

# DG-800

## *Control surface sealings and turbulators*

### **1. Wings - upper surface**

- 30003125 Mylar sealing 0.19 x 22 mm without glue, curved
- 70000253 Tesafix No. 4965, 9 mm wide, 50 m roll glue film
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

### **2. Wings - lower surface**

- 30003132 Combi sealing 43/19/06, 2 x 7 m (23 ft.)
- 30003131 Combi sealing 38/19/06, 2 x 1.45 m (4.76 ft.)
- or
- 30003300 Noppenband 10m roll (dimple turbulator tape)
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

### **3. Flaperons (sliding surface and internal sealing)**

- 30003136 Teflon-glass fabric 0.08 x 38 mm, 33 m roll selfadhesive

### **4. Horizontal tailplane**

- 30003129 Zig-zag turbulator tape 60 degree 0.4 mm thick
- 30003128 Upper surface: Mylar sealing 0.19 x 30 mm without glue, curved leading edge scarfed ,2 x 2,5 m (9.2 ft.)
- 70000253 Tesafix No. 4965, 9 mm wide, 50 m roll glue film
- 70000229 Tesafilm 4104 white, 19 mm wide, 66 m roll PVC tape

### **5. Vertical tailplane**

- 30003132 Combitalpe 43/19/06, 2 x 1,1 m long
- 70000295 Internal sealing: 3M Scotch V-seal weatherstrip Cat.Nr.2101 white, 22mm, 5.2m roll (V-tape)

## ***Parts for the powerplant***

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

60510806 Spark plugs Bosch W5AC electrode gap 0.5 mm

**Caution:** The removable cap must be secured with a little bit of Loctite 638 on the thread prior to installation

40050360 Spark plug S36 (Bosch W5AC electrode gap 0.5 mm) with screw cap fastened to the thread by crimping, marked with a red dot of paint on the insulator

60507569 Fuel filter elbow or

60507571 MANN-fuel- filter 500009180 WK 31/2(10)

60500150 Gaskets for exhaust manifold (2 pieces needed)

60500142 Air intake filter

70002200 Oil for airfilters with cottonfabric K&N 99-05046

### **b) Spare parts**

60510821 Spark plug connector Bosch 0356351032 1k $\Omega$

60500127 Nut for spring coupling M 8 for exhaust muffler

60500128 Spring for spring coupling M 8

60502500 Starter motor: DENSO 128 000-1671 12 V

60500155 Gasket for coolant outlet

60504012 Drive belt Poly Chain PC 8MGT 2400-36 with smoothed back

59332050 Front bearing for upper pulley 32205B

59320320 Rear bearing for upper pulley 320/32X

52200054 Securing washer 20 DIN 462 for upper pulley front bearing

30002028 Special grease for upper pulley bearings SKF LGMT3

39001026 Exchange kit nuts and bolts for 400 h overhaul

40050472 Gas spring for ext.-retr. drive S47/2 with Ultra-bush

60000182 Gas strut for muffler frame E1 E1-76-040-130/150N

60505002 Ext.-retr. spindledrive type Stross ATL10 modified

60000330 Rubber mount at engine hinge axis Ultrabuchse 0118288

40872873 Brake pad for propellerbrake (glued to mounting bracket)

60001115 Clamps XO for 6mm bungee (bungee for retaining cable)

60001201 Electric water pump Webasto U4810 modified  
60510565 Probe for coolant temperature TG 150/2  
60504051 Radiator KTM VW 0095

Rubber mounts for radiator

60000275 2 pieces Rundlager Type B (upper mount)  
60000262 1 piece Rundlager Type A (lower mount)

39001018 Service kit cooling system hoses

60507550 Drainer CAV 110 (1/8" NPT)

**Warning:** Replace the sealing ring of the drainer against partno. 60504402 prior to installation

60504402 Sealing ring for drainer CAV 110 (for automotive fuel)

60507561 Electric fuel pump Facet 40106

60507558 Refuelling pump KAVAN 12 V up to ser. no. 8-372

60507562 Refuelling pump Facet 60106 from ser. no. 8-373 on

60507571 MANN-fuel- filter 500009180 WK 31/2(10) for refuelling pump

40873071 Fuel distributor 8M307 with filter for primer valve and restriction for excess fuel line

60000527 Fuel cock KH 1072 T

60507607 Coupling for fuel filler hose KL-006-0-SL007

60503070 Primer-valve IWP069

45001604 Full tank sensor

60000103 Fuel hose PU hydrolyse and microbe-resistant 6x1x8

60000102 Fuel hose PU hydrolyse and microbe-resistant 8x2x12

### **Option wing tanks with electro-magnetic valves**

60507600 Coupling for fuel wing tanks (at fuselage) KL-006-0-SL009

60507601 Coupling for fuel wing tanks (at wing) KL-006-2-WR513

40872591 Electro-magnetic valve MA242-004V27SAH12/00SW

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

- 60510891 Battery 4E15 6V, 10 or 12Ah equipped with screw - terminals
- 40876200 DEI-NT-8E620
- 40876210 Control unit-NT 8E621
  
- 60510464 Limit-switch engine retracted and engine extended 164-574
- 60510484 Manual extension-retraction switch MTG 206 S
- 60510854 Key switch 3 Pos, 2 Pol KL09-1908KA (Master switch)
- 60510370 Press-button SECME 07 17801 21 for starter up to ser. no. 8-344
- 60510372 Press-button DJET 07.17502.21 for starter from ser. no. 8-345
- 60510375 Press-button 12G2904 for test of second fuel pump and for refuelling pump
  
- 60510385 Circuit breaker ETA 2A
- 60510386 Circuit breaker ETA 3A
- 60510436 Fuse 535257 60 A for batteries
- 60510440 Fuse 250V 0.2A 5x20 m for fire warning light
  
- 60510550 Proximity switch Insor INCT 1212
- 40871350 Proximity switch ready assembled with wiring and plug
  
- 60510796 Socket BSB 12 (in main bulkhead)
- 60510797 plug BSK12 for socket BSB 12

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