

**WND6 – Replacing Front Right Air-Spring Strut (Workshop Campaign)**

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

Model Year: **As of 2021 up to 2022**

Concerns: **Air-spring strut front right**

Information: **There is a possibility that the air-spring strut on the right of the front axle was not manufactured according to specifications on the affected vehicles.**

A gradual loss of pressure at the air-spring strut cannot be ruled out.

The vehicle would lower at the front right and one of the following messages would be displayed in the instrument cluster:

- 'Vehicle extremely low - wait for driving readiness, do not drive off'
- 'Chassis system fault – Adapt driving style, visit workshop'
- 'Chassis system not ready for operation - park vehicle safely'

Action required: For this reason, the air-spring strut on the front axle at the right must be replaced.

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



**Information**

**Every vehicle is assigned just one campaign scope.**

⇒ To find out which scope is assigned to the relevant vehicle, see PCSS Vehicle Information.

**Scope 1:** Vehicles without electronically controlled damping

**Scope 2:** Vehicles with electronically controlled damping, sports version **(M-no. 2MA)**

**Scope 3:** Vehicles with electronically controlled damping **(M-no. 2MB)**

**Required tool**

- Tools:
- **3424 - Spreader**
  - **VAS 6935 - Pole terminal puller** or equivalent
  - Suitable transmission and engine jack, e.g. **VAS 6931 - transmission and engine jack**
  - 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.)** or equivalent
  - Torque wrench, 6-50 Nm (4.5-37 ftlb.) e.g. **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)** or equivalent
  - Torque wrench, 40-200 Nm (30-148 ftlb.) e.g. **VAG 1332 torque wrench, 40-200 Nm (30-148 ftlb.)** or equivalent

- **9900 - PIWIS Tester 3**
- Battery charger with a current rating of **at least 90 A**, e.g. **VAS 5908 - battery charger 90A**

### Replacing front right air spring strut

- Work Procedure: 1 Remove front right wheel. ⇒ *Workshop Manual '440519 Removing and installing wheel'*
- 2 **Replacing front right air spring strut.** ⇒ *Workshop Manual '433019 Removing and installing front air-spring strut'*
- 3 Install front right wheel. ⇒ *Workshop Manual '440519 Removing and installing wheel'*
- 4 Enter the campaign in the Warranty and Maintenance booklet.

### Invoicing



#### 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 PIWIS.

#### Scope 1: **Replacing front right air spring strut**

Relevant for

- Vehicles without electronically controlled damping

#### Labor time:

Replacing front right air spring strut

Labor time: **285 TU**

Includes: Raising and lowering the vehicle  
 Removing and installing front right wheel  
 Bleeding and filling the air spring strut  
 Removing and installing shock absorber fork  
 Removing and installing strut (dome strut)

#### Required parts:

V04015010A	⇒ Air springs – front right	1 piece
PAF912603	⇒ Hexagon-head bolt with washer M8 x 34 – Air spring to body	3 pieces
N 10106402	⇒ Hexagon collar nut, self-locking M12 x 1.5 – Spring strut to spring strut fork	1 piece

N 10272202	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 95 – Spring strut to spring strut fork	1 piece
N 10784702	⇒ Hexagon flange bolt M12 x 1.5 x 85 – Spring strut to lower trailing arm	1 piece
PAF001987	⇒ Hexagon nut, self-locking with washer M12 x 1.5 – Spring strut to lower trailing arm	1 piece
N 90335005	⇒ Clamping washer 5 x 30 – Sound absorber	6 piece
<b>Additional parts required – equipment-specific:</b>		
WHT007061	⇒ 12-point bolt M10 x 85 – Connecting link to spring strut (conventional, M-no. 1P0)	1 piece
<b>or</b>		
WHT007422	⇒ 12-point bolt M12 x 85 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece
PAF102861	⇒ Hexagon nut M10 – Connecting link to spring strut (conventional, M-no. 1P0)	1 piece
<b>or</b>		
PAF015081	⇒ Hexagon collar nut M12 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece
<b>Required materials</b> (usually already available at the Porsche dealer):		
00004330508	⇒ Mounting paste (100 g/ 3.53 oz tube) – Wheel centering surface to wheel hub	0.01 piece
⇒ <b>WND6 Damage code 066 000 2</b>		

