SIB 66 01 14   2021-09-03
SERVICE ACTION: Keyless Ride Radio Keys - Bulletin 66 001 14 (026)R

This Service Information Bulletin replaces SI 66 001 14 (026)R **dated August 2014**.

The contents of this bulletin have not changed; bulletin numbering was updated.

MODEL

This document applies to the following Motorrad AG models: 0612

This document applies to the following Motorrad model descriptions: K1600GTL US

This document applies to the following Motorrad series: K48

SITUATION

This document is applies to the following categories: Cruise control, remote Control

Supporting Materials
picture_as_pdf 66_001_14_026R_Radio_Operated_Keys.pdf

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Bulletin # 66 001 14 (026)**R**		

BMW Motorrad USA

Service Information Bulletin

Technical Campaign

Subject: **Keyless Ride Radio Keys**

Model: K 1600 GTL Exclusive (K48)

Details: BMW Motorrad has ascertained that Keyless Ride radio keys produced before March 28, 2014 have faulty software. This can result in the radio key ceasing to work; resulting in the engine not being able to start. If the radio key stops working while riding, the warning and indictor lamps light up to indicate the fault but the engine will not stop running until it is shut off. The emergency key is not affected by this problem and can be used at any time.

Note: Section 4 of the Rider's Manual contains a description of how to use the emergency key.

Vehicles affected: The Date range listed is only for informational purposes and is not to be considered a deciding factor. In order to determine if a specific vehicle is affected by this Technical Campaign, it will be necessary to verify all vehicle 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.

Production Solution: Vehicles produced as of March 28, 2014 have fault-free radio keys.

Aftersales Solution: Before handing over a new vehicle to its owner or when vehicles possibly affected by this issue are next brought to the workshop, complete the work described on the following pages for this technical campaign. It is important that both radio keys and the emergency key are with the motorcycle. If the emergency key is not present it will be disabled.

Warranty Information: Reimbursement for this Technical Campaign is through normal claim entry utilizing the following information:

Defect code: 00 66 00 00 00   Replacing both radio keys

Labor code: 00 60 294*   Replacing both radio keys, 5 FRUs

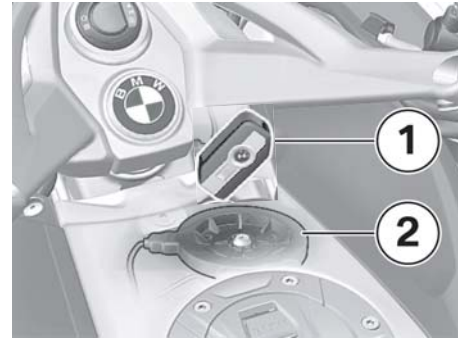Part number: 66 12 8 555 168   Radio key (x2)

*Main Work 00 60 294 - 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.

Contact: Service and Technical Manager

1: Procedure for preparing new radio keys for use (brief test)

-Move all radio keys out of range of the aerial ring (distance more than 2 meters).

-Hold one of the new radio keys in position over the aerial ring and switch on the ignition. Verify the engine can be started.

-Switch off the engine by means of the Keyless Ride button, not by means of the emergency-off switch (kill switch).

-Wait for 20 seconds with the ignition OFF.

-Hold the second new radio key in position over the aerial ring and switch on the ignition. Verify the engine can be started.
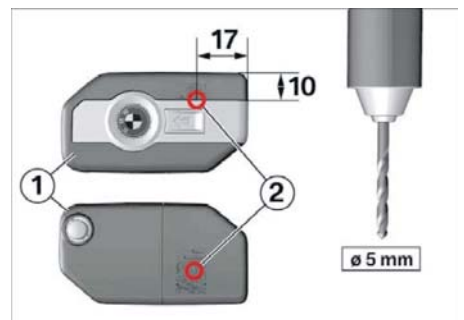
2: Procedure for destroying radio keys with faulty software

In order to avoid the possibility of confusion and prevent the radio keys with faulty software from being returned to customers, both radio keys must be destroyed and disposed of in the appropriate manner. Even radio keys with the faulty software that have always worked faultlessly can fail at any time. Under no circumstances should these keys be handed back to the customer as spares.

Note: There is no difference in appearance between the radio keys with the faulty software and the new radio keys, so it is vital to ensure that they are not inadvertently mixed up!

-Remove the battery from faulty radio key (1). (see riders manual)

-Clamp the radio key in a bench vice and drill a hole through it at destruction point (2) with a drill bit.

Technical data	
Drill-bit diameter	5mm
Destruction point (2)	17mm x 10mm

3: Procedure for enabling / disabling radio keys

At this point in time both radio keys with faulty software should have been destroyed and they must be out of range of the aerial ring (distance greater than 2 meters).
ISTA steps the operator through the procedure in the workshop system. The vehicle has to be identified with one of the new radio keys that had the brief test performed. In order for the key data to be registered, the radio key has to be placed over the aerial ring in front of the fuel filler cap and fixed in position. If necessary use a length of adhesive tape. If the radio key moves ever so slightly the procedure is aborted and will have to be restarted and repeated for all the radio keys.

Procedure:

-Select "**Activities**" and "Service functions".

-In the "Drive" menu: select "Electronic immobilizer EWS".

-Run the "**Disable/enable ignition** key" module:

-Select **"Disable key"** and register both new radio keys and the emergency key one after the other. The radio keys you register in this step **will not be disabled**.
Important: **Do not** attempt to register the defective (destroyed) radio keys.

-When you see the question: "How many keys are there in all for the vehicle?" answer: "5".
Note: This question does not appear in ISTA version 3.44 and higher (MOSS hybrid 18 and higher.)

-Check the overview: It must show 3 keys have been registered and 2 keys are flagged as missing.

Note: If all radio-operated keys were disabled beforehand, the new radio-operated keys will not work until they have been enabled in the workshop system.
The emergency/wallet key and radio keys that are enabled and held directly over the aerial ring will always display the key symbol with question mark(?).