

Measure no.

[REDACTED]

Subject

Front brake caliper leaking

Status date (mm/dd/yy)

2/25/19

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

2/25/19

Created by

[REDACTED]

PQM Problem reference

Release date (mm/dd/yy)

Approved by

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 mating surface of the caliper halves.

Cause

Piston sealing ring damaged, sealing ring on contact surface of caliper parts damaged, cavity cut in piston groove, contamination by particles during installation

Measure

Visually inspect the front brake calipers on the vehicles.
 Replace the caliper if a leak is visible on the contact surface of the caliper parts.
 Check the piston sealing rings if they are leaking.
 If the sealing ring is damaged, then install the repair kit 34 11 8 405 106.
 If the sealing ring is not damaged, the caliper must be replaced.
 For vehicles with a production date after the 14/12/2018, create a TSARA case in the event of a fault. The measure is valid until further notice.

Complaint

Fault location

Fault type

Fault place

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

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

Repair Task	Special Clearance	Area
Checking, repairing, replacing	No	Chassis and Suspension

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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Printed by [REDACTED] US, 9/19/19

Measure M in process

Measure no. [REDACTED]	Subject Front brake caliper leaking	
Status date (mm/dd/yy) 9/5/19	Status Accepted	PQM Problem reference
Date created (mm/dd/yy) 9/5/19	Created by [REDACTED]	Organization US, MOT
Release date (mm/dd/yy)	Approved by	Dealer release Allow automatic release

AIR

Vehicles affected

E series	Engine	Body
K50/11 K51/11 K52		
Production period (from/to) (mm/dd/yy)	Comment on production period	Feedback (all cases relating to measure up to) (mm/dd/yy)
9/1/18 /		

Complaint

Front brake caliper leaking at the piston sealing ring or at the mating surface of the caliper halves.

Cause

Piston sealing ring damaged, sealing ring on contact surface of caliper parts damaged, cavity cut in piston groove, contamination by particles during installation.

Measure

Visually inspect the front brake calipers on the vehicles.
 Replace the caliper if a leak is visible on the contact surface of the caliper parts.
 Check the piston sealing rings if they are leaking.
 If the sealing ring is damaged, then install repair kit 34 11 8 0405 106 seals with pistons, (repair kit 34 11 1 541 468 for seals only).
 If the seal is not damaged, the brake caliper must be replaced.
 A TASARA case is not required.

Internal note

Part number of sealing kit added

Printed by [REDACTED] US, 9/19/19

Printed by [REDACTED], US, 9/19/19

Complaint

Fault location: 34/11 Brake caliper, front	Fault type: Leak: brake fluid	Fault place: Both sides / all
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Cause

#	Fault location:	Fault type:	Fault place:
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all
	Repair Task Checking, repairing, replacing	Special Clearance No	Area* Chassis and Suspension

Fault code
341101

TC Action:

CIP / DIS

System	State	Version
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Valid until (mm/dd/yy)

Tech. Office report

Report no.	Subject	Link Condition	
[REDACTED]	Front brake caliper leaking	Approved	<input type="button" value="View"/> <input type="button" value="Edit"/>

Measure AG

Measure no.	Subject	
AG [REDACTED]	Front brake caliper leaking	<input type="button" value="View"/>

Printed by [REDACTED] ([REDACTED]), US, 9/19/19

Printed by [REDACTED] ([REDACTED]), US, 9/19/19

Assessment of the measure

Display Comments

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Printed by [REDACTED] ([REDACTED]), US, 9/19/19

Measure no.

[REDACTED]

Subject

Front brake caliper leaking

Status date (mm/dd/yy)

9/20/19

Status

Created

Organization

US, MOT

Date created (mm/dd/yy)

9/20/19

Created by

[REDACTED]

PQM Problem reference**Release date (mm/dd/yy)****Approved by****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 mating surface of the caliper halves.

Cause

Piston sealing ring damaged, sealing ring on contact surface of caliper parts damaged, cavity cut in piston groove, contamination by particles during installation.

