

W.MOTOR SERVICE j.s.c.

Airport Bubovice

267 18 Karlštejn

INFORMATION BULLTEIN

No.: M4-III/43b

CONCERNS TO : replacement of Scintilla magneto by magnets PAL type. sign LUN 2225 on engines M4- III .

REASON : SCINTILLA company will not produce in the future magneto used in the M4-III engines.

Measure: Faulty Scintilla magnetos replace by magneto PAL, individually or both

1. When replacing Scintilla magneto with tear clutch. AVK4 for magneto PAL, it is necessary engage into the ignition circuit trigger buzzer LUN 2231 and replace the starter / see bulletin 126/24 /
2. When replacing only Scintilla magneto without tear clutch no. NVK4 -Z2 for magneto PAL, the trigger buzzer boot does not fit.

Warning:

a / Due a reason , that the conical bore of drive wheel of magneto is delivered in set,, product is supplied under the name magneto PAL LUN 2225 with conical gear

b/ When a magnetos PAL are using, is necessary to adjust the cable end inserted into the magneto as shown in Fig. 1

Perform: User / see "Steps of Work" on page 2 /

Cost: Paid by user

Material: Required material will be supplied on request.

1. For exchange magneto NVK4 -Z2

1pc complete magneto PAL LUN 2225

4 pcs102 1151

4 pcs.....102 1081 delivered by PAL Kromeriz

4 pcs of..... Sc 7433

4 pcs of..... Sc 7432

2. For exchange magneto AVK4-Z1 with tear clutch

1pc complete magneto PAL LUN 2225

1ks trigger buzzerLUN 2231

4pcs.....102 1151

4pcs102 1081 delivered by PAL Kromeriz

4pcs.....Sc 7433

4pcs.....Sc 7432

3. Fastening screws, wires and push-button switch according to the bulletin Z126 / 24 will be delivered on the order by AIRCRAFT Zlin.

4. To make a replacement of both magnetos have to order material according to point 1/ and 2 /.

WORKING PROCEDURE:

a / Disassembling of Magnetos as is described in the operator manual for the motor M4-III in the chapter "Dismantling of the engine group and individual parts."

b/ Adjusting the cable ends according the fig.1 Before adjusting, the cable shield should be reduced by 15 mm. After insertion of the all required detail to make soldering wires to the washer502-0904.27.

Note: Details sn. 402-0760.36, 502-4200.74, 502-7211.82, 502-0904.27 are supplied with magnetos PAL.

c/Assembling to carry out under M4-III engine Instruction manual Part ;
"Assembling the engine" Attention on the basic settings of the engine and the prescribed gear clearance for the magnetos.
assembly

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Dated at Bubovice , 15.08.2014

To notify : CAA of Czech republic

Ing. Karel ŠÍMA

Wires Termination to the magnetos

SCINTILLA

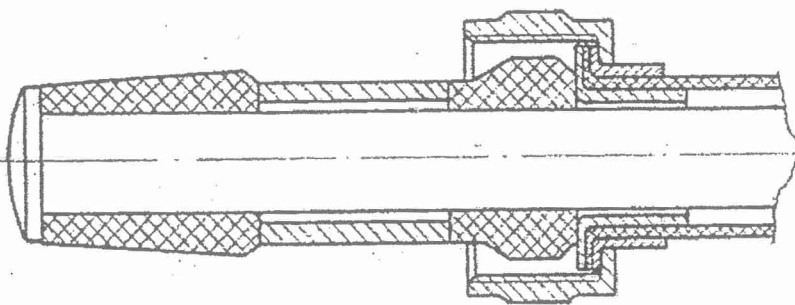


Figure no. 1

PALAX

