

mainair sports

SERVICE BULLETIN NO.40

SUBJECT:GENERATOR OUTPUT ALLOWANCES

21st August 1992

..] Subject:Generator output allowances.

Applicability:Engines with the following or higher numbers.

ENGINE TYPE	SERIAL NUMBER
Rotax 377	3632491
Rotax 447	3648567
Rotax 462	3585458
Rotax 503 [Points ignition only]	3642095

The shorting link across the 30W coil was originally fitted to boost the ignition generator coil output.

We have now been advised by Cyclone Hovercraft Ltd.that since the pole shoe breakaway gap was increased ,the shorting link is no longer required.

Aircraft with the above or higher serial numbers should have the shorting link across the 30W coil removed as follows:

Refer to the wiring diagram in the Aircraft operating manual.The shorting link is shown on this diagram between pins 3 and 8 in the wiring box terminal block.

Remove the wiring box lid [4 screws].If a regulator /rectifier is fitted,leave this attached to the lid.Slacken the top terminal screws at positions 3 and 8.Remove the green wire link.Re-tighten the screws. Re-fit the wiring box lid.

Engines prior to these,which already have the 30V lighting coil short circuited, may be left as they are.

On Aircraft built after October 1991,a multi-plug is fitted to the wiring harness,mounted on the right-hand side of the engine frame.

If your Aircraft is fitted with this multi-plug,cut the green wire,and insulate and secure the wire ends.In this case there is no need to remove the junction box lid.