

Measure no.

US 49881318-03

SubjectCharger - malfunctions when charging battery on K1600
GT/GTL**Status date (mm/dd/yy)**

7/30/12

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

7/30/12

Created by

Manuel Schoenbrunn

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

Allow automatic release

Vehicles affected**E series**

K48

Engine

6-ZYL

Body**Production period (from/to)**

(mm/dd/yy)

Comment on production period**Feedback (all cases relating to**

measure up to) (mm/dd/yy)

/

Complaint

When charging the battery using the on-board socket, the following malfunctions occur on the K 1600 GT/GTL when using chargers with part numbers 71 60 7 688 865 and 77 02 722 471 (up to and including date of manufacture A-3205*):

1. When plugging into the on-board socket(s) with the ignition switched off, battery charging does not start. After a while, the charger shows "ERROR".

2. The charge retention function is faulty when charging the battery via the factory-installed on-board sockets. The chargers show "ERROR" after 2 to 3 days.

*) The date of manufacture can be found on the charger's black base plate. The code "A-3205" means calendar week 32, year 2005. Further information regarding the location of the manufacturing code can be seen pictured in the attachment.

>>> NOTE <<<

This fault does NOT occur when charging directly via the battery terminals.

Cause

The waking impulse for this charger is not long enough to "wake up" the general module.

Measure

Check the charger's date of manufacture (refer to the information in the attachment). From date of manufacture A-3405, no malfunctions occur on the charger.

On chargers manufactured up to the date of manufacture A-3305, note the following:

Check that there are no further electrical loads (electric accessories) connected to the on-board socket(s).

Furthermore, you must check whether any electric accessories are connected on the wiring harness side, between the general module and on-board socket(s).

NOTE:

An electrical accessory connected to the on-board socket disrupts the charging function of all BMW Motorrad chargers.

NOTE for using the "first generation" of "grey" chargers.

The following part numbers are listed in the Rider's Manual for the K1600 GT/GTL:

- 71 60 7 688 864 (220v)

- 71 60 7 688 865 (110v)

In the event of a complaint, please inform your customer how to use these chargers correctly.

Function description for charging the battery via the on-board socket:

1. Switch on the ignition
2. Connect the charger to the on-board socket
3. Switch off the ignition
4. Leave the charger connected to the on-board socket for a maximum of 30 hours. Otherwise, the battery will become damaged as a result of water losses.
5. Repeat steps 1 to 4 every 4 weeks if the ignition is not switched on within this period of time.

If the ignition is switched on during this time or the engine is started, we recommend that you then connect the charger for max. 30 hours and completely charge the battery again. Then keep to the 4-week cycle again.

The software will be changed on the general module. The software change will appear in ISTA/P, not before the end of 2012.

Cause

Fault location	Fault type	Fault place
61/34 On-board charging socket		

Repair Task**Special Clearance**

No

Area**Fault code**

Electrics/Electronics

Progman / DIS / ISTA / ISTA/P**System****State****Version**

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