



ELEKTRONIC-DATA-KLEIBER GmbH

Am Sonnenhang 18, D-51789 Lindlar, Tel:02266 470077, Fax: 02266 470079, Internet: www.EdkNet.de

Installation of **ELEKTRONIC-DATA**-Regulator  
for BMW R27, R50 (with 4 brush dynamo)

---

Congratulation to your decision to buy an ELEKTRONIC-DATA-Regulator

**Before you install:**

- read this instruction completely
- before you start, try to understand all steps

**INSTALLATION:**

- Disconnect battery.
- To change the regulator you have to remove the gas tank.
- Remove old regulator and mount the new regulator at the same place.
- The DF connector must be connected with DF of the generator.
- The BROWN cable must be connected with ground (with one of the screws which is used to fix the regulator itself).
- The B/51 connector must be connected with „PLUS“ of the battery, these are the red cables.
- The D+/61 connector must be connected with D+ of the dynamo and with the loading control lamp, these are the blue cables.
- Put the gas tank on your motorcycle and check that he will not touch any electrical connector of the new regulator!!
- Connect battery again

**IMPORTANT:** now connect battery plus with the generator plus brush for a few seconds

**ATTENTION:** connect battery always correctly, don't run generator without battery  
(all this can damage the regulator)

**TECHNICAL DATA:** voltage 6V (Type 02700A/6), 12V (Type 02700A/1)  
max. current 15 A  
protected for max. 100 V induction voltages

**CONNECTORS:**

DF	= field
BROWN	= ground
B/51	= + battery
D+/61	= + generator

The regulator is adjusted for the optimum charging voltage and requires no further adjustment. The regulator can be set only with relevant equipment by a professional workshop. There is no warranty given for any damages caused by an incorrect setting.

**WE WISH, YOU WILL HAVE ALWAYS A GOOD AND SAFE RIDE WITH  
ELEKTRONIC-DATA-KLEIBER**