

Retail Operator General Manager	Sales New Motorcycles	Sales Pre-Owned Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
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BMW Motorrad USA

Service Information Bulletin

****Notice of Recall 12V-487****

Subject: Air Ingress into Front Brake System

Models: K 1200 S (K40), K 1200 R (K43), K 1200 R Sport (K43HV) - vehicles with BMW Motorrad Integral ABS generation II

Details: Vibration, particularly on a long ride at constant high engine rpm and on engine overrun at high rpm, can, under certain circumstances, cause foaming of the brake fluid in the brake-fluid reservoir of the front brakes. The possibility of this foaming causing air to enter into the brake system cannot be excluded.

The braking efficiency of the front brakes can diminish severely, depending on the volume of air that enters the brake system in this way.

Motorcycles affected: In order to determine if a specific motorcycle is affected by this Recall Campaign, it will be necessary to verify all motorcycle VINs through a DCS Vehicle History Check. Based on the response of the system, either proceed with the repair or take no further action. Please note, affected VINs may not appear until 24-48 hours after the release of this bulletin.

NHTSA Statement: PERFORM THE PROCEDURE OUTLINED IN THIS SERVICE INFORMATION ON ALL AFFECTED VEHICLES BEFORE CUSTOMER DELIVERY OR THE NEXT TIME THE VEHICLE IS IN THE SHOP FOR MAINTENANCE OR REPAIRS.

BMW Motorcycle dealers must ensure recalls are completed after having been notified by BMW of North America, LLC (BMW Motorrad USA) that a safety-related defect or noncompliance exists in any motor vehicle or item of replacement equipment in the dealer's possession at the time of notification. In BMW NA's case, this notification would typically be made by the issuance of a recall notification in the form of a Service Information Bulletin (SIB) or transmission of a Dealer Communication System (DCS) recall message.

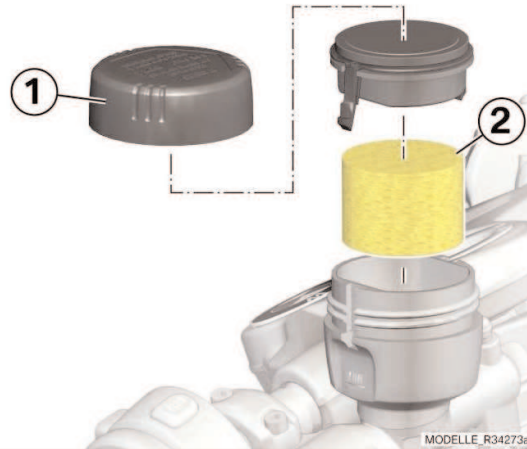
Under the National Traffic and Motor Vehicle Safety Act of 1966, as amended, if a recall campaign is announced by BMW NA, dealers must ensure that all recalls on motorcycles and new items of replacement equipment are completed BEFORE delivery to the consumer. This means that dealers may not legally deliver new motorcycles or new items of replacement equipment to consumers with an open recall.

The Safety Act also prohibits dealers from selling or leasing the motorcycles or item of replacement equipment, unless and until the open recall has been completed BEFORE delivery. This also pertains to motorcycles in the Certified Pre-Owned program, and to items of replacement equipment.

Finally, BMW motorcycle dealers should not sell or use parts that have been recalled by BMW Motorrad USA. Please follow the specific instructions provided by BMW Motorrad USA on the return or disposition of the parts.

Aftersales Solution:

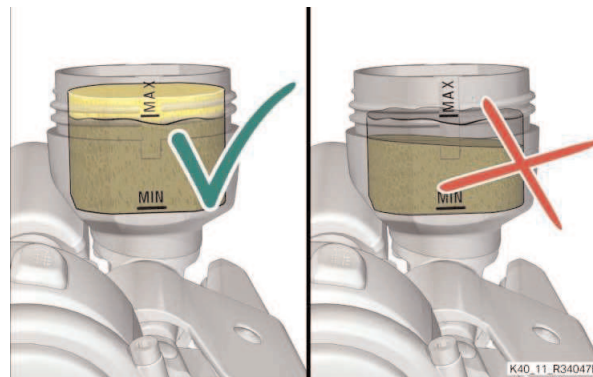
A screen insert has to be installed in the reservoir for brake fluid of each vehicle affected. The procedure for retrofitting is as described in work item 00 60 200, which you will find in the attachment to this Service Information Bulletin.



