



# FACTORY SERVICE BULLETINS

## Squeaking Steering Column in E320 and E430

If you encounter complaints of squeaking noises from the steering column, verify the noise with the engine off and the weight off the front wheels to eliminate any hydraulic noises from the pump and rack. Locate the source of the noise. If it is coming from the sealing boot between the firewall and the steering shaft, the boot should be replaced with Part Number A210 462 10 96 and be lubricated with the improved grease Part Number A001 989 84 51 10.

*Note: For all other E models, do not replace the boot. Simply lubricate the existing boot with the improved grease on both sealing surfaces inside and outside the front bulkhead.*

[Select Vehicle](#) | [New TSBs](#) | [Technician's Reference](#)

Component Search:

[Conversion Calculator](#)

2000 Mercedes Benz E 320 4MATIC Sedan (210.082) V6-3.2L (112.941)

[Vehicle Level](#) → [Technical Service Bulletins](#) → [All Technical Service Bulletins](#) → [Steering - Squeaking Noise Turning Steering Wheel](#) ←

## Steering - Squeaking Noise Turning Steering Wheel

Date: January 28, 2005

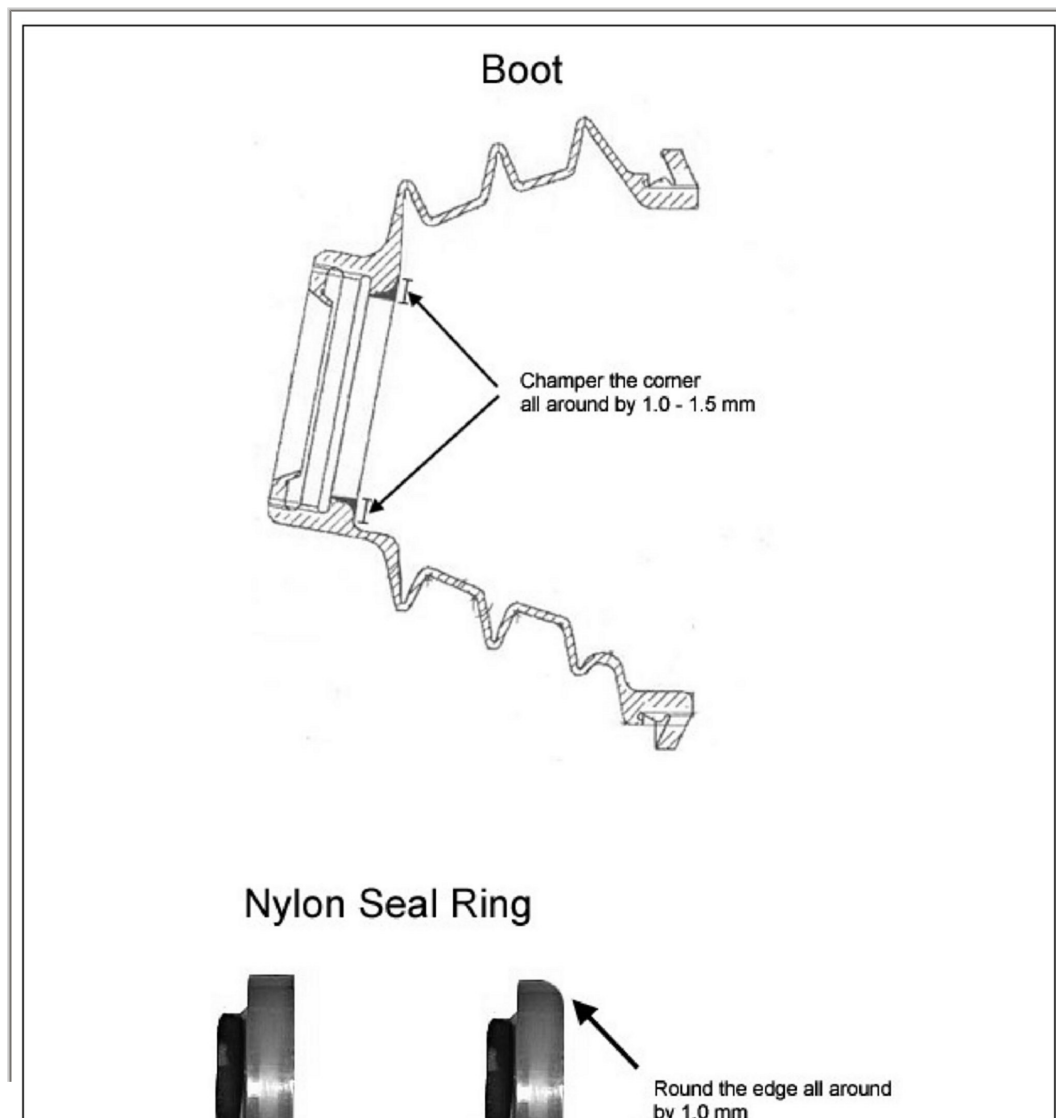
Order No.: P-B-46.10/19

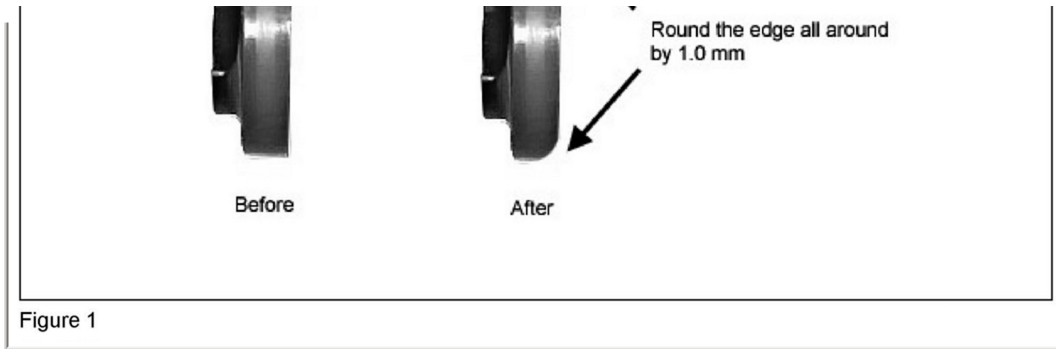
Supersedes: MB-Net No. 316 dated June 5, 2001

Group: 46

SUBJECT:

Model 210.082/083/282

Squeaking Noises When Slowly Turning The [Steering Wheel](#) and Engine is At Operating Temperature



If you receive customer reports in the above model vehicles of squeaking noises while slowly turning the [steering wheel](#) when engine is running at operating temperatures, locate the source of the noise. If the noise is coming from the sealing boot between the firewall and [steering shaft](#), the boot and the seal ring must be modified (Figure 1). Lubricate and re-install the modified boot and seal ring.

