

# JBC

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## DR560

DESOLDERING IRON

# DR560/DESOLDERING IRON

**DR560-A**  
DESOLDERING IRON



**MANUAL**



**C560013**



**0812360**  
INTERNAL  
JOINT CASE



**C560004**



**0780840**  
FILTER



**C560005**



**0965760**  
LONG CLEANING  
TIPS SET



**0965970**  
CLEANING  
TIPS SET



**0780550**  
SPANNER



**0786640** CLEANING STICK



**0812630** METAL TIN DEPOSIT



**0812620** TIN DEPOSIT



## INSTALLATION

**MS-A**  
DESOLDERING PUMP



**DM-2B**  
CONTROL UNIT



Connectable control units:  
**DI, DD, DM and RM.**

Mains

Equipotential  
connection

**DR560-A**  
DESOLDERING IRON



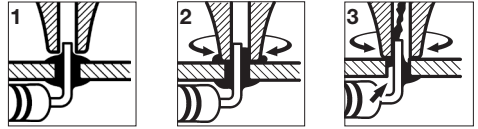
**DR-SC**  
DESOLDERING  
STAND



## DESOLDERING PROCESS

Use the tip model with a larger diameter than the pad to be desoldered, so as to achieve maximum aspiration and thermal efficiency.

1. Apply the desoldering iron tip so that the component terminal penetrates within its orifice.
2. When the solder liquefies, start gently to rotate the desoldering tip so that the component's terminal can be eased away from the sides.
3. Press then, not before, the vacuum pump push-button just long enough to aspirate the solder.



After pressing the desoldering key there is a slight delay until the self-contained vacuum pump stops, this is to make sure that the vacuum circuit is completely empty.

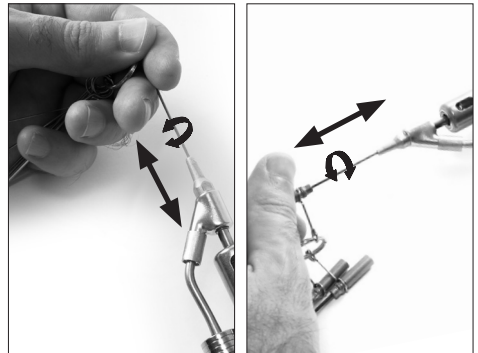
If any solder remains are left on any terminal after attempting to desolder it, resolder it with fresh solder and repeat the desoldering operation.

## TIP CARE

The largest rod that fits in the tip hole should periodically be passed through in order to clean the intake tube.

You can use any one of the cleaning system supplied with CL9885.

**IMPORTANT:** DO NOT press the pushbutton vacuum pump while tinning the desoldering tip, as the fumes given off by the flux would quickly soil the ducts and filter of the air circuit.



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## CHANGE OF DESOLDERING TIP

This operation should be done while the tip is hot, at a minimum temperature of 250°C, so that any tin left inside is in molten state.

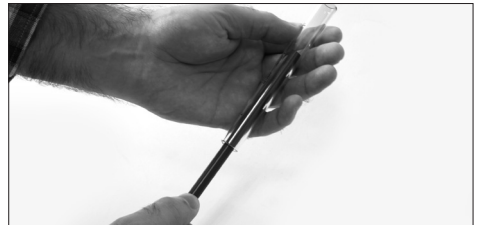
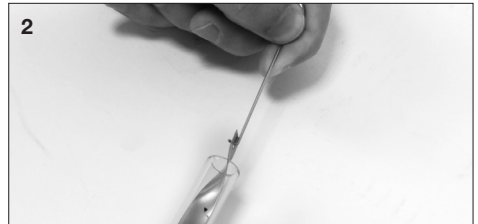
- Unscrew the tip to be replaced, with the aid of the spanner supplied.
- Fit the new tip, and tighten up with the spanner to achieve a good air tightness.



## TIN DEPOSIT MAINTENANCE



1. For this, the lid needs to be unscrewed with the DR560 in **vertical position**.



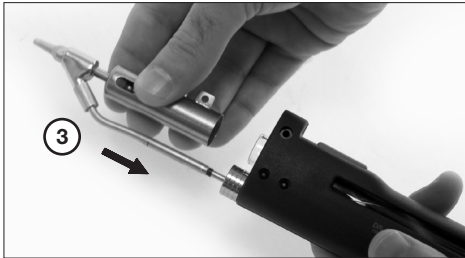
2. Then its spiral must be removed to clean the inner part of the deposit with the provided stick.

- The condition of the filter and internal joint must be checked and replaced if dirty or damaged.



3. The deposit needs to be inserted with spiral filter put into place, positioned between the 2 lines marked on the tin deposit. Then the whole must be closed by screwing the lid **1**.

