

Humming, droning from the drivetrain on SPRINTER 2500 with all-wheel drive (4x4)

Topic number	LI35.00-N-060958
Version	5
Design group	35.00 General
Date	04-28-2016
Validity	Valid for Sprinter 906 3.5 ton (code IT4) with 5-speed automatic transmission 722.6XX (code G40) and all-wheel drive (code ZG1 or ZG3)
Reason for change	Updated remedy
Reason for block	

Complaint:

Humming, droning from the drivetrain SPRINTER 2500 with all-wheel drive (4x4).

- At constant speed above approx. 80 km/h (55 mph).
- When coasting in deceleration mode just before coming to a stop.
- Under gentle loads in the rpm range between 1800 and 2200 rpm.

Cause:

Vibrations in the rear axle may be transmitted into the interior through the leaf springs.

Remedy:

Replace rear leaf springs with updated damper springs (A 906 320 06 00).

Symptoms
Power transmission / Noises / Throbbing/intermittent humming
Chassis/suspension / Noises / Humming/droning/throbbing
Chassis/suspension / Noises / Vibrates
Power transmission / Noises / Humming/droning

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 906 320 06 00			Leaf Spring	2	Parts are not to be installed in 3500 or 2 Wheel Drive vehicles	X
A 906 324 00 50			Bushing	4	Always verify parts with EPC before ordering	X
N 000000 003276			Nut	6	Always verify parts with EPC before ordering	X

XENTRY TIPS

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
94-1015	NOISE LOCATE- SEPARATE PUNCH, IN/OUT MILES		32041 36	
32-4469	REPLACE LEAF SPRINGS			