Measure

Visually inspect the front brake calipers on the vehicles.

Replace the caliper if a leak is visible on the contact surface of the caliper parts.

Check the piston sealing rings if they are leaking.

If the sealing ring is damaged, then install repair kit 34 11 8 405 106 seals with pistons, (repair kit 34 11 1 541 468 for seals only).

If the seal is not damaged, the brake caliper must be replaced.

A TSARA case is not required.

Complaint

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

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

Repair Task	Special Clearance	Area
Checking, repairing, replacing	No	Chassis and Suspension

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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Measure no.

[REDACTED]

Subject

Front Brake Caliper Leaking

Status date (mm/dd/yy)

9/30/19

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

9/30/19

Created by

[REDACTED]

PQM Problem reference**Release date (mm/dd/yy)****Approved by****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 sealer or at the mating surfaces of the caliper halves.

Cause

Piston seal damage, sealing ring between caliper halves damaged, contamination by particles during assembly, flaw in piston groove.

Measure

Visually inspect the front brake calipers on the vehicles.

Leak at mating surface of caliper: If a leak is visible from the mating surface of the caliper halves, replace the caliper.

Leak at piston seal: If a leak is visible at the piston seal perform the following action first.

1. Clean the brake caliper and affected components

2. Pressurize the front brake circuit by briefly pressing and releasing the front brake lever 50 times with average hand strength.

3. Preload the hand lever with medium brake pressure for at least 24 hours, then release the pressure.

4. Let the bike sit for a minimum of 48hrs and perform a visual inspection for leaks.

If a leak is still visible, please check the sealing rings and replace if necessary.

Repair kit 1 -seals and piston (8 405 106) or

Repair Kit 2 – seals only (1 541 468).

Complaint

	Fault location	Fault type	Fault place
†	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

Cause

#	Fault location	Fault type	Fault place
† 1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all
	Repair Task	Special Clearance	Area
	Checking, repairing, replacing	No	Chassis and Suspension

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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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).

Complaint

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

Cause

#	Fault location	Fault type	Fault place
▶ 1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all
	Repair Task	Special Clearance	Area
	Checking, repairing, replacing	No	Chassis and Suspension

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version

Measure no.

██████████

Subject

Front brake caliper leaking

Status date (mm/dd/yy)

12/2/19

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

12/2/19

Created by

██████████

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K50/11 K51/11 K52 K67

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 pressurization is not necessary once there is a prompt handover to the customer (--> driving).

Complaint

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

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all
	Repair Task	Special Clearance	Area
	Checking, repairing, replacing	No	Chassis and Suspension

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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Measure no.

██████████

Subject

Front brake caliper leaking

Status date (mm/dd/yy)

1/31/20

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

1/31/20

Created by

██████████

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K50/11 K51/11 K52 K67

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

1. Piston sealing ring damaged
 2. Seal at the contact surface of the caliper parts damaged during installation
 3. Cavity cut in the piston groove
 4. Contaminated by particles during installation
 5. The surface of the piston sealing ring and groove base on the caliper side is too rough
- > see also description in attachment

Measure

Visually inspect the front brake calipers on the vehicles.

1. Visible leak at the contact surface

Exchange the components if a leak is visible on the contact surface of the caliper parts, it is not possible to repair the component.

2. Leak at the piston sealing ring

If there are leaks at the piston sealing ring, different measures must be taken depending

on the vehicle identification number / serial number of the brake caliper.

Optimized calipers are installed ex works as of the following vehicle identification numbers:

- K50/11 (black caliper) as of VIN [REDACTED]
- K50/11 (gold caliper) as of VIN [REDACTED]
- K51/11 (black caliper) as of VIN [REDACTED]
- K51/11 (gold caliper) as of VIN [REDACTED]
- K52 (black caliper) as of VIN [REDACTED]
- K52 (gold caliper) as of VIN [REDACTED]
- K67 as of VIN [REDACTED]

2.1) If there is a leak at the piston sealing ring in vehicles with a higher VIN than indicated above, exchange the sealing kit only.

