0 General

0.1 Amendments

No.	Page	Description	Date
0.1	all	New standardized format of the initial Maintenance Manual of Variant DG-500M	December 2009
0.2	0.10, 1.15, 1.22, 1.27, 2.1, 3.9, 4.2, 4.15, 5.1, 6.2, 8.1-8.3	Miscellaneous changes to the contents of the latest amendment of the initial maintenance manual	December 2009
1	0.3, 0.6, 0.9, add diagram 7a	Wheel brake TN500/03	July 2011
2	0.3, 0.4, 0.6, 0.9, 1.10, 2.1, 2.3, 2.6, 2.8,, 2.9, 4.5, 4.6, file working instruction No. 1 for TN348/20 issue 3 at the end of the MM	Headrest securing ropes in the rear cockpit, manual amendments TN500/05	September 2011
3	0.1, 0.3, 0.4, 0.6, 0.10, 0.11, 3.4, 3.6, 3.9, Diagramm 14	Fuel hoses TN500/10	Oktober 2016
4	0.1, 0.6, 0.10, diagram 14	Oil return line, TN500/10 Rev. 1	May 2017
5	0.1, 0.3-0.5, 0.10, 0.11, 1.4, 1.7, 1.11, 1.15, 2.1, 2.3-2.6, 3.5, 3.6, 3.9, 4.19, 8.1, 8.3	manual revision, TN500/11	July 2017
6	0.1, 0.4, 2.1, 2.1a	TN500/13 Canopy lock, rear locking rods, manual revision	July 2019
7	0.1, 0.3, 1.2, 1.3	TN500/17 adjustment of elevator free play	December 2023
8	Cover Page, 0.1	TN DG-G-17, update of cover page	August 25
9	0.1, 0.5, 0.6, 8.2, Diagramm 14	TN 500/18 Check and replacement of the fuel hose fixed to the primer valve.	September 26

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List of effective pages (cont.)

Section	page	issued	replaced /	replaced /	replaced /
	4.18	December 09			
	4.19	"	July 2017		
	4.20	"			
	4.21	"			
	4.22	"			
	4.23	"			
	4.24	"			
	4.25	"			
	4.26	"			
	4.27	"			
	4.28	"			
	4.29	"			
	4.30	"			
	4.31	"			
	4.32				
	4.33				
	4.34				
5	5.1	December 09			
	5.2	"			
6	6.1	December 09			
	6.2	"			
	6.3	"			
7	7.1	December 09			
8	8.1	December 09	July 2017		
	8.2	"	Sept. 2026		
	8.3	"	July 2017		

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List of effective pages (cont.)

Diagram	issued	replaced	replaced	replaced	replaced
1	April 90				
2	April 90				
3	April 90				
4	April 90				
5	April 90				
6	April 90				
7	April 90				
7a	July11				
8	April 90				
9	April 90				
10	April 90				
11	March 97				
12	April 90				
13	Febr. 96				
14	April 90	May 2008	October 2016	May 2017	September 2026

Enclosures		issued	replaced	replaced	replaced
(9.1)	Equipment list	Dec. 09			
(9.2)	Checklists for the 25 hour service work	Dec. 09			
5EP30	Installation ELT	27.02.91			
5EP31	Installation Dräger oxygen system	5.02.90			
5E1	Wiring scheme	09.04.90			
5E2	Wiring plan	08.03.90			
Service Info 0-2/92		Mar. 92			
Working instruction No. 1 for TN348/20 issue 3		22.10.08			

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60507561	Electric fuel pump Facet 40106
60500246	Diaphragm vacuum pump Mikuni DF 52-48, 994 485
40470430	Primervalve 5M43
60000527	Fuel cock KH 1067-T
60507801	Float gauge front (for fuel tank) VDO 224087007035
60507800	Float gauge rear (for fuel tank) VDO 224082005088
60507550	Drainer CAV 110 (1/8" NPT)

