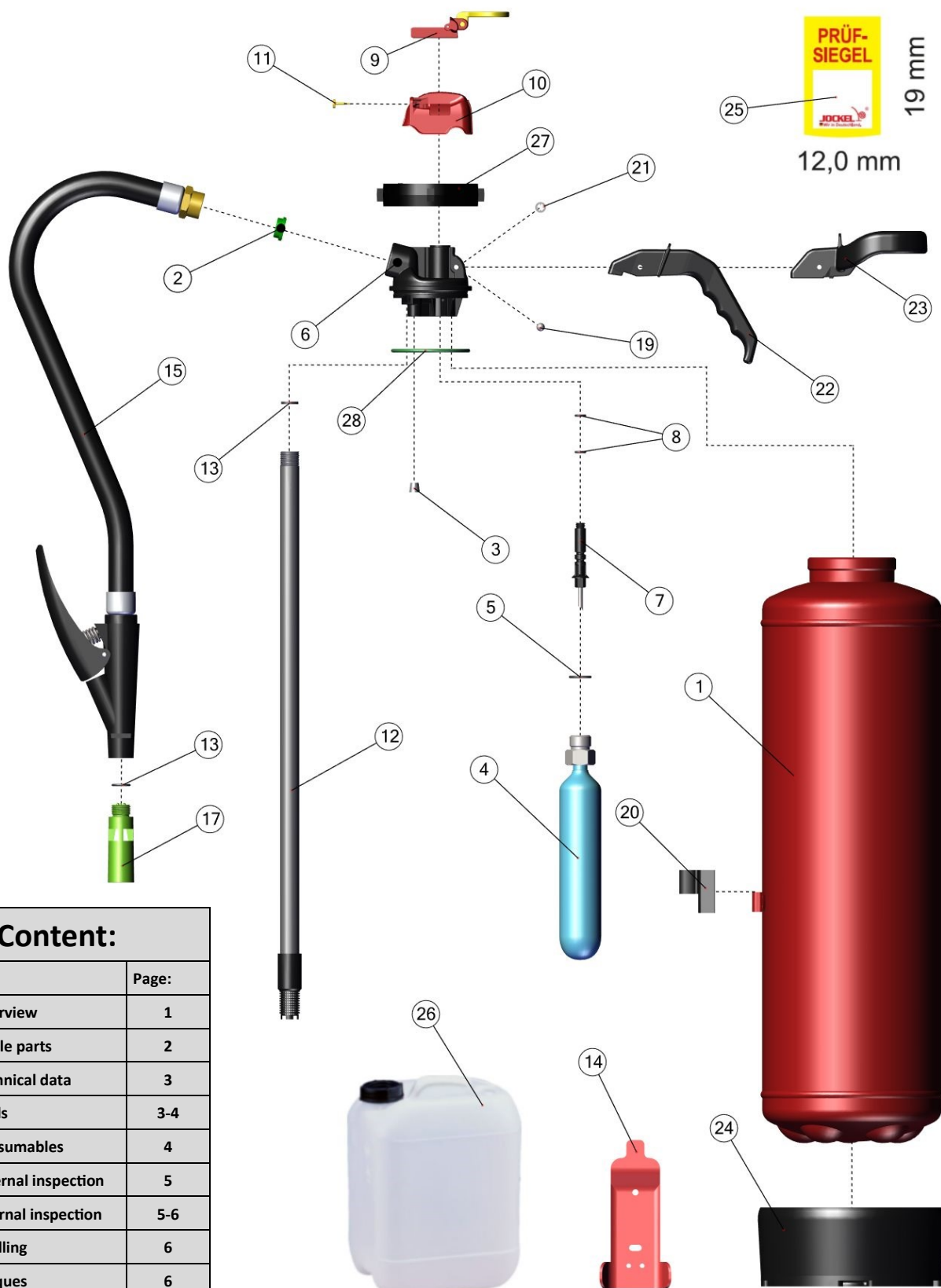


Maintenance Instruction

S9JX 43 GREEN 2.0



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 Frank Jockel, Holger Jockel / HRA 21611 Amtsgericht Wuppertal vertreten
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Seite: 1