Attention: Use new sealing kit part number 1 604 207

(available as of calendar week 05/2020)

In addition to the VIN, the brake caliper version can also be determined from the serial numbers on the caliper body. The technical status of the caliper body is optimized as of the following serial numbers and it must be repaired using a sealing kit:

- Left black caliper 19234161517
- Right black caliper 19234150844
- Left gold caliper 19226143856
- Right gold caliper 19225173952

2.2) In vehicles with a lower VIN than indicated above, replace the caliper completely if there is a leak at the piston sealing ring.

Attention: Use new part number 1 614 797 / 798 (black caliper) or

1 614 827 / 828 (gold caliper) (available as of calendar week 09/2020).

In the case of both repairs, we recommend carrying out a test drive with several vigorous braking actions even at high speed after carrying out the repair. This ensures the immediate conditioning of the brake caliper (settling of piston sealing rings).

Complaint

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

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all

Repair Task	Special Clearance	Area
Checking, repairing, replacing	No	Chassis and Suspension

Fault code341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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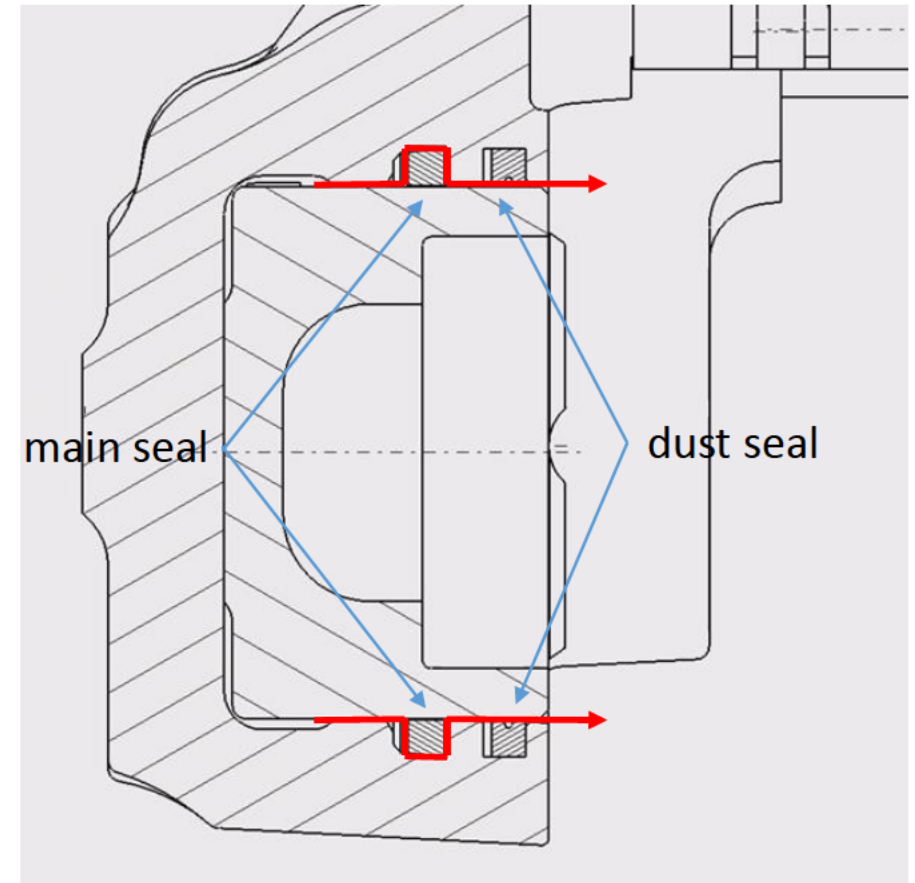
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LOW PRESSURE LEAKAGE FRONT BRAKE CALIPER HAYES. ROOT CAUSE AND MEASURE

- **Core reason:**

Capillary effect between caliper body and primary seal due to too high finish roughness before launching the vehicle.

