

# Maintenance Manual DG-500

## 0 General

### 0.1 Manual amendments

No.	Page	Description	Date
0.1	all	Combination of the initial Maintenance Manuals of the Variants DG-500/22 ELAN, DG-500 ELAN Trainer, DG-500/20 ELAN and DG-500 ELAN Orion, new standardized format	December 2009
0.2	0,8, 1.9, 1.14, 4.2, 5.1, 6.1, 6.2	Miscellaneous changes to the contents of the latest amendments of the initial maintenance manuals	December 2009
1	0.3, 0.4, 0.7, add diagram 7a	Wheel brake TN500/03	July 2011

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### 0.2 List of effective pages

Section	page	issued	replaced /	replaced /	replaced /
0	0.0	December 09			
	0.1	See manual amendments			
	0.2	See manual amendments			
	0.3	See manual amendments			
	0.4	See manual amendments			
	0.5	December 09			
	0.6	"			
	0.7	"	July 11		
	0.8	"			
1	1.1	December 09			
	1.2	"			
	1.3	"			
	1.4	"			
	1.5	"			
	1.6	"			
	1.7	"			
	1.8	"			
	1.9	"			
	1.10.	"			
	1.11.	"			
	1.12.	"			
	1.13.	"			
	1.14.	"			
	1.15.	"			
	1.16.	"			
	1.17.	"			
2	2.1	December 09			
	2.2	"			
	2.3	"			
	2.4	"			
	2.5	"			
3	3.1	December 09			
	3.2	"			
	3.3	"			
	3.4	"			
4	4.1	December 09			
	4.2	"			
	4.3	"			
	4.4	"			
	4.5	"			
	4.6	"			
	4.7	"			

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Section	page	issued	replaced /	replaced /	replaced /
5	5.1	December 09			
	5.2	"			
6	6.1	December 09			
	6.2	"			
	6.3	"			
	6.4	"			
7	7.1	December 09			

<b>Diagram</b>	issued	replaced	replaced	replaced
1	April 90			
2	April 90			
3 DG-500/22 and /20	April 90			
3a DG-500 Trainer and Orion	Januar 1999			
4 DG-500/22 and /20	April 90			
4a DG-500 Trainer and Orion	April 90			
5	April 90			
6 DG-500/22 and /20	April 90			
6a DG-500 Orion	Juli 1995			
7	Juni 1993			
7a	July 2011			
8	April 90			
9 DG-500/22 and /20	April 90			
9a DG-500 Trainer	März 1992			
9b DG-500 Orion	Juli 1995			
10 only DG-500 Trainer	April 90			
<b>Enclosure</b>	issued	replaced	replaced	replaced
Equipment list	December 09			
5EP30 Installation ELT	27.02.91			
5EP34 Installation Dräger oxygen system	25.01.90			
<b>Only DG-500/20, Trainer, Orion</b>				
Instruction for inspection DG-500 airbrakes	December 09			
Questionnaire for TN 348/4	October 1994			
Working instruction No. 1 for TN 348/4	October 1994			
Working instruction No. 2 for TN 348/4	October 1994			
5V18 Tool for airbrake adjustment	14.10.94			

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### Diagrams

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1	Elevator control circuit, trim
2	Ruder control circuit
3 DG-500/22 and /20	Aileron, wing flaps and spoiler control circuits, fuselage side
3a DG-500 Trainer and Orion	Aileron, wing flaps and spoiler control circuits, fuselage side
4 DG-500/22 and /20	Aileron, wing flaps and spoiler control circuits, wing side
4a DG-500 Trainer and Orion	Aileron, wing flaps and spoiler control circuits, wing side
5	Tow hooks
6 DG-500/22 and /20	Water ballast system
6a DG-500 Orion	Water ballast system
7	Issued: July 2011 TN500/03 Landing gear, hydraulic wheel brake (wheels ser. No. up to ser. No. 51841 except for 51833)
7a	Landing gear, hydraulic wheel brake (wheels from ser. No. 52002 on and 51833)
8	Pitot/static system
9 DG-500/22 and /20	Placards
9a DG-500 Trainer	Placards
9b DG-500 Orion	Placards
10 only DG-500 Trainer	landing gear non retractable

