

Noticeable Vibrations At The Steering Wheel

Topic number	LI46.35-P-073051
Version	1
Function group	46.35 - Electrical steering
Date	6/3/21
Validity	Model 253, from manufacturing date 01.03.2020 Model 293, from manufacturing date 01.03.2020 Model 205 with code M005 from manufacturing date 01.03.2020 Model 213 with code M005 from manufacturing date 01.03.2020 Model 238 with code M005 from manufacturing date 01.03.2020 Model 257 with code M005 from manufacturing date 01.03.2020
Reason for change	.

Complaint

Noticeable vibrations at the steering wheel:

- At speeds between 40mph and 75mph
- On straight stretches of road and in long corners
- With driver assistance systems switched on

Cause

Control oscillations in the electric power steering.

- Complaint only occurs with software 2389029205 (other software releases not affected)

Remedy

Perform software update of electric power steering (N68).

Note: Please ensure newest Xentry release software is installed and all addons are updated.

Symptoms				
Power transmission > Drive shaft > Propeller shaft > Function > Vibration/out-of-balance				
Power transmission > Drive shaft > Axle shaft > Function > Vibration/out-of-balance				
Chassis/suspension > Wheels/tires > Tire properties > Vibration/out-of-balance				
Chassis/suspension > Steering system > Steering wheel > Vibrates				
Chassis/suspension > Steering system > Steering wheel > Pulses				
Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note

XENTRY TIPS

			4649490	Electric rack-and-pinion steering control unit - Software release
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