

ASA9 - Check the Screw Connection of the High-Pressure Pumps and Replace the High-Pressure Pumps Including Fuel Lines if Necessary (Stop Delivery)

Model Line: **Panamera GTS / Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid (YAA)**

Model Year: **As of 2024 up to 2026**

Concerns: **High-pressure pumps**

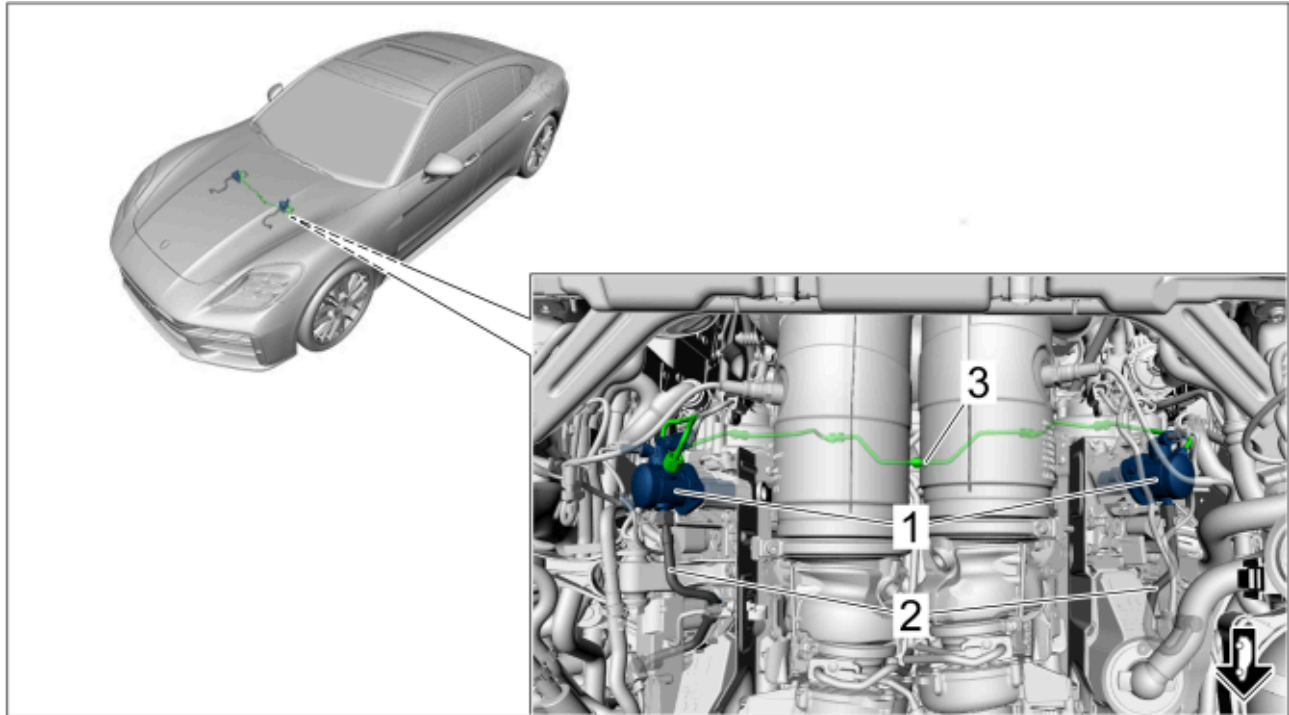
Cause: **Due to an error in the production process, there is a possibility on affected vehicles that the screw connections on the high-pressure pumps potentially do not comply with the specifications.**
As a result, this can lead to activation of the malfunction indicator light in the instrument cluster and fuel leakage, which increases the risk of a vehicle fire.

Action: Check the screw connection of the high-pressure pumps and replace the high-pressure pumps including fuel lines if necessary.