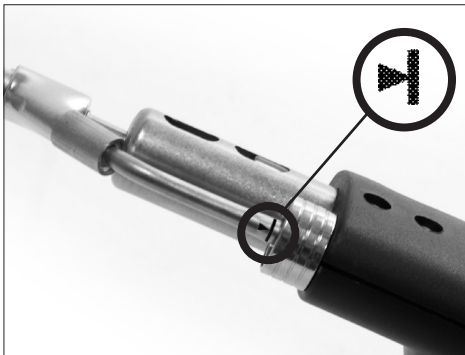
## CHANGE THE HEATING ELEMENT OF THE DESOLDERING IRON




1. To perform this operation, shut down the station or disconnect the tool, the deposit lid needs to be loosened.

2. Undo the screw indicated in the picture and remove the heating element.

3. Place the new heating element.

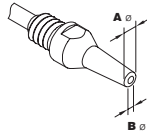


Important.

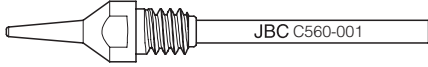
- For a good connection it is essential to insert the cartridge lining up the mark .

- Tighten the screw indicated in the picture 2 and then tighten the lid 1.

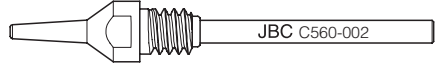
## RANGE OF TIPS



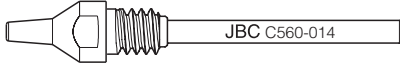
**C560-001**  $\varnothing A=1,4$   $\varnothing B=0,6$   $\varnothing \text{max. pin}=0,4$



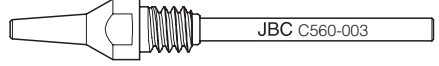
**C560-002**  $\varnothing A=1,8$   $\varnothing B=0,8$   $\varnothing \text{max. pin}=0,6$



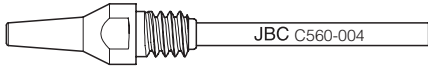
**C560-014**  $\varnothing A=2,5$   $\varnothing B=0,8$   $\varnothing \text{max. pin}=0,6$



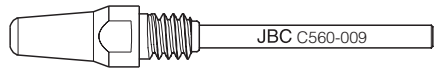
**C560-003**  $\varnothing A=2,7$   $\varnothing B=1$   $\varnothing \text{max. pin}=0,8$



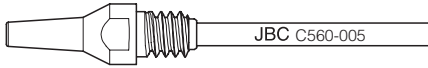
**C560-004**  $\varnothing A=3,2$   $\varnothing B=1,3$   $\varnothing \text{max. pin}=1,1$



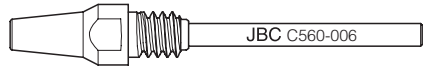
**C560-009**  $\varnothing A=5$   $\varnothing B=1,3$   $\varnothing \text{max. pin}=1,1$



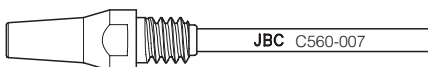
**C560-005**  $\varnothing A=3,4$   $\varnothing B=1,5$   $\varnothing \text{max. pin}=1,3$



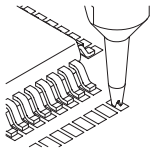
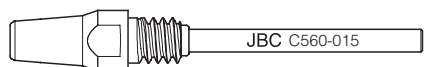
**C560-006**  $\varnothing A=4,2$   $\varnothing B=1,9$   $\varnothing \text{max. pin}=1,7$



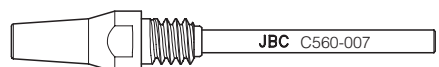
**C560-007**  $\varnothing A=4,8$   $\varnothing B=2,4$   $\varnothing \text{max. pin}=2,2$



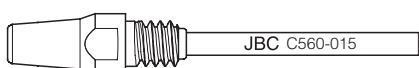
**C560-015**  $\varnothing A=5,2$   $\varnothing B=3$   $\varnothing \text{max. pin}=2,8$



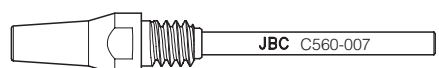
**C560-011**  $\varnothing A=1,4$   $\varnothing B=0,6$



**C560-012**  $\varnothing A=1,8$   $\varnothing B=0,8$



**C560-013**  $\varnothing A=2,7$   $\varnothing B=1$



*All the cartridges show are actual size.*



This product should not be thrown in the garbage.

# **JBC**

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## **WARRANTY**

JBC's 2 years warranty guarantees this equipment against all manufacturing defects, covering the replacement of defective parts and all necessary labour.

Warranty does not cover product wear due to use or mis-use.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased enclosing this fully filled in, sheet.

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SERIAL N°

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STAMP OF DEALER

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DATE OF PURCHASE

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