

Noise or play at seat adjuster

Topic number	LI91.10-P-049894
Version	6
Function group	91.10 Front seats
Date	07-03-2018
Validity	Model series 204, 207, 212 and 218
Reason for change	op

Complaint:

Knocking noise when sitting, which can also be reproduced by firmly pulling the backrest backwards.

Cause:

Play in height adjustment gearing.

Attachments	
File	Description
PIC1.jpg	Position of height adjustment gearing
PIC2.jpg	Height adjustment gearing
PIC3.jpg	Height adjustment pinion

Remedy:

Model series 204.3, 207, 212 and 218:

- Adjust seat upwards, but not all the way to the top in order to avoid stresses.
- Remove seat cushion as per work instructions.
- Unscrew and remove mounting bolt of height adjustment gearing (see PIC1 and PIC2).
- Coat face of pinion (PIC3) with grease A0029890751.
- Fit shim and bolt from seat adjuster parts kit (PIC4) and lubricate contact surfaces with grease A0029890751.
- Align the shim so that it lies flat and so that its edge rests on the kidney-shaped part (PIC5).
- Tighten bolt to 4 Nm (+1).
- Move height adjustment across the entire range and check for proper operation and noise.
- Reinstall seat cushion as per work instructions.

Model series 204.0, 204.2, 204.9:

- Remove seat adjuster as per AR91.10-P-1450cw
- Remove rear seat height adjustment motor

Note: There is no specific assembly position to be observed

XENTRY TIPS

- Install new motor using the new mounting bolts included

Note: Observe tightening torque of 9 Nm (+/-1.5) for all bolts

- Reinstall seat adjuster in the reverse order

Attachments	
File	Description
PIC4.jpg	Shim and bolt fitted
PIC5.jpg	Shim correctly positioned

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 910 80 02			Seat adjuster parts kit	1	Parts kit with shim and bolt	X
A 002 989 07 51			Multipurpose grease	0.1		X
A 006 820 69 42			Electric motor	1	Left partially electric seat	X
A 006 820 68 42			Electric motor	1	Right partially electric seat	X
A 006 820 71 42			Electric motor	1	Left fully electric seat with memory	X
A 006 820 70 42			Electric motor	1	Right fully electric seat with memory	X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			91A27 17	Left front seat height adjustment
			91N27 17	Right front seat height adjustment
54-7989	GROUND LINE			for all listed remedies
91-5008	DRIVER SEAT CUSHION		91A27 17	DO NOT CLAIM FOR 204.0 or 204.9
91-5180	EXTRA OP DRIVER SIDE		91A27 17	DO NOT CLAIM FOR 204.0 or 204.9
91-5028	PASSENGER SIDE CUSION		91N27 17	DO NOT CLAIM FOR 204.0 or 204.9
91-5173	EXTRA OP PASS SIDE		91N27 17	DO NOT CLAIM FOR 204.0 or 204.9
91-3512	DRIVER SEAT RR 204.3 OR 204.9		91A27 17	ONLY FOR 204.0 or 204.9 DO NOT CLAIM FOR ANY OTHER CHASSIS
91-6601	DRIVER SEAT ADJ 204.3 OR 204.9		91A27 17	ONLY FOR 204.0 or 204.9 DO NOT CLAIM FOR ANY OTHER CHASSIS
91-6623	EXTRA OP DRIVER SEAT 204.3 OR 204.9 WITH OPTION 241 OR 275		91A27 17	ONLY FOR 204.0 or 204.9 DO NOT CLAIM FOR ANY OTHER CHASSIS
91-3602	PASS SEAT RR 204.3 OR 204.9		91N27 17	ONLY FOR 204.0 or 204.9 DO NOT CLAIM FOR ANY OTHER CHASSIS
91-6643	EXTRA OP PASS SEAT 204.3 OR 204.9 WITH OPTION 242 OR 275		91N27 17	ONLY FOR 204.0 or 204.9 DO NOT CLAIM FOR ANY OTHER CHASSIS
02-0001	UP TO 0.2HR FOR SEAT WORK			for all listed remedies

WIS-References

XENTRY TIPS

Document number	Title	Note	Allocation
AR91.10-P-3310CW	Remove/install seat cushion	For model series 207 and 212	Remedy
AR91.10-P-1450CW	Remove/install seat adjustment mechanism on front seat	Only necessary on model series 204	Remedy