

- Subject : Extension-retraction unit, rear fork of spindle-drive
- Effectivity : DG-800 variants DG-800B (with spindle-drive Stross) and DG-808C
DG-500M variant DG-500MB
- Accomplishment : DG-800B and DG-500MB for repair
DG-808C up to ser. no. 8-402, ser. no. 8-404 up to 406 and 8-410 for repair
DG-808C ser. no. 8-403 and ser. no. 8-407 up to 409 and from ser. no. 8-411 on
during production
- Reason : To increase the fatigue life of the rear fork of the spindle drive a new fork was
designed which is milled from a steel block. This replaces the original welded fork
With DG-808C ser. no. 8-408 up to 8-410 and from ser. no. 8-412 on the fork will
be screwed directly into the push tube of the spindle drive.
- Instructions : 1. DG-800B and DG-500MB and DG-808C up to ser. no. 8-402, ser. no. 8-404 up
to 406 and 8-410:
The fork 8M233/1 (drawing issue h) may be installed instead of the welded fork
without further modifications, but use only 1 washer between nut and fork at the
M10 bolt, see drawing 8M227 issue i.
2. With DG-808C ser. no. 8-403 and ser. no. 8-407 up to 409 and from ser. no. 8-
411 on another fork 8M333 will be used. This fork will be screwed directly into
the push tube of the spindle drive according to drawing 8M327. The adapter
8M233/2 and the bolt M8x45 LN9037 are no longer necessary.
3. With ser. no. 8-403 and ser. no. 8-407 up to 409 and from ser. no. 8-411 on the
following maintenance manual pages will be exchanged:
0.1, 0.6, 8.1, diagram 10, issued April 2009
- Material : DG-800B and DG-500MB for repair:
DG-808C up to ser. no. 8-402, ser. no. 8-404 up to 406 and 8-410 for repair:
rear fork of spindle-drive 8M233/1 (drawing issue h)
drawing 8M222 issue i

DG-808C ser. no. 8-403 and ser. no. 8-407 up to 409 and from ser. no. 8-411 on
spindle drive assembled with fork 8M333 according to drawing 8M327
manual pages see instruction 3
- Weight and balance : influence negligible
- Remarks : Instructions No. 1 may be executed by the pilot/owner himself and are to be
inspected and entered in the aircraft logs by a licensed inspector at latest with the
next annual inspection.