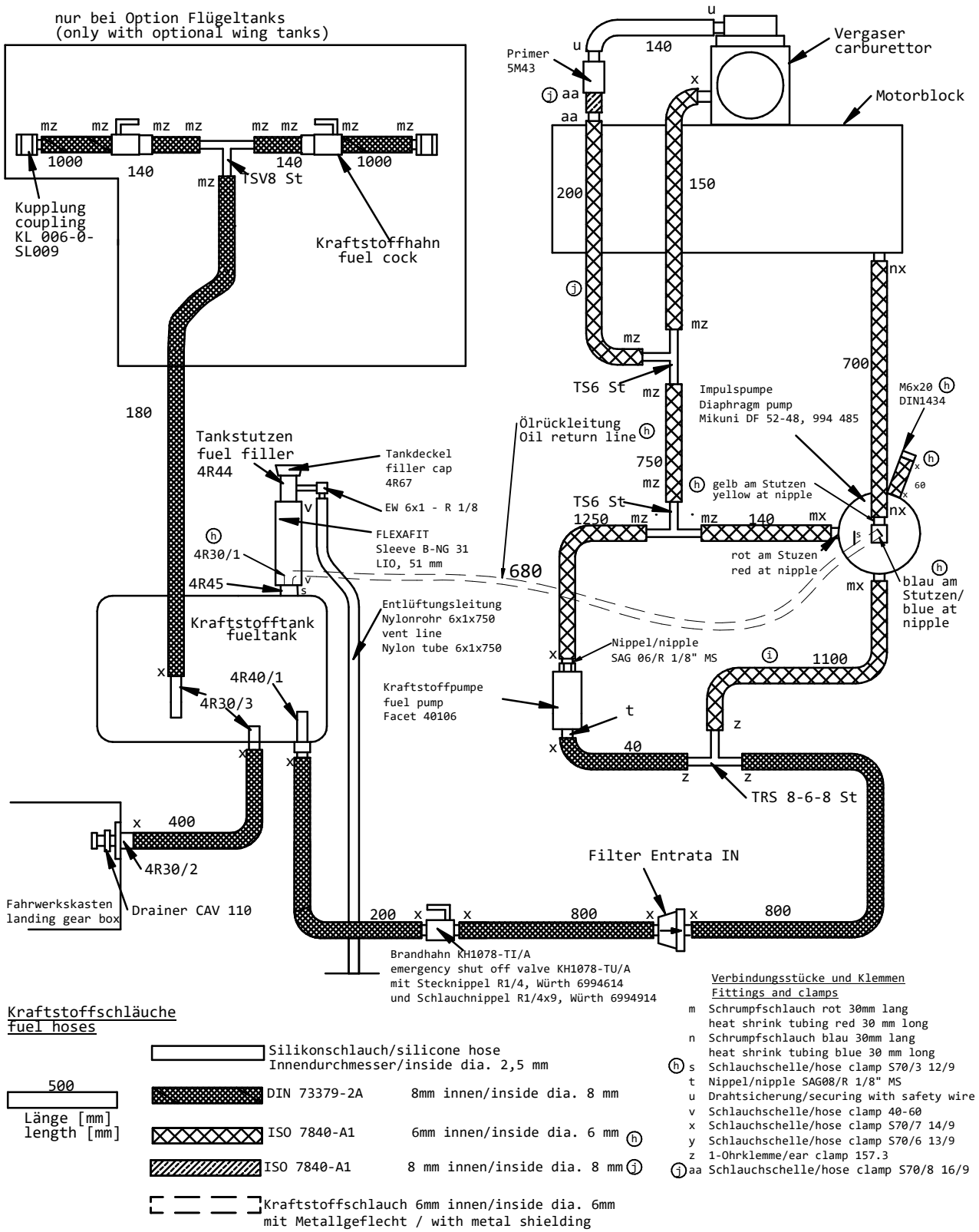
Warning: Replace sealing ring of the drainer by partno.60504402 prior to installation!

60504402	Sealing ring for drainer CAV 110 (for automotive fuel)
60510562	Probe for cooling water temperature KTY 18/6
39001005	Service kit fuel lines
39001015	Service kit coolant lines

8.2 Parts for the electrical system

60510888	Battery 12 V / 26 AH
60510830	Regulator Ducati 434.36.6200 oder GR4 with filter see TN 843/31
40475122	Extension-retraction relays 0.7.330.00 with diode 4E12/2
40475121	Starter relays 033200 2160 with diode 4E12/1
40575200	Control system 5E20 for automatic extension-retraction
40575250	Anti interference filter 5 E 25 for extension-retraction mechanism
60510463	Limit-switch engine extended 164-56401
60510462	Limit-switch engine retracted 164-594
60510476	Manual extension-retraction switch APR 20 - 647 N
60510475	Switch to switch over from manual to automatic extension-retraction APR 20 - 646 H

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Kraftstoffschläuche
fuel hoses

500
Länge [mm]
length [mm]

- Silikonschlauch/silicone hose, Innendurchmesser/inside dia. 2,5 mm
- DIN 73379-2A — 8mm innen/inside dia. 8 mm
- ISO 7840-A1 — 6mm innen/inside dia. 6 mm (h)
- ISO 7840-A1 — 8 mm innen/inside dia. 8 mm (j)
- Kraftstoffschlauch 6mm innen/inside dia. 6mm, mit Metallgeflecht / with metal shielding

Verbindungsstücke und Klemmen
Fittings and clamps

- m Schrumpfschlauch rot 30mm lang, heat shrink tubing red 30 mm long
- n Schrumpfschlauch blau 30mm lang, heat shrink tubing blue 30 mm long
- (h) s Schlauchschelle/hose clamp S70/3 12/9
- t Nippel/nipple SAG08/R 1/8" MS
- u Drahtsicherung/securing with safety wire
- v Schlauchschelle/hose clamp 40-60
- x Schlauchschelle/hose clamp S70/7 14/9
- y Schlauchschelle/hose clamp S70/6 13/9
- z 1-Ohrklemme/ear clamp 157.3
- (j) aa Schlauchschelle/hose clamp S70/8 16/9