

**WPM9 - Replacing Rear Axle Air Spring Bellows (Workshop Campaign)**

Model Line: **Cayenne (9YA / 9YB)**

Model Year: **2024**

Equipment: Adaptive air suspension with levelling system and height adjustment including Porsche Active Suspension Management (PASM) **(M-No. 1BK / 2MA / 2MB)**

Concerns: **Air spring bellows on the rear axle**

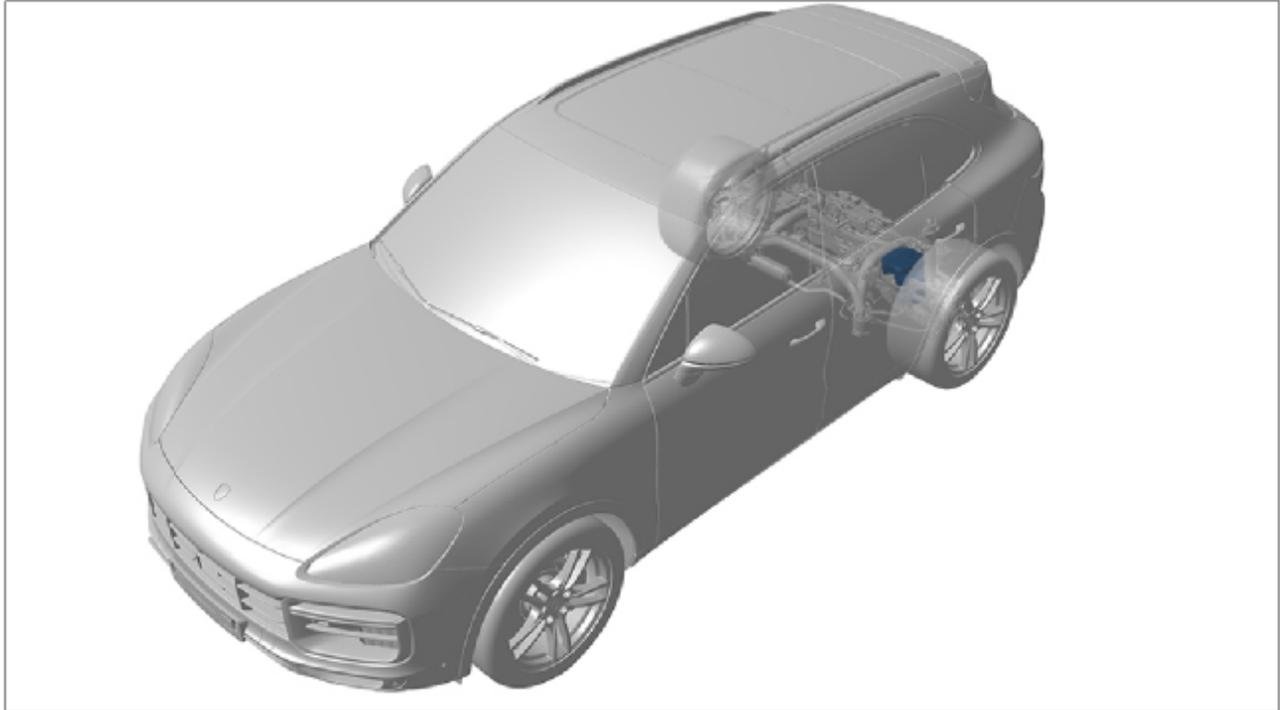
Cause: **The rear axle air spring bellows may not have been manufactured according to specifications on affected vehicles.**

It cannot be ruled out that the rear axle air spring bellows will lose pressure over its service life, causing the vehicle to tilt.

Action: Replace the left and right rear axle air spring bellows.

Affected Vehicles: Only vehicles assigned to the campaign (see also PCSS Vehicle Information).

Installation  
Position:



*Installation position of air spring bellows*

### Required parts

Parts Info:	Part No.	Designation – Location of use	Number
	9Y0616025D	⇒ Air springs – Rear axle, left	1 piece
	9Y0616026D	⇒ Air springs – Rear axle, right	1 piece
	N 91236301	⇒ Hexagon-head bolt (combination) M14 x 1.5 x 100 – Axle guide to wheel bearing housing	2 pieces
	PAF010332	⇒ Hexagon flange nut, self-locking M14 x 1.5 – Axle guide to wheel bearing housing	2 pieces

N 91236401	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 100 – Spring damper on trailing arm	2 pieces
N 10106403	⇒ Hexagon collar nut, self-locking M12 x 1.5 – Spring damper on trailing arm	2 pieces

