

# New Unit Information



**T 7/1**  
**T 10/1**  
1.527-...

**General Information**

- Powerful, compact dry vacuum cleaner for target groups: building cleaning firms, hotels, restaurants and trade in the entry level market segment.
- A filter sack can also be used in addition to the main filter.
- Large integrated mains cable hook.
- Accessory storage on the back of the unit.
- Permanent, washable main filter cage (can be run with and without filter sack).
- Chassis with integrated butt joint.
- Bonded fabric filter technology.
- Kärcher clip system.
- Ergonomic, delta-shaped elbow bend.
- Tank volume 7.0 l (T 7/1).
- Tank volume 10.0 l (T 10/1).

**Vacuum system:**

- Plastic elbow fitting with false air opening.
- 6-fold filter system:  
3-ply bonded fabric filter sack, permanent main filter (nylon), motor protection filter and exhaust air filter.

**Standard accessories T 7/1:**

- Suction hose (1.7 m, DN 32) with plastic elbow fitting.
- Metal suction tube (2 x 0.5 m).
- Combination floor tool (working width 255 mm).
- Bonded fabric filter sack (dust class M).
- Permanent main filter cage (washable up to 40°).

**Standard accessories T 10/1:**

- Suction hose (2.5 m, DN 32) with plastic elbow fitting.
- Metal suction tube (2 x 0.5 m).
- Combination floor tool, switchable (working width 262 mm).
- Bonded fabric filter sack (dust class M).
- Permanent main filter cage (washable up to 40°).

**Optional accessories:**

- Telescopic metal suction tube (extendable by 0.6-1.0 m).
- Combination tool, switchable (262 mm).
- Tool set (crevice tool, upholstery tool, suction brush + clip retailing clamp).
- All-purpose brush with plastic bristles (120 x 45 mm).
- Suction brush with plastic bristles (70x45 mm).
- Upholstery tool (120 mm).
- Turbo suction upholstery tool (160 mm).
- Dry suction tool/parquet tool with brush strips.
- Extension hose C-DN 32, 2.5 m.
- Bonded fabric filter sack (dust class M).
- Paper filter sack (dust class M).
- Fabric filter sack (washable, up to 40°).
- ABS HEPA filter (T 10/1)
- Motor protection filter.

**Electrics:**

- Motor 1200 Watt (T 7/1)
- Motor 1250 Watt (T 10/1)
- Unit switch can be actuated using foot.
- 7.5 m mains cable (T 7/1).
- 10.0 m mains cable (T 10/1).

## View from the front



- |   |  |    |                                     |
|---|--|----|-------------------------------------|
| 1 | Cable hook   | 7  | Swivel casters (2x)                 |
| 2 | Unit cover   | 8  | Suction hose connection             |
| 3 | Mains cable  | 9  | Clip system, suction hose fastening |
| 4 | Locking device, tank   | 10 | Unit switch                         |
| 5 | Wheel (2x)   | 11 | Retaining screws, unit cover (2x)   |
| 6 | Tank<br>volume T 7/1 = 7 litres<br>volume T 10/1 = 10 litres | 12 | Carrying handle                     |

## Rear view



- 1 Unit switch
- 2 Carrying handle
- 3 Unit cover
- 4 Exhaust air filter
- 5 Locking device
- 6 Swivel castor
- 7 Tank

- 8 Wheel
- 9 Holder (2x), accessories
- 10 Suction tube (2x)
- 11 Mains cable
- 12 Cable hook
- 13 Retaining screws, unit cover

## Accessories



- 1 Suction hose
- 2 Crevice tool
- 3 Combination floor tool, switchable (T 10/1)
- 4 Upholstery tool
- 5 Combination floor tool (T 7/1)
- 6 Suction tube





## Dust container, view from below



- 1 Suction hose connection
- 2 Impact strip
- 3 Dust container
- 4 Retaining screw of the fully floating axles (2x)
- 5 Wheels with fully floating axles (2x)
- 6 Swivel casters (2x)

**Replacing the wheels**

- Screw out the retaining screws (4).
- Pull out wheel with fully floating axle (5) to the side.
- Install the new wheel in the reverse order.

