

## V5 SuperSport Steering Wheel - Grinding Noise

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Topic number	LI46.10-P-072605
Version	1
Function group	46.10 - Steering wheel, jacket tube, steering shaft, steering lock
Date	3/10/21
Validity	Model series 223
Reason for change	

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### Complaint

The V5 SuperSport AMG Line steering wheel (L5C) makes grinding noises during steering maneuvers which originate from between the steering wheel and the steering column switch module

### Cause

The plastic cover on the back of the steering wheel is not positioned correctly and may therefore rub against the steering column switch module

### Remedy

The installed steering wheel must be removed as per the work instructions. (see: AR46.10-P-0100S)

Check for areas of rubbing:

1. Mask off openings on back of steering wheel with adhesive tape
1. Mark the back of the steering wheel with colored chalk (see Picture 1)
2. Mount steering wheel on steering column switch module and turn the steering wheel from left lock to right lock ten times.
3. The chalk will now have disappeared in the areas where there is rubbing (see Picture 2)

Warning: Ensure that no cables and visible areas of the steering wheel are damaged.

The abrasive excess material on the back of the steering wheel must be carefully removed with a Dremel tool.

Tip: You will need to remove approx. 0.1 mm to 0.3 mm of material (example: Picture 3)

Make sure that none of the ground-off material gets into the steering wheel.

After removing the material, clean the entire back of the steering wheel with a 1% soap solution.

Do not blow off the steering wheel with compressed air.

# XENTRY TIPS

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Attachments	
File	Description
<a href="#">Lenkradrückseite Kreide.jpg</a>	Picture 1: Steering wheel with chalk applied
<a href="#">Lenkradrückseite Kreide geschliffen.jpg</a>	Picture 2: Steering wheel showing areas where chalk has been rubbed away
<a href="#">Lenkrad abgeschliffen markiert.jpg</a>	Picture 3: Steering wheel with ground-off areas

Symptoms
Chassis/suspension > Steering system > Noises > Dragging/squealing
Chassis/suspension > Steering system > Steering wheel > Vibrates
Chassis/suspension > Steering system > Steering wheel > Pulses

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
		ZM	4624836	Steering wheel noise