
Humming, droning from the drivetrain.

Topic number	LI35.00-N-060958
Version	1
Design group	35.00 General
Date	03-04-2015
Validity	Valid for Sprinter 906 with 5-speed automatic transmission 722.6XX (code G40) and all-wheel drive (code ZG1 or ZG3)
Reason for change	
Reason for block	

Complaint:

Humming, droning from the drivetrain.

- 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:

The rear axle tends to vibrate (in this combination of drivetrain) and this vibration is transmitted into the interior by the leaf springs, where it is heard as a noise.

Remedy:

- Perform a test drive with the customer in order to reproduce the complaint.
- Check the change for conversions, upgrades and modifications (equipment installed as per body manufacturer specifications).
- Create a PTSS case with an accurate description of the complaint and documentation of the actual configuration of the vehicle.
- Case will be escalated to Engineer for analysis.

Symptoms
Power transmission / Power transmission, noise / Throbbing/intermittent humming
Chassis/suspension / Chassis, noises / Humming/droning/throbbing
Chassis/suspension / Chassis, noises / Vibrating
Power transmission / Power transmission, noise / Humming/droning

Validity		
Vehicle	Engine	Transmission
Sprinter III	642	722.683
Sprinter III	642	722.685
Sprinter III	642	722.684

Sprinter III	642	722.686
Sprinter III	651	722.683
Sprinter III	651	722.685
Sprinter III	651	722.684
Sprinter III	651	722.686