

# RCA projector tube leak

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Good day all!

I have a RCA P60152CK rear projection unit that appears to have a coolant leak in the green picture tube. I have removed the light box from the unit and removed the green tube and lens assembly from the light box. I know for sure it is leaking because the coolant that had accumulated in the anode cap cover ended up in my lap. :|

Anyhow, I have a decent amount of experience working on video game monitors, but this is my first foray in to projection TV repair. I have done some reading of previous posts on coolant leaks, but I'm still not 100% certian of the procedure for repairing the leak. I have seen black and copper RTV mentioned a few times, and I just want to make sure that I know what I am doing before I take this unit apart. I am assuming that to seal up the tube I have to remove the 4 bolts that hold the metal frame and lens assembly to the face of the crt and separate the crt and lens. Then I clean up the surface of the tube, lay a bead of silicone around the outside of the lens and bolt the whole thing back together. Sound about right?

It also looks like the only way I can get to the anode cap to clean and reseal it is to pull the bolts and the metal frame off anyhow.

My major concerns are a: contaminating the coolant somehow and b: putting everything back together and finding I have an air bubble in the inside of the lens.

Can someone let me know if I am on the right path for this? Any tips or tricks would be greatly appreciated.

Thanks!  
James

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