Dust container, dust filter



- 1 Dust filter, main filter (polyester)
- 2 Dust container
- 3 Suction hose connection



## Dust container, view without dust filter

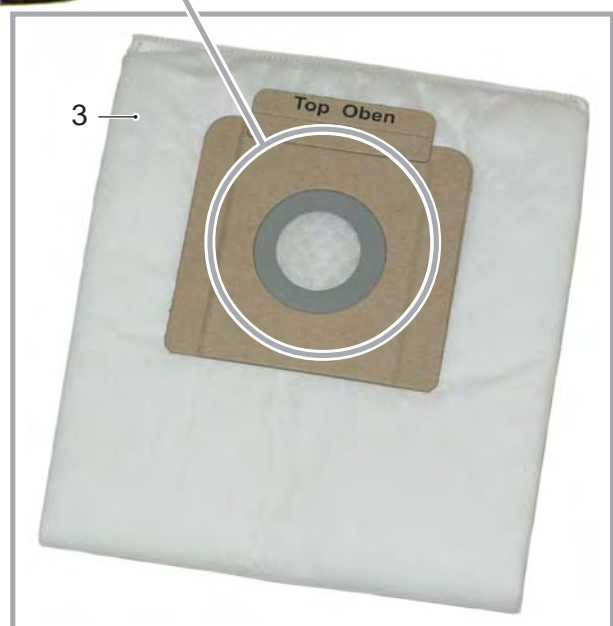


- 1 Dust container
- 2 Suction air guide
- 3 Bonded fabric filter sack

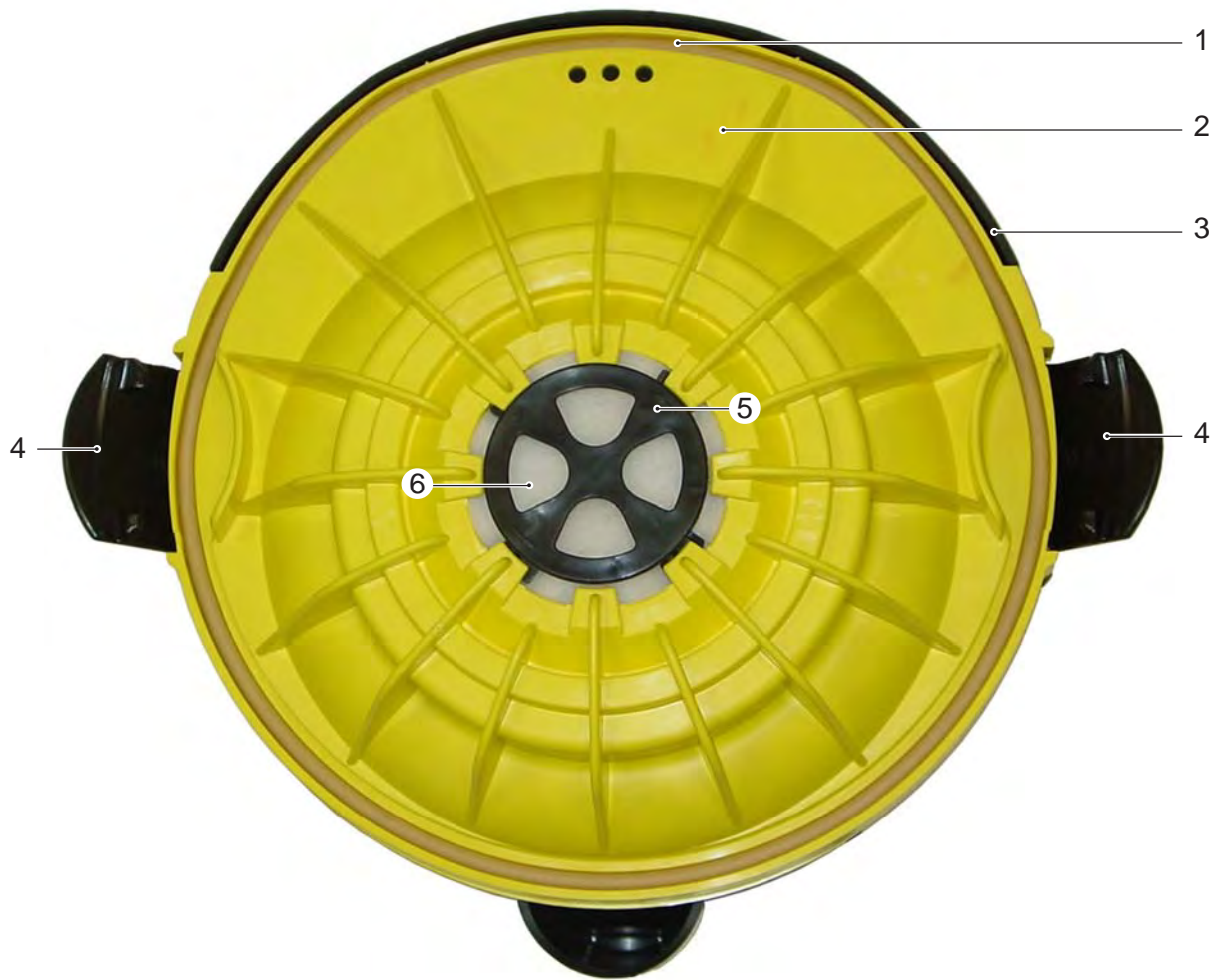
**Note:**

Instead of a dust filter (Item 1, Page 8), an optional bonded fabric filter sack (3) can be used. The opening of the bonded fabric filter sack (3) is placed over the intake air guide (2).

In addition, an optional Hepa filter can be inserted in the T 10/1.



