

AMC3 - Reworking Threaded Joints on the Rear Axle (Stop Use/Recall Campaign)

Model Line: **Taycan (Y1A)**

Model Year: **As of 2020 up to 2021**

Concerns: **Threaded connections on upper control arms of the rear axle**

Information: **There is a possibility that threaded connections on the upper control arms of the rear axle were not installed according to specifications on the affected vehicles.**

Therefore no guarantee that the affected threaded connections will remain sufficiently tight over the service life of the vehicle.

Action required: Replace threaded connections on control arm on rear axle.



Information

On vehicles that have already been delivered to customers, the **components that are screwed together** must **also** be **checked** for **damage** caused by relative movement while driving as fittings, contact surfaces or bores on the individual components may have been damaged.

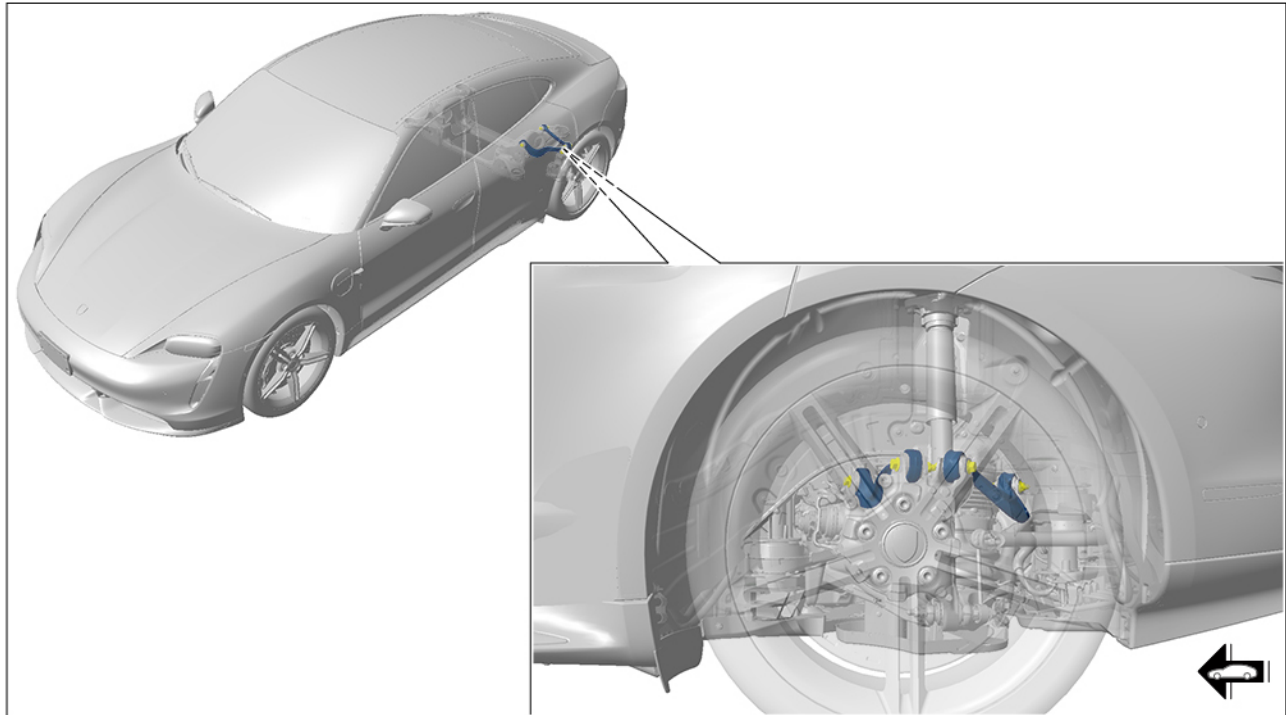
Depending on the result of the check, the affected components may also have to be replaced.

Please note: All additional parts required to repair damage revealed by the test result are **not part** of this campaign and must be determined independently in the Porsche Electronic Parts Catalogue (PET). For warranty processing for these additional parts, see the ⇒ *Technical Information 'Warranty processing section'*.

