

Cracking/Creaking Noises Coming From The Area Of The Mechanical Steering Column

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|-------------------|---|
| Topic number | LI46.15-P-071669 |
| Version | 1 |
| Function group | 46.15 Steering column adjustment |
| Date | 08-31-2020 |
| Validity | Model 205 with mechanical steering column adjustment (without code 275) Model 213 with mechanical steering column adjustment (without code 275) Model 238 with mechanical steering column adjustment (without code 275) Model 253 with mechanical steering column adjustment (without code 275) Model 257 with mechanical steering column adjustment (without code 275) |
| Reason for change | Code in validity section changed to 275 (was 475) |
| Reason for block | |

Complaint:

Loads induced at the steering wheel through pushing and pulling actions may cause creaking and cracking noises in the mechanical steering column.

Cause:

Insufficient grease lubrication in the clamping area of the mechanical steering column.

Remedy:

Grease the clamping area.

1. Create access to the steering column (see picture 1).
2. Open the steering column clamps (picture 1 / illustration A).
3. Re-grease the area/gap marked in red (picture 2/3).
4. Distribute the grease by operating the height adjustment.
5. Carry out a noise test and repeat the greasing process if necessary.
6. Remove any excess grease.
7. Install all components that were removed.

| Attachments | |
|-------------|-------------|
| File | Description |

XENTRY TIPS

| | |
|----------------------|-------------------|
| Work instruction.pdf | Work instructions |
|----------------------|-------------------|

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| Symptoms |
| Chassis/suspension / Steering system / Noises / Cracking |
| Chassis/suspension / Steering system / Noises / Clattering |
| Chassis/suspension / Steering system / Steering column adjustment / Clattering |
| Chassis/suspension / Steering system / Steering column adjustment / Knocks |

| Parts | | | | | | |
|-----------------|-----|-----|------------------|----------|---|-----|
| Part number | ES1 | ES2 | Designation | Quantity | Note | EPC |
| A 001 989 46 51 | | | Synthetic grease | | Only a very small quantity of grease is required! | X |

| Operation numbers/damage codes | | | | |
|---------------------------------------|----------------|------|-------------|---------------------------------|
| Op. no. | Operation text | Time | Damage code | Note |
| | | | 46201 36 | Noise from steering column tube |

| Validity | | |
|-----------------|--------|--------------|
| Vehicle | Engine | Transmission |
| C (205) | * | * |
| CLS (257) | * | * |
| E (213) | * | * |
| E (238) | * | * |
| GLC (253) | * | * |