

Retail Operator / General Manager	Sales – Motorcycles	Sales – Used Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
Date: October, 2015	Source: SI 20/2015					
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	Title: Manager – Service and Technical					



BMW Motorrad USA

Service Information Bulletin

Subject: Ignition remains on when ignition switch is turned off

Models: R nineT (K21)

Details: BMW Motorrad has ascertained that the ignition switch of the R nineT (K21) may exhibit a malfunction. When the ignition key has been turned to the off position, the ignition and engine remain on. Each time the ignition key is switched on, current flows through the microswitch contacts. This microswitch supplies electric current to the entire flow vehicle electrical system (KL15). When in ABS regulation the ABS control unit requires a relatively high current. This can cause spikes in amp flow to occur and the contacts to become welded together. If this happens the contacts no longer separate when the ignition key is turned to the off position.

Vehicles affected: All vehicles produced up until November 04, 2014.

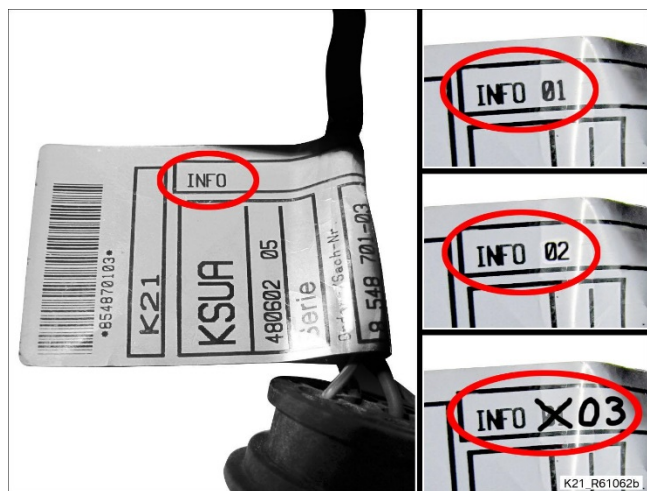
Production Solution: As of November 05, 2014 a modified wiring harness has been used in series production identified by "INFO 02" on the wire harness tag (see wiring-harness variants). With this wiring harness the power supply (KL15) for the ABS control unit is switched via pin 32 of the ZFE (central frame and suspension electronics control unit)

Model	US VIN	ECE VIN
K21	Z583482	Z425469

During a period from March 30, 2015 or from vehicle identification number Z608158 onward, 110 vehicles were fitted with the old standard wiring harness (identified by INFO / INFO 01). The service solution was fitted to these vehicles at the factory and are identified by "INFO 03" (handwritten change from "INFO 01" to "03").

Wiring-harness variants

The grey label with the part number is attached to the vehicle wiring harness near the diagnostic connector. Check the "INFO" number to identify the variant.

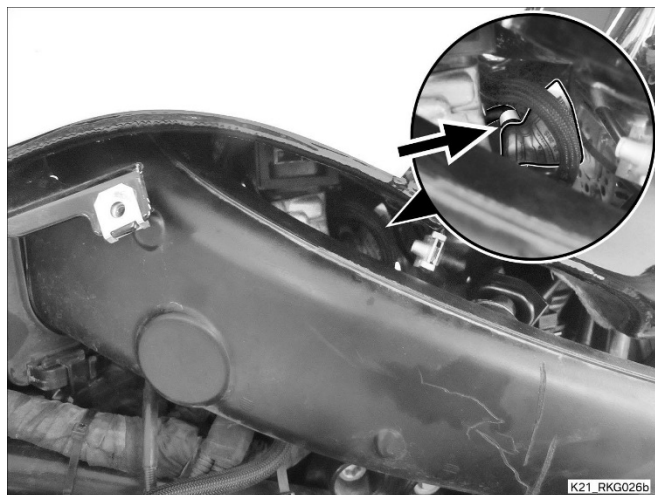


INFO / INFO **01**: standard wiring harness (part number 61 11 8 548 701) **up to** November 04, 2014

INFO **02**: standard wiring harness (part number 61 11 8 548 701) **from** November 05, 2014 onward

INFO **03**: **From** March 30, 2015 **until** April 01, 2015, the "INFO 01" version of the wiring harness (part number 61 11 8 548 701) was installed together with a retrofitted load-shedding relay (part number 61 12 8 553 659).

Note: Ascertaining whether the load-shedding relay with additional wiring harness has already been retrofitted is a matter of removing the right side cover and visually checking at the right side of the vehicle.



If the grey label of the additional wiring harness and the white mark are visible at the point indicated (arrow), the vehicle is already fitted with the additional wiring harness with load-shedding relay.

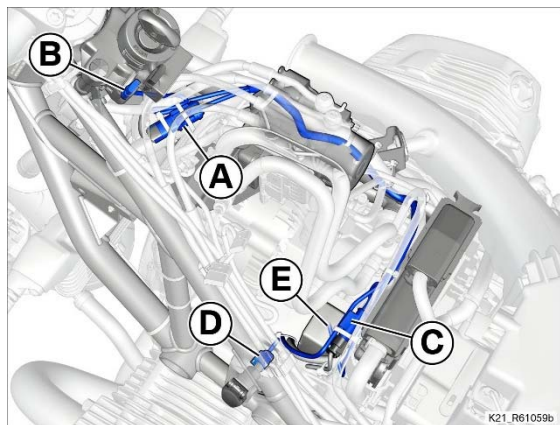
Standard wiring harness part number 61 11 8 548 701 with the "INFO 02" identifier was superseded by part number 61 11 8 552 922 from April 07, 2015 onward (VIN Z608381 onward). These two part numbers have the same technical status (KL15 supply to the ABS by the ZFE).

If a vehicle with the additional wiring harness and load-shedding relay has to be fitted with a NEW wiring harness, the only version supplied is the superseded part number 61 11 8 552 922 wiring harness. It is then no longer necessary to use the additional wiring harness with load-shedding relay.

Service Solution: In the event of a complaint on a vehicle built before November 05, 2014, install the load-shedding relay retrofit kit and a new ignition switch. Once the system has been modified in this way, the power supply (KL15) of the entire vehicle electrical system is switched via the load-shedding relay. The original ignition switch may have suffered initial damage and is to be replaced as well.

Note: The ignition switch has to be ordered separately.

See the description of the applicable work item 61 32 160 on the current RSD (Repair and Service Data BMW Motorrad) DVD.



Female adapter (A) for existing connector to ignition switch.

Connector (B) for ignition switch.

Female adapter (C) for existing connector to power socket.

Connector (D) for power socket.

Push-fit contacts (E) for load-shedding relay.

Warranty processing

Defect code	Description
61 31 91 12 00	Installing retrofit kit, load-shedding relay for ignition switch
FRU number	Description
61 32 160*	Installing retrofit kit, load-shedding relay for ignition switch, 12 FRUs
Part numbers	Description
61 12 8 553 659	1x Retrofit kit, load-shedding relay
61 31 8 543 110	1x Ignition switch
51 25 7 711 811	2x Non-removable screw

*Main Work: Main labor operation 61 32 160 include 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 Information:

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