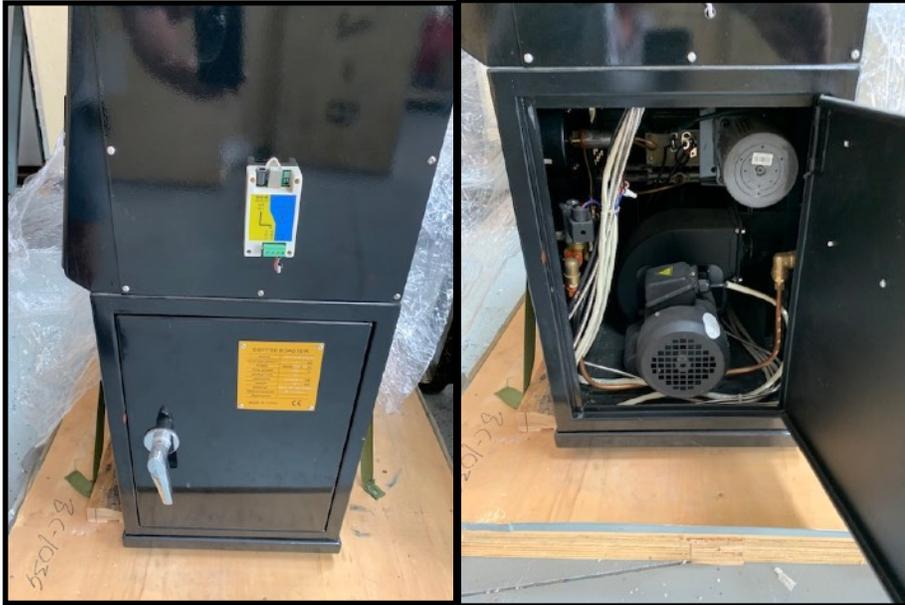


PHOENIX ORO GAS BURNER REPLACEMENT

THE SOFT-GLOW GAS BURNERS IN THE PHOENIX ROASTERS MAY NEED REPLACED EVERY 3-5 YEARS DEPENDING ON USE OF EQUIPMENT AND CONDITIONS YOUR ROASTER IS MAINTAINED AT. THIS PDF SHOWS WAYS YOU CAN CHANGE YOUR BURNER. YOU MAY FIND THERE ARE OTHER PROCEDURES YOU CAN USE THAT MAY VARY FROM THE STEPS IN THIS GUIDE.

1. Open Utility door and remove it from its latches



2. Generally it is best to remove the drum motor. Attached are pictures showing how to do so plus there is a video online (www.youtube.com/watch?v=ocZWGrSPgu0&feature=youtu.be)



TO REMOVE DRUM MOTOR: Remove the 4 bolts in back of roaster: Then rather than remove wiring you can just set drum motor on blocks of wood beside roaster



PHOENIX ORO GAS BURNER REPLACEMENT

3. Next remove firewall: 4 small hex bolts hold firewall on inside of roaster



4. At this point you can do part of the work from back utility door as well as front if you remove front panel. If you prefer to do all work from back utility door you will likely need to remove the entire burner and braces holding burner onto roaster. Before doing that you need to disconnect the gas line from burner using a #12 metric wrench and gently turning counter clockwise:



PHOENIX ORO GAS BURNER REPLACEMENT

5. At this point you can either remove burner while keeping the braces below it in place by opening up front panel and unscrewing the two screws on the front side (then unscrewing the back side by putting a long Phillips driver through vent holes in back:)



6. If the above method works for you then you will need to remove the electrical wiring from burner and to igniter needle before you can remove the burner. A #10 metric wrench and a hex key will aid in doing this. Also you will need a screwdriver to remove the black ground wire:

