

Upgrading your FR-4001 to an FR-4003

To upgrade your FR-4001 UHD desoldering hand piece to the FR-4003 UHD desoldering hand piece you must change the following parts on your current hand piece

1: Heating element : The heating element A5016 found on the FR-4001 must be changed out with the new A5054 heating element for the FR-4003

2. Nozzle enclosure : The nozzle enclosure (B5079) found on the FR-4001 must be changed with the (B5221) enclosure for the FR-4003

3. Movable joint : The movable joint (B5225) is needed for part of the nozzle quick change feature

4. Wave spring : The wave spring (B5226) is needed for part of the nozzle quick change feature

5. Joint cover : The joint cover (B5223) is needed for part of the nozzle quick change feature .

6. Screws : The upper screw that secures the heating element to the housing is the same for both hand pieces . The two other screws securing the heating element will need to be changed from the (M2.6 x 8 P2 sus) found on the FR-4001 to the longer (M2.6 x 15 P2 sus) needed for the FR-4003

Steps :

1. Remove the (3) screws securing your heating element to the grip .
(1) M2.6 x 12 / (2) M2.6 x 8

2. Remove Heater assembly from grip

Upgrading your FR-4001 to an FR-4003

3. Install new heater (A5054) onto the grip
4. Secure Heating element with the (1) M2.6 x 12 screw
5. place the motive joint onto heating element followed by the wave spring ontop
6. secure joint cover over the motive joint / wave spring and then to the heating element using (2) sems M2.6x15 screws
7. place nozzle onto heater and install new (B5221) enclosure over the nozzle .

Your handpiece is now upgraded to a FR-4003 .

HakkoUSA Knowledge Base

<https://kb.hakkousa.com/Knowledgebase/11839/Upgrading-your-FR4001-to-an-FR4...>