Reservoir cap (1)
Screen insert (2)

Important Notes:

The screen insert can effectively prevent the brake fluid from foaming only if the surface of the brake fluid passes through the mesh of the insert. The flexibility of the material diminishes over time, so the only way effectiveness can be ensured is to replace the new screen insert every time on completion of repair or service work on the front brake system.



Position of screen insert in the reservoir for brake fluid

The screen insert must be replaced as part of every brake-fluid change and whenever the front brake pads are replaced.

Warranty Information:

The repair described in this bulletin is covered under warranty regardless of time or mileage. Reimbursement for this Recall Campaign is through normal claim entry utilizing the following information:

Defect Code:	00 00 34 77 00	Retrofit, screen insert for reservoir for brake fluid and loose-leaf insert, Rider's Manual
Labor Code:	00 60 200*	Retrofit, screen insert for reservoir for brake fluid and loose-leaf insert, Rider's Manual, 5 FRUs
Part Numbers:	01 49 8 546 065 32 72 7 727 634	Loose-leaf insert for Rider's Manual Screen insert for brake fluid reservoir

*Main Work 00 60 200 - this main labor operation crediting 5 FRUs includes all repair procedures to complete the task with allowance for necessary ancillary tasks (e.g., visual inspection, lubrication, cleaning parts etc.) and administrative tasks.

Only one main labor operation can be claimed per repair visit. All other labor operations for any other line(s) must be claimed using plus code labor operations.

Please refer to the Warranty Policy and Procedures Manual regarding add-ons, proper support, documentation, claims submission and archiving requirements as applicable.

Work Item 00 60 200 Retrofitting Screen Insert for Front Brake Fluid Reservoir
00 60 200:

Brake fluid attacks paintwork, plastic and rubber parts.
Do not allow brake fluid to come into contact with painted plastic parts or rubber parts.
The ingress of air can have a detrimental effect on braking efficiency.

The screen insert must be replaced each time the brake fluid is changed and each time the front brake pads are replaced.

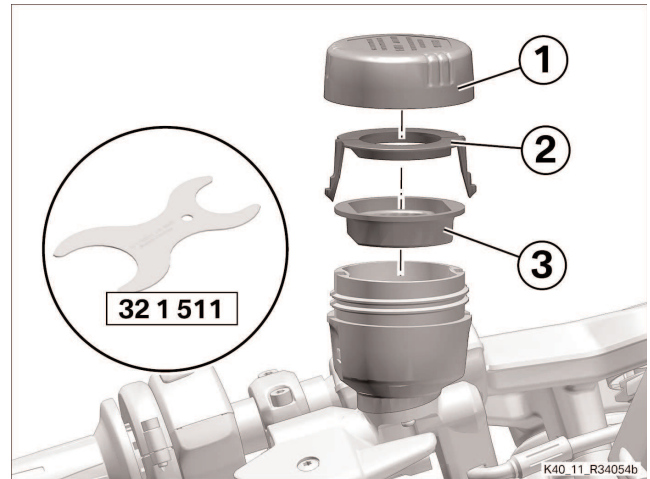
Removing cap of front reservoir for brake fluid and diaphragm

Using disengagement tool (32 1 511), press back the lugs on retainer (2).

Remove reservoir cap (1).

