

**Measure no.**

[REDACTED]

**Subject**

Front brake caliper leaking

**Status date (mm/dd/yy)**

10/30/19

**Status**

Approved

**Organization**

US, MOT

**Date created (mm/dd/yy)**

10/18/19

**Created by**

[REDACTED]

**PQM Problem reference**

**Release date (mm/dd/yy)**

10/30/19

**Approved by**

[REDACTED]

**Dealer release**

Allow automatic release

**Vehicles affected**

**E series**

K50/11 K51/11 K52

**Engine**

**Body**

**Production period (from/to)**

(mm/dd/yy)

9/1/18 /

**Comment on production period**

**Feedback (all cases relating to**

**measure up to) (mm/dd/yy)**

**Complaint**

Front brake caliper leaking at the piston sealing ring or at the contact surface of the caliper parts

**Cause**

There are several known causes:

- Seal in the contact surface of the caliper parts damaged
- Piston sealing ring damaged
- Cavity cut in piston groove
- Contamination by particles during installation
- Piston sealing ring / housing groove with excessively rough surface and thus capillary effect between seal and caliper housing--> see attachment for exact description

**Measure**

Visually inspect the front brake calipers on the vehicles. If there is visible leaking at the contact surface of the caliper parts, replace the brake caliper. In the event of a leak in the piston sealing rings, proceed on the following temporary basis before any repair measure:

- Clean the brake caliper / affected components of any brake fluid

- Apply pressure to the front brake circuit by briefly activating the hand lever (50x, medium hand force)
- if possible, break in the brake with several strong braking movements at high speed.

If another leak is visible, please check the sealing rings and replace if necessary (repair kit 8 405 106 seals with pistons, repair kit 1 541 468 seals only). Further pressurisation is not necessary once there is a prompt handover to the customer (--> driving).

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**Complaint**

	<b>Fault location</b>	<b>Fault type</b>	<b>Fault place</b>
▶	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

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**Cause**

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▶ 1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

<b>Repair Task</b>	<b>Special Clearance</b>	<b>Area</b>
Checking, repairing, replacing	No	Chassis and Suspension

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**Fault code**

341101

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**Progman / DIS / ISTA / ISTA/P**

<b>System</b>	<b>State</b>	<b>Version</b>
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