

- 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 8M227 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.

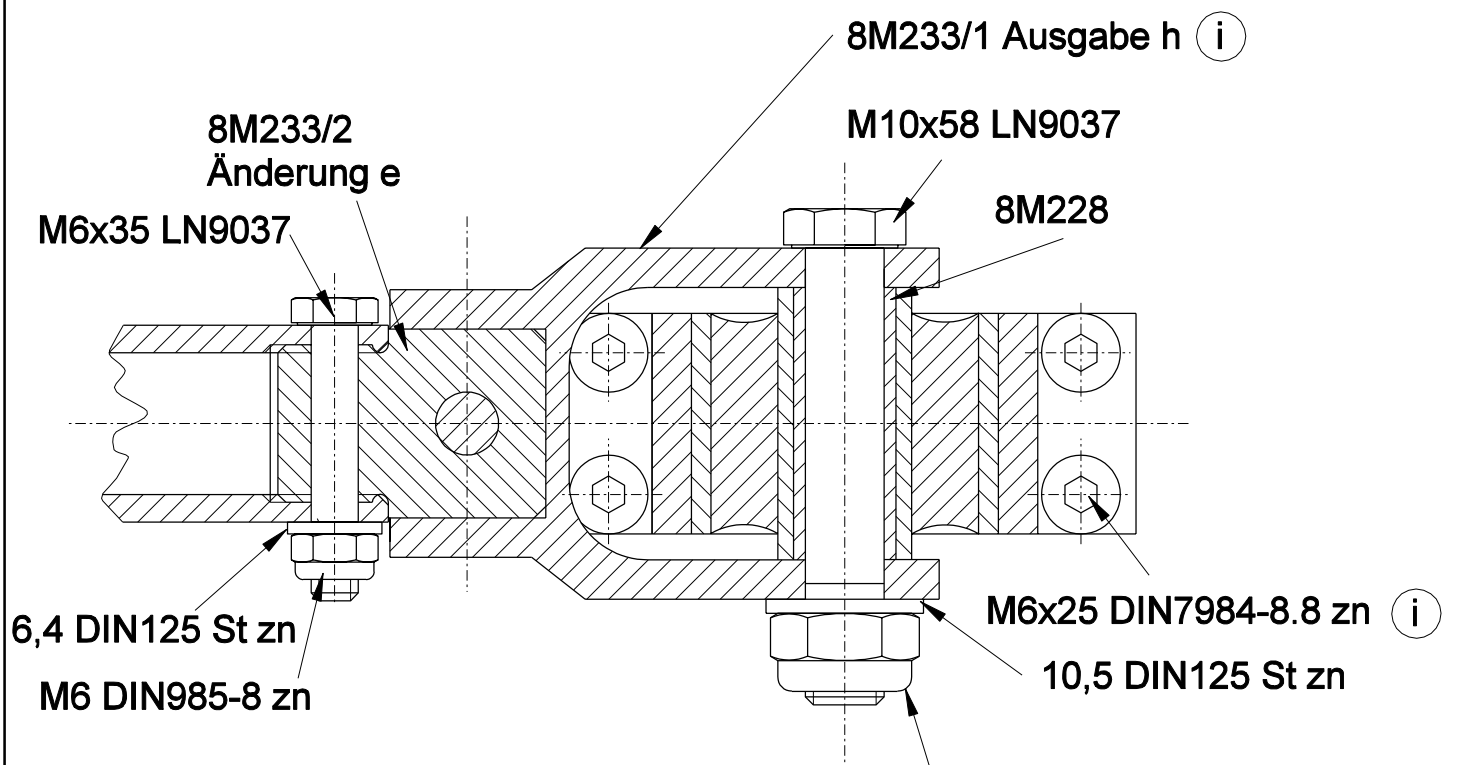
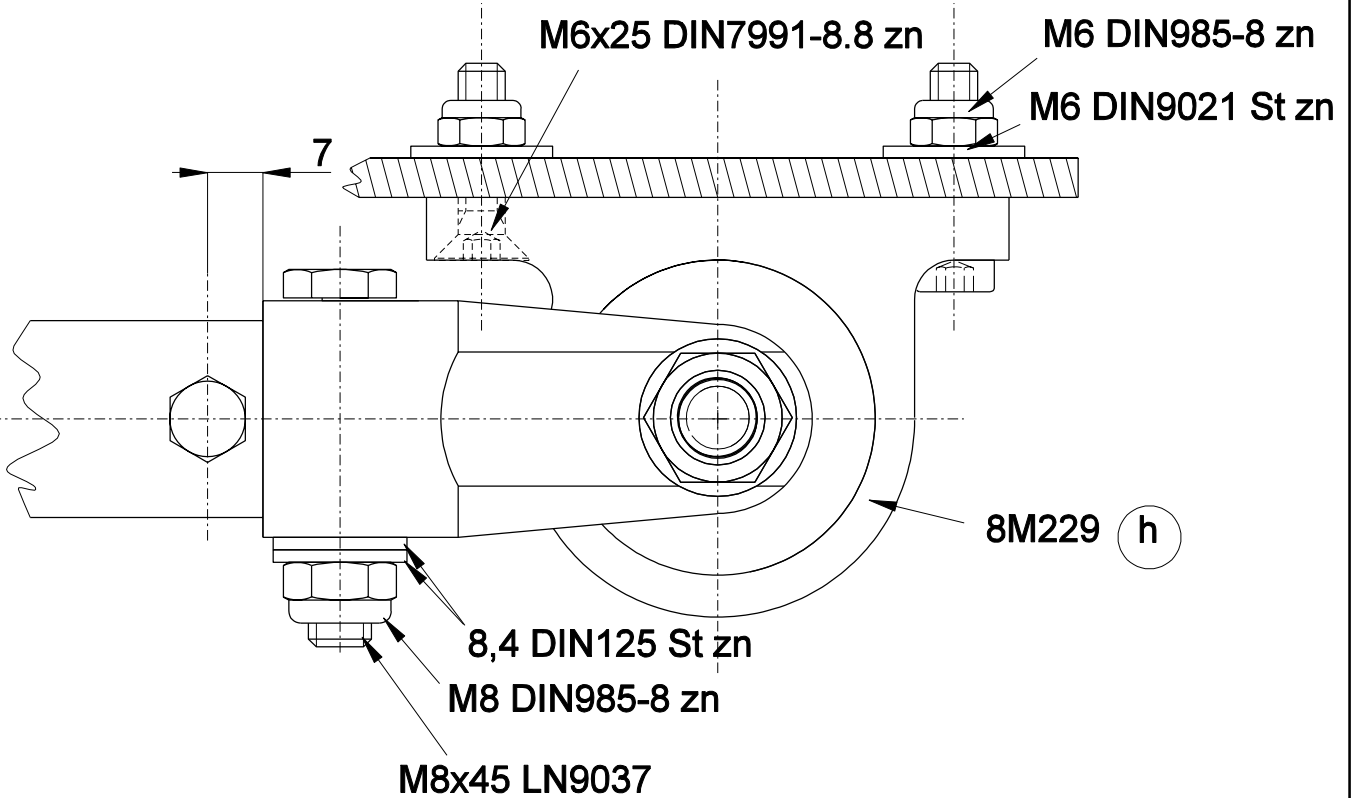
Bruchsal, date:  
April 17.2009

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	<b>DG</b> <b>Flugzeugbau GmbH</b> 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	<b>Maßstab</b> <b>1:1</b> :	<b>Ausfahreinheit Stross</b> <b>Anschluss</b> <b>Triebwerksseite</b>	 <b>8M227</b>
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:		