1. housing end : variation of finish roughness in the groove caused by the anodizing process
2. seal end : finish roughness due to production process (grinding)



Low pressure leakage front brake caliper Hayes.

Root cause and measure

- **Corrective actions in vehicle production:**

Sept. 02nd 2019: conditioning of the brake calipers before vehicle assembly (simulation of driving cycles; brake in process); → work off the rough tops

Sept. 27th 2019 : Lowering the roughness values of the caliper body by modification of the process

cw 51/2019: Lowering the roughness values of the seal outer surface by reducing the forward feed rate while grinding

cw 03/2020 : Change of the production process of the seal to casting process

Measure no.

[REDACTED]

Subject

Front brake caliper weeping when parked

Status date (mm/dd/yy)

2/14/20

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

2/14/20

Created by

[REDACTED]

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K50/11 K51/11 K52 K67 K69

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 weeping at the piston sealing ring or at the contact surface of the caliper parts when the motorcycle is parked / at standstill.

Cause

1. Piston sealing ring damaged
2. Seal at the contact surface of the caliper parts damaged during installation
3. Cavity cut in the piston groove
4. Contaminated by particles during installation
5. The surface of the piston sealing ring and groove base on the caliper side is too rough

--> see also description in attachment

Measure

Visually inspect the front brake calipers on the vehicles.

1. Visible weep at the contact surface

Exchange the components if a weep is visible on the contact surface of the caliper parts, it is not possible to repair the component.

2. Weep at the piston sealing ring

If there is weeping at the piston sealing ring, different measures must be taken depending on the vehicle identification number / serial number of the brake caliper.

Optimized calipers are installed at the factory as of the following vehicle identification numbers:

- K50/11 (black caliper) as of VIN [REDACTED]
- K50/11 (gold caliper) as of VIN [REDACTED]
- K51/11 (black caliper) as of VIN [REDACTED]
- K51/11 (gold caliper) as of VIN [REDACTED]
- K52 (black caliper) as of VIN [REDACTED]
- K52 (gold caliper) as of VIN [REDACTED]
- K67 as of VIN [REDACTED]

2.1) If there is a weep at the piston sealing ring in vehicles with a higher VIN than indicated above, exchange the sealing kit only.

Attention: Use new sealing kit part number 1 604 207 (available as of KW05/2020)

In addition to the VIN, the brake caliper version can also be determined from the serial numbers on the caliper body. The technical status of the caliper body is optimized as of the following serial numbers and it must be repaired using a sealing kit:

- Left black caliper 19234161517
- Right black caliper 19234150844
- Left gold caliper 19226143856
- Right gold caliper 19225173952

2.2) In vehicles with a lower VIN than indicated above, replace the caliper completely if there is a weep at the piston sealing ring.

Attention: Use new part number 1 614 797 / 798 (black caliper) or

1 614 827 / 828 (gold caliper) (available as of calendar week 09/2020).

In the case of both repairs, we recommend carrying out a test drive with several vigorous braking actions even at high speed after carrying out the repair. This ensures the immediate conditioning of the brake caliper (settling of piston sealing rings).

As of production date 02/10/2020, the 'new sealing ring' remedial measure was introduced at the factory. If vehicles exhibit anomalies after this production date, create a TSARA case.

Complaint

Fault location	Fault type	Fault place
34/11 Brake caliper, front	Sealing surface not OK	Both sides / all

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Surface fault	Both sides / all
	Repair Task	Special Clearance	Area
		No	

