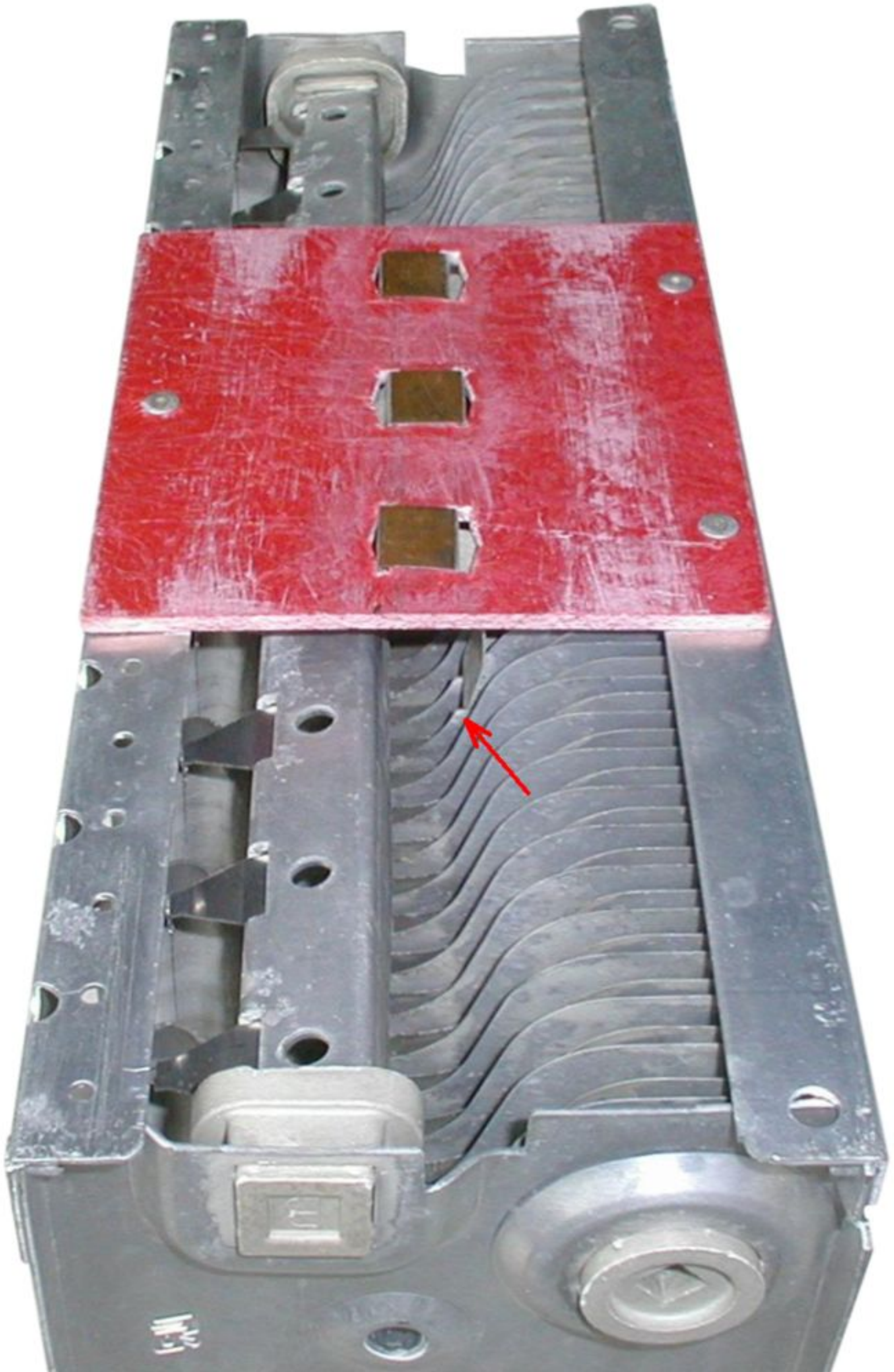


Honeywell FC37A Cell Repair

The contact pad on the FC37A series collector cell sometimes burn in to the edges of the plates. This cell is starting to show the contact burning in to the plate edges. This cell is working fine and not in need of repair but it is the most damaged cell we have for this example.



Honeywell FC37A Cell Repair

Here the contact pad has been removed (the rivets drilled out). The contact makes contact with the edge of every other cell plate. The contact energizes every other cell plate to 4 kvdc. The alternate cell plates are chassis grounded. If the edges of the plates burn down far enough, the contact will short against every plate and not every other. In the early stage it would be a source of arcing.



Honeywell FC37A Cell Repair

Mount the replacement contact pad on the opposite end of the cell where the edges have no burns (shown below). Note the cell handle included with the kit will now need to mount on the opposite end of the cell. Follow the [directions](#) included with the 4074EHG kit.