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

Installation

Position:



Installation position for high-pressure pumps and fuel lines

- 1 – High-pressure pumps
- 2 – Fuel lines (high-pressure)
- 3 – Fuel line (low pressure/supply line - section on high-pressure pump)

Required parts as and when necessary



Information

The **part numbers** for checking the screw connection and/or replacing the high-pressure pumps and fuel lines are shown in the **scope assigned to the vehicle**; see section "Warranty processing".

Required tools - Panamera GTS

Tools:

- **P90999 - Porsche Tester 4**
- Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging the vehicle electrical system battery'*
- 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, 6-50 Nm (4.5-37 ftlb.), e.g., **V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)**

Additional tool required for replacing high-pressure pumps including fuel lines:

- T10187 - Press-out tool
- T10439 - Assembly pins
- VAS 6122 - Engine plug set
- VAS 6832 - Master Gear unit elevating platform
- VAS 6832/7 - Panamera G2 assembly device
- VAS 6883A - Insulated tool set
- VAS 531 011 - Cooling system service equipment
- VAS 6890 - Spring band clamp pliers
- T10118 - Assembly tool
- VAS 6928 - Socket set, 39-piece
- VAS 6262/2 - Adapter for filling ATF oil
- VAS 6262A - Adapter for Oil Filling
- VAS 6617 - Hand pump for transmission oil
- VAS 6931A - Transmission and gearbox jack
- VAS 6760A - Storage tray
- 9889 - Press-off tool
- T10188 - Insertion tool
- VAS 6826 - Steering wheel balance
- VAS 6830 - Wheel-alignment adapter for wheels with central lock
- Torque wrench, 20-100 Nm (15-74 ftlb.), e.g., VAS 5820A - torque wrench, 20-100 Nm (15-74 ftlb.)
- Torque wrench 40-200 Nm (30-248 ftlb.), e.g. V.A.G 1332A - torque wrench, 40-200 Nm (30-248 ftlb.)
- Torque wrench 80-400 Nm (59-295 ftlb.), e.g., V.A.G 1576A - torque wrench 80-400 Nm (59-295 ftlb.)

Additional tool required for vehicles with central locking (M-no. 1PJ) or Panamera central locking wheel 21" (M-no. C9J):

- 9794 - Assembly aid
- Torque wrench 150-600 Nm (111-443 ftlb.), e.g. V.A.G 1601 - torque wrench 150-800 Nm (111-590 ftlb.)
- VAS 6266A - Wheel fitting trolley

Required tools as needed - Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid

Tools:

- P90999 - Porsche Tester 4
- Battery charger with a current rating of **at least 90 A** and a **current and voltage-controlled charge map** for lithium starter batteries, e.g. **battery charger 90 A**. For further information about the battery chargers to be used, see the corresponding Workshop Manual. ⇒ *Workshop Manual '270689 Charging the vehicle electrical system battery'*
- 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, 6-50 Nm (4.5-37 ftlb.), e.g., V.A.G 1331A - torque wrench, 6-50 Nm (4.5-37 ftlb.)

Additional tool required for replacing high-pressure pumps including fuel lines:

- T10187 - Press-out tool
- T10439 - Assembly pins
- VAS 6122 - Engine plug set
- VAS 6832 - Master Gear unit elevating platform
- VAS 6832/7 - Panamera G2 assembly device
- VAS 6883A - Insulated tool set
- VAS 531 011 - Cooling system service equipment
- VAS 6890 - Spring band clamp pliers
- T10118 - Assembly tool
- VAS 6928 - Socket set, 39-piece
- VAS 6262/2 - Adapter for filling ATF oil
- VAS 6262A - Adapter for Oil Filling
- VAS 6617 - Hand pump for transmission oil
- VAS 6931A - Transmission and gearbox jack
- VAS 6760A - Storage tray
- 9889 - Press-off tool
- T10188 - Insertion tool
- VAS 6826 - Steering wheel balance
- VAS 6830 - Wheel-alignment adapter for wheels with central lock
- Nr.192 - Hose clamping pliers
- Torque wrench, 20-100 Nm (15-74 ftlb.), e.g., VAS 5820A - torque wrench, 20-100 Nm (15-74 ftlb.)
- Torque wrench 40-200 Nm (30-248 ftlb.), e.g. V.A.G 1332A - torque wrench, 40-200 Nm (30-248 ftlb.)
- Torque wrench 80-400 Nm (59-295 ftlb.), e.g., V.A.G 1576A - torque wrench 80-400 Nm (59-295 ftlb.)