Fault code

341101

Progman / DIS / ISTA / ISTA/P

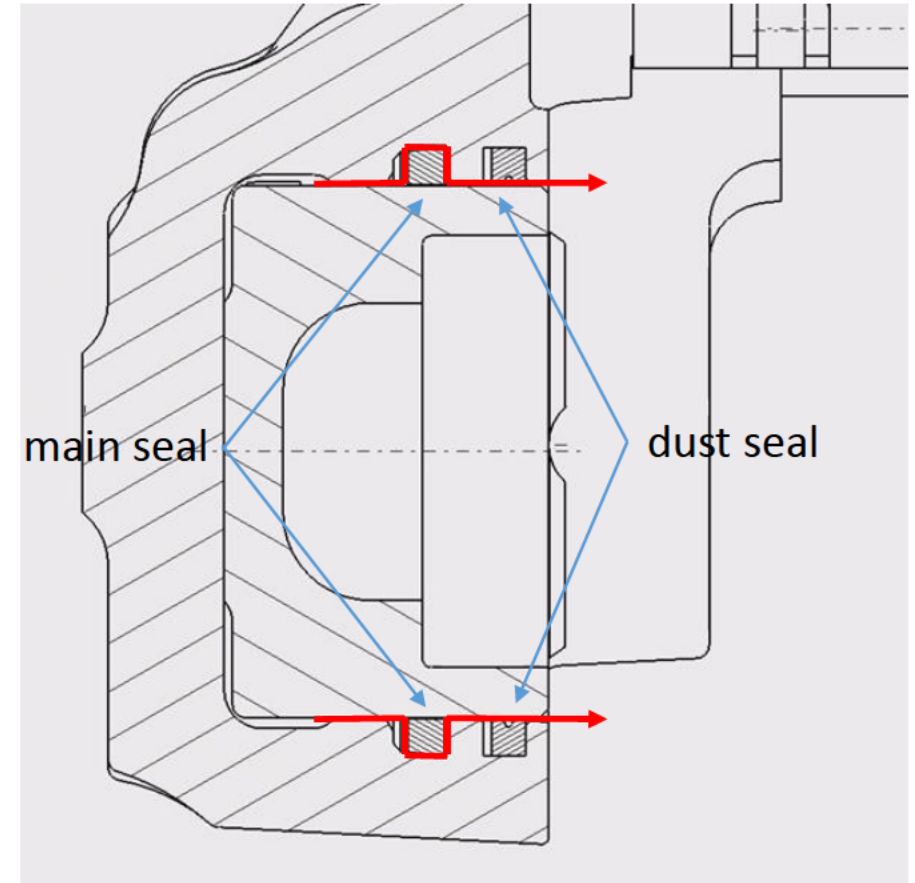
System	State	Version
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LOW PRESSURE WEEPING FRONT BRAKE CALIPER HAYES. ROOT CAUSE AND MEASURE

- **Core reason:**

Capillary effect between caliper body and primary seal due to too high finish roughness before launching the vehicle.

1. housing end : variation of finish roughness in the groove caused by the anodizing process
2. seal end : finish roughness due to production process (grinding)



Low pressure weepage front brake caliper Hayes. Root cause and measure

- **Corrective actions in vehicle production:**

Sept. 02nd 2019: conditioning of the brake calipers before vehicle assembly (simulation of driving cycles; brake in process); → work off the rough tops

Sept. 27th 2019 : Lowering the roughness values of the caliper body by modification of the process

cw 51/2019: Lowering the roughness values of the seal outer surface by reducing the forward feed rate while grinding

cw 03/2020 : Change of the production process of the seal to casting process



SIB 34 01 20

2020-03-24

FRONT BRAKE CALIPER WEEPAGE WHEN PARKED

This SIB is in addition to PuMA measure [REDACTED] Front Brake Caliper Weeping when Parked

What's New compared to PuMA measure (Specific text highlighted):

- New part numbers

MODEL

E-Series	Model Description
K50/11	R 1250 GS
K51/11	R 1250 GS Adventure
K52	R 1250 RT
K67	S 1000 RR

SITUATION

Front brake caliper weeping at the piston sealing ring or at the contact surface of the caliper parts when the motorcycle is parked / at standstill.

CAUSE

1. Piston sealing ring damaged
 2. Seal at the contact surface of the caliper parts damaged during installation
 3. Cavity cut in the piston groove
 4. Contaminated by particles during installation
 5. The surface of the piston sealing ring and groove base on the caliper side is too rough
- > see also description in attachment

CORRECTION

Perform a visual inspection of the front brake calipers.