**Additional parts required for adjusting the chassis:**

PAF91237901	⇒ Hexagon flange bolt (combination), M14 x 1.5 x 100 – Front axle carrier on body rear	4 pieces
PAF91184301	⇒ Hexagon-head bolt, M12 x 1.5 x 90 – Front axle carrier on body	4 pieces
PAF005372	⇒ Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51 – Front-axle support to front-axle carrier	2 pieces
PAF911511	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 42 – Front-axle support to front-axle carrier	4 pieces
WHT002305	⇒ Square nut, M12 x 1.5 – Front-axle support to front-axle carrier	4 pieces

Valid for vehicles **with** Porsche Dynamic Chassis Control (PDCC) (**M-No. 1P7**) and **without** engine underprotection (**M-No. 1SF**)

PAF00072900	⇒ Hexagon socket head bolt – Front section of front underbody cover	3 pieces
-------------	--	----------

**or**

Valid for vehicles **with** engine underprotection (**M-No. 1SF**)

N 10082912	⇒ Hexagon flange bolt (combination), M6 x 16 – Front engine protection on holder	3 pieces
------------	---	----------

Materials: **Required materials** (usually already available in the Porsche Center)

Part No.	Designation – Location of use	Quantity
00004330508	⇒ Optimoly TA (aluminium paste) – Wheel centring surfaces on the wheel hub	0.02 pieces

## Required tools

- Tools:
- Torque wrench, 2-10 Nm (1.5-7.5 ftlb.), e.g. **V.A.G 1783 - Torque wrench, 2-10 Nm (1.5-7.5 ftlb.)**
  - Torque wrench, 20-100 Nm (15-74 ftlb.), e.g. **VAS 5820 - Torque wrench, 20-100 Nm (15-74 ftlb.)**
  - Torque wrench, 40-200 Nm (30-148 ftlb.), e.g. **V.A.G 1332A - Torque wrench, 40-200 Nm (30-148 ftlb.)**
  - Transmission and gearbox jack, e.g. **VAS 6931 - Transmission and gearbox jack**
  - **P90999 - PIWIS Tester 4**
  - Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - battery charger 90 A**

### Additional required tools for measuring and adjusting the assist systems

- **9229/1 - Puller hook**
- **T40183 - Insertion tool**
- **VAS 6826 - Steering wheel balance**
- **VAS 6918 - Quick-clamping unit**
- **VAS 6430/1A - Adjustment device with reflector**
- **VAS 6430/3 - Mirror for adjustment device**
- **VAS 6350/2A - Spacing laser**
- **VAS 6350A - Calibration unit**
- **VAS 6430/4 - Lane Keep Assist calibration board**
- **VAS 6430/6 - Night View Assist calibration unit**

## Replacing left and right rear axle air spring bellows

- Work Procedure: 1 Replace the left and right rear axle air spring bellows.  
⇒ *Workshop Manual '434355 Replace air bellows'*
- 2 Enter the campaign in the Warranty and Maintenance logbook.

## Warranty processing



### Information

The specified labor times were determined specifically for carrying out this campaign and include all necessary preliminary and subsequent rework. The labor times may differ from the labor times published in the Labor Operation List in PCSS.

### Scope 1: Replacing left and right rear axle air spring bellows

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) (**M-No. 1P7**)
- **with** engine underprotection (**M-No. 1SF**)

- **with** Porsche InnoDrive with speed limiter **(M-No. 3V2)** or adaptive cruise control with speed limiter **(M-No. 8T8)**
- **with** traffic sign recognition **(M-No. QR9)**
- **with** Night View Assist **(M-No. 9R1)**

**Labor time:**

Replacing left and right rear axle air spring bellows Labor time: **493 TU**

Includes: Removing and installing engine underprotection  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera  
 Adjusting distance measuring sensor control unit  
 Calibrating camera for night vision system

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x 100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
N 10082912	Hexagon flange bolt (combination), M6 x 16	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 2: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) **(M-No. 1P7)**
- **with** engine underprotection **(M-No. 1SF)**

- **without** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **with** traffic sign recognition (**M-No. QR9**)
- **without** Night View Assist (**M-No. 9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **454 TU**

Includes: Removing and installing engine underprotection  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
N 10082912	Hexagon flange bolt (combination), M6 x 16	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 3:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) (**M-No. 1P7**)
- **without** engine underprotection (**M-No. 1SF**)
- **with** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **with** traffic sign recognition (**M-No. QR9**)