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

Installation

Position:



Installation position of control arms on rear axle

Parts required

Parts Info:

Part No.	Designation - Location	Number
N 10628601	⇒ Hexagon flange bolt M12x1.5x75 - Front and rear control arms	8 ea.
PAF909664	⇒ Hexagon collar nut M12x1.5 - Front and rear control arms	8 ea.

Additional parts required for vehicles with adaptive air suspension (M-no. 1BK) - Scope 1 and Scope 2:

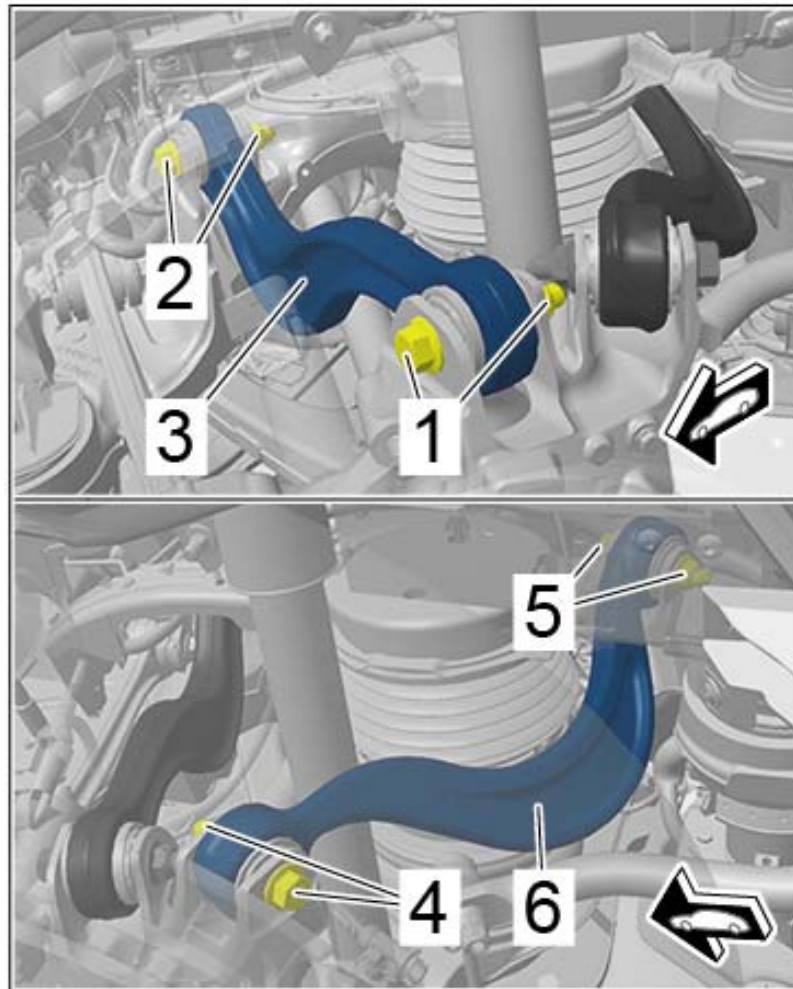
9J1616297A	⇒ Spring plate - Upper air bellows	2 ea.
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Required tools

- Tool:
- **9900 - PIWIS tester 3**
 - Battery charger with a current rating of **at least 90 A** and - if required - **also with a current and voltage controlled charge map** for lithium starter batteries, e.g. **VAS 5908 90 A battery charger**
 - Plastic wedge
 - Torque wrench, 2-10 Nm, e.g. **VAG 1783 torque wrench, 2-10 Nm**
 - Torque wrench, 6-50 Nm e.g. **VAG 1331A torque wrench, 6-50 Nm**
 - Torque wrench, 40-200 Nm e.g. **VAG 1332 torque wrench, 40-200 Nm**
 - Electronic torque angle torque wrench, 2-100 Nm e.g. **9768 - electronic torque wrench, 2 - 100 Nm**
 - Electronic torque angle torque wrench, 20-400 Nm e.g. **VAS 6942 torque angle torque wrench, 20-400 Nm**
 - Engine and gearbox jack, e.g. **VAS 6931 - engine and gearbox jack**
 - **VAS 6918 - Quick-clamping unit**
 - **T90009 - Insert tool**
 - **VAS 261 019 - Ratchet ring wrench socket, a/f 19**
 - **VAS 6826 - Steering wheel scales**
 - **VAS 6430/1A - Adjustment device with reflector**
 - **VAS 6430/3 - Mirror for adjustment device**
 - **VAS 6430/6 - Night View Assist calibration unit**
 - **VAS 6430/4 - Lane Departure Warning calibration board**
 - **VAS 6350A - Calibration unit**