1. Visible weepage at the interface.

If there is visible weepage at the separating surface of the saddle halves, the components must be replaced. A repair on the component is not possible.

2. Weepage in the piston seal

In the event of weeping in the piston seal, depending on the VIN / serial number, the brake calipers to take different measures.

From the following VIN, optimized calipers are installed ex works:

- K50 / 11 (black caliper) from VIN [REDACTED]
- K50 / 11 (gold caliper) from VIN [REDACTED]
- K51 / 11 (black caliper) from VIN [REDACTED]
- K51 / 11 (gold caliper) from VIN [REDACTED]
- K52 (black caliper) from VIN [REDACTED]
- K52 (gold caliper) from VIN [REDACTED]
- K67 from VIN [REDACTED]

2.1)- In the case of vehicles with a higher VIN than stated above, in the event of a weep, only replace the seal kit with the piston seal.

Attention: Use new part number seal kit 1 604 207

In addition to the VIN, the construction status of the brake calipers can also be determined using the serial numbers on the caliper body. From the following serial numbers, the seals should be replaced.

- Left caliper black 19234161517
- Right caliper black 19234150844
- Left caliper gold 19226143856
- Right caliper gold 19225173952

2.2) In vehicles with a lower VIN than those in Step 2.0 above, in the event of a weep, complete replacement of the caliper is necessary.

Attention: Use new part number 1 614 797/798 (black) or 1 614 827/828 (gold)

For both repairs, it is recommended that a test drive be carried out after the repair has been carried out with several powerful braking applications, even from a higher speed if traffic allows. This ensures setting the piston seals.

PARTS INFORMATION

Obtain and confirm the part numbers for your specific vehicle by entering the chassis number in either ETK or AIR which takes into account specific equipment and/or options.

Part Number	Description	Quantity
34 11 1 604 207	Seal kit	1
34 11 1 614 797	Black	1
34 11 1 614 798	Black	1
34 11 1 614 827	Gold	1
34 11 1 614 828	Gold	1

WARRANTY INFORMATION

This Service Information bulletin provides technical, diagnostic and repair-related information.

Eligible and Covered Work/Repairs

When used to repair a verified defect in materials or workmanship, the repair procedure information provided in this bulletin is covered under the terms of the BMW New Motorcycle Limited Warranty

To submit a claim, please following the established and applicable warranty policy and procedures (Labor/Part/Sublet – bulk materials) that apply to the repair being performed.

Refer to AIR for the corresponding defect code, flat rate la labor operations (including diagnosis) and the flat rate unit (FRU) allowances.

Only one Main labor operation code can be claimed per repair visit.

Work time (WT) labor operation codes require individual punch times and explanations on the repair order and in the claim comments section.