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Maintenance Instruction

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2. Single parts:

Item	Art. No.	Designation
1	01593	Container
2	02161.325	Protective foil, green
3	02503	Plug
4	02693.1	Propellant gas bottle
5	05621	O-Ring Ø15,6x1,78
6	03867	Fitting, complete with cap nut and o-ring, with impact cap, without handle
7	02206BG	Striker complete
8	05617	O-ring Ø6,07x1,78
9	02220BG	Safety lock, complete
10	02225	Impact cap
11	08553.1	Plastic plug-in seal, yellow
12	06564.1	Riser pipe with sieve
13	07122	Flat seal Ø14,5xØ9x2
14	04080	Wall bracket
15	05473.2	Hose
17	05079E	Extinguishing nozzle
	05613	O-ring Ø12,42x1,78 for extinguishing nozzle
19	07002	Round-headed rivet Ø4x35
20	07005	Hose clamp
21	07006	Clamping washer Ø4mm
22	07038	Classic handle
23	07037	All-purpose handle
24	07401R1	Base ring Ø180mm
25	08826	Seal, fitting
26	09343.9	Refilling S9JX 43 GREEN 2.0, JoMix FFE Plus
27	03047.2	Cap nut
28	05603	O-ring Ø60x3
	On request	Label S9JX 43 GREEN 2.0

3. Technical data:

Recognition number: SP 209/22
 Extinguishing agent: JoMix FFE Plus
 Shelf life of the extinguishing agent: 6 years⁻¹
 Rating: 43A 183B
 Capacity: 9 L
 Extinguisher weight: approx. 15,1 kg
 Propellant: 90 g CO₂
 Temperature range: +5°C to +60°C
 Discharge time⁻²: 67 s
 Discharge range⁻²: 8 m
 PS (max. perm. operating pressure): 18,5 bar
 Perm. deviation of the extinguishing agent: -0,45 ltr

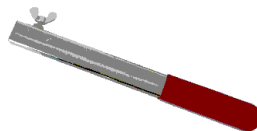
⁻¹ Under normal load when extinguisher is stored⁻² Values may deviate

