

Letter with return receipt requested
Letter on vehicle owner

Service measure on trailer disc brakes of the BPW ECO Disc TS2

Dear Sir or Madam,

BPW Bergische Achsen Kommanditgesellschaft (hereinafter referred to as "BPW") stands for safe products and sustainable solutions. As part of our product and continuous field monitoring, we have determined that leaks can occur around the adjuster and/or the bellows on our trailer disc brakes of the type BPW ECO Disc TS2 from the production period 12.03.2019 to 23.06.2022.

The leaks can lead to corrosion inside the brake caliper, resulting in failure of the automatic adjuster function. In extreme cases, the affected caliper, will lose its braking capability. In your case, the chassis numbers shown in the attachment are affected. This concerns axle production in 2019, 2020 and 2021. Vehicles with brakes from the first half of 2022 will be subject to a separate service measure. Information on this will be provided at a later stage.

We have identified the cause of the leakage and as such the problem has been rectified on the calipers delivered from today onwards.

To avoid functional impairments and possible consequential damage, it is necessary to subject the vehicles with axles from production years 2019, 2020 and 2021 to a continuous control measure as described at the beginning in the attached "Overall process" schedule.

This involves a thorough visual and temperature check by the driver to identify suspicious brakes. You must instruct your drivers to take the following measures:

- **The brakes are to be assessed on the basis of the visual condition of the brake disc (corrosion present due to lack of contact with the brake lining?).**
- **The wheel hubs are to be checked at the end of the trip for noticeable temperature differences (a colder hub indicates lack of contact between pad and disc).**

You must also ensure that the BPW maintenance instructions (semi-annual inspection of the brake disc and caliper guide) are observed.

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As can be seen from the flow chart, all vehicles must undergo a functional test by a workshop at the end (see flow chart "Functional test by workshops"). Since the risk appears to be higher for the older vehicles, vehicles with axles from the production years 2019 and 2020 must urgently and at short notice be subjected to a brake roller test, irrespective of the control measures implemented by the driver. Proof of this test must be documented and submitted to BPW upon request.

Vehicles with axles from production year 2021 are to be subjected promptly to the measures described in the "Functional test by workshops" process plan, irrespective of the control measures implemented by the driver (without additional brake roll test).

Detailed technical service instructions for workshops are required to carry out the steps in accordance with the "Functional test" process. We recommend having the function test performed by BPW Direct Service or BPW service centers. A list can be found on the Internet at www.bpw.de/service/service-netz.

Depending on the findings and parts availability, it may be necessary for individual vehicles to undergo further measures later.

Please inform your selected workshop about this service measure. For the workshop to order the spare parts, it is required to provide the workshop with the vehicle and axle data as well as the data collection form. The workshop must send the data collection sheet with the completed vehicle data and the axle numbers for each vehicle individually to BPW Customer Service TS2-Serviceteam@bpw.de or to the respective BPW subsidiary and country representative.

Only with this data can the workshop be provided with the required spare parts for your vehicle. BPW will confirm the vehicle-related material delivery to the workshop with the associated message number. The workshop must ensure to complete the data collection form fully during the workshop appointment.

The organizational handling of this measure is carried out by BPW Bergische Achsen Kommanditgesellschaft and the respective BPW subsidiaries and country representative (see attachment). For clarification of further technical questions, please contact the representative in your country.

Information has been provided to the German Federal Motor Transport Authority (KBA) in a letter dated 30.06.2022.

We will inform you in due time about further measures required in this matter.

We very much regret that these necessary measures will result in increased work for your company and will try to keep the inconvenience for you as low as possible. To maintain the functional safety of the vehicles, we ask for your active support and would also like to already thank you for your assistance in this matter.

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You can find the data collection form, the service manual and the overview of the BPW subsidiaries and representatives under the following links:

URL-Link: <https://www.bpw.de/service/maassnahme-ts2>

QR-Code:



Kind regards

Attachment:

Flow chart "Overall process" of the upcoming service measure

Flow chart "Functional check" by the workshops

Overview of the affected chassis numbers with the associated axle production number