- **with Night View Assist (M-No. 9R1)**

**Labor time:**

Replacing left and right rear axle air spring bellows Labor time: **485 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera  
 Adjusting distance measuring sensor control unit  
 Calibrating camera for night vision system

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 4:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) (M-No. 1P7)
- **without** engine underprotection (M-No. 1SF)
- **with** Porsche InnoDrive with speed limiter (M-No. 3V2) **or** adaptive cruise control with speed limiter (M-No. 8T8)
- **with** traffic sign recognition (M-No. QR9)
- **without** Night View Assist (M-No. 9R1)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **473 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera  
 Adjusting distance measuring sensor control unit

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 5:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) (**M-No. 1P7**)
- **without** engine underprotection (**M-No. 1SF**)
- **with** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **without** traffic sign recognition (**M-No. QR9**)
- **without** Night View Assist (**M-No. 9R1**)

<b>Labor time:</b>		
Replacing left and right rear axle air spring bellows		Labor time: <b>451 TU</b>
Includes:	Removing and installing cover for front underbody cover Measure vehicle at the front and rear and make adjustments Adjusting distance measuring sensor control unit	
<b>Required parts:</b>		
9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces
⇒ <b>Damage number WPM9 066 000 2</b>		

Scope 6:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) **(M-No. 1P7)**
- **without** engine underprotection **(M-No. 1SF)**
- **without** Porsche InnoDrive with speed limiter **(M-No. 3V2)** or adaptive cruise control with speed limiter **(M-No. 8T8)**
- **with** traffic sign recognition **(M-No. QR9)**
- **without** Night View Assist **(M-No. 9R1)**

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **446 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 7:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) (**M-No. 1P7**)
- **without** engine underprotection (**M-No. 1SF**)
- **without** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **without** traffic sign recognition (**M-No. QR9**)
- **with** Night View Assist (**M-No. 9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **432 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating camera for night vision system

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 8:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **with** Porsche Dynamic Chassis Control (PDCC) **(M-No. 1P7)**
- **without** engine underprotection **(M-No. 1SF)**
- **without** Porsche InnoDrive with speed limiter **(M-No. 3V2)** or adaptive cruise control with speed limiter **(M-No. 8T8)**
- **without** traffic sign recognition **(M-No. QR9)**
- **without** Night View Assist **(M-No. 9R1)**

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **406 TU**Includes: Removing and installing cover for front underbody cover  
Measure vehicle at the front and rear and make adjustments**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
PAF00072900	Hexagon socket head bolt	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 9:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (**M-No.: 1P7**)
- **with** engine underprotection (**M-No. 1SF**)
- **with** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **with** traffic sign recognition (**M-No. QR9**)
- **without** Night View Assist (**M-No. 9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **477 TU**

- Includes:
- Removing and installing engine underprotection
  - Measure vehicle at the front and rear and make adjustments
  - Calibrating front camera
  - Adjusting distance measuring sensor control unit

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
N 10082912	Hexagon flange bolt (combination), M6 x 16	3 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 10: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (M-No.: **1P7**)
- **with** engine underprotection (M-No. **1SF**)
- **without** Porsche InnoDrive with speed limiter (M-No. **3V2**) or adaptive cruise control with speed limiter (M-No. **8T8**)
- **with** traffic sign recognition (M-No. **QR9**)
- **without** Night View Assist (M-No. **9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **450 TU**

Includes: Removing and installing engine underprotection  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
N 10082912	Hexagon flange bolt (combination), M6 x 16	3 pieces

⇒ **Damage number WPM9 066 000 2**Scope 11: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (**M-No.: 1P7**)
- **without** engine underprotection (**M-No. 1SF**)
- **with** Porsche InnoDrive with speed limiter (**M-No. 3V2**) or adaptive cruise control with speed limiter (**M-No. 8T8**)
- **with** traffic sign recognition (**M-No. QR9**)
- **with** Night View Assist (**M-No. 9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **481 TU**

- Includes:
- Removing and installing cover for front underbody cover
  - Measure vehicle at the front and rear and make adjustments
  - Calibrating front camera
  - Adjusting distance measuring sensor control unit
  - Calibrating camera for night vision system

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 12: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (M-No.: **1P7**)
- **without** engine underprotection (M-No. **1SF**)
- **with** Porsche InnoDrive with speed limiter (M-No. **3V2**) or adaptive cruise control with speed limiter (M-No. **8T8**)
- **with** traffic sign recognition (M-No. **QR9**)
- **without** Night View Assist (M-No. **9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **469 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Calibrating front camera  
 Adjusting distance measuring sensor control unit

