

SUBJECT : Ducati Electronic Ignition Boxes

EFFECTIVITY : DG-400 from ser.no. 4-286 to ser.no. 4-290
DG-500 M from ser.no. 5E59 M 24 to 5E90 M 38
and 5E93 M 40

additionally DG-400 and DG-500M modified to
Ducati ignition boxes according to TN 826/27
respectively TN 843/4.

ACCOMPLISHMENT : The instructions should be carried out be-
fore the next flight.

REASON : At one motorglider a break in the cable was
detected after a running time of approx. 40
hours.

INSTRUCTIONS : 1. Create a flexible connection at the cable
exit by embedding the cable in silicone
rubber. Refer to Working Instructions for
Service Information No. 0-6/93.
2. Fill in the return notice and send it to
Glaser-Dirks.

MATERIAL : See Working Instructions.

Bruchsal 4, Sept. 23., 1993

Author:

Dipl. Ing. W. Dirks

Wilhelm Dirks

Type certification inspector:

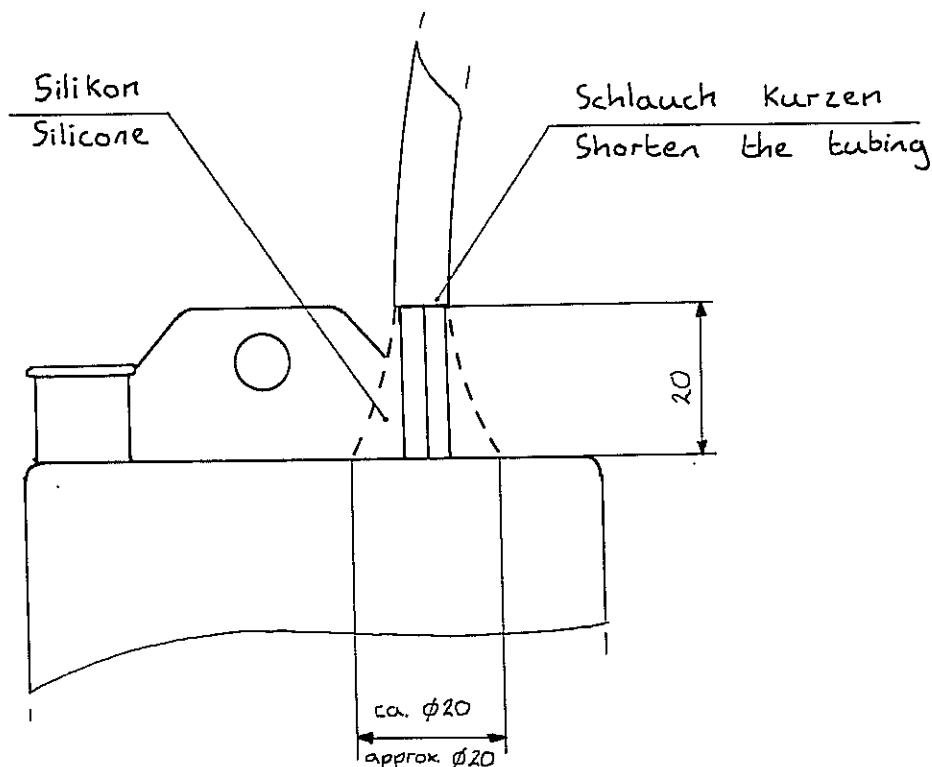
Dipl.-Ing. A. Lange

A. Lange

Working Instruction for Service Information 0-6/93

1. Remove the electronic ignition boxes so that you can hold the box, that the thin cables come out at the top of the box. Take note of the correct position of the ty-raps which you have to cut.
2. Shorten the black tubing that surrounds the wires on both boxes (see sketch).
3. Examine the cables for damage including breaks in the cables. If a break in the cable is noticed, a new ignition box is necessary.
4. Remove traces of dirt and grease from the ignition boxes and cables with acetone.
5. Cover the cable in a case of suitable silicone rubber which is not too liquid. If necessary repeat the process.
A suitable silicone rubber is commercial silicone rubber such as that used for sanitary sealing.
6. After the silicone rubber has hardened assemble the ignition boxes, using new ty-raps.
Refer also to drawings 4M77 and 4M78 for the DG-400 and 5M74 for the DG-500M.
Caution: The ty-raps (4.8 x 186) marked with "a" in drawing 4M78 secure the 4 plug connectors of the electronic boxes. The ty-raps must be tightened by hand as tight as possible, so that pulling apart of the connectors is prevented. Then fix the wiring with the other ty-raps.
However, this wiring should only be opened with the exchange of ignition boxes.

Enclosed: Drawings 4M77 and 4M78 DG - 400
 " 5M74 DG - 500 M



Bruchsal 4, Sept. 23., 1993

Wilhelm Dirks

A. Lange

Author: Dipl.-Ing. W. Dirks

Type certification

Firma
Glaser-Dirks Flugzeugbau GmbH
Postfach 4120

D-76625 Bruchsal 4
Germany

Return Notice for Service Information No. 0-6/93

Type of aircraft:..... Ser.No.:.....

Engine running time: Total :.....

Since Ducati Box installation :.....

Owner: :.....

Address :.....

.....

.....

Please cross the appropriate statement:

There was no break in the cable.

The cable was broken.
Please send a new box for the special price of
DM 438,00 + VAT + shipping cost.

The measures in the Service Information No. 0-6/93 have
been carried out.

Date:

Name: Signature:.....

Sicht: Flugrichtung

Zündbox innen → vorn
(motorseitig)

Zündbox außen → hinten

4,8x186
Band um linke
untere Schraube
des Zünd-
boxträgers

zum Motor/
Zündanlage

Kabel	Aussehen	Farbe(n)
1		weiß, rot
2		schwarz
3		weiß, rot
4		rot
5		braun
6		rot
7		braun
8		schwarz
9		weiß

(Ty-Rap) 4,8x186
Band unterhalb der mo-
torseitigen (inneren) Zündbox

a: Ty-Rap 4,8x186

Ausg.	Änderung	AM	Tag	Name

	Tag	Name
Gez.	25.7.92	W. Kynast
Gepr.		
Norm.		
Maßstab		
Maße ohne Toleranzang. nach:		

Zündung Ducati
Kabelverlegung

Glaser-Dirks
Flugzeugbau GmbH
7520 Bruchsal 4
Im Schollgarten 19-20

DG
4 M 78