Additional tool required for vehicles with central locking (M-no. 1PJ) or Panamera central locking wheel 21" (M-no. C9J):

- 9794 - Assembly aid
- Torque wrench 150-600 Nm (111-443 ftlb.), e.g. V.A.G 1601 - torque wrench 150-800 Nm (111-590 ftlb.)
- VAS 6266A - Wheel fitting trolley

Checking the screw connection of the high-pressure pumps - Panamera GTS

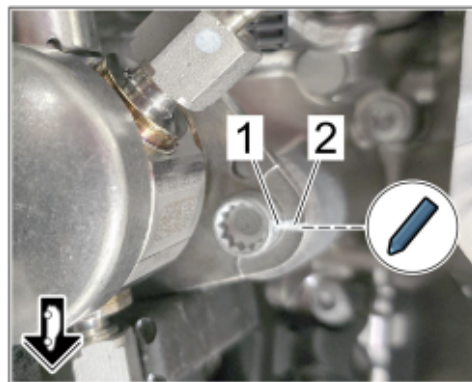
- Work Procedure: 1 Expose high-pressure pumps until the screw connection of the high-pressure pumps is accessible.
For work procedure, see: ⇒ *Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'*



Information

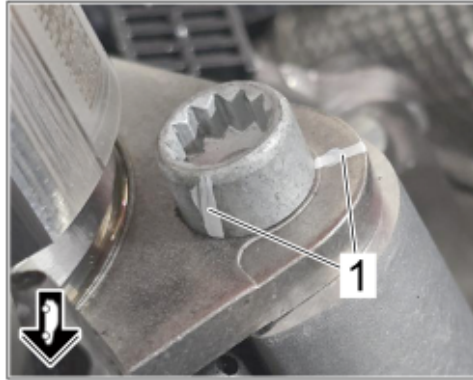
The check is described at one screw point as an example. Checking the other screw points is identical.

- 2 Check the screw connection of the high-pressure pumps.
 - 2.1 Hold on to the position of **all 4 screws**, mark the respective screw head ⇒ *Position of screw marked -1-* and contact surface ⇒ *Position of screw marked -2-* with a line for this purpose.
 - 2.2 Tighten screws with **tightening torque 18 Nm (13.3 ftlb.)**



Position of screw marked

	Assessment	Action
(✓)	<p>No screws rotate further to reach the tightening torque.</p> <p>The marking ⇒ <i>Marking flush -1- is flush.</i></p> <div data-bbox="444 1129 915 1513" style="text-align: center;"> </div> <p style="text-align: center;"><i>Marking flush</i></p>	<p>The screw connections are OK.</p> <p>All screw connections of the high-pressure pumps are OK, complete vehicle.</p> <p>For work procedure, see: ⇒ <i>Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'</i></p> <p>Invoicing for Scope 5.</p>
(X)	<p>One or more screws rotate further to reach the tightening torque.</p> <p>The marking ⇒ <i>Marking not flush -1- is not flush.</i></p>	<p>The screw connection is not OK.</p> <p>If at least one screw connection of a high-pressure pump is not OK, continue with</p>



Marking not flush

⇒ Technical Information '246319A5 warranty processing'.

Invoicing for **scope 6, 8 or 10**, depending on the test result.

