

Working instruction No.1 for TM843/31 and TN866/1

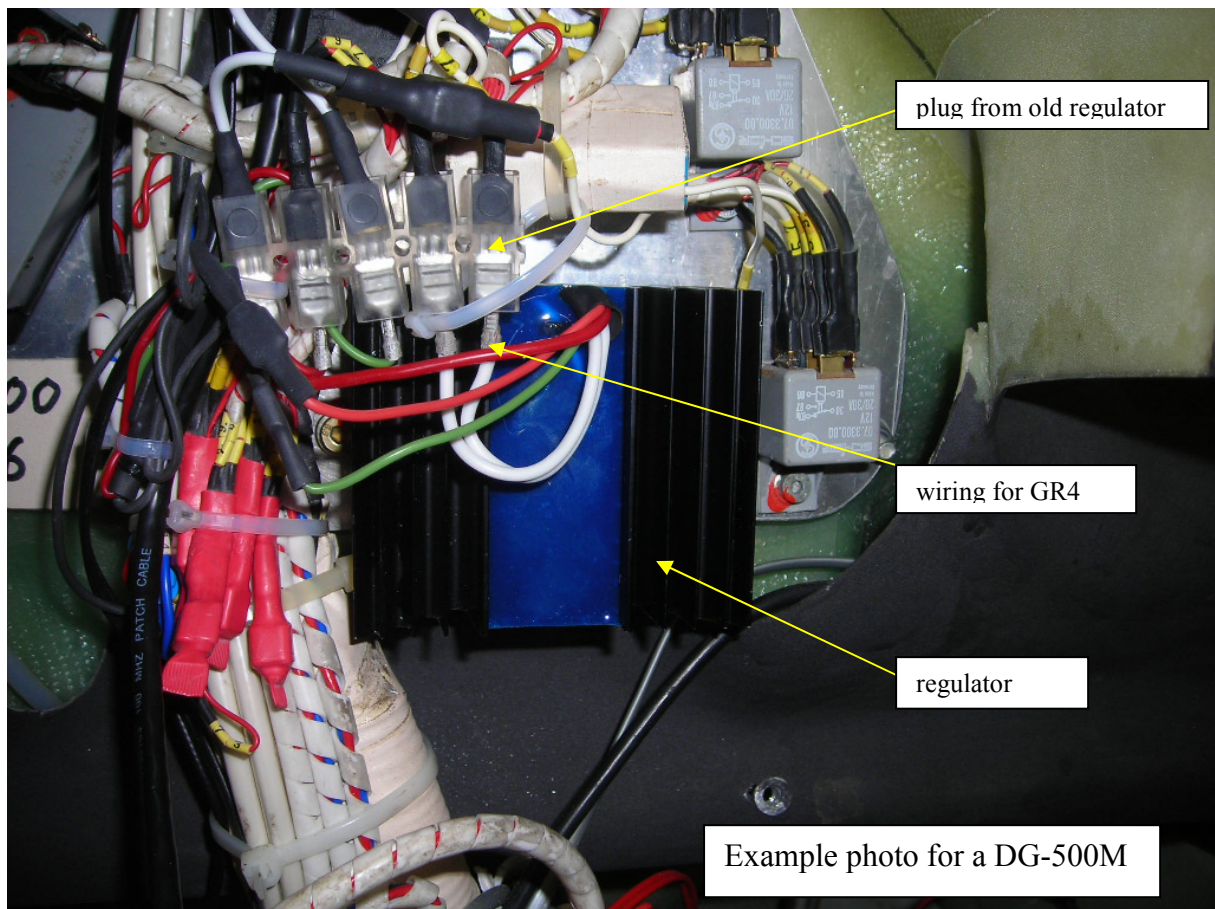
Exchange of the existing Ducati 434.36.6200 regulator against a new regulator GR4 (with filter) for DG-500M and DG-600M

Warning: The regulator Ducati 434.36.6200 (Rotax No. 264870) is no more available. This regulator has been installed in DG-500M and DG-600M motorgliders.

If you order with Rotax or their service stations a regulator under the No. mentioned above they will supply a regulator No. 34.36.20.

This regulator can't be used in DG-500M and DG-600M as it is not compatible with their electrical system.

1. DG-500M: Open the instrument console in the rear cockpit.
DG-600M: Remove the access panel (at the right hand side of the control stick).
2. Pull of the faston connector from the Ducati regulator.
3. Remove the regulator, you will need bolts and nuts for the new installation.
4. Install the new regulator GR4 with 2 bolts M5x10 DIN7991-8.8 zn to the adapter plate 5E45, secure with Loctite 243.
5. Install the adapter plate with the new regulator in the glider using the existing bolts and nuts. Doing this, fasten the earth wire of the regulator filter to one of the bolts, secure with Loctite 243.
DG-600M: The wires 011 and 012 are already fastened at one of the mounting bolts, fasten the earth wire of the regulator filter together with these wires.
6. Plug in the wires of the regulator and the regulator filter according to drawing 5E44.
7. Close instrument console resp. reinstall access cover.



Material: drawing 5E44, regulator GR4 with wiring and filter, adapter plate 5E45, 2 bolts M5x10 DIN7991-8.8 zn, Loctite 243