**Note:** Existing boot and the seal ring can be modified. After modifying these parts per Figure 1, lubricate the existing modified boot with grease part number A001 989 84 51 10 on both sealing surfaces of the boot (inside and outside the front bulkhead).

Qty.	Part Name	Part Number
1	Special Grease Lubricant	A001 989 84 51 10
1	Emery Cloth # 100	Local Purchase

#### Parts Information

**Note:** The following allowable labor operations should be used when submitting a warranty claim for this repair.

<b>Operation:</b> Boot – steering shaft, R&R/replace (46-7405) Boot and seal ring – steering shaft, modify (46-7410)			
Damage Code	Operation Number	Time (hrs.)	Model Indicator (s)
46209 36	46 7405	1.3 hrs.	E7, E8, F2
	46 7410	1.0 hrs.	E7, E8, F2

#### In Case of Warranty

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Component Search:

[Conversion Calculator](#)**2000 Mercedes Benz E 320 4MATIC Sedan (210.082) V6-3.2L (112.941)**[Vehicle Level](#) → [Technical Service Bulletins](#) → [All Technical Service Bulletins](#) → [Steering - Squeaking Noise](#) ←

## Steering - Squeaking Noise

Date: July 7, 2003

Order No.: P-B-46.20/12

Supersedes:

Group: 46

**SUBJECT:**

Model 210.065/070/072/074 up to VIN A999999

Model 210.065/070/072/074 up to VIN B502650

Model 210.065/082/083/265/282 up to VIN X097150

Hydraulic/Squeaking Noises from Power Steering System While Slowly Turning

[Steering Wheel](#)

If you receive customer reports of a squeaking noise while slowly turning the [steering wheel](#) in the referenced vehicles, that may be caused by the bottom radial shaft sealing ring on the control head. In that case, please perform the following procedure.

**Note** : DO NOT REPLACE THE STEERING RACK.

1. Verify that the power steering oil is properly filled and clean.
2. Verify that the strainer is properly secured in the reservoir and not causing aeration of the power steering oil.
3. Verify that the [steering shaft](#) boot is not the cause of the noise.
4. If the noise still exists, refer to the repair instructions as outlined in WIS document AF46.20-P-1100AG.