

## Noise from area of roof frame, C-pillar when driving on rough terrain

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Topic number	LI65.20-P-076327
Version	1
Function group	65.20 - Roof frame
Date	5/25/23
Validity	Model series 167
Reason for change	

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### Complaint

Cracking and creaking noise from area of roof frame, C-pillar (inner) when driving on rough terrain.

### Cause

Sheet metal sections in the area of the roof frame, C-pillar (inner) could cause noises due to tension or contact of the sheet metal.

### Remedy

1. Remove the headliner and detach the head airbag in the working area.
2. Park vehicle in the sun/heat and allow it to warm up.
3. Then perform a test drive; the noise complaints must be reproducible.
4. Insert a flat head screwdriver through the body-in-white opening in the upper area of the roof frame at a flat angle to the side wall until resistance is met.
5. Check that the correct position has been reached, i.e. that the screwdriver has made contact at the two sections of sheet metal causing the noise in front of the caulking.
6. Work on the noise-causing sheet metal sections through the seam in order to separate them.
7. Perform a test drive and check the effectiveness.
8. Perform the anticorrosion protection in the working area according to manufacturer specifications.
9. Install remaining parts.

Attachments	
File	Description
<a href="#">rework.mp4</a>	Remedy for roof frame, C-pillar noise complaint video
<a href="#">Remedy for Roof Frame_C-Pillar Noise Complaint.pdf</a>	Remedy for Roof Frame, C-Pillar Noise Complaint

WIS-References		
Document number	Title	Note
AR68.30-P-4300ME	Remove/install headliner	Shown on model 167.1

Symptoms
Body > Body/Cab > Body noises > Cracking/creaking

Operation numbers/damage codes
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# XENTRY TIPS

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Op. no.	Operation text	Time	Damage code	Note
651170	Repair roof frame	2	65A0436	Left
651170	Repair roof frame	2	65N0436	Right
681614	Remove/install headliner			
681617	Remove/install headliner VEH with sliding sunroof			
681611	Remove/install headliner VEH with panoramic sliding sunroof			
910000	Unfasten/fasten left head sidebag unit			
910000	Unfasten/fasten right head sidebag unit			