



Pos.	Teile-Nr.	Benennung
01	220 360.0000	Handle
02	232 280.0000	Pin
03	204 660.0000	Locking nut
04	226 280.0000	Burst disk
05	351 482.0000	Hose assembly cpl. without reduction nozzle item 17
06	201 270.0000	"O"-ring 60 x 4
07	350 761.0000	Valve cpl. with pressure display existing of item 01-04, 06, 7a, 7b
07a	350 650.0000 *	Indicator bolt with o-ring
07b	206 450.0000 *	Indicator covering
08	351 683.0000 *	Body shell cpl. with item 9, 10, 18
09	206 000.0000	Steel cartridge holder
10	211 370.0000	Base
11	205 990.0000	Locking nut
12	205 980.0000	Retaining ring
13	220 570.0000	Gasket
14	300 800.0000	Cartridge with valve P 6
15	221 985.0000	Safety pin seal
16	902 000.0000	Roll of locking wire
17	221 901.0000	Reduction nozzle for item 5
18	944 047.0000 *	Label P 6 GT
19	204 490.0000 *	Service seal label
20	920 675.0000 *	Sticker pin indicator
21	000 941.0000 *	Recharge 6 kg ABC Glutex PL-3/65
22	000 936.0000 *	Recharge 25 kg ABC Glutex PL-3/65
23	000 971.0000 *	Exchange Cartridge P 6

* not illustrated

To be particularly observed:

Maintenance only through competent persons – DIN 14406, part 4 has to be observed.
Compliance with testing and filling instructions is prerequisite for maintenance in accordance with Equipment Safety Law §§ 3 ff.

1. Inspection procedure

In order to ensure its readiness for use, each extinguisher has to be inspected regularly by a specialist, every 2 years at least.

It may be necessary to shorten the inspection intervals if, for example, this is specified by regulations.

1.1 Visual inspection

Examine the general condition of the extinguishers (cleanliness, condition of the fittings, the protective coating, the labelling, the bracket) and check for damages. Body shells and valves with damages adversely affecting their pressure resistance are to be discarded.

1.2 Spare parts

Performance data and technical features on which the certification is based may not be modified by servicing. Therefore only Gloria refills and replacement parts that have been certified should be used.

GLORIA original spare parts are certified.

1.3 Inspection of extinguisher and body shell according to latest DIN 14406 part 801 and Pressure Vessel Ordinance as well as EN 3**1.4 Body shell****1.4.1 Attention!**

Extinguisher can still be under pressure. Therefore loosen the locking nut by one or two turns with the special tool for erase head closing with 3 + 4 cams. Pressurised gas will then escape through the pressure relieve grooves out of the container (while loosen the locking nut do not turn the valve fitting)

1.4.2 Dispose of residual powder and clean body shell internally using nitrogen.

1.4.3 Examine threads for damage and inspect for internal and external damages for corrosion.
Discard damaged body shells.

1.4.4 Check rising tube for firm position at the body shell and for blockage (therefore blow with nitrogen)

1.4.5 Damaged bases need to be replaced.

1.4.6 Replace damaged labels with respective stickers.

1.5 Compressed gas bottle

Correct the recharge weight (use a calibrated scale). After expiry of the embossed test deadline, the cartridge has to be checked by an expert before it is recharged with compressed gases.

Recharge weight of CO2 cartridge.
P 6 150 g, permissible variation 5 g

1.5.1 Assembly of cartridge

The retaining ring (item 10) has to be replaced if it is strongly distorted or damaged and the safe fixing of the cartridge is not guaranteed anymore.

1.6 Valve cpl.

1.6.1 Clean valve fitting from residue powder and dismount pressure indicator bolt.

1.6.2 "O"-rings

The „O“-ring that seals the valve and the body are to be replaced after every opening of the fire extinguisher. It is recommended to replace all "O"-rings. In any case, "O"-rings with signs of damage, porosity or deformation must be replaced.

1.6.3 Check safety valve for damages. Send damaged safety valves to GLORIA-GmbH for adjustment.

1.6.4 Dispose of valves with interior / exterior damages influencing their stability or damaged threads.
Check if rising tube is fixed.

