
TECHNICAL BULLETIN N° 05 - 2010**23 JUNE 2010**

Subject: Voltage regulator:**Topic: Voltage regulator 00H01004841, no longer available as spare part**

Model (*)	Chassis number
Derbi Senda X-Trem 50 / DRD 2001-2003 (R/SM)	VTHSDR1...
Derbi Senda R Black Devil 50	VTHSDR1...
Derbi Senda Racer 50 2003 (R/SM)	VTHSEND...
Derbi GPR 2001-2003	VTHGPRR...

(*) For more details, we recommend consulting the *online spare parts catalogue*.

Dear Customer,

Please note that, due to factors outside the control of our company, the voltage regulator described herewith will no longer be available as a spare part.

As a substitute, we have developed an adaptor for the voltage regulator with p/n 864660, to enable its installation in vehicles originally equipped with the voltage regulator described above.

The following information is given in this bulletin:

- Installation instructions
- Adaptor layout

Please do not hesitate to contact us for any queries.

Technical service

Piaggio & C. S.p.A.

“Brand Derbi”

INSTALLATION INSTRUCTIONS

(the model shown in the photograph is the Derbi Senda with tubular frame)

Identifying the regulator on each model



DERBI SENDA 50 TUBULAR
FRAME
On the cross tube, under the fuel tank

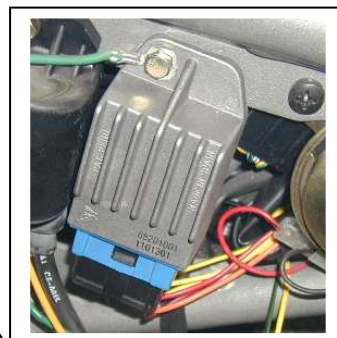


DERBI SENDA 50 WITH DUAL
BEAM FRAME
Behind the left hand rear plastic cap



DERBI GPR 50 2001-2003
On the inner headlight fairing
mounting

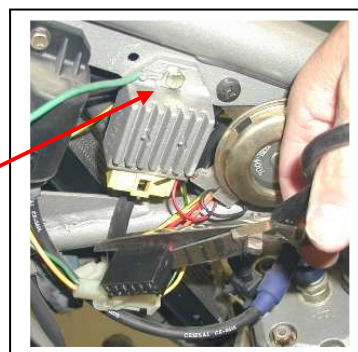
1. → Disconnect the battery
→ Remove the plastic cap
→ Disconnect the electrical system connector from the regulator
→ Remove regulator 00H01004841 (light blue connector)



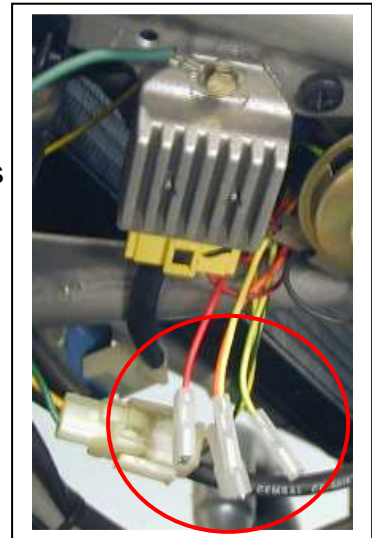
2. → Fit the new regulator 864660 (yellow connector).

IMPORTANT: do not forget to
connect the earth cable (green)
to the fastener screw

→ Cut the installation connector



3. → Fit the female terminals and the 6.3 type terminal covers on each wire on each wire



4. → Connect the female terminals to the male terminals of the regulator connector in the order given in the layout. Fit the female terminals on the yellow wire and connect to the regulator connector, leaving the other end of the wire free. (*)

(*) The length of the yellow wire must be as follows for each model:
Senda tubular frame → 200mm
Senda dual beam frame → 1,000mm
Derbi GPR 50 → 500mm



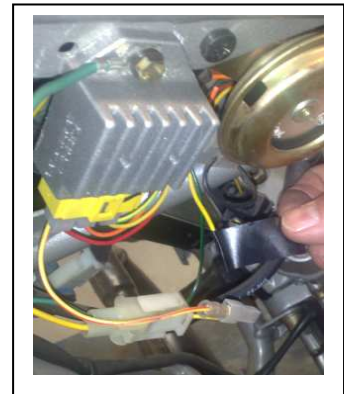
5. → Cut the yellow electrical system wire.



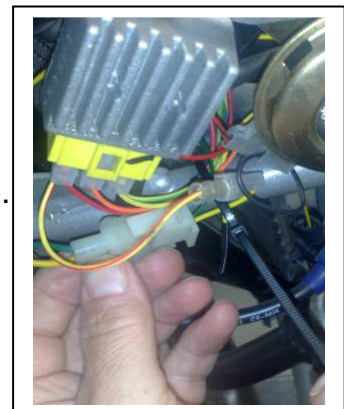
6 → Fit the male terminal and 6.3 type terminal cover on the yellow wire of the regulator and connect to the female terminal on the yellow wire leading from the flywheel magneto.



7. → **IMPORTANT:** protect the other end of the yellow electrical system wire previously cut with insulating tape.



8. → Fasten the connections to the frame with a Unex type flange.
→ Refit the plastic cap.
→ Connect the battery.



ADAPTER LAYOUT