Checking the screw connection of the high-pressure pumps - Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid

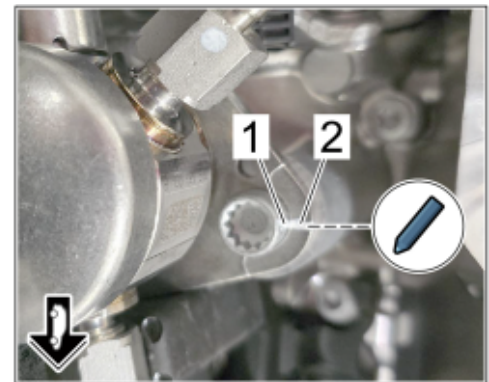
Work Procedure: 3 Expose high-pressure pumps until the screw connection of the high-pressure pumps is accessible. For work procedure, see: ⇒ Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'



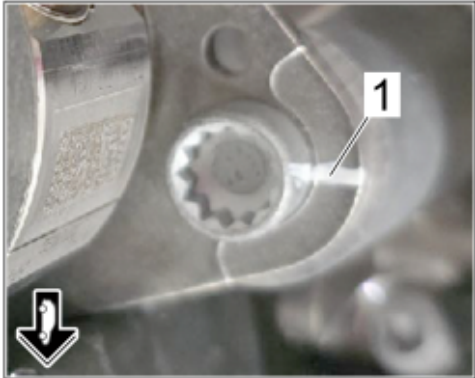
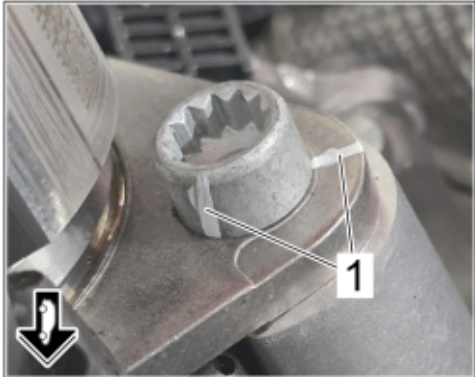
Information

The check is described at one screw point as an example. Checking the other screw points is identical.

- 4 Check the screw connection of the high-pressure pumps.
 - 4.1 Hold on to the position of **all 4 screws**, mark the respective screw head ⇒ *Position of screw marked -1-* and contact surface ⇒ *Position of screw marked -2-* with a line for this purpose.
 - 4.2 Tighten screws with **tightening torque 18 Nm (13.3 ftlb.)**



Position of screw marked

	Assessment	Action
(✓)	<p>No screws rotate further to reach the tightening torque.</p> <p>The marking ⇒ Marking flush -1- is flush.</p>  <p style="text-align: center;"><i>Marking flush</i></p>	<p>The screw connections are OK.</p> <p>All screw connections of the high-pressure pumps are OK, complete vehicle.</p> <p>For work procedure, see: ⇒ <i>Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'</i></p> <p>Invoicing for Scope 5.</p>
(✗)	<p>One or more screws rotate further to reach the tightening torque.</p> <p>The marking ⇒ Marking not flush -1- is not flush.</p>  <p style="text-align: center;"><i>Marking not flush</i></p>	<p>The screw connection is not OK.</p> <p>If at least one screw connection of a high-pressure pump is not OK, continue with ⇒ <i>Technical Information '246319A5 warranty processing'</i>.</p> <p>Invoicing for scope 7, 9 or 11, depending on the test result.</p>

Replacing high-pressure pumps including fuel lines - Panamera GTS



Information

The respective high-pressure pump must only be replaced if one **or** both of its screw connections have been checked as **not OK**.

Consequently, there are **3 possible scopes** for repair:

- **Scope 6:** Check screw connection of the high-pressure pumps and replace high-pressure pump including fuel lines **on the left** - for Panamera GTS (YAA)
- **Scope 8:** Check screw connection of the high-pressure pumps and replace high-pressure pump including fuel lines **on the right** - for Panamera GTS (YAA)
- **Scope 10:** Check screw connection of high-pressure pumps and replace high-pressure pumps including fuel lines on the **left and right** - for Panamera GTS (YAA)

Work Procedure: 1 Remove engine.

