving.

Cause:

Various drivetrain components, tolerance pairings of various components in 4MATIC drivetrain (differential, etc.).

Remedy:

Please perform an analysis by working through the fault tree.

In vehicles with a transmission sequence number between 4.720.000 and 4.787.465, please work through the "Special test fault tree".

Note: If the analysis with the fault tree indicates that the planet carrier must be replaced, immerse the new part in the specified oil prior to installation in order to ensure that it is properly coated.

Note 2: Running vehicle in drive with two wheels off the ground is not an approved repair and can lead to damage of the planet carrier.

Attachments	
File	Description
Fault tree Special test NAG2i.pdf	English fault tree for special test
Fault tree Procedure for vehicle juddering NAG2i US Edit.pdf	English V3 Procedure for brake judder NAG2i

Symptoms
Power transmission / Transfer case / Transfer case - noises / Humming/droning

Validity		
Vehicle	Engine	Transmission

XENTRY

*	*	722.966
*	*	722.967
*	*	722.963
*	*	722.964
*	*	722.961
*	*	722.965
*	*	722.962
*	*	722.960