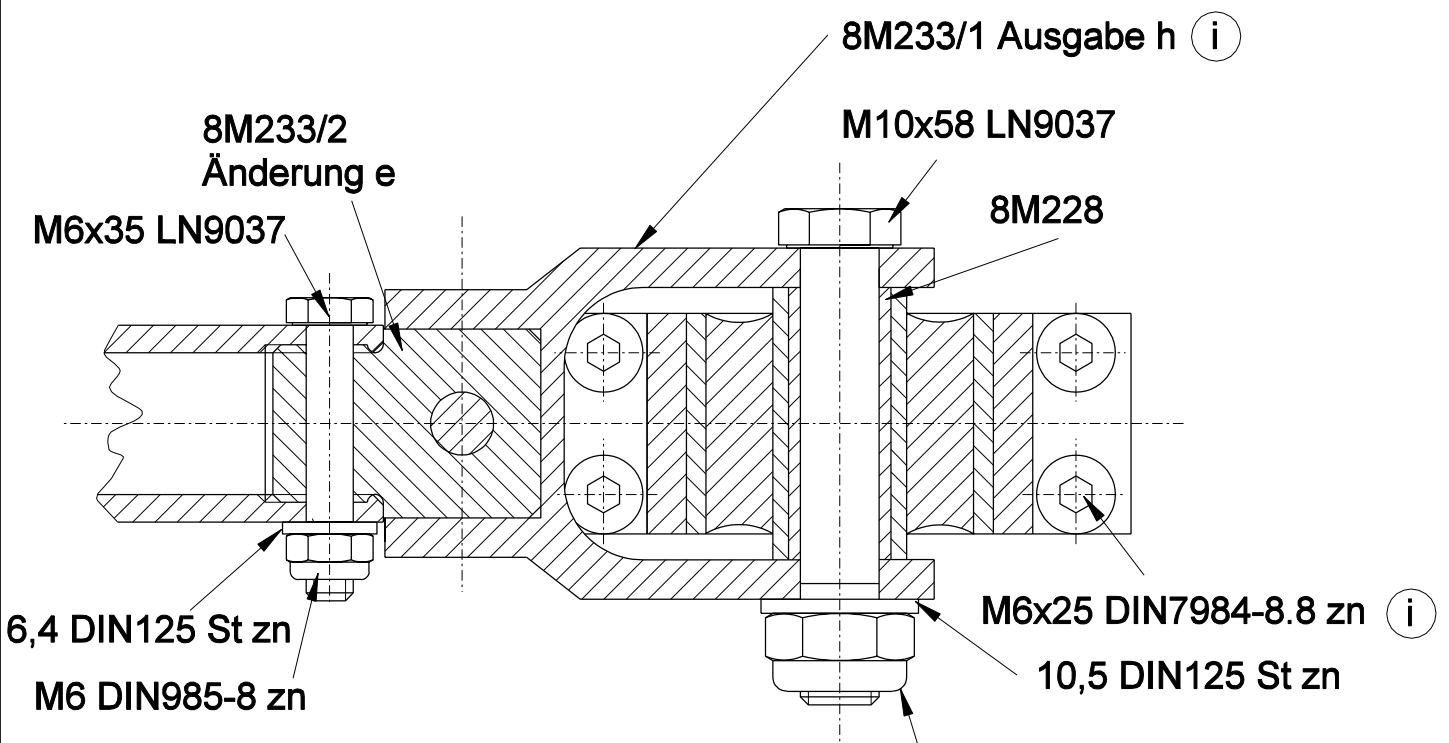
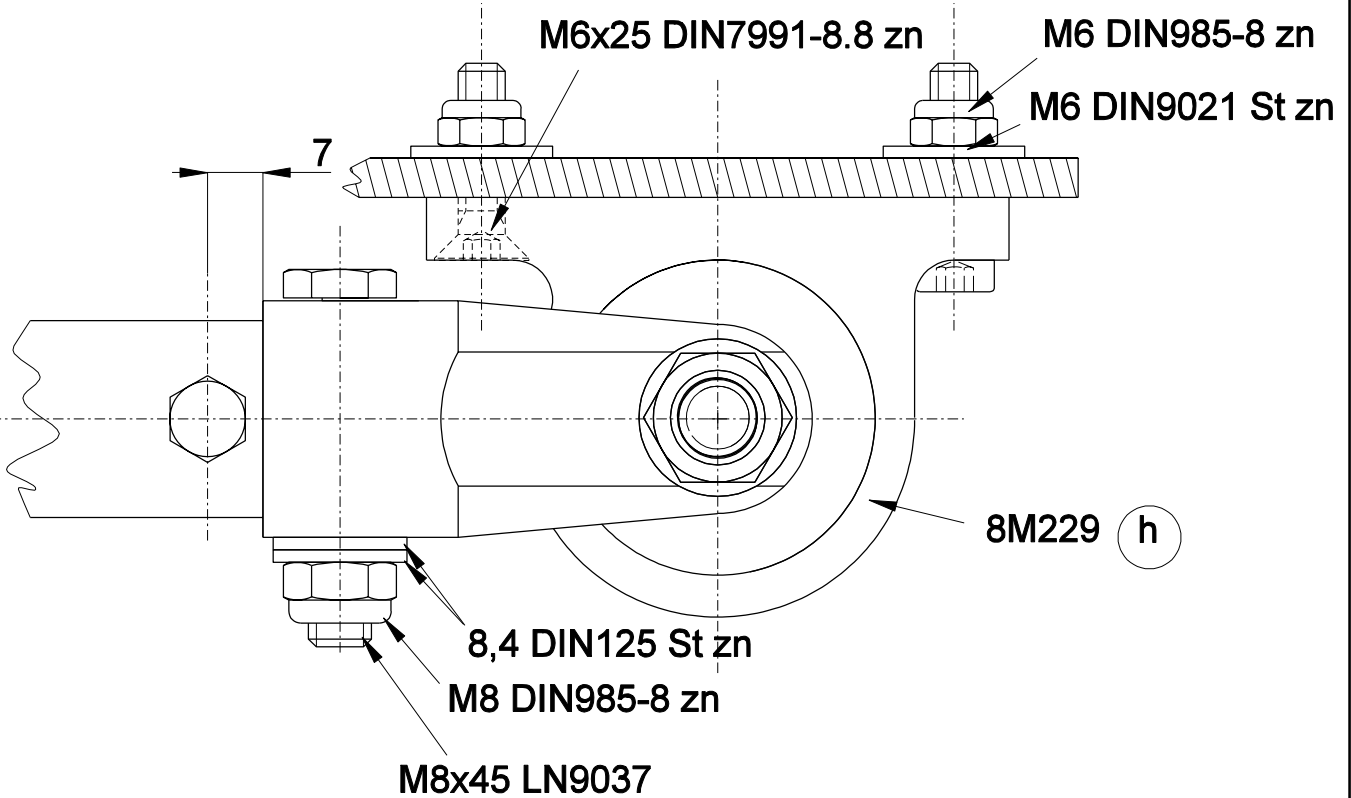
Bruchsal, date:
April 17.2009

Author: W. Dirks

Modifications approved by EASA Date
under Approval No. EASA.A.C. 12168

Wilhelm Dirks

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X= Wenn 8M233 Ausgabe h als Ersatzteil
 DG-800B und DG-808C bis W.Nr. 8-402,
 8-404 bis 406 und 8-410
 DG-500MB alle W.Nr.

Toleranzen nach Arbeitsanweisung BA 1				Tag	Name	DG Flugzeugbau GmbH 76646 Bruchsal Otto-Lilienthal-Weg 2
Schweißen nach Arbeitsanweisung SA 1				Gez.	21.9.04 T. Wulff	
				Gepr.		
				Norm.		
i	8M233 geändert	X	17.04.09 W. Dirks	Maßstab 1:1 :	Ausfahreinheit Stross Anschluss Triebwerksseite	 8M227
h	8M229 geändert	ab 8-347	05.10.05 M. Maul			
g	8M223/1 u. 8M229 geändert	ab 8-337	05.09.05 M. Maul			
f	8M233/2 Änderung f		23.12.04 Kersten			
e	M6 statt M4		23.09.04 W. Dirks			
d	Schraube statt Stift	ab 8-324	21.9.04 T. Wulff			
c	neu gezeichnet		21.9.04 T. Wulff			
Ausg.	Änderung	ÄM	Tag Name	Maße ohne Toleranzang. nach:		