Scope 2: **Replacing front right air spring strut**

Relevant for

- Vehicles with electronically controlled damping, sports version (**M-no. 2MA**)

**Labor time:**

Replacing front right air spring strut

Labor time: **285 TU**

Includes: Raising and lowering the vehicle  
 Removing and installing front right wheel  
 Bleeding and filling the air spring strut  
 Removing and installing shock absorber fork  
 Removing and installing strut (dome strut)

**Required parts:**

V04015010B	⇒ Air springs – front right	1 piece
PAF912603	⇒ Hexagon-head bolt with washer M8 x 34 – Air spring to body	3 pieces
N 10106402	⇒ Hexagon collar nut, self-locking M12 x 1.5 – Spring strut to spring strut fork	1 piece
N 10272202	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 95 – Spring strut to spring strut fork	1 piece
N 10784702	⇒ Hexagon flange bolt M12 x 1.5 x 85 – Spring strut to lower trailing arm	1 piece
PAF001987	⇒ Hexagon nut, self-locking with washer M12 x 1.5 – Spring strut to lower trailing arm	1 piece
N 90335005	⇒ Clamping washer 5 x 30 - Sound absorber	6 pieces

**Additional parts required – equipment-specific:**

WHT007061	⇒ 12-point bolt M10 x 85 – Connecting link to spring strut (conventional, M-no. 1P0)	1 piece
<b>or</b>		
WHT007422	⇒ 12-point bolt M12 x 85 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece
PAF102861	⇒ Hexagon nut M10 – Connecting link to spring strut (conventional, M-no. 1P0)	1 piece
<b>or</b>		
PAF015081	⇒ Hexagon collar nut M12 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece

**Required materials** (usually already available at the Porsche dealer):

00004330508	⇒ Mounting paste (100 g/ 3.53 oz tube) - Wheel centering surface to wheel hub	0.01 piece
⇒ WND6 Damage code 066 000 2		

Scope 3: **Replacing front right air spring strut**

Relevant for

- Vehicles with electronically controlled damping (**M-no. 2MB**)

<b>Labor time:</b>		
Replacing front right air spring strut		Labor time: <b>285 TU</b>
Includes:	Raising and lowering the vehicle Removing and installing front right wheel Bleeding and filling the air spring strut Removing and installing shock absorber fork Removing and installing strut (dome strut)	
<b>Required parts:</b>		
V04015010C	⇒ Air springs - front right	1 piece
PAF912603	⇒ Hexagon-head bolt with washer M8 x 34 - Air spring to body	3 pieces
N 10106402	⇒ Hexagon collar nut, self-locking M12 x 1.5 - Spring strut to spring strut fork	1 piece
N 10272202	⇒ Hexagon-head bolt (combination) M12 x 1.5 x 95 - Spring strut to spring strut fork	1 piece
N 10784702	⇒ Hexagon flange bolt M12 x 1.5 x 85 - Spring strut to lower trailing arm	1 piece
PAF001987	⇒ Hexagon nut, self-locking with washer M12 x 1.5 - Spring strut to lower trailing arm	1 piece
N 90335005	⇒ Clamping washer 5 x 30 - Sound absorber	6 pieces
<b>Additional parts required – equipment-specific:</b>		
WHT007061	⇒ 12-point bolt M10 x 85 - Connecting link to spring strut (conventional, M-no. 1PO)	1 piece
or		

WHT007422	⇒ 12-point bolt M12 x 85 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece
PAF102861	⇒ Hexagon nut M10 – Connecting link to spring strut (conventional, M-no. 1P0)	1 piece
<b>or</b>		
PAF015081	⇒ Hexagon collar nut M12 – Connecting link to spring strut (PDCC, M-no. 1P7)	1 piece
<b>Required materials</b> (usually already available at the Porsche dealer):		
00004330508	⇒ Mounting paste (100 g/ 3.53 oz tube) – Wheel centering surface to wheel hub	0.01 piece
⇒ <b>WND6 Damage code 066 000 2</b>		

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