



Subject : Fixation of charging coil and lighting coil on armature plate ass'y.

Models affected : Motorised glider engine type 535, all engines of execution A, B and C.

Reason : Caused by creep-behavior of contact surfaces, the screw connection might become loose and thus enables the coils to bend outwards, touching the magnetoring.

Priority, tasks : 1) Check the coil fixation after receipt of this information and then following at intervals of 25 hours running time.

2) If any connections or parts are noticed to be loose, you must not start engine anymore until remedies are carried out.

3) Completion in Manual page 9, item 8,2:
Check fixation of charging coil and ignition coil according to TECHNICAL BULLETIN No. 535-04.

Weight and center of gravity : Not affected.

Remarks : Request parts as required from Rotax or competent dealer.

This kind of engine service has to be carried out by a licensed and qualified person and confirmed in the aircraft logbook.

Gunskirchen, 1989 02 20

Approved by
Bundesamt für Zivilluftfahrt

21. März 1989

Instruction for disassembly and reassembly of magneto flywheel and
overhaul instruction of coil fixation

1) Disassembly:

- 1.1. Remove cover washer (if existing) by unscrewing three bolts
socket spanner, size 13 A/F. Reassembly not forseen.
- 1.2. Fasten flywheel fixture (876 080) with three hex. hd. screws
M8 x 16.
- 1.3. Remove crankshaft hex. nut M22 x 1,5 with socket spanner,
size 30 A/F.
- 1.4. Place protection cap or mushroom-like protector (876.557) to
crankshaft end, fasten puller to flywheel fixture and pull
off magneto housing. Use suitable spanner, size 22 A/F.

Advice: If need be, break bond of housing to crankshaft taper
by carefully heating up to 120°C.

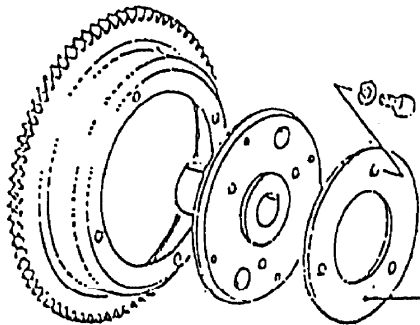
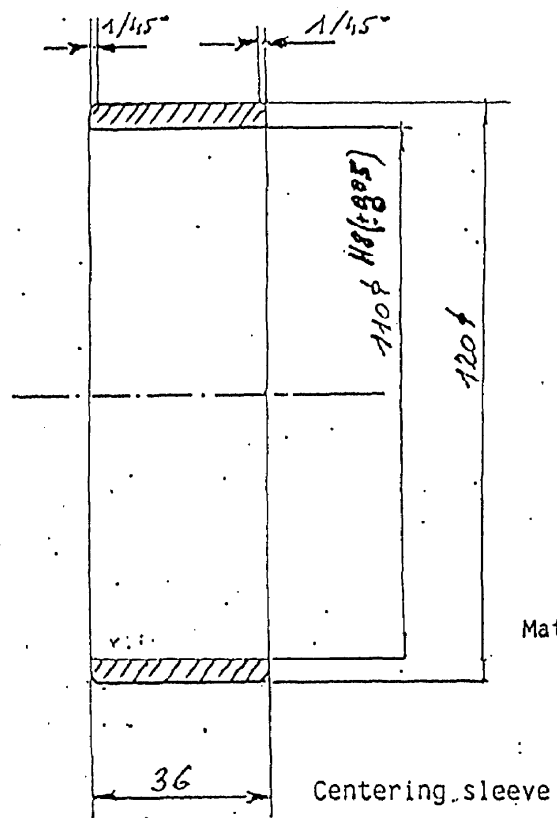
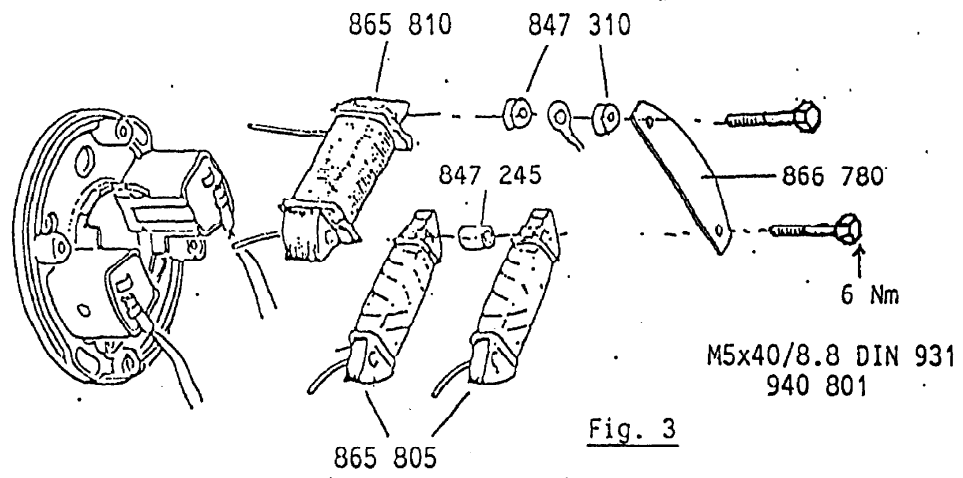


Fig. 1

Cover washer



Mat.: mild steel