### Enclosure

Equipment list

5EP30 Installation ELT

5EP34 Installation Dräger oxygen system

### Only DG-500/20, Trainer, Orion

Instruction for inspection DG-500 airbrakes

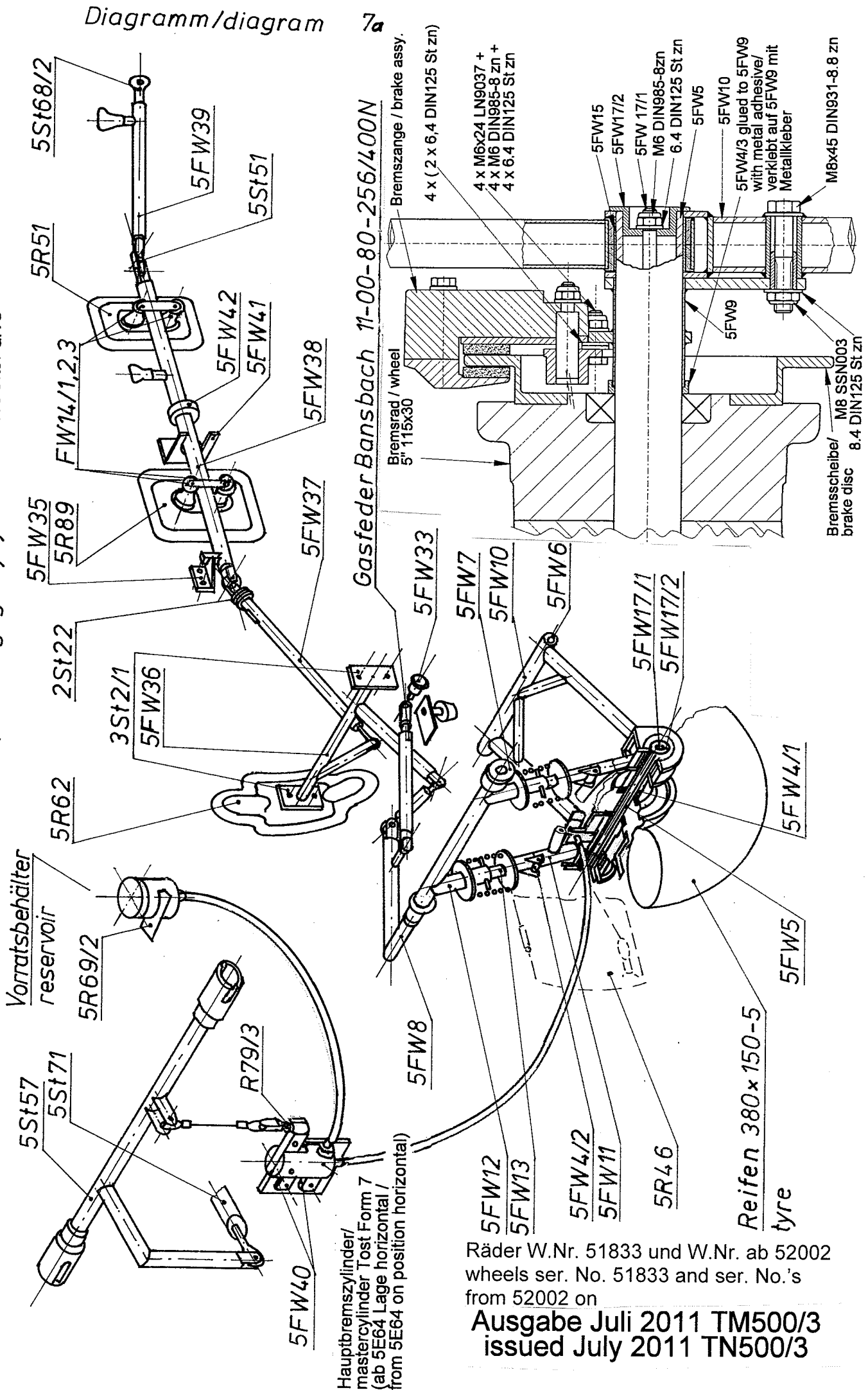
Questionnaire for TN 348/4

Working instruction No. 1 for TN 348/4

Working instruction No. 2 for TN 348/4

5V18 Tool for airbrake adjustment

Fahrwerk, hydraulische Radbremse / Landing gear, hydraulic wheelbrake



Räder W.Nr. 51833 und W.Nr. ab 52002  
 wheels ser. No. 51833 and ser. No.'s  
 from 52002 on

**Ausgabe Juli 2011 TM500/3**  
**issued July 2011 TN500/3**