



Gas Valve Adjustment Instructions

Sonofresco Coffee Roaster

One and Two Pound Models CR1, SR1, CR1S, CR2

This document covers:

- Adjustment of the Sonofresco Coffee roaster internal gas valve.

This procedure is being provided to aid you in adjusting the internal gas pressure if frequent “E2” messages are occurring.

Symptoms:

If you are experiencing frequent “E2” messages and the inlet pressure is found to be adjusted correctly the internal gas regulator may need to be adjusted.

Verify that the inlet pressure to the roaster is correct.

Propane	11.0” water column
Natural Gas	7.0” water column

Follow this procedure to adjust the manifold pressure of the internal gas regulator.

The gas adjustment screw is accessed from the underside of the roaster on newer models and from the inside of the roaster on older models. To determine which version you have, simply look underneath the roaster, if there is a 5/8” diameter hole on the bottom plate this is where the adjustment is made. If the adjustment cannot be made from the bottom side of the roaster the back panel will need to be removed.

Suggested Tools:

- #2 Phillips screwdriver
- Regular/ flathead screwdriver (a “stubby” screwdriver works best).

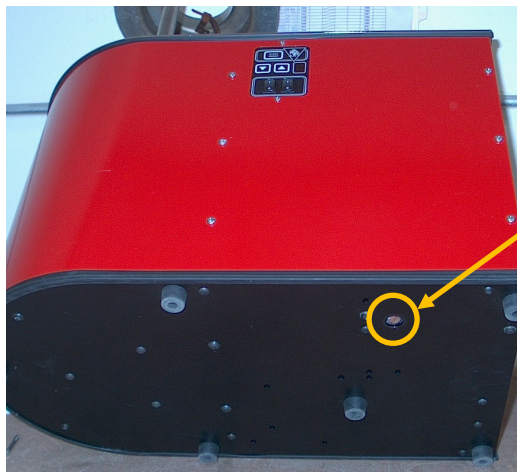


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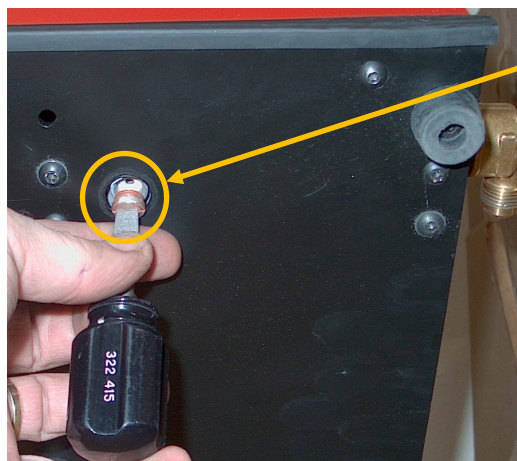
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Gas Valve Adjustment - Current Production Roasters



Tilt roaster on its side to access the valve adjustment screw.

Gas valve adjustment location



Adjustment screw dust cap

Remove the adjustment screw dust cap to gain access to the gas valve adjustment screw.



- Adjust the gas pressure up or down, depending on the symptoms, by turning the screw either clockwise or counter clockwise.
- Make adjustments in quarter turn increments at a time and perform a test roast after each adjustment until symptoms are eliminated.

Note: If the screw stops turning, bottoms out, **DO NOT TURN ANY FURTHER**, contact customer service for additional troubleshooting advice.

- To adjust Decrease pressure, turn the adjustment screw counter-clockwise.
- Replace adjustment screw cap.



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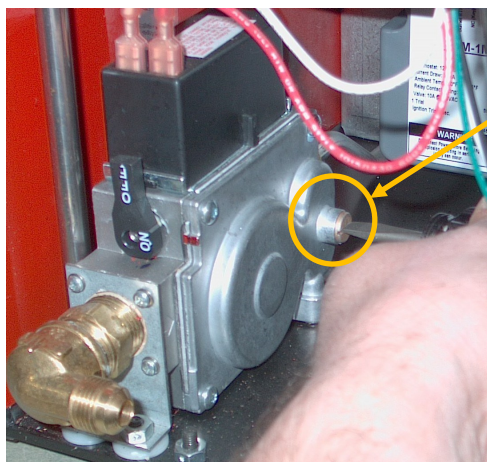
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Adjusting the Valve on Older One Pound Models

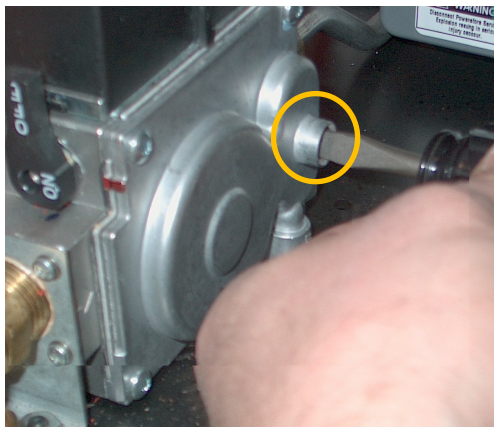


Loosen the 2 brass screws at the rear of the top panel a couple of turns to allow the back panel to be removed.

Remove 6 back panel screws using a #2 Phillips screwdriver



Remove the adjustment screw cap from the gas valve using a short “stubby” flat head screwdriver.



- Adjust the gas pressure up or down, depending on the symptoms, by turning the screw either clockwise or counter clockwise.
- Make adjustments in quarter turn increments at a time and perform a test roast after each adjustment until symptoms are eliminated.

Note: If the screw stops turning, bottoms out, **DO NOT TURN ANY FURTHER**, contact customer service for additional troubleshooting advice.

- To adjust Decrease pressure, turn the adjustment screw counter-clockwise.
- Replace adjustment screw cap.