DG Flugzeugbau GmbH
76646 Bruchsal

Technical Note
No. 873/22

Subject : muffler lifting cable and rubber return cord

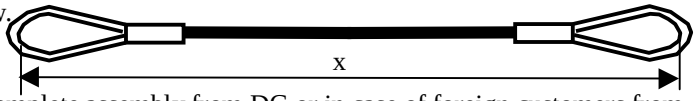
Effectivity : DG-800B with Solo engine

Accomplishment : none, when exchanging the existing parts
standard from ser.no. 8-219 on

Reason : Operational experience has shown that the spring in the muffler lifting cable may have a limited life time.

Instructions : Applicable drawings 8M268 and installation plan 8EP235

1. Execution in a certified repair station which is in possession of the correct Nicopress sleeves and the proper Nicopress tool:
   a) Remove the old cable and spring.
   b) Bend open the thimble (3mm DIN6899A) and slip it into the end of the spring S37, bend back. Insert a cable 3.2mm LN9374 into the groove of the thimble and clamp this end of the cable with a 28-3-M Nicopress sleeve.
   c) clamp the other end of the cable the same way to the exact length of the old cable (length of cable incl. spring must be identical).
   d) Install a thimble HC2 and a steel cable 1.6LN9374 to the muffler lifting cable and clamp with Nicopress sleeve 28-1-C, clamp the other end accordingly (see installation plan 8EP235).
   e) Install spring and cable.
   f) Install the return rubber chord according to installation plan 8EP235.
2. When installing yourself
   a) Remove the old cable and spring.
   b) determine the exact length of the cable and enter the value into the form attached below.



   c) Order the complete assembly from DG or in case of foreign customers from the respective DG-representative.
   d) Install spring with cable and rubber return chord.
3. In both cases: Check correct coupling of muffler to manifold during extension according to Maintenance manual section 3.5.1 item 13.

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Material : drawing 8M268
installation plan 8EP235
muffler lifting cable with spring S37 and rubber return chord

Weight and balance : influence negligible

Remarks : Instruction No. 1 is to be executed by the manufacturer or by a licensed workshop. Instructions 2 and 3 may be executed by the owner himself. The instructions are to be inspected and entered in the aircraft logs by a licensed inspector with the next annual inspection at latest.

Bruchsal, date:
Dec. 19.2000

Author:
Dipl. Ing. Wilhelm Dirks

Type certification
inspector:
Dipl. Ing. Swen Lehner

LBA – approved:

The German original of this TN has been approved by the LBA under the date of *Feb. 7. 2001* and is signed by *Mr. Blume*. The translation into English has been done by best knowledge and judgement.