

## AMA4 Stop delivery / Recall campaign - Replacing engine

Version 1

### **AMA4 Stop Delivery/Recall campaign – Replacing engine**

#### **IMPORTANT REMINDER**

**IT IS A VIOLATION OF FEDERAL LAW FOR DEALERS TO DELIVER TO CUSTOMERS NEW VEHICLES IN THEIR INVENTORY AFFECTED BY THIS NOTIFICATION UNTIL THESE VEHICLES ARE REMEDIED. DEALERS SHOULD NOT SELL, LEASE, RENT, OR LOAN ANY NEW OR USED VEHICLES IN DEALER INVENTORY AFFECTED BY THIS NOTIFICATION PRIOR TO REMEDY. DEALERS GROUNDING LEASE RETURNS SHOULD REMEDY ALL AFFECTED GROUNDED VEHICLES.**

## Overview

On the affected vehicles, there is a possibility that connecting rods that were not manufactured according to specification are installed in the engine.

A potential defect in the surface of the connecting rod could lead to cracks, creating a loss of preload on the connecting rod screw connection.

Loosening of connecting rod screw connection while driving at high loads can lead to potential engine damage, stalling, loss of power and potential oil leakage from a damaged engine block.

Porsche will replace the engine in the affected vehicles.

As parts arrive to your dealer, please arrange for this measure to be carried out immediately on the affected vehicles.

<b>Model type</b>	718 Spyder (982)/718 Boxster GTS 4.0 (982) 718 Cayman GT4 (982)/718 Cayman GTS 4.0 (982)
<b>Model year</b>	2021
<b>Number</b>	190

## Important Information

PCNA will prioritize engine shipments to dealers based on the date the vehicle was placed into KF status and the required engine availability.

- For already delivered vehicles (22) engine parts will auto-allocate to dealers based on the customer's preferred servicing dealer. To ensure customer safety, this group of 22 VINs will be remedied first.
- For vehicles currently at dealer waiting on engines for initial delivery, parts will auto-allocate to that dealer's location as soon as they are available.
- For vehicles currently at port, engine replacements will be completed there, as capacity allows, following the same prioritization.

While the first engines are arriving now, the overall availability of all 190 engines will take **months**. Please exercise as much patience as possible and know that we are working to get parts to their final destinations as soon as possible.

Once dealers receives a replacement AMA4 engine, **important steps are required on your side and should be completed ASAP to ensure a timely replacement** –

1. **Inspect** the engine for any **shipping/freight damages** and report those immediately for further instruction
2. **Create a parts PRMS ticket** to order the replacement **Thatcham Labels**, specific to the VIN and new engine (**process takes 4 business days + shipping time**). The PRMS ticket will need to include :
  - VIN
  - Mileage of the vehicle (use last known mileage if vehicle is not yet available)
  - Engine number of the old engine that was removed from the vehicle (can be found within PCSS)
  - Engine number of the new engine, which will be installed in the vehicle (see TI for location)
  - Order no. (630...)
  - Delivery address and name of the contact person at the Porsche dealer to whom the labels will be sent
  - Campaign name AMA4 Recall campaign – Replacing engine

A certificate of engine replacement will be mailed to customers separately by PCNA after repair.

## Parts required

Part number	Designation	Quantity/vehicle
V04015003J	Replacement engine (engine type DWAA) – 718 Spyder/718 Cayman GT4 – with 6-speed manual transmission (M-no. 480)	1 ea.
<b>or</b>		
V04015003K	Replacement engine (engine type DWAB) – 718 Spyder/718 Cayman GT4 – with Porsche Doppelkupplung (PDK) (M-no. 250)	1 ea.
<b>or</b>		

Part number	Designation	Quantity/vehicle
V04015003L	Replacement engine (engine type DWAC) – 718 Boxster GTS 4.0/718 Cayman GTS 4.0 – with 6-speed manual transmission (M-no. 480)	1 ea.

