



Retail Operator / General Manager	Sales – Motorcycles	Sales – Used Motorcycles	Business Manager (F&I)	Service	Parts & Accessories	Administration
Date: March 2015	Source: SI 04/2015					
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# BMW Motorrad USA

## Service Information Bulletin

### Subject: Alternator regulator

**Models:** C 600 Sport (K18), C 650 GT (K19), HP4 (K42), S 1000 RR (K46, K46/11), S 1000 R (K47).

**Details:** A modification has been made to the electronics of the alternator regulator. This has not resulted in a change to the part number (12 31 7 718 422). The label affixed to the rear of the component indicates the difference in version status.

The new version (FH020CA) is the only one available as a replacement part. This new alternator regulator (FH020CA) should **never** be installed without a fuse as protection against polarity reversal.

If the new alternator regulator were to be installed without this fuse being integrated into the wiring harness, polarity reversal could result in very severe damage to the vehicle.



### Illustration: Alternator regulator

- FH012DA old version
- FH020CA new version

### Vehicles affected

All vehicles with VINs preceding those listed do **not** have the corresponding fuse installed in the wiring harness from the factory.

Model	ECE VIN	US VIN
C 600 Sport (K18)	ZZ53199	ZZ99268
C 650 GT (K19)	ZZ73073	ZZ94957
HP4 (K42)	Z465689	ZL09146
S 1000 RR (K46)	All	All
S 1000 RR (K46/11)	Z041433	Z308598
S 1000 R (K47)	Z400733	Z198688

**Production Solution:** As of February 03, 2014 onward, the models stated above have a wiring harness with integrated fuse for the alternator regulator installed in series production.

**Aftersales Solution:** If an affected vehicle requires renewal of the alternator regulator, it is **essential** to install a repair line along with the alternator regulator.

See the description of the applicable work item (12 32 001) on the current RSD (Repair and Service Data BMW Motorrad) DVD.

### Warranty processing

The repair described in this bulletin will be covered by the normal terms of the BMW New Motorcycle Limited Warranty or until December 31, 2017, whichever comes first.

Use the temporary defect code below to bill installation of the repair line. Use the defect code and FRU amounts in RSD for renewal of the alternator regulator.

#### Defect code

12 32 90 80 00	Installing repair line for regulator replacement	
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#### FRU number

12 32 501	Installing additional line for regulator replacement, 3 FRUs	K18, K19
12 32 501	Installing additional line for regulator replacement, 6 FRUs	K42, K46, K46/11
12 32 501	Installing additional line for regulator replacement, 7 FRUs	K47

#### Part number

61 12 8 554 890	Repair line	K18, K19
61 12 8 554 889	Repair line	K42, K46, K46/11, K47



### NOTE

Customers who purchase the alternator regulator at the Parts Sales counter must be notified to the effect that the FH020CA alternator regulator must be installed along with the correct fuse protection (wiring harness with fuse) for operation.

### Contact Information

Service and Technical Specialist