## Suction motor housing, view from below



- 1 Seal
- 2 Suction motor housing, lower part
- 3 Unit cover
- 4 Locking device
- 5 Bracket for motor protection filter
- 6 Motor protection filter, suction turbine

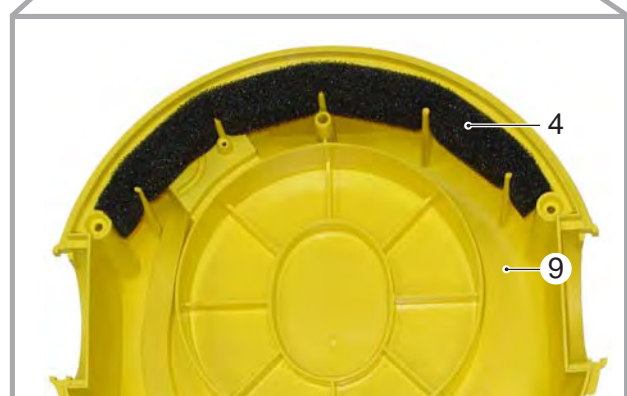
**Replacing the motor protection filter**

- Press bracket (5) downwards slightly and rotate in anti-clockwise direction.
- Bracket (5) can be removed from above.
- Replace the motor protection filter (6) and reinsert the bracket (5).

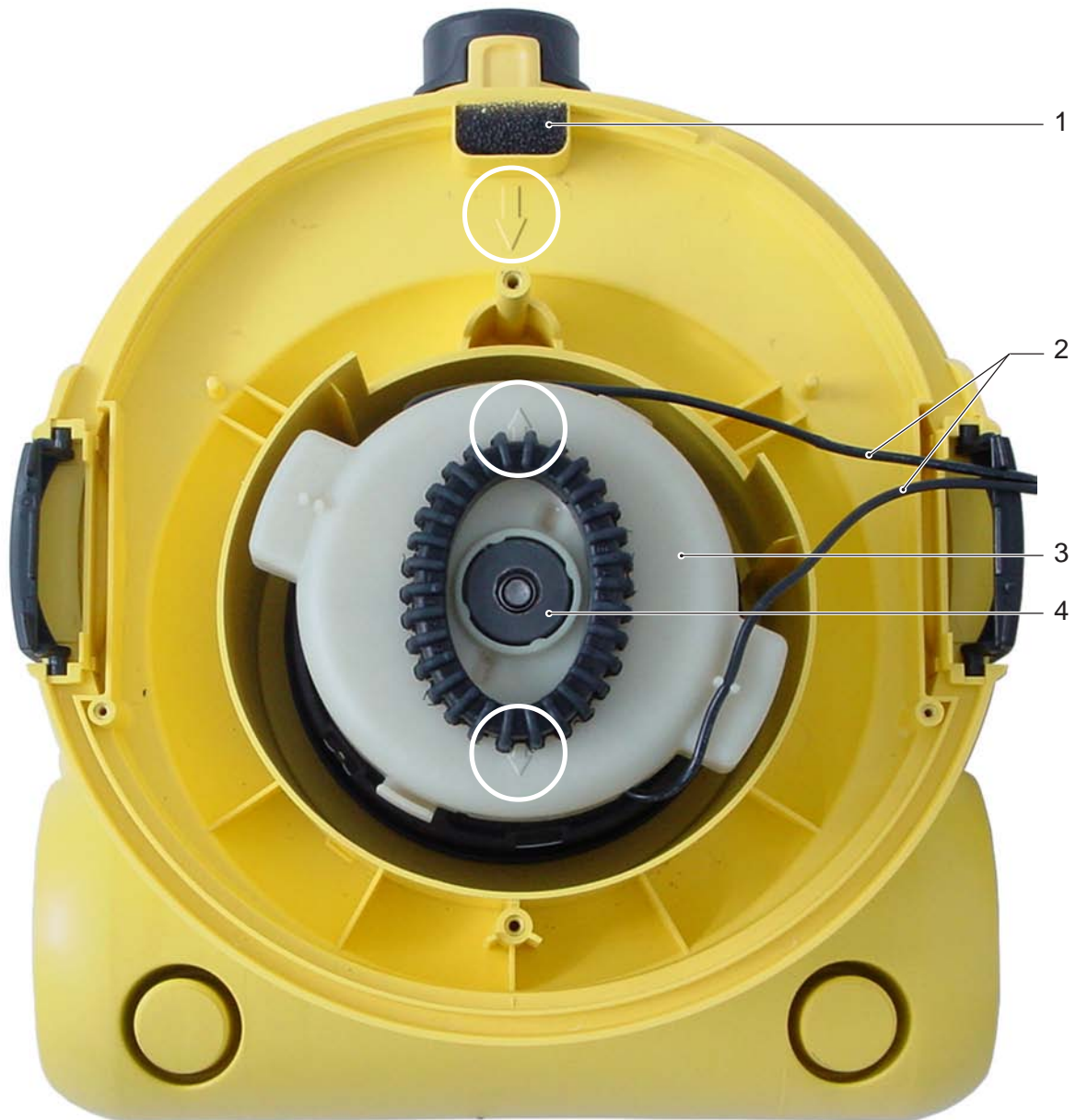
## Suction motor housing, unit cover removed



