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Service Information



Geschäftsbereich
Arbeitsmaschinen-Antriebe und Achssysteme

Oil Level Check for Bus Axle Type AV-132

We already pointed out to the oil level check by our SI 61/02.

For making clear the importance we would like to refer explicitly to this item once again.

As per experience the oil level is not checked any more by the vehicle users until the 1st oil change.

This lack of checking is due to the relaxed oil change intervals during the last years. However, independently of the oil change intervals ZF already pointed out to the necessity of regular oil levels checks in the past. This can be read in all relevant ZF repair manuals:

"Monthly oil level check, but especially for putting into operation of a vehicle with new or repaired axles and axles parts respectively."

We take this opportunity to point out to this recommendation / specification repeatedly. A quantitative lubrication reducing can have very negative effects and might even cause that the axle gearbox gets totally damaged.

For a troublefree axle operation the correct oil level is absolutely necessary!
Therefore, we recommend to make this check at regular intervals at the usual / other maintenance work!

Oil quantity axle casing: approx. 18 –19.5 liters depending on the parts list version, **decisive, however, is the overflow.**

For the oil change it is to be observed that the filled-up oil needs a certain time (depending on the parts list version) to spread in the axle casing and in the portals. Therefore, have the oil settled after the first filling for a sufficient time; following fill it up to the overflow (upper edge oil filler hole)

Oil quantity wheel hub: approx. 0.7 liter, **decisive, however is the overflow.**

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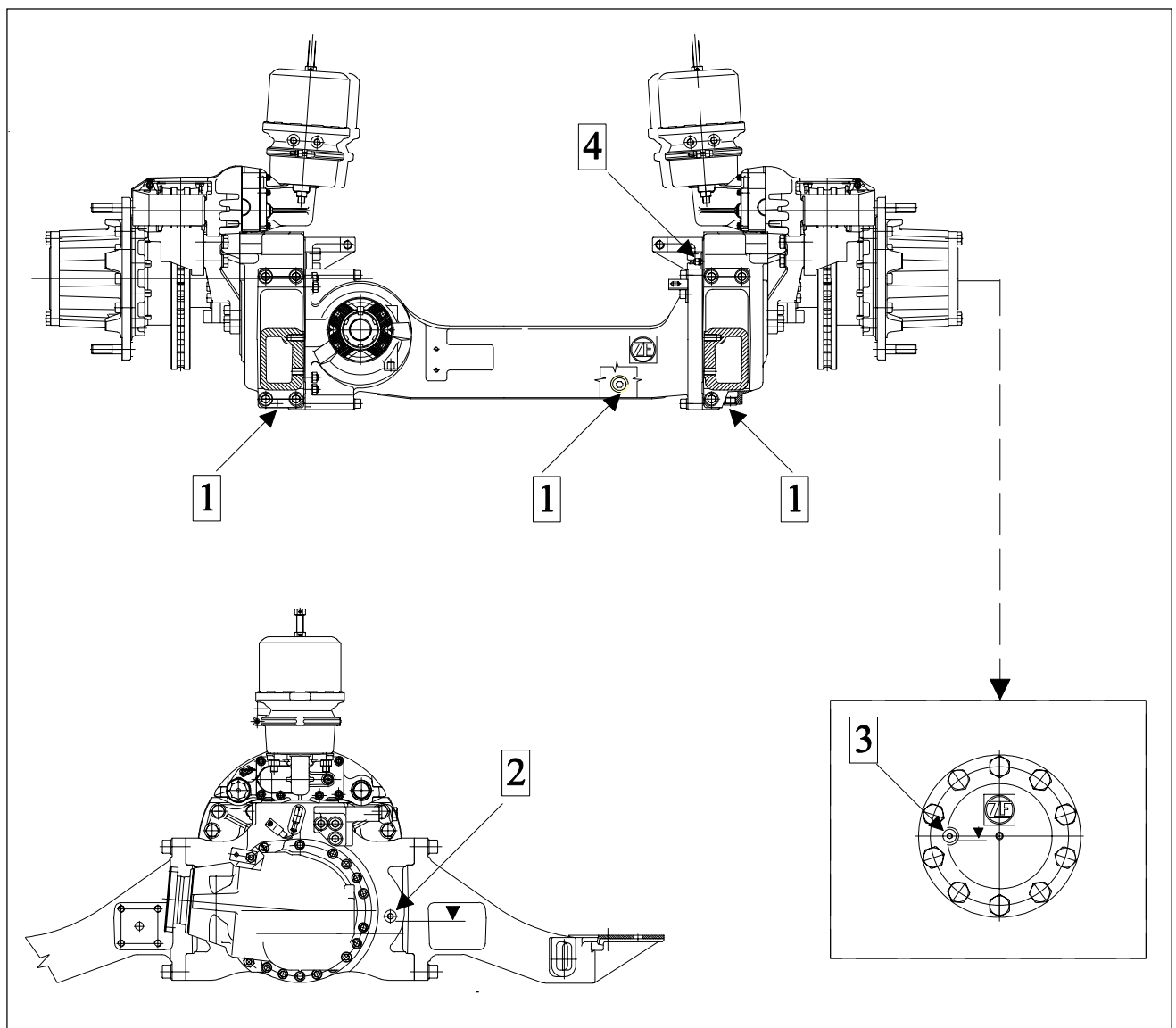
ZF PASSAU GMBH
Kundendienst

MAINTENANCE and TOWING INSTRUCTIONS

1. Oil quality / Oil change : According to ZF List of Lubricants TE-ML 12, see pages 0.10 ... 0.13 !

Attention: The respective **updated list** can be requested in every ZF After-Sales Service Center and in the Internet under **www.zf-group.de** .

General: All drain-, filler- and level plugs must be cleaned carefully before opening!
 Place vehicle in a horizontal plane!
 Drain oil only immediately after a longer running time!
 Observe the safety directions of the vehicle manufacturer!



Legend:

1 = Drain holes	Axle casing – Portal drive
2 = Filler- and level hole	Axle casing – Portal drive
3 = Drain-, filler and level hole	Output (hub)
4 = Breather	