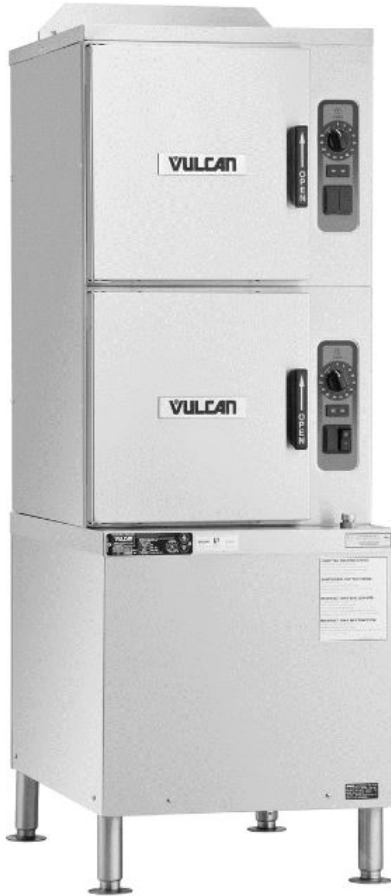




SERVICE KIT INSTRUCTION



C24GA SERIES BLOWER VALVE ADJUSTMENT

C24GA6
C24GA10

- NOTICE -

This Manual is prepared for the use of trained Hobart Service Technicians and should not be used by those not properly qualified.

This manual is not intended to be all encompassing. If you have not attended a Hobart Service School for this product, you should read, in its entirety, the repair procedure you wish to perform to determine if you have the necessary tools, instruments and skills required to perform the procedure. Procedures for which you do not have the necessary tools, instruments and skills should be performed by a trained Hobart Service Technician.

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INSTALLATION INSTRUCTIONS

C24GA BLOWER ASSEMBLY

00-913102-00314 KIT



WARNING Shut off the gas before servicing the unit and follow lockout / tagout procedures.



WARNING Disconnect the electrical power to the machine and follow lockout / tagout procedures.

1. Install blower valve assembly.
2. Check incoming gas pressure to solenoid valve.
 - A. Loosen screw (1, [Fig. 1](#)) with flat head screwdriver to open pressure tap.

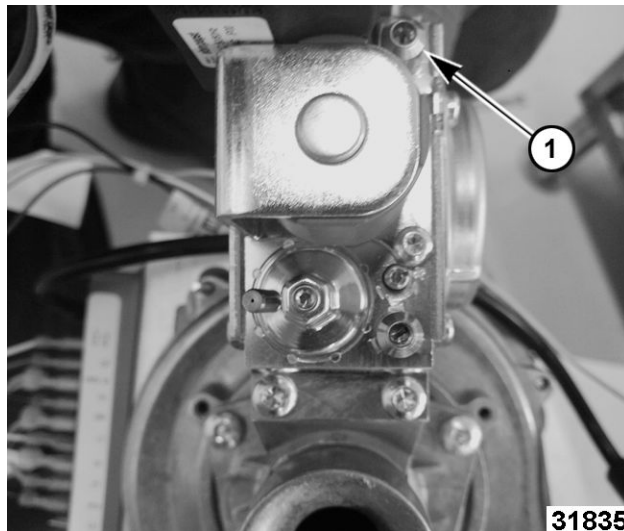


Fig. 1

- B. Use manometer to measure incoming gas.
 - Natural Units - 5" W.C.
 - Propane Units - 10" W.C.
- C. Turn adjustment screw (1, [Fig. 2](#)) all the way in until it bottoms out.

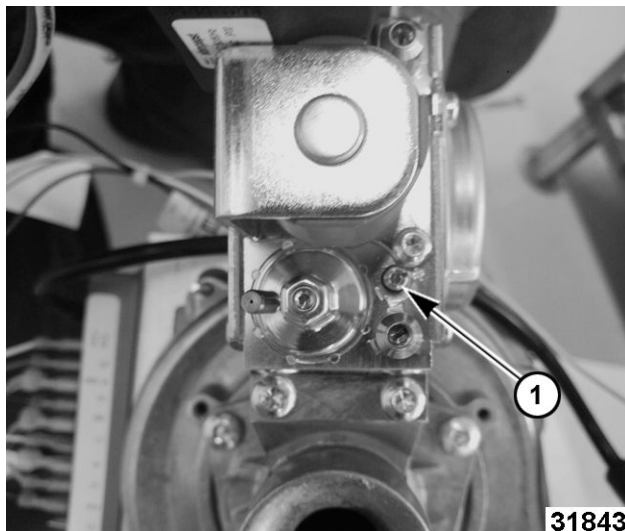


Fig. 2

D. Back adjustment screw out.

- Natural Units - 6 to 6 ½ Turns.
- Propane Units - 5 to 5 ½ Turns.

