

Squeaking Noise From Area Of Input Shaft Of Electric Steering

Topic number	LI46.35-P-074816
Version	1
Function group	46.35 - Electrical steering
Date	5/9/22
Validity	Model 177 up to 30.06.2021 model 247 up to 30.06.2021 model 243 up to 30.06.2021 model 118 up to 30.06.2021

Reason for change

Complaint

Squeaking noise from area of input shaft of electric steering.

- See noise video

Attachments	
File	Description
Noise File.mp4	Sound recording

Cause

Inadequate lubrication.

Remedy

Grease/lubricate sealing area of input shaft.

- The steering components can be greased/lubricated while they are still installed.

Procedure (observe pictures for remedy):

1. Detach lower cover of steering column cover in driver footwell (picture 1/2).
2. Fill 2 ml of grease/oil into the syringe (picture 3/4).
3. Move downward along the input shaft with the syringe needle until resistance can be felt (picture 5).
4. Once this resistance is encountered, push in the syringe needle approx. another 4 mm further so that the needle is located on the inside of the seal.
5. Press the content of the syringe into the inside of the seal (picture 6 / depicted in the removed state to aid understanding).
6. Remove the syringe and fully rotate left and right several times to ensure that the grease/oil is sufficiently distributed.

XENTRY TIPS

7. If the noise is still present, carry out the lubrication procedure again.
8. Once the noise has been eliminated, restore the vehicle to its complete state.

Attachments	
File	Description
Pictures work instruction.pptx	Pictures for work instructions

Symptoms
Chassis/suspension > Steering system > Noises > Beeping
Chassis/suspension > Steering system > Noises > Dragging/squealing

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
W000586007200			Syringe	1	5 syringes are included in the pack	X
A0029890651	09		Grease	1	Contents are sufficient for several vehicles	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			4649436	Noise from steering shaft sealing boot