

WPDO – Replacing Engine Mounts at the Left and Right (Stop Delivery)

Model Line: **Panamera (971)**

Model Year: **2023**

Concerns: **Left and right engine mount**

Cause: **There is a possibility that the engine mount on the left and right on the affected vehicles was not manufactured according to specifications.**

This can result in loosening of the screw connection on the engine mounts while driving. This can result in noises and vibrations in the engine compartment area.

Action: Replacing the left and right engine mountss

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

Required tools

- Tool:
- **9900 - PIWIS Tester 3/4**
 - **Battery charger with a current rating of at least 90 A, e.g. VAS 5908 Battery charger 90A**
 - **VAS 6832 - Master Gear unit elevating platform**
 - **VAS 6832/7 - Assembly fixture - Panamera G2**
 - **9229/1 - 9229/1 - Puller hook**
 - **T10439 - T10439 - Assembly pin**
 - **VAS 6931 - Transmission and gearbox jack**
 - **VAS 6926 - Puller set**
 - **T10187 - T10187 - Press-out tool**
 - **VW552 - VW552 - Spring compressor**
 - **T40093/50 - T40093/50 - Base**
 - **T40093/3P - T40093/3P - Support**
 - **T40091/50-51 - T40091/50-51 - Support**
 - **T40091/1 - T40091/1 - Pipe**
 - **T40091/3 - T40091/3 - Joiner**
 - **10-222A/2 - 10-222A/2 - Additional hook**
 - **3033 - 3033 - Lifting tackle**
 - **VAS 6942 - Torque–torque angle –key, 20-400 Nm (14-295 ftlb.)**
 - **V.A.G 1332A - Torque wrench, 40-200 Nm (30-148 ftlb.)**

Required parts

Required parts: The parts required depending on the respective campaign scope are covered in the **“Warranty processing”** section.

In the **“Parts”** table view in PCSS, the required parts for each scope are marked with the designation **“Scope”** and the respective number of the scope in the column Supplement.

Replacing the left and right engine mountss

Work Procedure: 1 For replacing the left and right engine mount. see ⇒ *Workshop Manual 'Removing and installing engine mounts (V6 Turbo)'*

2 Enter campaign in the Warranty and Maintenance booklet.

Warranty processing

Scope 1: **Replacing the left and right engine mounts**
Panamera (Basic)

Labor time:

Removing and installing engine mount

Labor time: **538 TU**

Includes: Removing and installing wheels
Removing and installing the front axle carrier
Measuring vehicle front and rear
Adjusting vehicle at front/rear

Required parts:

V04015004AJ	⇒ Engine mount	2 pieces
N 10687201	⇒ Cheese head bolt with multiple-tooth head (instrument cluster)	4 pieces
N 10261311	⇒ Nut on spring strut	6 pieces
PAF104029	⇒ Hexagon collar nut on spring strut	2 pieces
N 10628301	⇒ Hexagon-head bolt on spring strut	2 pieces
N 10625901	⇒ Collared cheese head bolt with multiple-tooth head on engine support	1 piece
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head on strut	3 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head on strut	2 pieces

N 10780501	⇒ Collared cheese head bolt with multiple-tooth head on top engine mount	3 pieces
WHT004955A	⇒ Inner hexalobular socket cheese head bolt on universal joint	1 piece
N 91244301	⇒ Hexagon-head bolt with hexagon socket head on front axle carrier	8 pieces
PAF911489	⇒ Hexagon-head bolt with hexagon socket head on engine mount	2 pieces
N 91260401	⇒ Hexagon-head bolt on front axle carrier	2 pieces
N 91244301	⇒ Hexagon-head bolt with hexagon socket head on engine compartment strut	2 pieces
N 10629602	⇒ Hexagon-head bolt on front axle carrier	4 pieces
PAF005633	⇒ Double-hex collar nut on transverse control arm	2 pieces
WHT005819	⇒ Hexagon collar nut on control arm	2 pieces
9A700499500	⇒ Hexagon nut on tie rod	2 pieces
N 0150818	⇒ Hexagon collar nut on anti-roll bar	2 pieces
N 10793603	⇒ Hexagon-head bolt on anti-roll bar	2 pieces
N 0150818	⇒ Hexagon collar nut	2 pieces
N 10793603	⇒ Hexagon collar nut	2 pieces
N 10456004	⇒ Screws for brake disc	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. 1LQ, 1LX, OJ3, OJ5		
PAF004572	⇒ Cheese head bolt on fixed calliper	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. OJ2		
PAF004571	⇒ Cheese head bolt on fixed calliper	4 pieces
Required materials:		
00004330516	⇒ Coolant additive	0.2 piece
⇒ Damage code WPDO 066 000 2		

Warranty processing

Scope 1: Not relevant for this vehicle type.