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces

⇒ **Damage number WPM9 066 000 2**Scope 13: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (**M-No.:** **1P7**)
- **without** engine underprotection (**M-No.** **1SF**)
- **with** Porsche InnoDrive with speed limiter (**M-No.** **3V2**)**or** adaptive cruise control with speed limiter (**M-No.** **8T8**)
- **without** traffic sign recognition (**M-No.** **QR9**)
- **with** Night View Assist (**M-No.** **9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **458 TU**

- Includes:
- Removing and installing cover for front underbody cover
  - Measure vehicle at the front and rear and make adjustments
  - Adjusting distance measuring sensor control unit
  - Calibrating camera for night vision system

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 14: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (M-No.: **1P7**)
- **without** engine underprotection (M-No. **1SF**)
- **with** Porsche InnoDrive with speed limiter (M-No. **3V2**) or adaptive cruise control with speed limiter (M-No. **8T8**)
- **without** traffic sign recognition (M-No. **QR9**)
- **without** Night View Assist (M-No. **9R1**)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **447 TU**

Includes: Removing and installing cover for front underbody cover  
 Measure vehicle at the front and rear and make adjustments  
 Adjusting distance measuring sensor control unit

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces

⇒ **Damage number WPM9 066 000 2**

Scope 15:

**Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (**M-No.:** **1P7**)
- **without** engine underprotection (**M-No.** **1SF**)
- **without** Porsche InnoDrive with speed limiter (**M-No.** **3V2**) or adaptive cruise control with speed limiter (**M-No.** **8T8**)
- **with** traffic sign recognition (**M-No.** **QR9**)
- **without** Night View Assist (**M-No.** **9R1**)

<b>Labor time:</b>		
Replacing left and right rear axle air spring bellows		Labor time: <b>442 TU</b>
Includes:	Removing and installing cover for front underbody cover	
	Measure vehicle at the front and rear and make adjustments	
	Calibrating front camera	
<b>Required parts:</b>		
9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces
⇒ Damage number WPM9 066 000 2		

Scope 16: **Replacing left and right rear axle air spring bellows**

Affects vehicles with the following equipment:

- **without** Porsche Dynamic Chassis Control (PDCC) (M-No.: 1P7)
- **without** engine underprotection (M-No. 1SF)
- **without** Porsche InnoDrive with speed limiter (M-No. 3V2) or adaptive cruise control with speed limiter (M-No. 8T8)
- **without** traffic sign recognition (M-No. QR9)
- **without** Night View Assist (M-No. 9R1)

**Labor time:**

Replacing left and right rear axle air spring bellows

Labor time: **402 TU**

Includes: Removing and installing cover for front underbody cover  
Measure vehicle at the front and rear and make adjustments

**Required parts:**

9Y0616025D	Air springs	1 piece
9Y0616026D	Air springs	1 piece
N 91236301	Hexagon-head bolt (combination) M14 x 1.5 x 100	2 pieces
PAF010332	Hexagon flange nut, self-locking M14 x 1.5	2 pieces
N 91236401	Hexagon-head bolt (combination) M12 x 1.5 x100	2 pieces
N 10106403	Hexagon collar nut, self-locking, M12 x 1.5	2 pieces
PAF91237901	Hexagon flange bolt (combination), M14 x 1.5 x 100	4 pieces
PAF91184301	Hexagon-head bolt, M12 x 1.5 x 90	4 pieces
PAF005372	Cheese head bolt with multiple-tooth head, M12 x 1.5 x 51	2 pieces
PAF911511	Hexagon-head bolt (combination) M12 x 1.5 x 42	4 pieces
WHT002305	Square nut, M12 x 1.5	4 pieces

⇒ **Damage number WPM9 066 000 2**

**Important Notice:** Technical Bulletins issued by Porsche Cars North America, Inc. are intended only for use by professional automotive technicians who have attended Porsche service training courses. They are written to inform those technicians of conditions that may occur on some Porsche vehicles, or to provide information that could assist in the proper servicing of a vehicle. Porsche special tools may be necessary in order to perform certain operations identified in these bulletins. Use of tools and procedures other than those Porsche recommends in these bulletins may be detrimental to the safe operation of your vehicle, and may endanger the people working on it. Properly trained Porsche technicians have the equipment, tools, safety instructions, and know-how to do the job properly and safely. Part numbers listed in these bulletins are for reference only. The work procedures updated electronically in the Porsche PIWIS diagnostic and testing device take precedence and, in the event of a discrepancy, the work procedures in the PIWIS Tester are the ones that must be followed.

© 2024 Porsche Cars North America, Inc.