3. Analyze combustion.

A. Insert analyzer (1, Fig. 3) into exhaust flue (2, Fig. 3) as shown.

NOTICE Analyzer wand must be in center of exhaust flue and at least 2" down into flue.

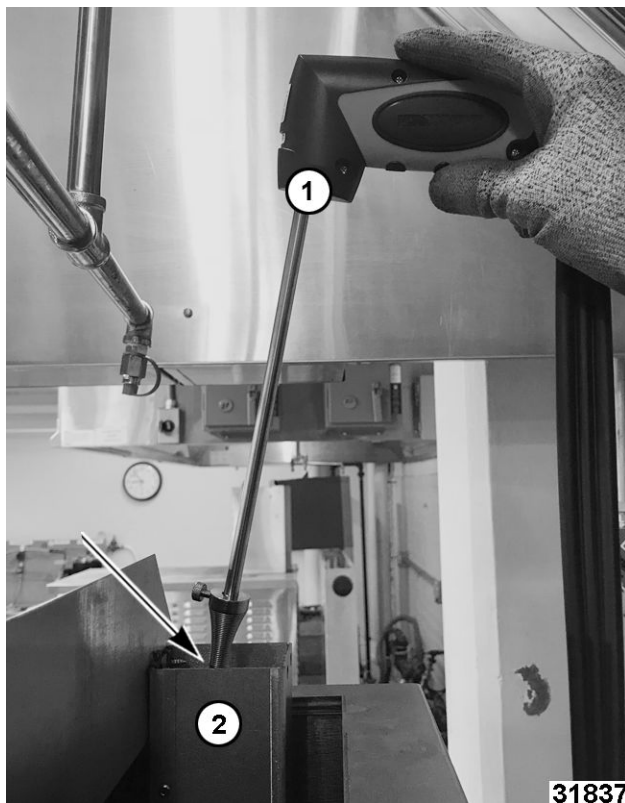


Fig. 3

B. Verify requirements.

Burner Combustion Requirements		
Measure	Natural Gas	Propane Gas
Supply Pressure	7.0" to 10.5" W.C.	11.0" to 13.0" W.C.
CO ₂ Percentage	7.0% (+/- 0.5%)	8.0% (+/-0.5%)
CO (ppm, Air Free)	Less than 100 ppm	Less than 100 ppm

C. Turn gas valve adjustment screw clockwise or counterclockwise to achieve burner combustion requirements.

4. Install mylar sheet with mounting nuts in bottom of control panel existing bolt holes over motor.

NOTICE Mylar sheet must be installed to protect electrical connections.

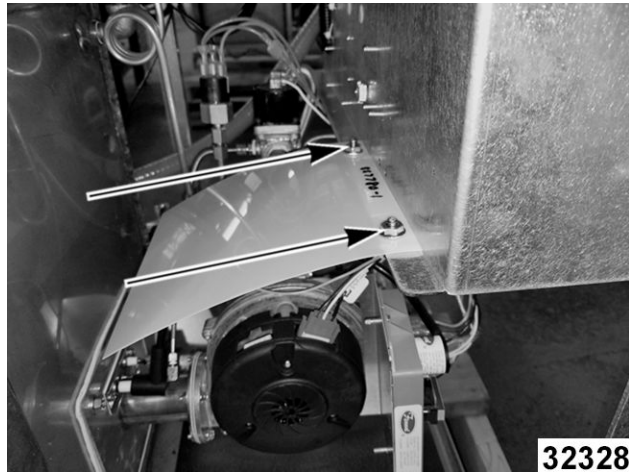


Fig. 4

5. Install front panel.
6. Verify operation.