⇒ *Workshop Manual '246319A5 Removing and installing engine'*

2 Remove shield (catalytic converter) (**top section**) .

For work procedure, see:

⇒ *Workshop Manual '246319A5 Removing and installing heat shield (on catalytic converter)'*

3 Replace the affected high-pressure pump(s).

For work procedure, see:

⇒ *Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'*

4 Replace the affected fuel line(s) (high pressure).

For work procedure, see:

⇒ *Workshop Manual '249019A6 Removing and installing the fuel line (high-pressure) - TB5'*

5 Replace the supply line (high-pressure pump section).

For work procedure, see:

⇒ *Workshop Manual '203819A8 Removing and installing the supply line - TB5'*

6 Install shield (catalytic converter) (**top section**) .

For work procedure, see:

⇒ *Workshop Manual '203819A8 Removing and installing heat shield (on catalytic converter)'*

7 Installing engine.

⇒ *Workshop Manual '203819A8 Removing and installing engine'*

Replacing high-pressure pumps including fuel lines - Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid

Information

The respective high-pressure pump must only be replaced if one **or** both of its screw connections have been checked as **not OK**.

Consequently, there are **3 possible scopes** for repair:

- **Scope 7:** Check screw connection of the high-pressure pumps and replace high-pressure pump including fuel lines **on the left** - for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)
- **Scope 9:** Check screw connection of the high-pressure pumps and replace high-pressure pump including fuel lines **on the right** - for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)
- **Scope 11:** Check screw connection of the high-pressure pumps and replace high-pressure pumps including fuel lines **on the left and right** - for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)

- Work Procedure: 1 Remove engine.
 ⇒ *Workshop Manual '203819A8 Removing and installing engine'*
- 2 Remove shield (catalytic converter) (**top section**) .
 For work procedure, see:
 ⇒ *Workshop Manual '203819A8 Removing and installing heat shield (on catalytic converter)'*
- 3 Replace the affected high-pressure pump(s).
 For work procedure, see:
 ⇒ *Workshop Manual '246319A5 Removing and installing the high-pressure pump - TB5'*
- 4 Replace the affected fuel line(s) (high pressure).
 For work procedure, see:
 ⇒ *Workshop Manual '249019A6 Removing and installing the fuel line (high-pressure) - TB5'*
- 5 Replace the supply line (high-pressure pump section).
 For work procedure, see:
 ⇒ *Workshop Manual '203819A8 Removing and installing the supply line - TB5'*
- 6 Install shield (catalytic converter) (**top section**) .
 For work procedure, see:
 ⇒ *Workshop Manual '203819A8 Removing and installing heat shield (on catalytic converter)'*
- 7 Installing engine.
 ⇒ *Workshop Manual '203819A8 Removing and installing engine'*

Warranty processing - Panamera GTS**Information**

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

Scope 1-4: **Not relevant for this vehicle type.**

Scope 5: **Checking the screw connection of the high-pressure pumps**

Labor time:

Checking the screw connection of the high-pressure pumps

Labor time: **306 TU**

Includes: Removing and installing deflector plate (turbocharger)
Deflector plate (upper centre catalytic converter)
Removing and installing cross panel

Required parts:

N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces

⇒ **Damage code ASA9 099 000 1**

Scope 6: **Checking the screw connection of the high-pressure pumps and replacing the high-pressure pump including fuel lines on the left**

- for Panamera GTS (YAA)

Labor time:

Checking the screw connection of the high-pressure pumps and replacing the high-pressure pump including fuel lines on the left

Labor time: **2177 TU**

- Includes:
- Connecting and disconnecting battery charger
 - Connecting and disconnecting Porsche Tester 4
 - Removing and installing deflector plate (turbocharger)
 - Deflector plate (upper centre catalytic converter)
 - Removing and installing cross panel
 - Removing and installing engine
 - Replacing the left high-pressure pump
 - Replacing the left fuel line (high pressure)
 - Replacing the fuel line (low-pressure/supply line - section on high-pressure pump)
 - Performing suspension alignment and adjusting the vehicle
 - Calibrating front corner radar
 - Calibrating Lane Change Assist
 - Calibrating Surround View camera
 - Calibrating infrared camera
 - Calibrate distance measuring sensor

