

# DG-400

## *Parts for the powerplant*

### **a) necessary for the 25 hours inspection**

Spark plugs: electrode gap 0.4-0.6 mm

#### **With Bosch electronic boxes:**

60510811 3 items NGK B 8 ES

60510810 1 item (front plug) Bosch W 3 CC, without cap

#### **With Ducati electronic boxes:**

60510809 NGK BR 8 ES.

The spark plugs should not have a cap which can be screwed off! Such fixed cap spark plugs are a special version which can only be supplied by Rotax or DG Flugzeugbau.

60507570 fuel filter, filter mesh size 200µ

### **b) Spare parts**

#### **With Bosch electronic boxes:**

60510821 3 items spark plug connectors elbow 0356 351 032

60510820 1 item (front plug) spark plug connector long elbow

#### **With Ducati electronic boxes:**

60502312 spark plug connector NGK TB 05 EMA

60500115 Return spring for muffler Rotax 938790

60500127 Nut for spring coupling M 8 for exhaust muffler (Rotax 842330)

60500128 Spring for spring coupling M8 (Rotax 239628)

60500131 Starter motor: Bosch American E-Starter 992807 from ser.no. 151 on

**Note:** The old Bosch starter 000 116 0001 is no longer available. For installing type 992 807 the mounting parts 4M5/1 and 4M5/2 and 4M70 are needed.

60504010 Drive belt HTD 1200-8M-50

57600922 Ball bearings for upper pulley 6009-2Z

39001024 Service kit nuts and bolts for 300 hour overhaul

60000175 Gas spring for extension-retraction drive A1LO-02-250-585/1200N

60000174 Gas spring for engine door A1A1-90-71-225/120N

60507560 Electric fuel pump Facet 40105

60500246 Diaphragm vacuum pump Mikuni DF 52-48, 994 485

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)

40470300 Probe for cylinder head temperature 4M30

**Service kit fuel lines (necessary every 6 years, TN826/45 instruction 1 must have been accomplished):**

39001012 for Tillotson carburetors  
39001013 for Mikuni carburetors

**Service kit fuel line at the engine (necessary every 3 years)**

39001003 for Tillotson carburetors  
39001002 for Mikuni carburetors

60507660 fuel cock PN 16 V 6 12026 omitted with TN826/45 instruction 1 replaced by:  
60507650 fuel cock KH 1075 1/4" with red handle  
60507660 threaded connector with pipe olive and cap nut (2 items necessary)  
60507650 fuel cock Götz 755.008 omitted with TN826/45 instruction 1 replaced by:  
60000527 fuel cock KH 1072T PTFE  
80012130 threaded connector 1/4" (female), 8mm  
80012131 threaded connector 1/4" (male), 8mm

**In addition with noise absorbing engine fairing for Tillotson carburetors**

60500238 Intake funnel  
60500239 Sealing  
60500141 Air filter

**for Mikuni carburetors**

60500242 Intake funnel  
60500140 Air filter

## ***Parts for the electrical system***

60510891	Battery HDS 6100 6V 10Ah equipped with screw - terminals
40475260	Regulator Glaser-Dirks 4E26
60510350	Extension-retraction relays 0.7.330.00 with diode
60510816	Starter relays 0332002160 with diode
40475100	Anti interference filter 4E10 for extension-retraction mechanism
60510461	Limit-switch engine extended 164-135
60510462	Limit-switch engine retracted 164-594
60510814	Emergency extension-retraction switch Bosch 0343 302003
60510395	Switch to switch over from normal to emergency extension-retraction 0141.0201 Marquardt
60510361	Extension-retraction switch at the control stick MST 106 G
60510813	Main switch Bosch 0341001001
60510812	Key for main switch Bosch 0341001001
60510370	Starter button SECME 07 17801 21
60510390	Circuit breaker Klixon 7277-2-7.5A
60510400	Holder for fuses 14.331.1
60510401	Screw cap with window 14.339.3 for 14.331.1
60510426	Fuses Wickmann G 250V with indicator 5 x 25 1.6 A (fast)
60510429	5 x 25 4 A
60510427	5 x 25 2.5 A
60510425	5 x 25 1 A
60510432	5 x 25 10 A
60510435	Fuse Bosch 1191017005 50 A
60510550	Proximity switch Insor INCT 120 2
60510800	plug Preh for socket in baggage compartment

## ***General***

10180091	tail dolly with pneumatic tire
60000143	Rotule MS 951.150.150.L3 (Kugelkopf)
60000141	Embout MZ 9.41.2.2 for airbrake
60000140	Embout RM 9.41.2.2.2 aileron und elevator
10180210	bolt bag Z 21

In case you are not sure about the required part, just sent us a Photo!