**or**

V04015003M	Replacement engine (engine type DWAD) – 718 Boxster GTS 4.0/718 Cayman GTS 4.0 – with Porsche Doppelkupplung (PDK) (M-no. 250)	1 ea.
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**Additional parts required - all scopes:**

Part number	Designation	Quantity/vehicle
V04014001AJ	Thatcham sticker (3 ea.) – Vehicle-specific sticker showing the allocation of vehicle identification number to engine number	1 ea.
99907283701	Hexagon-head bolt, AM10 x 1.5 x 55-PA – Rear-axle transverse strut	2 ea.
99907284001	Hexagon-head bolt, M10 x 35 – Rear-axle struts to body	2 ea.
90037815901	Hexagon-head bolt, AM8 x 60 – Anti-roll bar to rear-axle carrier	4 ea.

<b>Part number</b>	<b>Designation</b>	<b>Quantity/vehicle</b>
PAF105234	Cheese head bolt with multiple-tooth head, M10 x 52 – Drive shaft to transmission flange	12 ea.
9A740735700	Plate – Drive shaft to transmission flange	6 ea.
90091000303	Hexagon nut, M8 – Exhaust flange	6 ea.
N 10769401	Spring band clamp, 13.5 x 8.4 – Differential pressure hose	2 ea.
PAF906651	Cheese head bolt with multiple-tooth head, M10 x 1 x 29 – Flywheel	10 ea.
9A700846400	External hexagon round-head bolt, BM12 x 1.5 x 55 – Transmission flange	6 ea.
90037824901	Hexagon-head bolt, AM10 x 55 – Transmission mount bracket to transmission housing	4 ea.
PAF008660	Hexagon nut, M10 – Engine carrier	3 ea.
99970765340	O-ring 16.70 x 2, 50N – Refrigerant line	1 ea.
99970755741	O-ring 11.00 x 2, 50NX – Refrigerant line	1 ea.

**Additional parts required - vehicle-specific/equipment-specific:****– 718 Spyder/718 Cayman GT4**

<b>Part number</b>	<b>Designation</b>	<b>Quantity/vehicle</b>
PAF007957	Hexagon self-clinching nut, M10 – Anti-roll bar to connecting link	2 ea.

Part number	Designation	Quantity/vehicle
982251263B	Seal – Exhaust flange	2 ea.
PAF909664	Hexagon collar nut, self-locking M12 x 1.5 – Rear-axle camber and toe eccentric adjuster	4 ea.
PAF009242	Internal serration flat screw, BM8 x 19 – Clutch pressure plate – 6-speed manual transmission (M-no. 480)	6 ea.

**Additional parts required - vehicle-specific/equipment-specific:  
- 718 Boxster GTS 4.0/718 Cayman GTS 4.0**

Part number	Designation	Quantity/vehicle
99908412309	Hexagon nut, M10 – Anti-roll bar to connecting link	2 ea.
982251263B	Seal – Exhaust flange	2 ea.
99908444501	Lock nut, M12 x 1.5 – Rear-axle camber and toe eccentric adjuster	4 ea.
PAF009242	Internal serration flat screw, BM8 x 19 – Clutch pressure plate – 6-speed manual transmission (M-no. 480)	6 ea.

**Ordering required parts - engines**

The engines will be successively assembled in the Zuffenhausen engine plant and, following completion, delivered to the central spare parts store at Sachsenheim as part of a daily transport. The engines will then arrive to US PDCs and be automatically allocated to dealers. Additional "small parts" should be ordered by dealers separately as required.

**Ordering required parts - small parts**

Please order only the "small parts" listed that are required based on engine allocation. Do not order parts for vehicles at port.

**Request and scrapping of the engines to be replaced:**

The engines to be replaced will either be requested and must be returned to the Warranty Parts Test Center or will have to be scrapped by certified companies in the market.

The guidelines for the Warranty Parts Process ("Porsche warranty guidelines" and "Returns and claims guidelines") always apply.

If the engine to be replaced is requested and must be returned to the Warranty Parts Test Center, the following points must be observed:

- Do not damage the packaging in which the new engine is delivered because the engine to be replaced must be returned in this packaging.
- All operating fluids must be drained from the engines before returning them.
- The engine number of the returned engine must be entered on the Warranty parts request form(barcode). The engine number can be entered either in the PDF file or handwritten on the printout.

**Ordering vehicle-specific stickers showing the allocation of vehicle identification number to engine number**

Due to the engines being replaced, the vehicle-specific stickers, on which the allocation of vehicle identification number to engine number is shown, must be replaced by stickers showing the allocation of vehicle identification number to the new engine number.