Supporting Materials

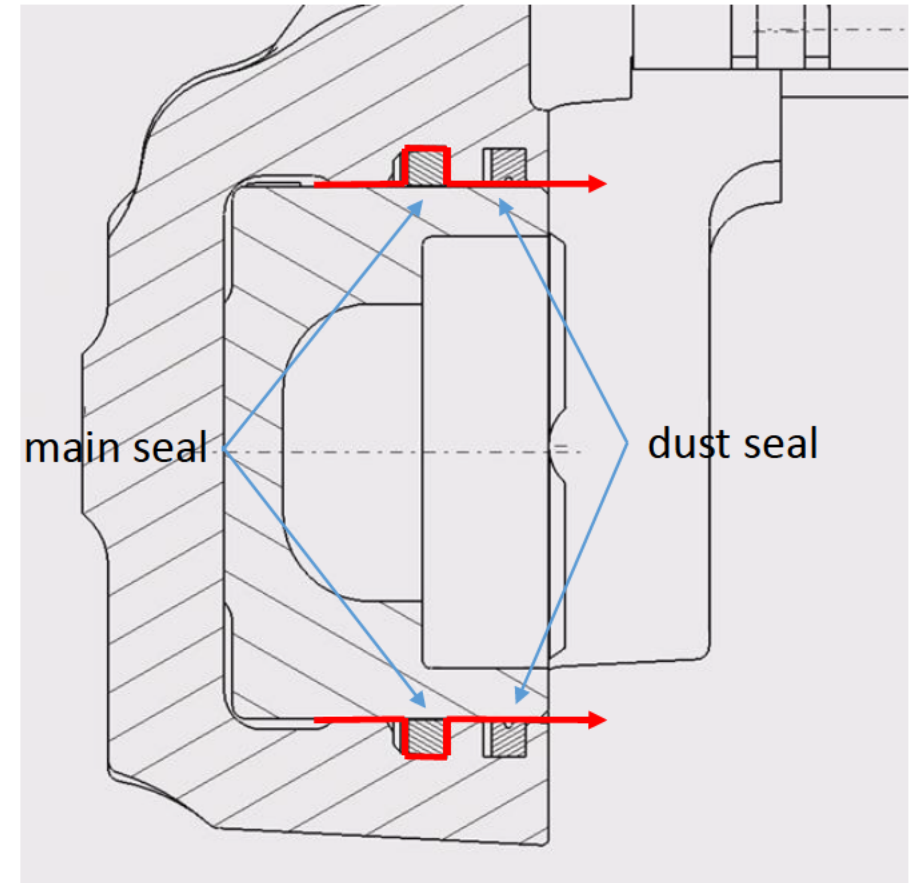
[picture_as_pdf 34 01 20 Attachment.pdf](#)

LOW PRESSURE WEEPING FRONT BRAKE CALIPER HAYES. ROOT CAUSE AND MEASURE

- **Core reason:**

Capillary effect between caliper body and primary seal due to too high finish roughness before launching the vehicle.

1. housing end : variation of finish roughness in the groove caused by the anodizing process
2. seal end : finish roughness due to production process (grinding)



Low pressure weepage front brake caliper Hayes. Root cause and measure

- **Corrective actions in vehicle production:**

Sept. 02nd 2019: conditioning of the brake calipers before vehicle assembly (simulation of driving cycles; brake in process); → work off the rough tops

Sept. 27th 2019 : Lowering the roughness values of the caliper body by modification of the process

cw 51/2019: Lowering the roughness values of the seal outer surface by reducing the forward feed rate while grinding

cw 03/2020 : Change of the production process of the seal to casting process



SIB ██████████
Front brake caliper leaking

This document applies to the following Motorrad AG models: 0A13,0A61

This document applies to the following Motorrad model descriptions: R 1200 GS US,R 1200 RT US

This document applies to the following Motorrad series: K50,K52

SITUATION

This document is applies to the following categories: Brakes

Other Information:

Supporting Materials

[picture_as_pdf ██████████_Front brake caliper leaking.pdf](#)

Measure no.

[REDACTED]

Subject

Front brake caliper leaking

Status date (mm/dd/yy)

2/25/19

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

2/25/19

Created by

[REDACTED]

PQM Problem reference**Release date (mm/dd/yy)****Approved by****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 mating surface of the caliper halves.

Cause

Piston sealing ring damaged, sealing ring on contact surface of caliper parts damaged, cavity cut in piston groove, contamination by particles during installation

Measure

Visually inspect the front brake calipers on the vehicles.

Replace the caliper if a leak is visible on the contact surface of the caliper parts.

Check the piston sealing rings if they are leaking.

If the sealing ring is damaged, then install the repair kit 34 11 8 405 106.

If the sealing ring is not damaged, the caliper must be replaced.

For vehicles with a production date after the 14/12/2018, create a TSARA case in the event of a fault. The measure is valid until further notice.

Complaint**Fault location****Fault type****Fault place**

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

Cause

#	Fault location	Fault type	Fault place
1	34/11 Brake caliper, front	Leak: brake fluid	Both sides / all
Repair Task	Special Clearance	Area	
Checking, repairing, replacing	No	Chassis and Suspension	

Fault code

341101

Progman / DIS / ISTA / ISTA/P

System	State	Version
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