- 1 Interference suppression capacitor (C1)
- 2 Unit switch (S1)
- 3 Retaining screws for motor cover (2x)
- 4 Exhaust air filter, large
- 5 Mains cable fixing
- 6 Retaining screws, mains cable fixing
- 7 Mains connection cable
- 8 Wire guide
- 9 Suction motor housing, upper part
- 10 Spring



## Suction motor housing, upper part removed



- 1 Exhaust air filter, small
- 2 Connection cable, suction motor
- 3 Cap and suction motor bearing
- 4 Bearing, suction motor

**Note:**

The marking arrows (circles) show the correct assembly position of the holder for the suction motor.

## Cap removed



- 1 Suction motor connecting plug
- 2 Suction motor (M1)
- 3 Suction motor holder

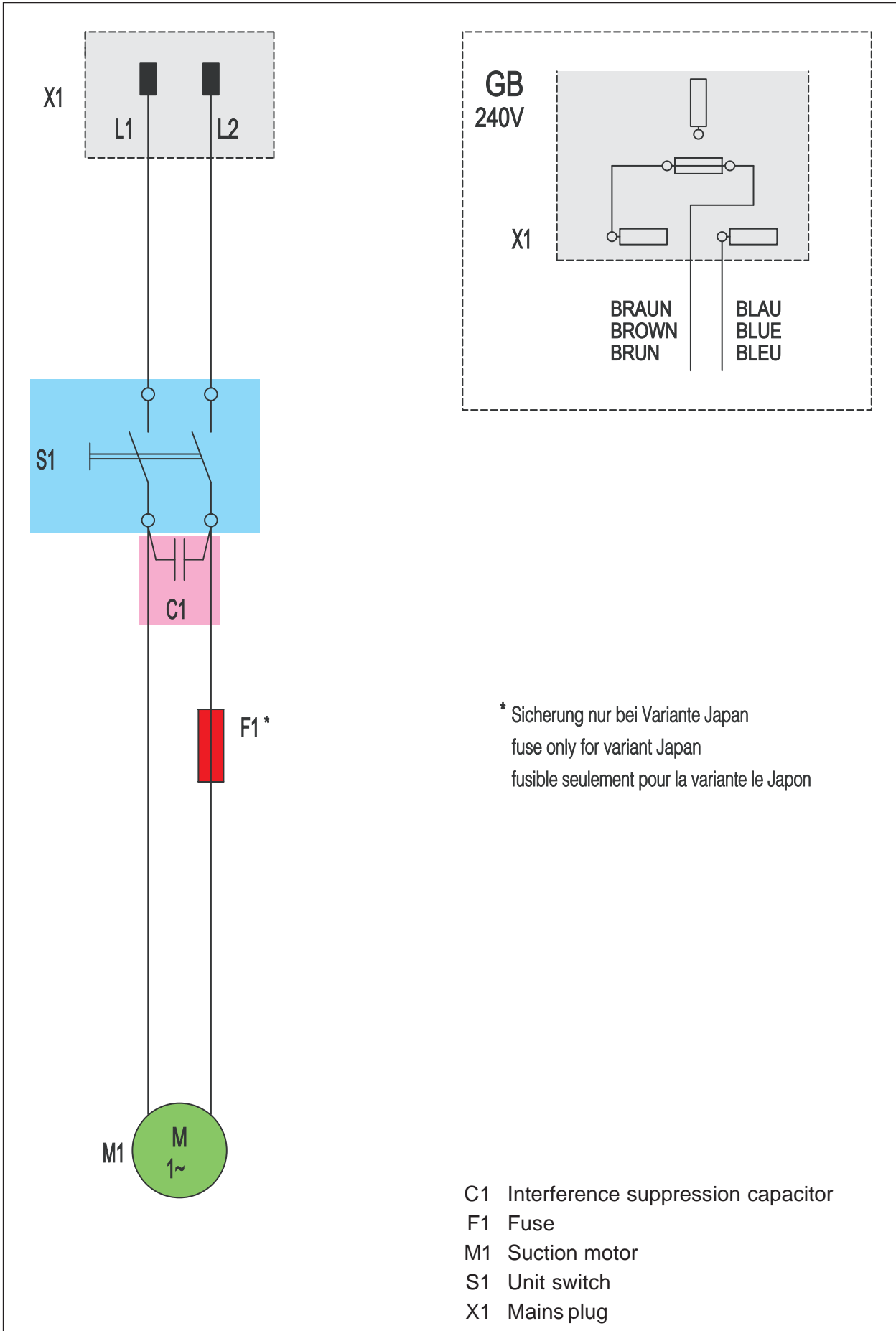
### Replacing the motor

- Remove cap (3) from suction motor (2).
- Pull put connecting plug (1) of suction motor (2).
- Suction motor (2) can be removed.

#### Note:

When inserting the new suction motor, ensure it is mounted in the correct position. The suction motor (2) must be inserted so that the holder (3) fits on the motor, as shown in the picture on Page 12. There are arrows on the cap (see circle markings) as an installation aid.

Circuit diagram 0.088-817.0



## Troubleshooting

Fault	Solution
<b>Suction motor not running</b>	<ul style="list-style-type: none"> <li>– Check cable, plug, fuse and plug socket.</li> <li>– Check/replace unit switch (S1).</li> </ul>
<b>Suction motor's thermal release has tripped</b>	<ul style="list-style-type: none"> <li>– Check/replace motor protection filter.</li> <li>– Check suction tool, suction tube and suction hose for blockage/ remove blockage.</li> <li>– Check/clean/replace filter sack/main filter.</li> </ul>