Required parts:

PAB127026A	High-pressure pump	1 piece
PAC109311	Cam follower	1 piece
PAF910059	Cheese head bolt with multiple-tooth head	2 pieces
PAB127507B	Fuel line	1 piece
PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	1 piece
N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces
PAB253115B	Seal for exhaust pipe	2 pieces

N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece
95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
PAF106979	Double hex flange bolt M8 x 25	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece
99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece
976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece
9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.1 piece
V04015003P	Coolant additive - 20l (5.28 gal) container	0.2 pieces

00004321044	Transmission oil – 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

Scope 7: **Not relevant for this vehicle type.**

Scope 8: **Checking the screw connection of high-pressure pumps and replacing the high-pressure pump including fuel lines on the right**

- for Panamera GTS (YAA)

Labor time:		
Checking the screw connection of high-pressure pumps and replacing the high-pressure pump including fuel lines on the right		Labor time: 2192 TU
Includes:	<ul style="list-style-type: none"> Connecting and disconnecting battery charger Connecting and disconnecting Porsche Tester 4 Removing and installing deflector plate (turbocharger) Deflector plate (upper centre catalytic converter) Removing and installing cross panel Removing and installing engine Replacing right high-pressure pump Replacing right fuel line (high pressure) Replacing the fuel line (low-pressure/supply line - section on high-pressure pump) Performing suspension alignment and adjusting the vehicle Calibrating front corner radar Calibrating Lane Change Assist Calibrating Surround View camera Calibrating infrared camera Calibrate distance measuring sensor 	
Required parts:		
PAB127026A	High-pressure pump	1 piece
PAC109311	Cam follower	1 piece
PAF910059	Cheese head bolt with multiple-tooth head	2 pieces
PAB127507C	Fuel line	1 piece
PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	2 pieces
N 90440003	Hexagon-head bolt (combination)	2 pieces

PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces
PAB253115B	Seal for exhaust pipe	2 pieces
N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece
95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
PAF106979	Double hex flange bolt M8 x 25	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece
99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece
976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece

9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.1 piece
V04015003P	Coolant additive - 20l (5.28 gal) container	0.2 pieces
00004321044	Transmission oil - 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

Scope 9: **Not relevant for this vehicle type.**

Scope 10: **Checking the screw connection of high-pressure pumps and replacing the high-pressure pumps including fuel lines on the left and right**

- for Panamera GTS (YAA)

Labor time:	
Checking the screw connection of high-pressure pumps and replacing the high-pressure pumps including fuel lines on the left and right	Labor time: 2279 TU
Includes:	<ul style="list-style-type: none"> Connecting and disconnecting battery charger Connecting and disconnecting Porsche Tester 4 Removing and installing deflector plate (turbocharger) Deflector plate (upper centre catalytic converter) Removing and installing cross panel Removing and installing engine Replacing left and right high-pressure pumps Replacing left and right fuel lines (high pressure) Replacing the fuel line (low-pressure/supply line - section on high-pressure pump) Performing suspension alignment and adjusting the vehicle Calibrating front corner radar Calibrating Lane Change Assist Calibrating Surround View camera Calibrating infrared camera

Calibrate distance measuring sensor

Required parts:

PAB127026A	High-pressure pump	2 pieces
PAC109311	Cam follower	2 pieces
PAF910059	Cheese head bolt with multiple-tooth head	4 pieces
PAB127507B	Fuel line	1 piece
PAB127507C	Fuel line	1 piece
PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	2 pieces
N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces
PAB253115B	Seal for exhaust pipe	2 pieces
N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece
95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
PAF106979	Double hex flange bolt M8 x 25	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece

99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece
976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece
9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.2 pieces
V04015003P	Coolant additive - 20l (5.28 gal) container	0.2 pieces
00004321044	Transmission oil - 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

Scope 11: **Not relevant for this vehicle type.**

Warranty processing - Panamera Turbo E-Hybrid / Panamera Turbo S E-Hybrid



Information

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

Scope 1-4: **Not relevant for this vehicle type.**

Scope 5:

Checking the screw connection of the high-pressure pumps**Labor time:**

Checking the screw connection of the high-pressure pumps

Labor time: **306 TU**

Includes: Connecting and disconnecting battery charger
 Connecting and disconnecting Porsche Tester 4
 Deactivating and activating high-voltage system
 Removing and installing deflector plate (turbocharger)
 Deflector plate (upper centre catalytic converter)
 Removing and installing cross panel

Required parts:

N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces

⇒ **Damage code ASA9 099 000 1**

Scope 6:

Not relevant for this vehicle type.

Scope 7:

Checking the screw connection of the high-pressure pumps and replacing the high-pressure pump including fuel lines on the left

- for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)

Labor time:

Checking the screw connection of the high-pressure pumps and replacing the high-pressure pump including fuel lines on the left

Labor time: **2316 TU**

Includes: Connecting and disconnecting battery charger
 Connecting and disconnecting Porsche Tester 4
 Deactivating and activating high-voltage system
 Removing and installing deflector plate (turbocharger)
 Deflector plate (upper centre catalytic converter)
 Removing and installing cross panel
 Removing and installing engine
 Replacing the left high-pressure pump
 Replacing the left fuel line (high pressure)
 Replacing the fuel line (low-pressure/supply line - section on high-pressure pump)

Performing suspension alignment and adjusting the vehicle
 Calibrating front corner radar
 Calibrating Lane Change Assist
 Calibrating Surround View camera
 Calibrating infrared camera
 Calibrate distance measuring sensor

Required parts:

PAB127026A	High-pressure pump	1 piece
PAC109311	Cam follower	1 piece
PAF910059	Cheese head bolt with multiple-tooth head	2 pieces
PAB127507B	Fuel line	1 piece
PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	1 piece
N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces
PAB253115B	Seal for exhaust pipe	2 pieces
N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece

95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
N 10720901	M8 x 28 cheese head bolt with multiple-tooth head (instrument cluster)	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece
99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece
976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece
9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.1 piece
V04015003P	Coolant additive - 20l (5.28 gal) container	0.2 pieces
00004321044	Transmission oil - 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

Scope 8: **Not relevant for this vehicle type.**

Scope 9: **Checking the screw connection of high-pressure pumps and replacing the high-pressure pump including fuel lines on the right**

- for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)

Labor time:

Checking the screw connection of high-pressure pumps and replacing the high-pressure pump including fuel lines on the right

Labor time: **2331 TU**

- Includes:
- Connecting and disconnecting battery charger
 - Connecting and disconnecting Porsche Tester 4
 - Deactivating and activating high-voltage system
 - Removing and installing deflector plate (turbocharger)
 - Deflector plate (upper centre catalytic converter)
 - Removing and installing cross panel
 - Removing and installing engine
 - Replacing right high-pressure pump
 - Replacing right fuel line (high pressure)
 - Replacing the fuel line (low-pressure/supply line - section on high-pressure pump)
 - Performing suspension alignment and adjusting the vehicle
 - Calibrating front corner radar
 - Calibrating Lane Change Assist
 - Calibrating Surround View camera
 - Calibrating infrared camera
 - Calibrate distance measuring sensor

Required parts:

PAB127026A	High-pressure pump	1 piece
PAC109311	Cam follower	1 piece
PAF910059	Cheese head bolt with multiple-tooth head	2 pieces
PAB127507C	Fuel line	1 piece
PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	1 piece
N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces

PAB253115B	Seal for exhaust pipe	2 pieces
N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece
95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
N 10720901	M8 x 28 cheese head bolt with multiple-tooth head (instrument cluster)	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece
99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece
976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece
9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.1 piece

V04015003P	Coolant additive – 20l (5.28 gal) container	0.2 pieces
00004321044	Transmission oil – 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

