

Noise from area of electric steering

Topic number	LI46.35-P-064622
Version	1
Design group	46.35 Electric steering
Date	08-08-2016
Validity	Model 453
Reason for change	
Reason for block	

Complaint:

Two different noises might be heard:

Noise A: Metallic cracking noise when deflecting (see video).

Noise B: Creaking noise when steering or when driving over bumps (see video).

Attachments	
File	Description
Noise A.mp3	Noise A: Metallic cracking noise when deflecting
Noise B.mp3	Noise B: Creaking noise when steering or when driving over bumps.

Cause:

Noise A: Tolerances for steering may be exceeded.

Noise B: Possible fault on inner tie rod.

Remedy:

Two repair methods are available:

Noise A: Replace steering.

Noise B: Replace inner tie rods (parts kit for boot).

Note: Please refer to parts catalog for parts information. Delivery bottlenecks are currently affecting the replacement parts supply process. In this case, order the parts and arrange a later date for the customer vehicle to come in for the repair.

Symptoms

XENTRY TIPS

Chassis/suspension / Steering system / Noises / Cracking
Chassis/suspension / Steering system / Noises / Chattering/knocking
Chassis/suspension / Steering system / Noises / Humming/vibrations
Chassis/suspension / Steering system / Noises / Clattering

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			46480 GA	Rack-and-pinion steering has electric actuation noise
40-3611	STEERING RACK REPLACE			NOISE A
40-6500	ALIGNMENT CHECK			NOISE A
40-4064	ADJUST TOE			NOISE A
40-7007	INNER TIE RODS			NOISE B
40-6500	ALIGNMENT			NOISE B
40-4064	ADJUST TOE			NOISE B