1.6.5 Assemble the indicator covering and push the new indicator bolt from the rear side of the valve body against the indicator covering into the valve body.

1.6.6 Check hose assembly (see instructions hose assembly):

- for blockage
- plastic parts for deformation, breakage or discolouration
- hose for correct connection, without discolouration and breakage
- pistol for function and tightness

1.7 Extinguishing powder

1.7.1 Check extinguishing powder competently for possible reuse (see instructions for extinguishing agents).

1.7.2 Only certified powder types should be used for recharging. Only use refills with the certification number. Extinguishing powders with different certification numbers must not be mixed. The certification number on the refill packages must conform with the certification number on the label.

1.7.3 Recharge weight of the powder:
P 6 6000 g , tolerance $\pm 2\%$

(use calibrated scales)

1.7.4 Only fill in the powder, even refills, by using a sieve.

1.8 Assembly

1.8.1 Surfaces must be free of powder and damages.

1.8.2 Evenly lubricate the surface of the body shell thread ring with anticorrosive grease.
Fit cpl. valve straight into loose powder and adjust handle over the cartridge. Screw in the valve retaining nut. The torque must be adhered to! Label valve retaining nut and valve body with a seal.

1.8.3 Fit new burst disk, smooth side facing outwards, into the cleaned valve body and mount hose assembly.
Mount hose assembly.

1.8.4 The date of filling or inspection, the name of the inspector as well as name and address of his employer are to be indicated in a legible manner on a sticker or other label that is fixed on the extinguisher. The label may not be covered, not even partially.

2. Refilling the Extinguisher

2.1 Recharging the extinguisher is identical to the inspection as described under n° 1, except that the powder of extinguishers that have already been used may not be reused and that the cartridge needs to be refilled or exchanged.

2.2 Refill of CO₂ cartridge:

Carbon dioxide, technically pure (99,9 vol.% CO₂), minimum dew point - 40°C

P 6 150 g, permissible variation 5 g

3. Tightening torques

Hose	15 Nm up to 25 Nm
Locking nut / CO ₂ cartridge	25 Nm ± 2 Nm
Valve retaining nut	60 Nm up to 70 Nm
Reducing nozzle	3 Nm up to 4 Nm

4. Auxiliary material and tools for servicing

“The following tool list is without reference to the process description.
The listed tools are to be used appropriately”.

900 980.0000	Fork wrench SW 24 / 27
901 000.0000	Special spanner for locking nut with 3 + 4 cams
901 090.0000	Engineer's hammer 500g
901 110.0000	Side cutter
901 900.0000	Fork wrench SW 17 / 19
902 190.0000	Funnel with sieve (to fill in the extinguishing powder)
907 500.0000	Splint removing set Ø 3, 4, 5, 6, 7, 8
909 460.0000	Spanner insert SW 17, 3/8", square socket
909 680.0000	Spanner insert SW 19, 3/8", square socket
910 400.0000	Jaw insertion tool SW 17, adapter 9 x 12
910 410.0000	Jaw insertion tool SW 19, adapter 9 x 12
910 990.0000	Lever for removal of base
911 840.0000	Digital scales 35kg / 10g
914 990.0000	Digital scales 6 kg / 1 g
919 980.0000	Clamping device for extinguishers
920 500.0000	Test adapter M 18 x 1,5
920 708.0000	Lead seal pliers
920 709.0000	Lead seal pliers insert "GLORIA" (for 920 708)
920 710.0000	Lead seal pliers insert "serial no" (for 920708)
920 344.0000	Special jaw insertion tool for valve retaining nut
920 429.0000	Torque wrench 20 -100 Nm, adapter 3/8", adapter 9 x 12
920 640.0000	Jaw insertion tool SW 27, adapter 9 x 12
920 794.0000	Connecting piece 1/4", square socket on 1/4" hexagon
920 795.0000	Torque wrench 0.2 – 4 Nm, 1/4", hexagon inside
921 818.0000	Verbindungsstück 3/8" Außen auf 1/4" Innen