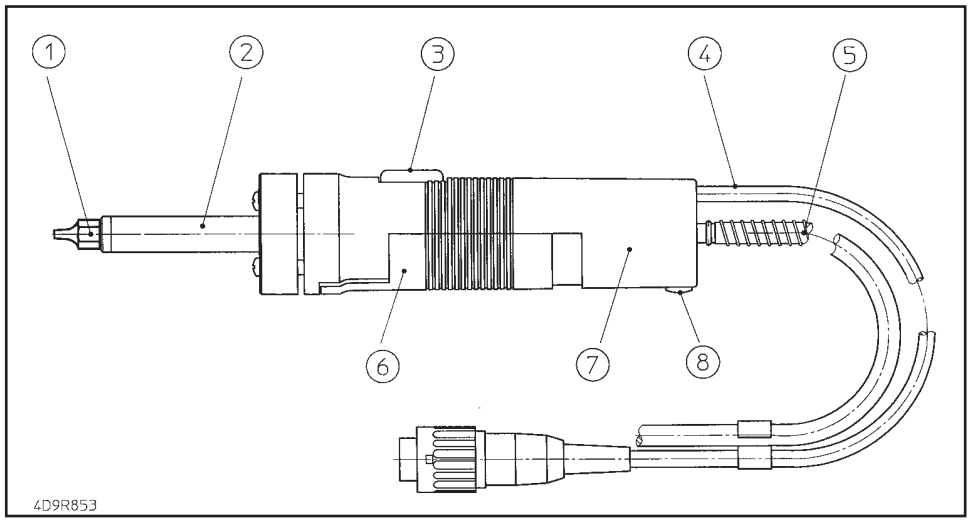
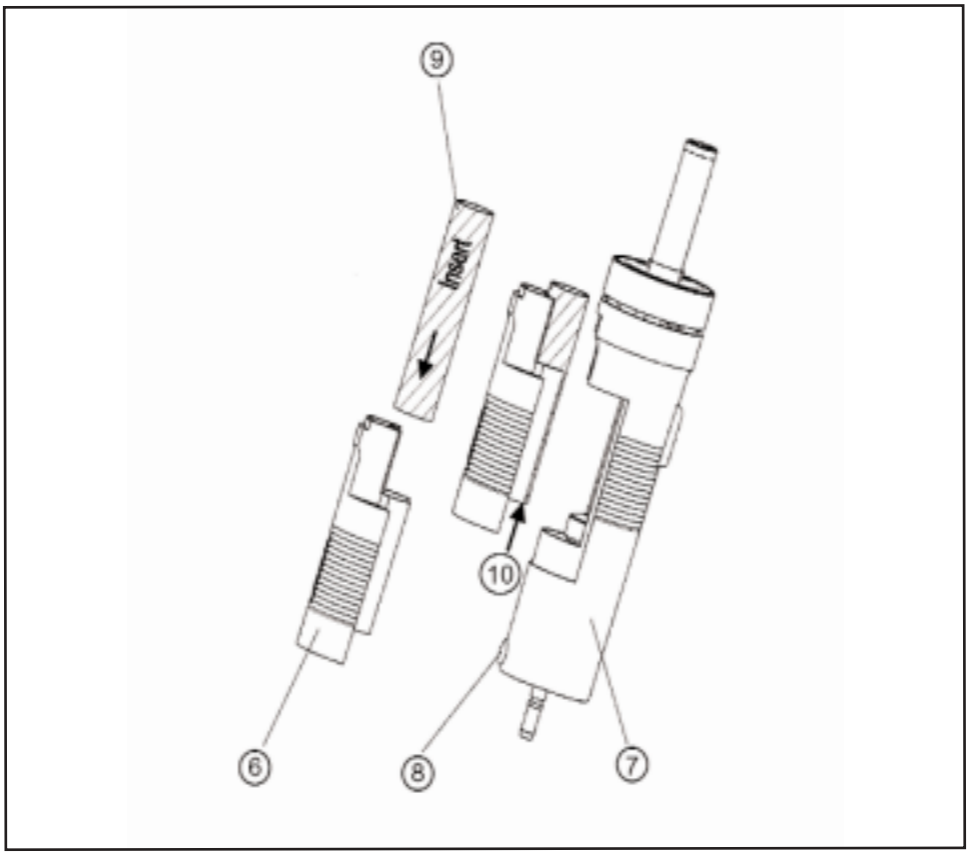

1
2
3
4
5
6
7
8
4D9R853


9
Insert
10
6
8
7

Schmutzablagerungen im Konusbereich lassen sich mit dem Reinigungseinsatz (5 87 067 94) für den Heizkörperkonus entfernen.

4.2 Einwegkartusche auswechseln
Entlötkolben mit der Saugdüse nach oben halten. Zum Auswechseln der Einwegkartusche wird die Filteraufnahme (6) nach hinten gezogen bis sie einrastet. Die Filteraufnahme kann nun herausgenommen und die Einwegkartusche (9) gewechselt werden.

Dabei die Einbaulage hinsichtlich Position (10) und Durchflussrichtung (9) der Kartusche beachten (siehe Abbildung).

Eventuelle Zinnreste im Innenbereich des Entlötkolbens entfernen. Die Filteraufnahme zusammen mit der neuen Kartusche wieder nach vorne bündig in das Handstück (7) einlegen und den Auslöser (8) betätigen. Der Entlötkolben ist nun wieder betriebsbereit.

4.3 Saugdüse auswechseln
Saugdüsen nur im heißen Zustand wechseln. Entlötkolben senkrecht halten. Das Wechselwerkzeug auf die Saugdüse aufstecken und durch eine kurze Drehbewegung (ca. 45°) die Saugdüse lösen und mit dem Werkzeug entnehmen.