**As the production of the vehicle-specific stickers at Porsche AG takes approx. 4 working days plus shipping, the vehicle-specific stickers (Thatcham) specified below should be requested as soon as a new engine has been allocated to a certain vehicle:**

Part No.	Designation	Number
V04014001AJ	Thatcham sticker (contains 3 ea.)	1 ea.

To ensure that your request is processed quickly and efficiently, always use the following procedure when ordering the vehicle-specific stickers and certificate:

The vehicle-specific stickers must be requested from Porsche AG through your contact person responsible for parts enquiries at Porsche Cars North America via PRMS ticket:

**PCNA\_Parts\_Support :**

**Attn Joseph Boudreau**

As soon as the new engine been received and inspected for any damages and allocated to the vehicle, send the following information and details via a PRMS ticket:

- Vehicle identification number
- Exact mileage (km or miles) of the vehicle (use last known mileage if vehicle is not yet available)
- Engine number of the old engine that was removed from the vehicle (can be found within PCSS)
- Engine number of the new engine, which will be installed in the vehicle
- Order no. (630...)
- Delivery address and name of the contact person at the Porsche dealer to whom the stickers must be sent
- Campaign name AMA4 Recall campaign – Replacing engine

When requesting the stickers, also attach digital photos showing the following data to the ticket:

- Vehicle identification number of the vehicle
- Engine number of the new engine

This can help to avoid transmission errors and longer processing times.

## Warranty processing

### Scope 1: Replacing engine

- 718 Cayman GT4

- with 6-speed manual transmission (M-no. 480)

Damage Code	AMA4 99 000
Repair Code	2
Working time	1567 TU

### Scope 2: Replacing engine

- 718 Spyder

- with 6-speed manual transmission (M-no. 480)

Damage Code	AMA4 99 000
Repair Code	2
Working time	1527 TU

### Scope 3: Replacing engine

- 718 Boxster GTS 4.0

- with 6-speed manual transmission (M-no. 480)

Damage Code	AMA4 99 000
Repair Code	2
Working time	1485 TU



**Scope 4: Replacing engine****- 718 Cayman GTS 4.0****- with 6-speed manual transmission (M-no. 480)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1525 TU

**Scope 5: Replacing engine****- 718 Cayman GT4****- with Porsche Doppelkupplung (PDK) (M-no. 250)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1548 TU

**Scope 6: Replacing engine****- 718 Spyder****- with Porsche Doppelkupplung (PDK) (M-no. 250)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1508 TU

**Scope 7: Replacing engine****- 718 Boxster GTS 4.0****- with Porsche Doppelkupplung (PDK) (M-no. 250)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1466 TU

**Scope 8: Replacing engine****- 718 Cayman GTS 4.0****- with Porsche Doppelkupplung (PDK) (M-no. 250)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1506 TU

**Scope 9: Replacing engine****- 718 Boxster GTS 4.0****- with Porsche Doppelkupplung (PDK) (M-no. 250)****- with adaptive cruise control (ACC) (M-no. 456)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1494 TU

**Scope 10: Replacing engine****- 718 Cayman GTS 4.0****- with Porsche Doppelkupplung (PDK) (M-no. 250)****- with adaptive cruise control (ACC) (M-no. 456)**

Damage Code	AMA4 99 000
Repair Code	2
Working time	1534 TU

Please enter the campaign that was carried out in the Warranty and Maintenance booklet for the vehicle.

**Warranty Extension for affected vehicles**

As a confidence-building measure in addition to the existing new vehicle warranty, Porsche AG will extend the warranty for internal engine components of the affected vehicles to a total of 8 years without mileage limitation. The warranty extension is automatically stored in the system and requires no further action on the part of the customer or Dealer.

Please note that the warranty extension will not be displayed in PCSS for the affected vehicles until the end of this year, since it only comes into effect after the expiration of the new vehicle warranty anyway.

**Porsche Mobility**

If requested, the mobility of the affected customer can be assured by offering a suitable replacement vehicle.

Please invoice this additional service with the campaign scope via WWS.

**Further information**

Work instruction	TI No. 63/21, Group 1, Service, AMA4
Vehicle list and allocation	See PCSS or attached list for reference

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Technical Information\*

See PCSS or [Aftersales Document Database](#) for reference

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Categories: Cayman, Recalls, Boxster, Stop Sale

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