Scope 10: **Not relevant for this vehicle type.**

Scope 11: **Checking the screw connection of high-pressure pumps and replacing the high-pressure pumps including fuel lines on the left and right**

- for Panamera Turbo E-Hybrid (YAA) and Panamera Turbo S E-Hybrid (YAA)

Labor time:		
Checking the screw connection of high-pressure pumps and replacing the high-pressure pumps including fuel lines on the left and right		Labor time: 2418 TU
Includes:	<ul style="list-style-type: none"> Connecting and disconnecting battery charger Connecting and disconnecting Porsche Tester 4 Deactivating and activating high-voltage system Removing and installing deflector plate (turbocharger) Deflector plate (upper centre catalytic converter) Removing and installing cross panel Removing and installing engine Replacing left and right high-pressure pumps Replacing left and right fuel lines (high pressure) Replacing the fuel line (low-pressure/supply line - section on high-pressure pump) Performing suspension alignment and adjusting the vehicle Calibrating front corner radar Calibrating Lane Change Assist Calibrating Surround View camera Calibrating infrared camera Calibrate distance measuring sensor 	
Required parts:		
PAB127026A	High-pressure pump	2 pieces
PAC109311	Cam follower	2 pieces
PAF910059	Cheese head bolt with multiple-tooth head	4 pieces
PAB127507B	Fuel line	1 piece
PAB127507C	Fuel line	1 piece

PAB127503B	Fuel line	1 piece
PAB133986C	Fuel line	1 piece
PAF008476	O-ring	2 pieces
N 90440003	Hexagon-head bolt (combination)	2 pieces
PAF107037	Hexagon-head bolt	2 pieces
WHT008539	Hexagon-head bolt with inner multiple-tooth head (Duo)	2 pieces
PAF912696	Hexagon nut	2 pieces
N 10664503	Hexagon-head bolt	2 pieces
PAE253725A	Clamp	2 pieces
971253115B	Seal	2 pieces
PAB253725A	Clamp	2 pieces
PAB253115B	Seal for exhaust pipe	2 pieces
N 91244301	Hexagon-head bolt with hexagon socket head (Duo) M12 x 1.5 x 90	10 pieces
N 91251301	M10 x 60 hexagon flange bolt for combination screw	6 pieces
PAF107037	M10 x 52 hexagon-head bolt	6 pieces
PAF104560	M6 x 12 internal hexagon round countersunk screw, self-locking	4 pieces
PAF004572	M14 x 1.5 x 135 collared cheese head bolt with hexagon socket head	4 pieces
WHT004955A	M8 x 30 internal hexagon round cheese head bolt	1 piece
N 10625901	M10 x 70 collared cheese head bolt with multiple-tooth head	1 piece
95557374902	Round sealing ring, 13.7 x 2.5-N	1 piece
N 10720901	M8 x 28 cheese head bolt with multiple-tooth head (instrument cluster)	3 pieces
95557374900	Round sealing ring, 9.5 x 2.5	1 piece
99970755741	O-ring 11.00 x 2.50NX	1 piece
N 90316801	O-ring 19.6 x 3.65	1 piece
97010680100	O-ring 26.57 x 3.53	2 pieces
99610680105	O-ring 26.35 x 3.53	2 pieces
9A700852600	Plug	1 piece
976253725A	Clamp	1 piece

976253725C	Clamp	1 piece
PAF912538	Internal hexagon round oval-head screw	4 pieces
9A700489400	O-ring 31.42 x 2.62	1 piece
9A752572202	Circlip	1 piece
WHT005156	O-ring, 28 x 2	1 piece
9A750730100	Circlip	1 piece
PAB253725	Clamp	2 pieces
PAB253115A	Seal	2 pieces
Required materials:		
00004320935	Microgleit DF 977S - 400 ml (13.53 fl oz) spray can	0.2 pieces
V04015003P	Coolant additive - 20l (5.28 gal) container	0.2 pieces
00004321044	Transmission oil - 1l (33.81 fl oz) container	9 pieces
⇒ Damage code ASA9 099 000 2		

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