Achtung
Verbrennungsgefahr! Die Saugdüse ist nach dem herausnehmen noch heiß.

Beim Einsetzen und Arretieren der neuen Saugdüse leicht gegen den Heizkörper drücken.

5. Lieferumfang

DXV 80 Set
Entlötkolben
AKV Ablage
Reinigungsbürste
Konusreiniger
Reinigungswerkzeug
Saugdüse DX112
Saugdüse DX113
Betriebsanleitung
5 Stk. Einwegkartusche

DXV 80
Entlötkolben
Reinigungsbürste
Konusreiniger
Betriebsanleitung
5 Stk. Einwegkartusche

Bild Saugdüsenprogramm S. 41
Bild Explo Zeichnung S. 42

Technische Änderungen vorbehalten!

Thank you for buying the Weller DXV 80 desoldering iron. The apparatus has been subjected in the production process to the most stringent quality requirements, which will ensure faultless apparatus operation.

⚠ 1. Caution

Please read these Operating Instructions and the Safety Information carefully prior to initial operation of the apparatus. Failure to observe the safety regulations results in a risk to life and limb.

The manufacturer shall not be liable for damage or injury resulting from use that deviates from these Operating Instructions and from unauthorised modifications.

Safety information

- When not in use, always place the desoldering iron in the original holder.
- Make sure that all combustible objects are removed from the vicinity of the hot desoldering iron.
- Antistatic plastics are provided with conductive fillers to prevent static charges. This prevents the insulating properties of the plastic.
- Never carry out work on live components.
- Avoid unintentional operation. Never leave the hot desoldering iron unsupervised.
- The desoldering tool may only be operated in technically flawless condition.
- Wear suitable protective clothing. Risk of burns from liquid solder.

2. Description

The DXV 80 desoldering iron can be connected to all electronically controlled WELLER unsoldering equipment with 80 W connection systems. A superior-quality sensor and heat transfer technology ensure that the desoldering tool has a precise temperature control response. The desoldering iron is particularly well suited to reworking and repairing SMD or conventionally printed board assemblies. Different X-series suction nozzles and CSF desoldering tips solve many desoldering problems here. The suction removal process is initiated by actuating the finger switch. The solder collecting container consists of a disposable cartridge with filter. Easy and quick replacement of the disposable cartridge minimises the maintenance expenditure of the desoldering iron. The handle, incoming cable and vacuum hose are made from antistatic material and contribute to the high quality standard of this desoldering iron.

3. Startup

Place the desoldering iron in the safety holder. Plug the connector into the connection socket of the control unit and lock. Connect the vacuum hose to the connection fitting (Vac) of the control unit. Switch on the control unit and set the desired working temperature (380°C / 716°F recommended). The optical control indicator on the control unit starts to flash when the operating temperature is reached. The suction removal process is initiated by actuating the finger switch.

4. Work instructions

The inside diameter of the suction nozzle should correspond roughly to the bore diameter of the PCB. Position the suction nozzle vertically and switch on the vacuum only when the solder is fully melted on. During the suction removal process move the component connection in a circular motion. If all the solder is not removed by suction, tin the soldering joint again and repeat the unsoldering process. Using additional tin solder wire maintains the good spreading power of the suction nozzle and guarantees good thermal conductivity.

4.1 Cleaning, maintenance

In order to achieve good desoldering results, it will be necessary to clean the desoldering tip on a regular basis. This work involves cleaning the suction nozzle and the suction pipe, replacing the disposable cartridge (9) and checking the seals and filter. Always use new disposable cartridges to rule out the risk of leaks.

To clean the suction nozzle bore, use the cleaning tool (5 13 500 99) with a matching cleaning needle. Cleaning of the suction pipe takes place without the suction nozzle and is performed with the cleaning brush (5 87 418 23).

Dirt deposits in the taper area can be removed with the cleaning insert (5 87 067 94) for the heating element taper.

Technical data

Supply voltage:	24 V AC safety extra-low voltage
Power:	80 W
Temperature range:	50°C – 450°C (150°F – 850°F)

4.2 Replacing disposable cartridge
Hold the desoldering iron with the suction nozzle upwards. To replace the disposable cartridge, pull the filter receptacle (6) towards the rear until it engages. The filter receptacle can now be removed and the disposable cartridge (9) replaced. In so doing, pay attention to the installation position with regard to position (10) and throughflow direction (9) of the cartridge (see (see figure).

Remove any remnants of solder from the inside of the desoldering iron. Reinsert the filter receptacle together with the new cartridge forwards into the handpiece (7) until flush and actuate the release (8). The desoldering iron is now ready for operation again.

4.3 Replacing suction nozzle
Replace suction nozzles only when they are hot. Hold the dsoldering iron vertically. Attach the replacement tool to the suction nozzle, release the suction nozzle with a short turning motion (approx. 45°) and remove with the tool.

Caution
Risk of burns! The suction nozzle will still be hot after it is removed.

Press gently against the heating element when inserting and locating the new suction nozzle.

5. Scope of delivery

DXV 80 set
Unsoldering iron
AKV holder
Cleaning brush
Taper cleaner
Cleaning tool
DX112 suction nozzle
DX113 suction nozzle
Operating Instructions
Disposable cartridges (5 pcs.)

DXV 80
Unsoldering iron
Cleaning brush
Taper cleaner
Operating Instructions
Disposable cartridges
(5 pcs.)

Figure Suction nozzle range p. 41
Figure Exploded view p. 42

Subject to technical alterations and amendments!

Exploded Drawing