Probe Replacement

Aries Center Probe Interposer Replacement Instructions

Placing your hand, shipping or backing plate under the bottom of the socket, being very careful not to damage the spring probe spring bottoms.

Opening the socket lid and gently pressing the top side of the interposer around the perimeter of the device guide opening until the interposer set begins to break free from the housing.

Gently push the center of the top interposer set and the interposer set will drop out of the housing.

To insert the new interposer set, you must orient the interposer set so that the top interposer (head side of the spring probe) goes into the housing device guide opening and the bottom interposer (spring side) is on the bottom.

There is only one way that the interposer set can go into the socket, as the two alignment pins in the housing are offset from each other to prevent incorrect interposer set orientation. Find the two alignment holes in the interposer set and carefully drop the interposer set over the alignment posts and make sure the four press in holes and posts in the interposer set and housing are aligned properly.

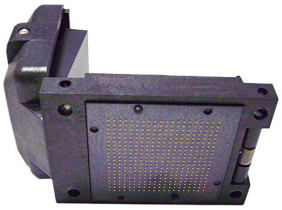
Then gently press the perimeter of the interposer set down onto the housing until it is completely seated in the housing, being careful not to touch the spring probe bottom springs.

Make sure the interposer set is seated completely and level across the housing bottom and that the spring probe springs are not damaged and you are ready to mount the sockets.

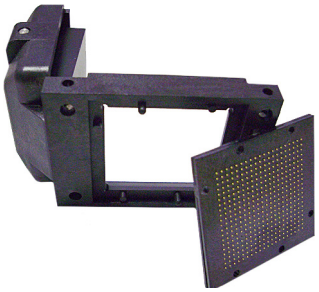
See next page for a visual Probe Replacement System

Probe Replacement System

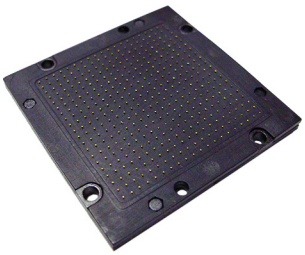
The Aries Patented Spring-Probe System allows for early probe replacement by a "push-out" / "push-in" user replaceable interposer system.



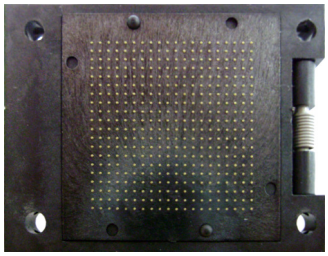
Step 1: Remove the socket from the PCB by unscrewing the mounting hardware. Be extra careful NOT to touch the bottom of the spring probes.



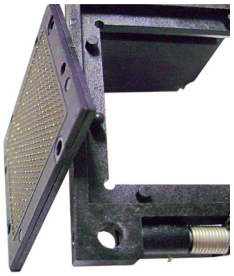
Step 2: Push probe side down onto the interposer from the base of the socket. Place the interposer aside.



Step 3: Take the new (replacement) interposer, making sure that the probe side is facing towards the top of the socket – notice the alignment pins and holes and mate them together. Apply pressure to the periphery of the interposer until it "snaps" into place. Do not worry about whether or not it's tight. This will be secured when you screw the socket down onto the PCB.



Step 4: Once the parts have been mated, carefully (again without touching the bottom of the springs) place the socket on your PCB and refasten the socket.



Step 5: Carefully repack the "old" interposer (ensuring you protect the bottom of the probes), then request an RMA from the factory. Once you have the RMA, ship the part(s) back and within two business days, you will receive your factory-refurbished interposer ready for use.