

Clunking noise on load change or gear engagement

Topic number	LI28.00-N-063339
Version	4
Function group	28.00 General
Date	10-20-2020
Validity	MODEL 906 - 4x4 and 907 - 4x4 (Option code ZG3)
Reason for change	Adding 907 - 4x4
Reason for block	

Complaint:

Clunking noise can be heard on some load changes or when changing from N->R or N->D

Cause:

Movement of transfer case splines

Remedy:

Apply bearing retainer (green) Loctite to both output shaft splines of the transfer case.

Loctite 648, 609 and 603 are acceptable for this repair.

Note: Do not apply Loctite to input shaft (connection with transmission) splines of the transfer case else possible damage could occur.

Symptoms
Power transmission / Noises / Throttle lift-off clunking noise
Power transmission / Noises / Knocks
Power transmission / Transfer case / Noises / Throttle lift-off clunking noise

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
28-4225	LOCTITE SPLINES		28001 36	

Validity		
Vehicle	Engine	Transmission
Sprinter 907	*	*
Sprinter III	*	*