Replace threaded connections on control arm on rear axle

- Work Procedure: 1 Move the vehicle onto a lifting platform and raise it. ⇒ *Workshop Manual '4X00IN Raising the vehicle'*
- 2 **Only for vehicles with adaptive air suspension:** Release air from the levelling system. ⇒ *Workshop Manual '430117 Bleeding and filling the levelling system'*
- 3 Remove rear wheels. ⇒ *Workshop Manual '440519 Removing and installing wheel'*
- 4 Remove rear wheel housing liners. ⇒ *Workshop Manual '536919 Removing and installing rear wheel housing liner'*
- 5 Replace threaded connections on control arms on rear axle.



Control arm on rear axle (shown on left)



Information

After removing the relevant bolts, perform a **visual inspection** for **signs of damage caused by driving** in the area around the relevant screw points.

Depending on the result of the check, the affected components may also have to be replaced.

- 5.1 Replace the following threaded connections ⇒ *Control arm on rear axle (shown on left)* - **1** **und 2** - on the front upper control arm ⇒ *Control arm on rear axle (shown on left)* - **3** - on the rear axle at the left and right.

For instructions, see ⇒ *Workshop Manual '423519 Removing and installing upper control arm (front)'*.

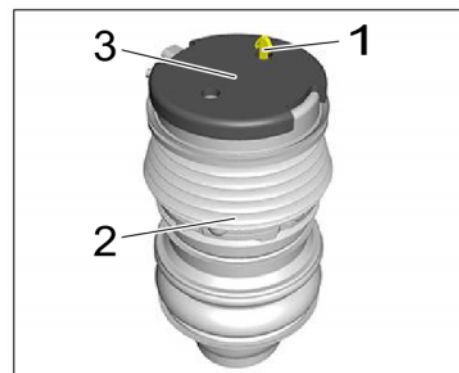
- 5.2 Replace the following threaded connections ⇒ *Control arm on rear axle (shown on left)* -**4** and **5**- on the rear upper control arm ⇒ *Control arm on rear axle (shown on left)* -**6**- on the rear axle at the left and right.

For instructions, see ⇒ *Workshop Manual '423519 Removing and installing upper control arm (rear)'*.



Information

For vehicles with adaptive air suspension (M-no. 1BK), the spring plate ⇒ *Spring plate on air spring bellows* -**3**- on the upper air spring bellows ⇒ *Spring plate on air spring bellows* -**2**- must also be replaced.



Spring plate on air spring bellows

- 6 Install rear wheel housing liners. ⇒ *Workshop Manual '536919 Removing and installing rear wheel housing liner'*
- 7 Install rear wheels. ⇒ *Workshop Manual '440519 Removing and installing wheel'*
- 8 **Only for vehicles with adaptive air suspension:** Fill the levelling system. ⇒ *Workshop Manual '430117 Bleeding and filling the levelling system'*
- 9 Lower the vehicle and remove it from the lifting platform.
- 10 Perform suspension alignment and make adjustments if necessary. ⇒ *Workshop Manual '449503 Performing front and rear suspension alignment'*
- 11 Enter the action in the Warranty and Maintenance booklet.

Warranty processing section

Information: **General information on warranty processing**

The scopes listed below for this measure include **all required parts and the work** required for **replacing** the threaded connections on the upper control arms of the rear axle.

All tasks as well as the additional parts required **if the check for consequential damage reveals that individual components have been replaced** are **not** included and must be recorded separately afterwards.

