

Model Series 253: Noticeable Vibrations In Steering Wheel

Topic number	LI46.35-P-062791
Version	12
Function group	46.35 - Electrical steering
Date	4/29/22
Validity	Model 253, up to manufacturing date
Reason for change	Remedy revised.
Reason for block	Software update still to come.

Complaint

1. Vibrations noticeable in steering wheel when front axle is excited while driving at a speed above 40 mph over an obstacle.

- Driving over deeply recessed manhole covers
- Driving over cross joints
- Driving over extreme surface undulations

2. Permanent or long-lasting vibrations at specific speed or engine speed noticeable on steering wheel.

- Roadway surface excitations when DTR+Q is switched on

Cause

Control oscillations in the electric power steering.

Remedy

Perform software update of electric power steering (N68).

If this measure is unsuccessful, do not perform any further repairs.

An update will be published as soon as revised software is available.

Symptoms
Power transmission > Drive shaft > Propeller shaft > Function > Vibration/out-of-balance
Power transmission > Drive shaft > Axle shaft > Function > Vibration/out-of-balance

XENTRY TIPS

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