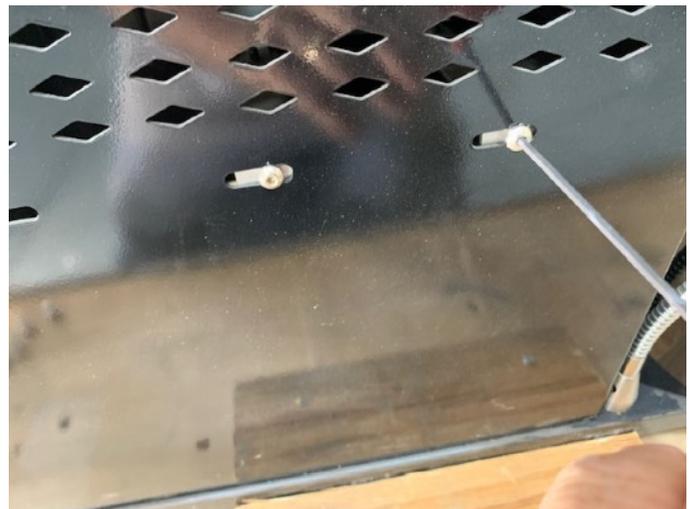


PHOENIX ORO GAS BURNER REPLACEMENT

7. If the above method works you can likely remove the old burner through the front of roaster:



8. If you find that method too difficult you can always remove burner from back utility door. If removing from back door you may need to remove the back braces that hold up the burner if you are unable to remove the 4 screws holding it to braces as shown above. To remove burner and its braces you will see two hex bolts on front and back of roaster as seen below:

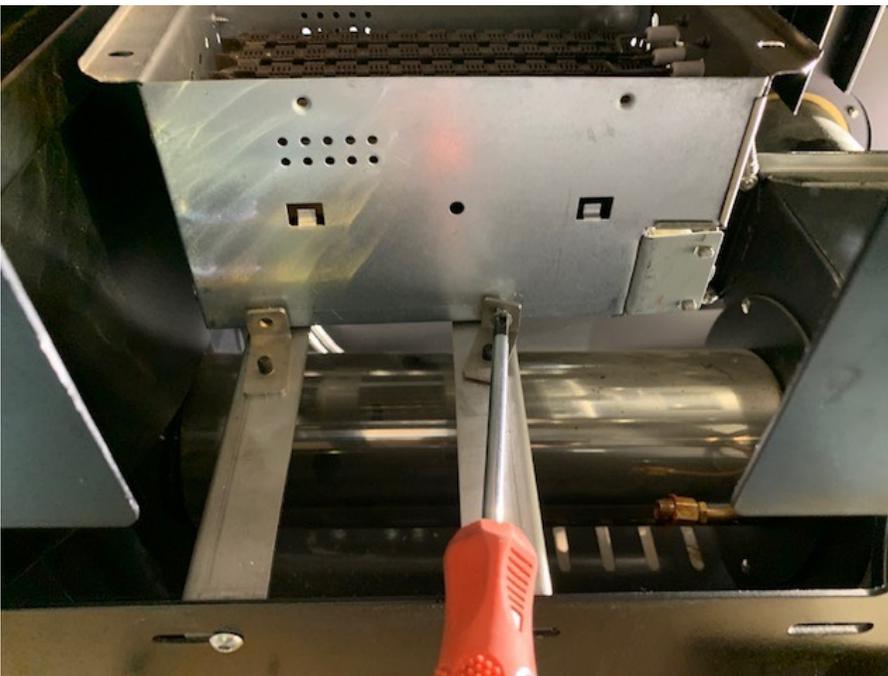


PHOENIX ORO GAS BURNER REPLACEMENT

9. But if you remove the brackets holding burner to roaster you will likely need to then remove the brackets from burner before you can get all out of roaster. Generally if you can remove burner from front of raster and leave the brackets in place this will save much time and be easier:



10. Either way you remove burner you now need to make sure the brackets that hold burner are back in place so you can replace with new burner. Then it best to install new burner through front hole of roaster and attach screws on the front side of burner:

