

Thumping noises from front axle

Topic number	LI32.20-P-057942
Version	1
Design group	32.20 Steel springs/torsion bars, Niveaumat
Date	12-04-2013
Validity	Vehicles of W164, X164, model series 251 with steel or air suspension may be affected.
Reason for change	Operation number added
Reason for block	

Complaint:

Thumping noises from front axle when driving over bumps on road.

Cause:

A loose threaded connection between the torsion bar linkage and torsion bar or between the torsion bar linkage and suspension strut may be a possible cause (see attachment).

Remedy:

Retighten bolted connections
torsion bar linkage - stabilizer bar
torsion bar linkage - suspension strut
to 200 Nm (see also attachment)

Attachments	
File	Designation
Nachziehen der Schrauben Drehstabgestange .jpg	Torsion bar linkage

Symptoms
Chassis/suspension / Chassis, noises / Cracking
Chassis/suspension / Chassis, noises / Knocking
Chassis/suspension / Chassis, noises / Thumping
Chassis/suspension / Suspension/Dampening / Suspension system noises / Thumping noise
Chassis/suspension / Suspension/Dampening / AIRMATIC / AIRMATIC noise / Thumping/rumbling

Work units				
Op. no.	Operation text	Time	Damage code	Note
02-3659	CHECK TIGHTENING TORQUE AT FRONT TORSION BAR LINKAGE; TIGHTEN		32211 38	

Validity		
Vehicle	Engine	Transmission
164.120	*	*
164.122	*	*
164.125	*	*
164.128	*	*
164.172	*	*
164.175	*	*
164.177	*	*
164.186	*	*
164.822	*	*
164.825	*	*
164.828	*	*
164.871	*	*
164.886	*	*
251.020	*	*
251.022	*	*
251.026	*	*
251.054	*	*
251.056	*	*
251.065	*	*
251.072	*	*
251.075	*	*
251.077	*	*
251.122	*	*
251.125	*	*
251.126	*	*
251.154	*	*
251.156	*	*
251.165	*	*
251.172	*	*
251.175	*	*
251.177	*	*

Full model designation breakdown		
Vehicle	Engine	Transmission
164.120	642.940	722.902
164.122	642.940	722.902
164.125	642.820	722.902
164.128	629.912	722.903
164.172	273.963	722.904
164.175	113.964	722.901

164.177	156.980	722.907
164.186	272.967	722.906
164.822	642.940	722.902
164.825	642.820	722.902
164.828	629.912	722.903
164.871	273.923	722.904
164.886	273.963	722.904
251.020	642.950	722.902
251.022	642.950	722.902
251.026	642.950	722.902
251.054	272.945	722.999
251.056	272.967	722.906
251.065	272.967	722.906
251.072	273.963	722.904
251.075	113.971	722.901
251.077	156.980	722.907
251.122	642.950	722.902
251.125	642.870	722.902
251.126	642.950	722.902
251.154	272.945	722.999
251.156	272.967	722.906
251.165	272.967	722.906
251.172	273.963	722.904
251.175	113.971	722.901
251.177	156.980	722.907

Attachments

Nachziehen der Schrauben Drehstabgestänge .
jpg:

