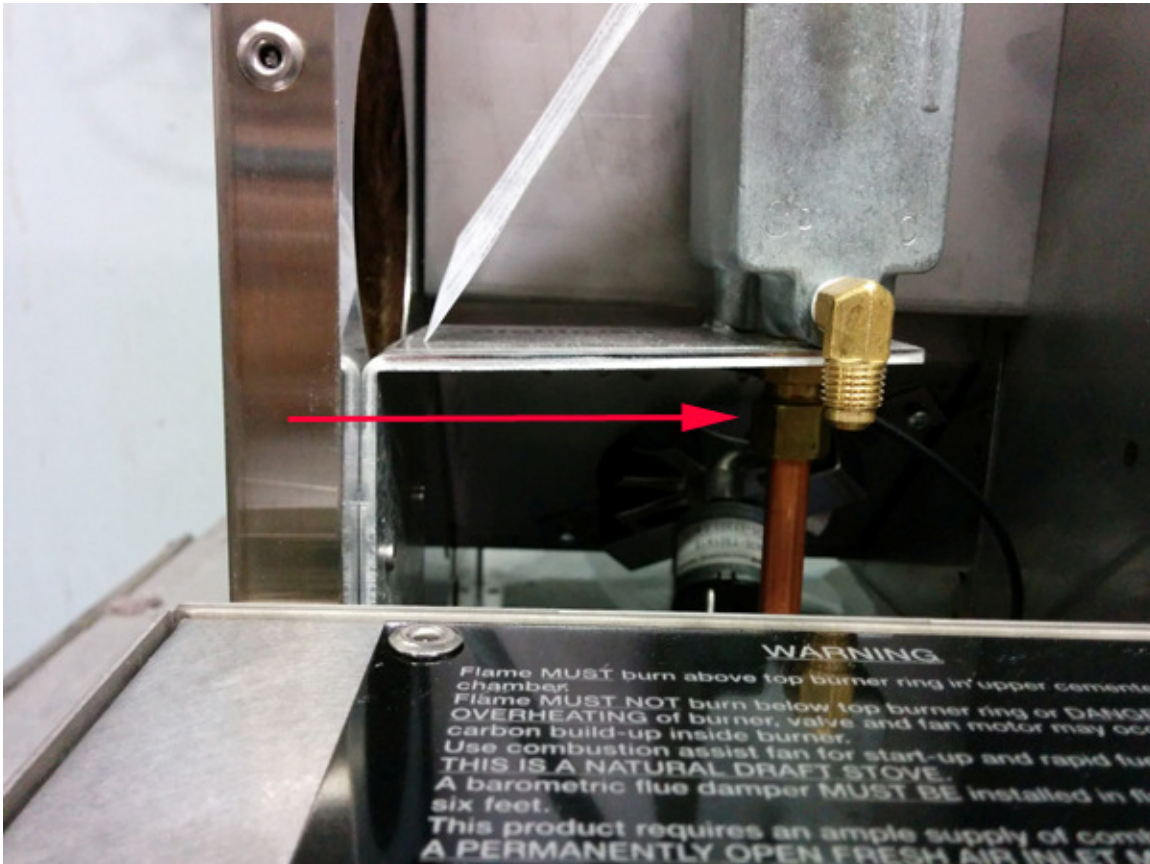
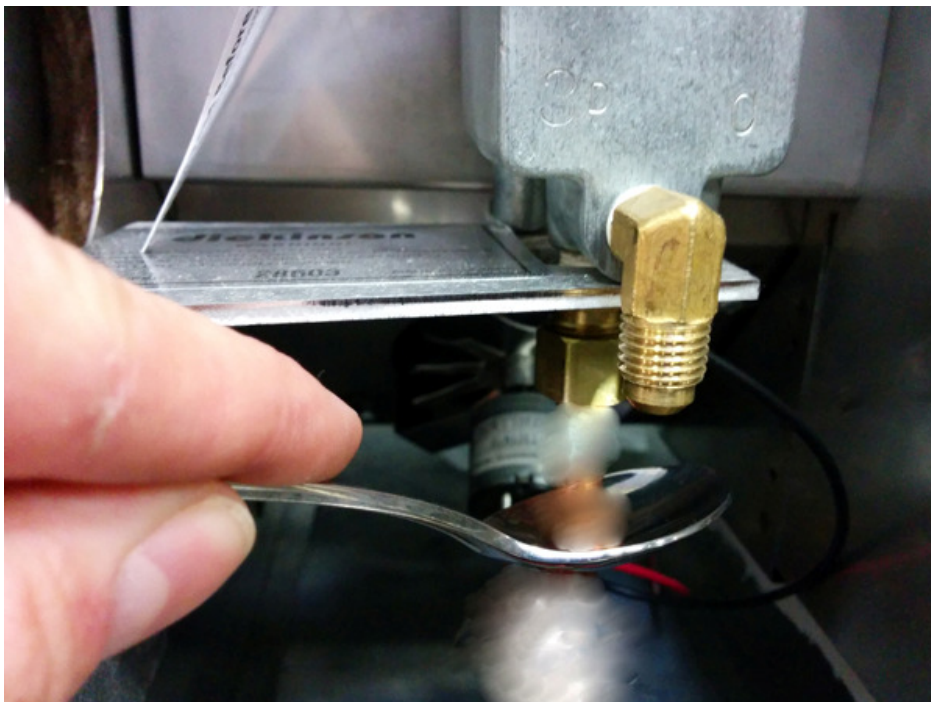


Calibrating the Oil Metering Valve

- 1) Remove the copper line at the base of the valve where the fuel leaves the valve to go to the burner



- 2) Place a teaspoon underneath the fitting and set the valve on the lowest setting.



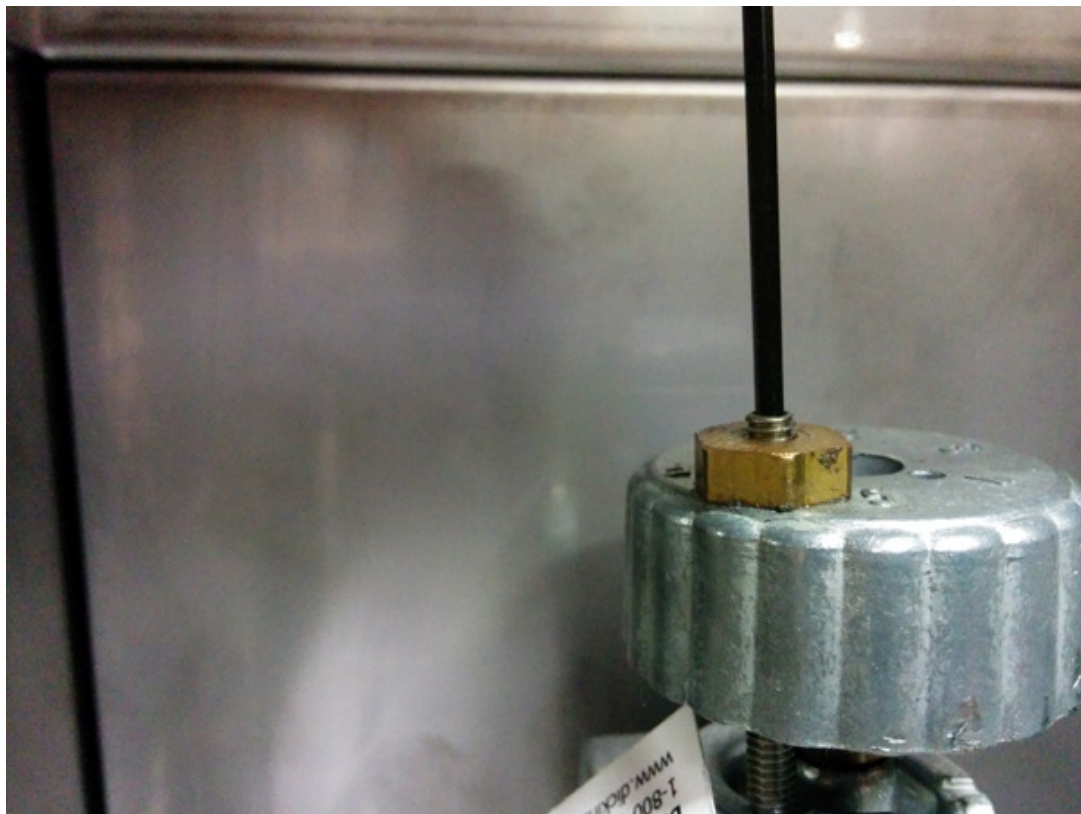
3) Time how long it takes to fill the teaspoon. The below chart gives you the correct drip rates for your particular stove.

CODE	MODEL	LOW	HIGH	FLOW	DIA
1D	100/120	90 SEC	35 SEC	3 X 8 CC	4.5"
2D	170/180	75 SEC	30 SEC	3.5 X 9 CC	5.5"
3D	200/250	60 SEC	25 SEC	4 X 10 CC	5.5"

3D	NEW/ALA	60 SEC	25 SEC	4 X 10 CC	6"
3D	ANT/LOF	60 SEC	25 SEC	4 X 10 CC	6"
3D	BRI/BER	60 SEC	25 SEC	4 X 10 CC	6"
3D	PAC/ADR	60 SEC	25 SEC	4 X 10 CC	6"
4D	ATL	50 SEC	16 SEC	5 X 15 CC	7"
5D	BEA	40 SEC	12 SEC	6 X 20 CC	7"

19,000	GEO19	50 SEC	18 SEC	5 X 13 CC	7"
32,000	GEO32	40 SEC	12 SEC	6 X 20 CC	7"
60,000	GEO60	30 SEC	6 SEC	8 X 40 CC	8"

4) If your valve is not calibrated according to the above chart then remove the set screw in the top of the knob in the brass nut to expose the adjusting screw. Use a 5/64th Allan key.



5) Turn the adjustment screw to adjust the drip rate of your valve. Clockwise to increase the drip rate and counterclockwise to decrease it.



6) Once the desired drip rate has been achieved replace the set screw in the knob. Secure the adjusting screw with a pair of pliers or vice grips to ensure that it doesn't spin while tightening the set screw. Reconnect the fuel lines to complete the repair.