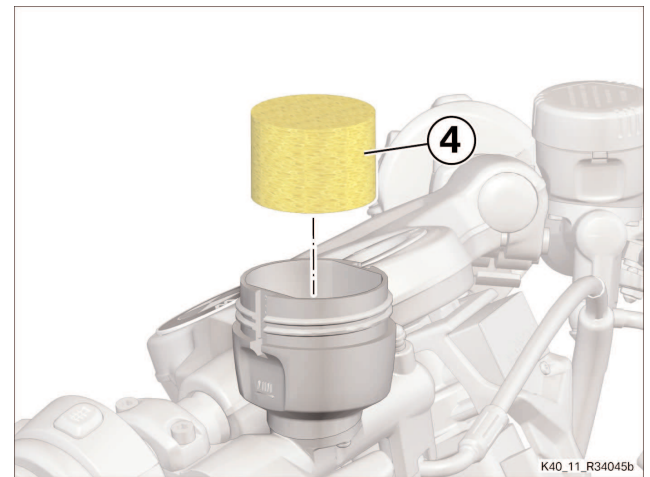
Remove lock washer (2) (with suppressor weight-K 1200 R Sport).

Remove flexible gaiter / diaphragm(3).



Installing screen insert, diaphragm and cap of front reservoir for brake fluid

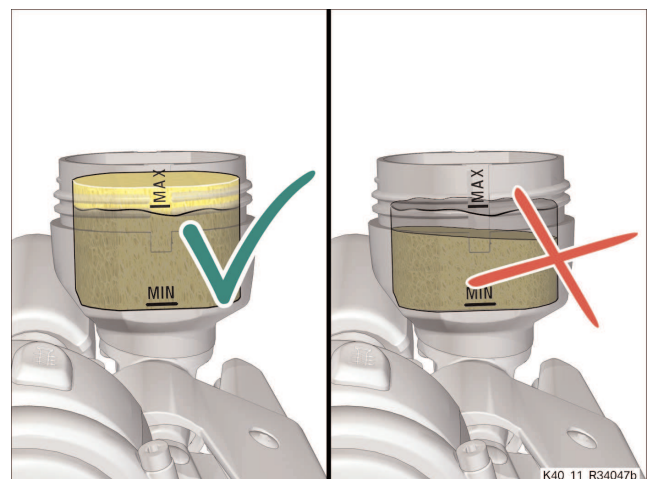
Carefully install screen insert (4).



Check the brake-fluid level.

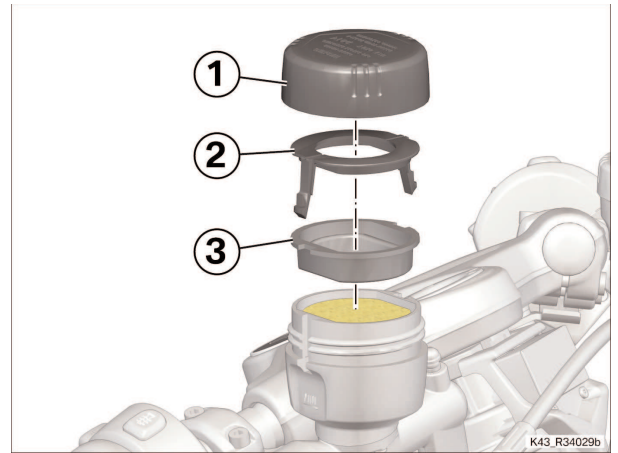
The surface of the brake fluid passes through the screen insert, not above it.

Adjust fluid level if necessary



Clean diaphragm (3) and retainer / suppressor weight (2) (with a lint-free cloth and install the parts together.

Install reservoir cap (1) and tighten firmly.



Finishing work: **Final check of work performed**

Check that the work as performed achieved the intended purpose.

All reservoirs and containers have been filled and that all fluids and lubricants are at their correct levels.

All threaded fasteners released beforehand have been correctly retightened.

The fuel system is free of leaks.

The lights and signalling equipment are fully operational and that the motorcycle is roadworthy.

The brake pads of the front and rear brakes are bedded against the brake discs.

Contact: Service and Technical Manager