

Symptom-based workshop manual

Service

180/20_{ENU} 4020

4

Noise Symptom - Creaking/Squeaking from Around the Front Axle When Driving on Uneven Surfaces: Replacing Hydraulic Mounts (SY 180/20)

Model Line: **Panamera (971)**

Model Year: **As of 2017 up to 2019**

Concerns: **Trailing arm bearings**

Symptom: Creaking or squeaking noises can be heard from around the front axle when driving on uneven surfaces. After checking, the lower trailing arm is identified as the component responsible for causing the noise.

Cause: The hydraulic mounts can cause squeaking noises due to unfavorable geometry.

Remedial Action: In the event of a customer complaint, replace both hydraulic mounts with new ones, see *⇒Workshop Manual '402055 Replacing trailing arm bearings'*.

Date of Introduction: Modified parts have been used since 05/27/2019.

Parts required

| Parts Info: | Part No. | Designation – Use | Qty. |
|-------------|------------|---|-------|
| | 971407183D | ⇒ Hydraulic mount – left | 1 ea. |
| | 971407182D | ⇒ Hydraulic mount – right | 1 ea. |
| | | Additional parts required | |
| | N 10628301 | ⇒ Hexagon flange bolt – Spring strut to lower trailing arm | 2 ea. |
| | N 10402904 | ⇒ Hexagon collar nut – Spring strut to lower trailing arm | 2 ea. |

Invoicing

Invoicing: For documentation and warranty invoicing, enter the labour operations, PQIS coding and part numbers specified below in the warranty claim:

| APOS | Labour operation | I No. |
|----------|---------------------------------|-------|
| 40205640 | Replacing trailing arm bearings | |

PQIS coding:

| | | |
|-------------------|-------|----------------------|
| Location (FES5) | 40200 | Trailing arm bearing |
| Damage type (SA4) | 2017 | Grating, creaking |

| Parts Info: | Part No. | Designation | Qty. |
|-------------|------------|--------------------------------------|-------|
| | | – Use | |
| | 971407183D | Hydraulic mount | 1 ea. |
| | | – left | |
| | 971407182D | Hydraulic mount | 1 ea. |
| | | – right | |
| | | Additional parts required | |
| | N 10628301 | Hexagon flange bolt | 2 ea. |
| | | – Spring strut to lower trailing arm | |
| | N 10402904 | Hexagon collar nut | 2 ea. |
| | | – Spring strut to lower trailing arm | |

References: ⇒ *Workshop Manual '402055 Replacing trailing arm bearings'*

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