For this campaign, please always invoice the assigned scope using a regular campaign claim in WWS.

If individual components must also be replaced due to **consequential damage**, any **labour costs incurred and additional costs for necessary parts over and above the relevant scope** must then be billed using a **reimbursement claim** for the original action request for this campaign.

**Information**

The specified working times were determined specifically for carrying out this action and include all required preliminary and subsequent work.

The working times may differ from the working times published in the Labour Operation List in PCSS.

**Information****Costs for transporting the vehicle - Vehicles with Stop Use**

The costs incurred as a result of transporting the vehicle can be invoiced in the action request for recall campaign AMC3 under the part number AMC30000001.

Please attach a copy of the invoice to the action request in WWS.

Scope 1:

Reworking threaded joints on the rear axle

- Adaptive air suspension with Porsche Active Suspension Management (PASM) (**M-no. 1BK**)
- Vehicles with Porsche InnoDrive incl. adaptive cruise control (**M-no. 3V2**) or with ACC with speed limiter (FOD) (**M-no. 3V9**)

Working time:

Reworking threaded joints on the rear axle

Labor time: **387 TU**

Includes: Removing and installing rear wheels
Bleeding and filling the levelling system
Removing and installing rear wheel housing liner
Carry out visual inspection of the screwed components for damage
Measure vehicle at the front and rear and make adjustments if necessary.

Required parts:

N 10628601	Hexagon flange bolt,M12x1.5x75	8 ea.
PAF909664	Hexagon collar nut M12x1.5	8 ea.
9J1616297A	Spring plate	2 ea.

Additional costs:

AMC30000001*	Transport costs	1 ea
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* For warranty processing, the Part No. **AMC30000001** can be invoiced in the warranty claim as an **additional part** with the designation "Transport costs" and with the amount as per invoice. **Please document a copy of the invoice in WWS.**

⇒ **Damage Code AMC3 099 000 2**

Scope 2: **Reworking threaded joints on the rear axle**

- Adaptive air suspension with Porsche Active Suspension Management (PASM)(**M-no. 1BK**)
- Vehicles with cruise control with speed limiter (**M-no. 8T6**)

Working time:

Reworking threaded joints on the rear axle Labor time: **360 TU**

Includes: Removing and installing rear wheels
 Bleeding and filling the levelling system
 Removing and installing rear wheel housing liner
 Carry out visual inspection of the screwed components for damage
 Measure vehicle at the front and rear and make adjustments if necessary.

Required parts:

N 10628601	Hexagon flange bolt M12x1.5x75	8 ea.
PAF909664	Hexagon collar nut M12x1.5	8 ea.
9J1616297A	Spring plate	2 ea.

Additional costs:

AMC30000001*	Transport costs	1 ea
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* For warranty processing, the Part No. **AMC30000001** can be invoiced in the warranty claim as an **additional part** with the designation "Transport costs" and with the amount as per invoice. **Please document a copy of the invoice in WWS.**

⇒ **Damage Code AMC3 099 000 2**

Scope 3: **Reworking threaded joints on the rear axle**

- Vehicles with Porsche Active Suspension Management (PASM) (**M-no. 1BH**)
- Vehicles with cruise control with speed limiter (**M-no. 8T6**)

Working time:

Reworking threaded joints on the rear axle

Labor time: **346 TU**

Includes: Removing and installing rear wheels
 Removing and installing rear wheel housing liner
 Carry out visual inspection of the screwed components for damage
 Measure vehicle at the front and rear and make adjustments if necessary.

Required parts:

N 10628601	Hexagon flange bolt M12x1.5x75	8 ea.
PAF909664	Hexagon collar nut M12x1.5	8 ea.

Additional costs:

AMC30000001*	Transport costs	1 ea
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* For warranty processing, the Part No. **AMC30000001** can be invoiced in the warranty claim as an **additional part** with the designation "Transport costs" and with the amount as per invoice. **Please document a copy of the invoice in WWS.**

⇒ **Damage Code AMC3 099 000 2**

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