<b>Suction is diminishing</b>	<ul style="list-style-type: none"> <li>– Check suction tool, suction tube and suction hose for blockage/ remove blockage.</li> <li>– Replace defective/blocked filter sack/main filter.</li> <li>– Correctly close the unit cover.</li> </ul>
<b>Dust escapes during vacuuming</b>	<ul style="list-style-type: none"> <li>– Check/correct mounting position of the filter bag/main filter.</li> </ul>

## Technical specifications

Unit type	Unit No.	Circuit diagram	Operating instructions	Spare parts list
T 7/1 *EU	1.527-100	0.088-817.0	5.961-621.0	5.970-482.0
T 7/1 *UK	1.527-101	0.088-817.0	5.961-621.0	5.970-482.0
T 7/1 *Jp	1.527-102	0.088-817.0	5.961-621.0	5.970-541.0
T 10/1 *EU	1.527-110	0.088-817.0	5.961-621.0	5.970-501.0
T 10/1 *CH	1.527-111	0.088-817.0	5.961-621.0	5.970-501.0
T 10/1 *UK	1.527-112	0.088-817.0	5.961-621.0	5.970-501.0
T 10/1 *Jp	1.527-114	0.088-817.0	5.961-621.0	5.970-586.0
T 10/1 *AU	1.527-115	0.088-817.0	5.961-621.0	5.970-501.0

The technical data sheet and the circuit diagram will be included in the next issue of the spare parts CD-ROM (DISIS) and are also available in kaercher-inside (<https://kaercher-inside.com>).

If required, the operating instructions and the spare parts lists can be ordered as a paper copy from the spare parts service by quoting the relevant part number.

### Special tool

No special tools are required.

### Tightening torque

No details.