



SUBJECT

Noises when turning the steering wheel

MODEL

I01 (i3, i3 REx)

SITUATION

There are squeaking noises from the steering spindle when the steering wheel is turned.

CAUSE

The steering spindle sleeve's plastic bearing is insufficiently lubricated or not lubricated at all.

CORRECTION

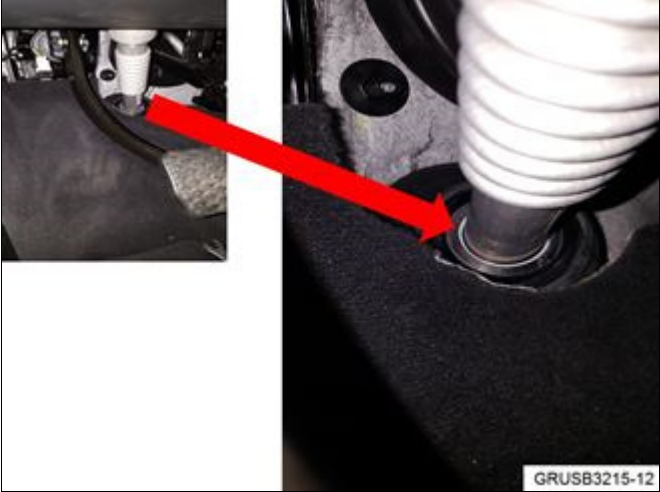
Lubricate the plastic bearing of the steering spindle gaiter.

PROCEDURE



1. Lubricate the engine compartment side of the steering spindle-
 - a. Refer to REP 51 64 050" Removing and installing/replacing front luggage compartment well" to gain access to the steering shaft bearing.
 - b. Lubricate the plastic ring of the sleeve on the steering shaft with the following agent: Universal plastic lubricant (BMW P/N 81 23 2 327 735).
 - c. To complete, distribute the lubricant by turning the steering left and right, and then repeat this operation three times.

2. Lubricate the under-dash portion of the steering spindle.
 - a. Refer to REP 51 45 184

| | |
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|  | <p>“Removing and installing/replacing trim panel for pedal mechanism” to gain access to the steering shaft bearing.</p> <p>b. Lubricate the plastic ring of the sleeve on the steering shaft with the following agent: Universal plastic lubricant (BMW P/N 81 23 2 327 735).</p> <p>c. To complete, distribute the lubricant by turning the steering left and right, and then repeat this operation three times.</p> |
|---|---|

PARTS INFORMATION

| Part Number | Description | Quantity |
|-----------------|-------------------------------------|----------|
| 83 23 2 327 735 | Universal Lubricating Spray – 12 oz | 2 oz |

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks.

| | | |
|-------------------------|-------------------------|---|
| Defect Code: | 32 31 12 39 00 | |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| 51 64 050 | Refer to KSD | Removing and installing/replacing front luggage compartment well |
| And: | | |
| 51 45 684 | Refer to KSD | Remove and install pedal trim |
| And | | |
| 32 99 000 | 4 FRU | Work time to turn steering column and lubricate plastic bearing as outlined |

Labor operation code 51 64 050 is a Main labor operation. If you are using a Main labor code for another repair, use the Plus code labor operation 51 64 550 instead.

Refer to KSD2 for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 32 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required.

And:

Sublet – Bulk Materials

| | | |
|---------------|--|---|
| Sublet Code 4 | See sublet reimbursement calculation below | Reimbursement for used quantity of Universal Lubricating Spray (P/N 83 23 2 327 735, 12 oz container. Do not use these part numbers for claim submission) |
|---------------|--|---|

Sublet calculation: Reimbursement for 2 oz of Universal Lubricating Spray (BMW bulk part number 83 23 2 327 735 – 12 oz container) at dealer net plus handling.

Enter this material cost in sublet and itemize the amount in the claim comment section.

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