

## Cracking/creaking noises from front axle when vehicle is subject to torsion or when steering wheel is turned

Topic number	LI46.40-P-047549
Version	1
Design group	46.40 Steering linkage
Date	08-13-2009
Validity	Up to VIN 211#####B100720, except 4x4; up to VIN 219#####A101957 Design modification to retaining plate so that greater clearance is given on 2.12.2006 for model series 211/219
Reason for change	Modification of validity / Supersedes DTB P-B-46.40/53a

**Complaint:**

Cracking/creaking noises from the steering plate at the front axle carrier may occur when steering. This is mainly heard when the vehicle is stationary or when the vehicle is moving slowly.

**Cause:**

Relative movement between the frame-type integral support and steering plate can cause the plate to make contact with the frame-type integral support of the front axle, which in turn causes noises.

**Remedy:**

On vehicles of model series 211/219, replace the retaining plate on the frame-type integral support (subframe).

Tightening torque for threaded connection securing retaining plate to frame-type integral support (subframe):

Model series 211 / model series 219, except 4x4: 110 Nm

Tightening torque for threaded connection securing rack-and-pinion steering to frame-type integral support and retaining plate:

Model series 211 / model series 219, except 4x4: 1. stage 70 Nm, 2nd stage + 90 °

<b>Symptoms</b>
Steering system / Cracking / Steering noise / Chassis/suspension /
Body / Body noises / Cracking/creaking / Body/Cab /
Front axle, noise / Axles / Chassis/suspension / Front axle / Cracking /

<b>Parts</b>							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Non-EPC
A2116280511			Plate	1	Model series 211/219, except 4x4	X	

Work units				
Op. no.	Operation text	Time	Damage code	Note
			46484 36	Refer to Warranty Matrix located on Netstar # VMI # Enter VIN # DTB # Find Document Number # Click on Related Warranty Information link