Scope 2: **Replacing the left and right engine mounts**

Panamera (4)

Labor time:

Removing and installing engine mount

Labor time: **887 TU**

Includes:

- Removing and installing wheels
- Removing and installing the front axle carrier
- Replacing sealing ring for all-wheel drive flanged shaft
- Draining and filling air spring
- Remove and install front drive shaft
- Measuring vehicle front and rear
- Adjusting vehicle at front/rear

Required parts:

V04015004AJ	⇒ Engine mount	2 pieces
N 10687201	⇒ Cheese head bolt with multiple-tooth head (instrument cluster)	4 pieces
N 10261311	⇒ Nut on spring strut	6 pieces
PAF104029	⇒ Hexagon collar nut on spring strut	2 pieces
N 10628301	⇒ Hexagon-head bolt on spring strut	2 pieces
N 10625901	⇒ Collared cheese head bolt with multiple-tooth head on engine support	1 piece
WHT008539	⇒ Hexagon-head bolt with multiple-tooth head on strut	3 pieces
N 91157202	⇒ Collared cheese head bolt with multiple-tooth head on strut	2 pieces
N 10780501	⇒ Collared cheese head bolt with multiple-tooth head on top engine mount	3 pieces
WHT004955A	⇒ Inner hexalobular socket cheese head bolt on universal joint	1 piece
N 91244301	⇒ Hexagon-head bolt with hexagon socket head on front axle carrier	8 pieces
PAF911489	⇒ Hexagon-head bolt with hexagon socket head on engine mount	2 pieces
N 91260401	⇒ Hexagon-head bolt on front axle carrier	2 pieces
N 91244301	⇒ Hexagon-head bolt with hexagon socket head on engine compartment strut	2 pieces
N 10629602	⇒ Hexagon-head bolt on front axle carrier	4 pieces
PAF005633	⇒ Double-hex collar nut on transverse control arm	2 pieces

WHT005819	⇒ Hexagon collar nut on control arm	2 pieces
9A700499500	⇒ Hexagon nut on tie rod	2 pieces
N 0150818	⇒ Hexagon collar nut on anti-roll bar	2 pieces
N 10793603	⇒ Hexagon-head bolt on anti-roll bar	2 pieces
N 10456004	⇒ Screws for brake disc	4 pieces
WHT007021	⇒ Nut on drive shaft	2 pieces
298407475A	⇒ Protective ring on drive shaft	1 piece
012409413	⇒ Circlip on drive shaft	1 piece
9A740939910	⇒ Shaft seal	1 piece
N 0150818	⇒ Hexagon collar nut	2 pieces
N 10793603	⇒ Hexagon collar nut	2 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. 1LQ, 1LX, OJ3, OJ5		
PAF004572	⇒ Cheese head bolt on fixed calliper	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. OJ2		
PAF004571	⇒ Cheese head bolt on fixed calliper	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. A8F, A8H		
0004321044	⇒ Transmission oil	0.1 piece
Required materials:		
00004330516	⇒ Coolant additive	0.2 piece
00004330508	⇒ Optimoly (drive shaft)	0.1 piece
⇒ Damage code WPDO 066 000 2		

Warranty processing

Scope 1-2: **Not relevant for this vehicle type.**

Scope 3: **Replacing the left and right engine mounts**
Panamera (PHEV)

Labor time:

Removing and installing engine mount

Labor time: **1120 TU**

Includes:

- Removing and installing wheels
- Removing and installing the front axle carrier
- Replacing sealing ring for all-wheel drive flanged shaft
- Draining and filling air spring
- Remove and install front drive shaft
- Measuring vehicle front and rear
- Adjusting vehicle at front/rear

Required parts:

V04015004AJ	⇒ Engine mount	2 pieces
N 10687201	⇒ Cheese head bolt with multiple-tooth head (instrument cluster)	4 pieces
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N 10456004	⇒ Screws for brake disc	4 pieces
WHT007021	⇒ Nut on drive shaft	2 pieces
298407475A	⇒ Protective ring on drive shaft	1 piece
012409413	⇒ Circlip on drive shaft	1 piece
9A740939910	⇒ Shaft seal	1 piece
N 0150818	⇒ Hexagon collar nut	2 pieces
N 10793603	⇒ Hexagon collar nut	2 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. 1LQ, 1LX, OJ3, OJ5		
PAF004572	⇒ Cheese head bolt on fixed calliper	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. OJ2		
PAF004571	⇒ Cheese head bolt on fixed calliper	4 pieces
Additional required parts – Vehicle-specific/equipment-specific:		
Vehicles with M-no. A8F, A8H		
0004321044	⇒ Transmission oil	0.1 piece
Required materials:		
00004330516	⇒ Coolant additive	0.2 piece
00004330508	⇒ Optimoly (drive shaft)	0.1 piece
⇒ Damage code WPDO 066 000 2		

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