For maintenance, please observe the respective national regulations

4. Tools:



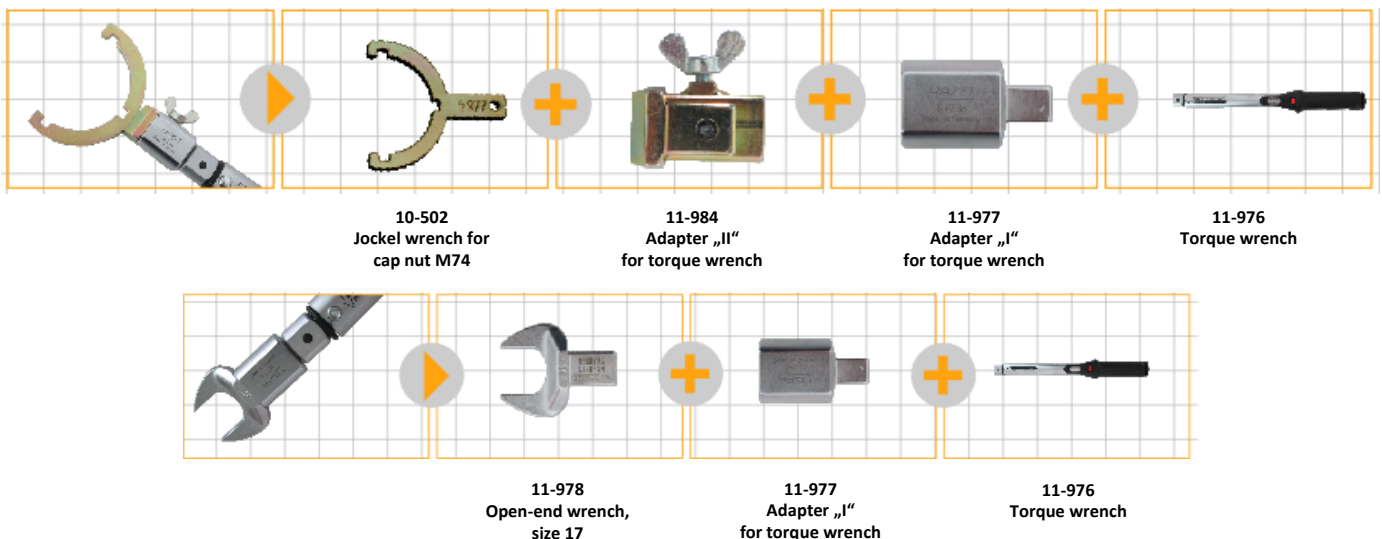
10-502
Jockel wrench for
cap nut M74



10-530
All-purpose handle



11-976
Torque wrench



Maintenance Instruction

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4. Tools (continued):

- All-purpose serrated wrench for threaded ring M74, art. no. 10-502
- Handle for all-purpose serrated wrench, art. no. 10-530
- Torque wrench, art. no. 11-976
- Open-end wrench, size 22 / size 24
- Open-end wrench, size 22 - for use with torque wrench, art.no. 11-991
- Open-end wrench, size 24 - for use with torque wrench, art.no. 11-979
- Adapter "I" for torque wrench, art.no. 11-977
- Adapter "II" for torque wrench, art.no. 11-984
- Socket wrench, size 8, art.no. 11-974A.1
- Container for refilling the extinguishing agent
- Cutter knife
- Cleaning rags
- Container light, art.no. 11-867
- Holding device for JX fittings, art.no. 11-952.1
- Funnel, art.no. 10-549
- Coating tester for testing of inner coatings
- Container light with goose neck and prism, art. no. 11-867



11-867
Container light with
goose neck



10-600
Powder extraction
machine



08-553.1
K-seal, yellow



11-974A.1
Steckschlüssel SW8



11-952.1
Haltevorrichtung
für JX-Armaturen

5. Consumables:

- Anti-Seize-ASW, art.no. 00-910 (1kg can)
- Long-term grease, Art. no. 00-911
- Inspection seal, fitting, art. no. 08-825
- Plastic seal, yellow, art. no. 08-553.1 / additional colors upon request

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6. External inspection:

Check device for external damage:

- Check external coating of the container.
- Check components for corrosion/rotting at the components.
- Check label for readability and completeness.
- Check extinguishing hose [15] and pistol for cracks and fractures.
- Check seal on fitting [25] for integrity.
- If the base ring [24] is present, check for cracks and fractures.

