



I am assuming that what is here is a “lug” on top of the bus stab. The image on the top shows the image zoomed in and the thermal focus tightened. This shows what appears to be the lower bus stab is hotter. This is likely where the source of the looseness is. Special care should be taken though to also inspect the bus area behind panel shows heating too. This is a very good image for the camera that you have. The bottom image also shows the area that has gone over range for this camera. Not knowing the material time we can not adjust the Emissivity but even so we have already topped out the camera temperature range. There is a potential here to have a connection that could exceed 300 or 400 degrees F. It was very good thinking to put the maximum load possible on the system to bring out the severity of the problem. I would recommend that you also check the amp load as even if you brought the load up to 150amp you are only at 75% FLA and the heating could even exceed 500+. Good find and more importantly GREAT job using your skills to take it the extra needed. This one is a potential life saver.