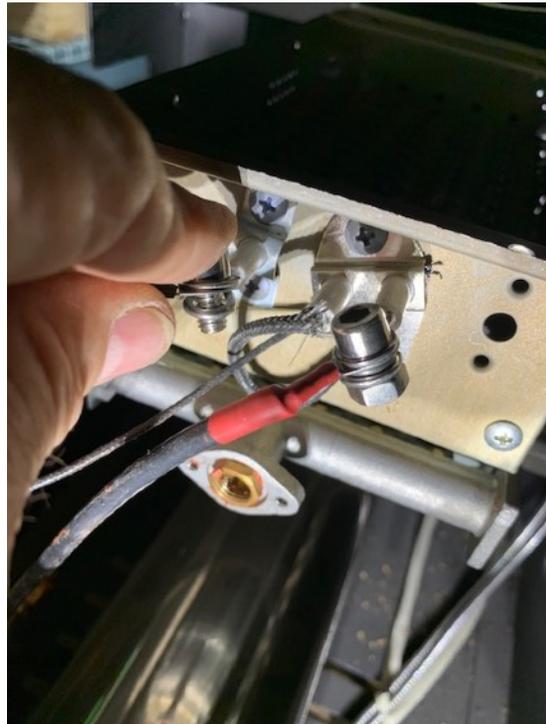


PHOENIX ORO GAS BURNER REPLACEMENT

11. Then to attach the screws to back side of burner you may be able to do this from the inside of roaster with a small screwdriver or using a bit of tape on the end of a long screwdriver you can put screws on the same way you removed them:

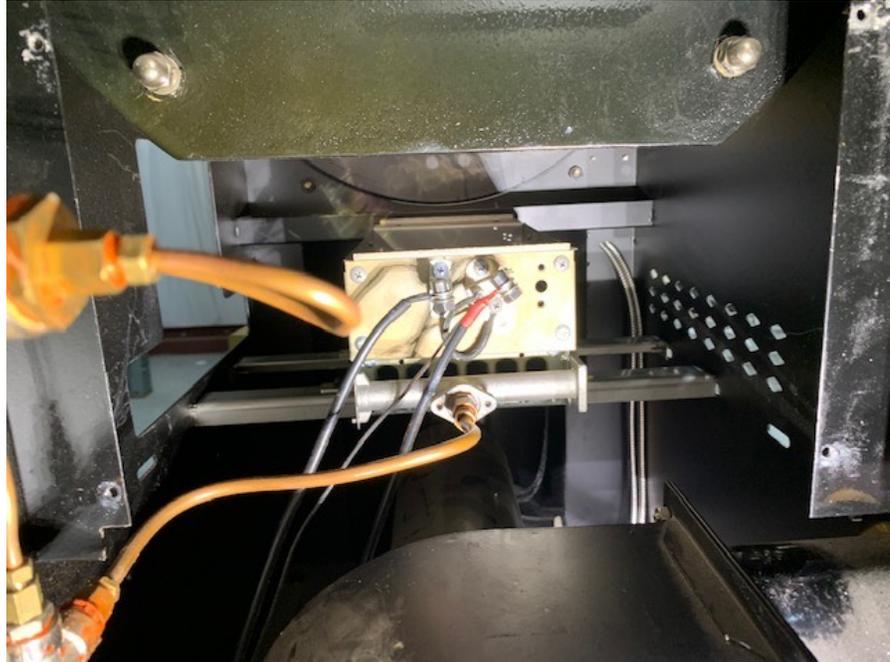


12. Reattach all the wiring (**Its always best to take pictures of all parts before removing to keep as reference when reassembling roaster**)



PHOENIX ORO GAS BURNER REPLACEMENT

13. Reattach the gas line using Leak Lock or a good sealing compound on threaded connection and do not over tighten or you could break gas line or connectors



14. Reinstall the firewall:



PHOENIX ORO GAS BURNER REPLACEMENT

15. Now it's time to reattach theorem motor. Put belt on motor and push downward on motor so belt becomes tight. Then put the 4 bolts back on motor:



16. Test roaster: Test that drum motor is not vibrating which could indicate the belt is not tight or motor is slightly out of alignment. If it is readjust.

17. Then test gas line to ensure no leaks. If all is good do a heat test before roasting.