7. Internal inspection:

- **When assembling and disassembling the components, observe the points under "9. Torques" values listed.**
 - Clamp the device.
 - Release cap nut [27] using the serrated wrench. Any pressure is relieved via the relief grooves in the cap nut.
 - Unscrew hose [15] with open-end wrench, size 24.
 - Remove and replace the protective foil [2] from the fitting [6].
 - Check hose [15] for proper function of the extinguishing gun and unobstructed passage of the extinguishing hose and the extinguishing nozzle [17]. A damaged hose must always be completed by a new hose!
 - Now, release the union nut [27] completely and remove the fitting [6] from the container [1].
 - Note: A special holding device is recommended for any further work on the fitting. More detailed information can be found under "4. Tools" and "10. Special information".
 - Unscrew propellant gas bottle [4] with open-end wrench, size 24.
 - Check propellant gas bottle [4] for correct weight. The filling tolerance amounts to -5g. The propellant gas bottle may have to be replaced.
 - Check the riser pipe with sieve [12] for damage and unobstructed passage from the hose connection.
 - Check plug [3] for correct fit in fitting [6]. Re-grease plug with long-term grease.
 - Pull the safety lock [9] and press down the impact cap [10]. While doing so, check the striker [7] for function and smooth movement.
 - Remove the residues of the plastic seal [11] from the impact cap [10].
 - Insert the safety lock [9] again and install new plastic seal [11].
 - Replace O-ring 60x3 [28] with a new one. Slightly grease the new O-ring with long-term grease prior to installing it in the fitting [6].
 - Screw in the CO₂ propellant gas bottle [4] again into the fitting [6]. Observe the value given under "9. Torques".
 - Remove the extinguishing agent from the container. Observe the recommended replacement period according to supplementary sheet 1 to the maintenance instructions.
 - Rinse the container interior thoroughly with water.
 - Check the container interior using the container light. No blistering or delamination of the inner coating from the container [1] may be visible. Otherwise, replace the container.
 - If the condition of the inner coating cannot be determined clearly, then check the clean container using the coating tester. If the inner coating is faulty, the container must be replaced. Empty the container [1] after completion of the check.
 - Check extinguishing agent for contaminations, such as flocculation, floating particles, discoloration, or other contaminations / foreign bodies and fully replace as needed.
- When disposing of the extinguishing agent, pay attention to the information of the extinguishing agent's manufacturer according to his safety data sheet for the extinguishing agent!
- Refill the extinguishing agent into the container [1].
 - Clean the M74 thread at the container [1] and thinly coat with Anti Size.
 - Insert fitting [6] into the container [1].
 - Tighten the cap nut [27] according to the value defined under "9. Torques".
 - Insert the protective foil [2] into the hose connection of the fitting [6].
 - Screw the hose [15] into the fitting [6] and tighten to the value defined under "9. Torques".
 - Complete the maintenance certificate. This certificate should be attached below or next to the label.

7. Internal inspection (continued):

8. Refilling:

Approach as under "Internal inspection". In addition, the hose [15], riser pipe [12], as well as the fitting [6] are subjected to thorough cleaning. To clean the fitting [6], unscrew the striker [7] using the socket wrench, size 8, from the impact cap [10]. Clean the striker hole in the fitting and the O-rings [8] on the striker [7]. Next, thinly coat the O-rings [8] with long-term grease. When screwing in the striker [7], make sure that the safety lock [9] is not jammed and can still easily pulled from the impact cap [10]! Only then, insert the plastic seal [11] into the impact cap [10]. Clean the plug [3] and slightly coat with long-term grease. Next, insert into fitting [6] again, until the plug is flush in the hole of the fitting [6].

Replace the CO₂ propellant gas bottle [4] as well as the seal at the fitting. Extinguishing agent residues must not be reused. Only extinguishing agents and propellants confirmed via type test and type approval as well as spare parts used in the respective type test, may be used for refilling and maintenance.

Complete the maintenance certificate. This certificate should be attached below or next to the label.

9. Torques:

- Cap nut [27] / container [1] approx. 35 - 40 Nm
- Extinguishing hose [15] / fitting [6] approx. 8 Nm
- Riser pipe [12] / fitting [6] hand-tight
- CO₂ propellant gas bottle [4] / fitting [6] approx. 12 Nm
- Striker [7] / impact cap [10] adjusted with safety lock [9] (must not be jammed and must be easily removable)

10. Special information:

Holding device for JX fittings

Using the holding device, work on the fittings of the "JX" series is simplified. It enables holding the fitting in place without clamping the fitting itself. It prevents possible damage to the surface due to scratches or defects that could be caused by clamping into a vise or other clamping devices. Handling is very easy:

1. Clamp the holding device into a vise.
2. Insert the fitting with the top side facing down into the holding device. Thanks to the contact surfaces on the hose connection and the handle, the fitting is secured against twisting and all connections on the bottom side are freely accessible.
3. Pull the fitting straight in upwards direction out from the holding device to remove it.

