

FSANG1 / FSANG2: LP TO NG CONVERSION KIT INSTRUCTION MANUAL

Models: F27S (FSANG1) and F36S (FSANG2)

Items Included:

- 1 - 10ft NG Hose
- 1 - 1/2" Quick Disconnect Hose Fitting
- 1 - NG Valve Manifold with 1.85mm Orifice Size.

Items Needed:

- 1 - Phillips Head Screwdriver
- 1 - 8mm or Adjustable Wrench
- 1- Leak Test Solution

Connection: Operating pressure: 7.0" W.C.

Burner Rating: 20,000 BTU/hr per burner

⚠ WARNING:

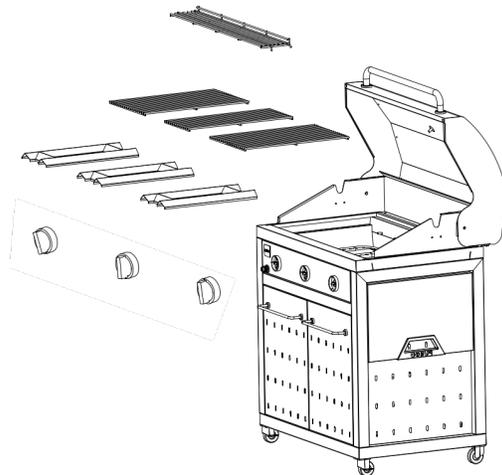
This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency is responsible for proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied with the kit.

⚠ CAUTION:

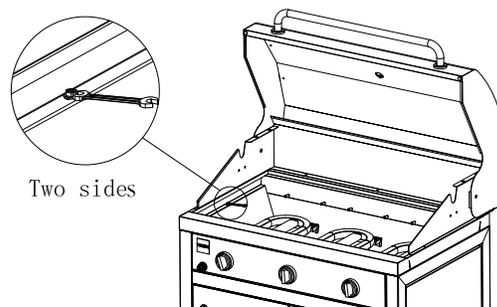
Before proceeding with the conversion, shut off the gas supply to the appliance prior to disconnecting the electrical power.

Assembly Instructions:

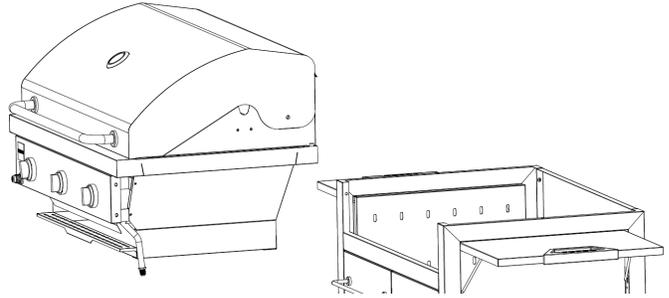
- A. Remove the warming rack, cooking grates, diffuser panels and control knobs from the firebox assembly.



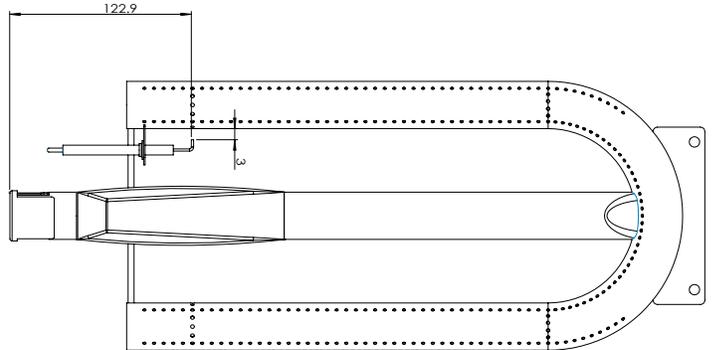
- B. Remove the x2 hex screws securing the firebox to the cart using an 8mm wrench.



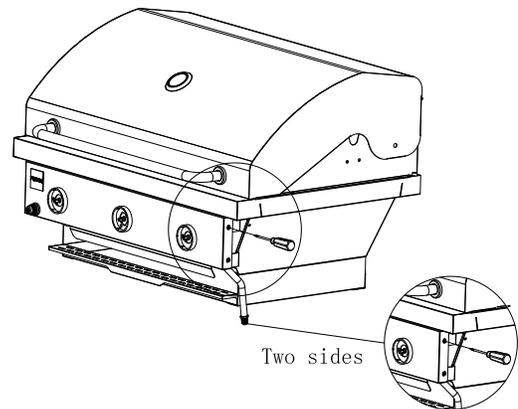
- C. Lift the firebox assembly off of the cart.
Suggest x2 people for this task.



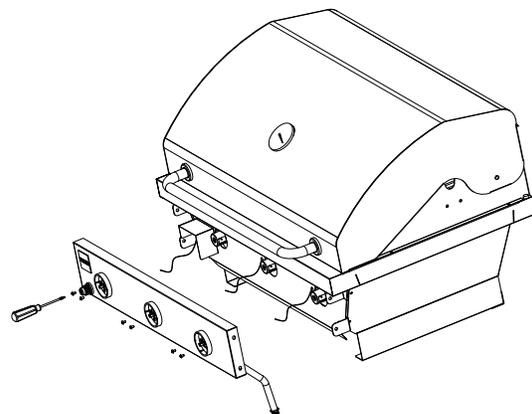
- D. Inspect the burner and igniter assembly to ensure proper fit of the control valve manifold. When re-installing the fit should be the same. When properly fitted, the burner attachment screws will insert easily and not need to be forced.



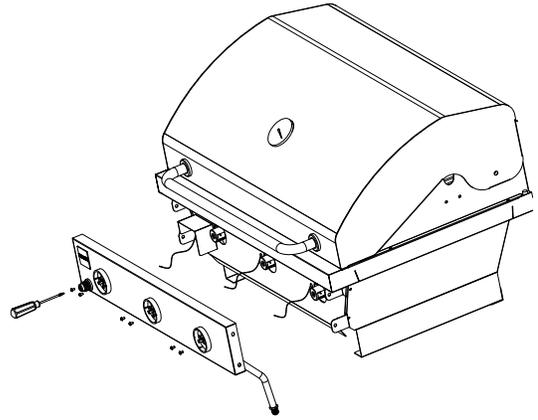
- E. Remove the x4 Phillips head screws securing the control panel to the firebox assembly. Please note not to damage the ignition wires connected to the battery pack on the control panel.



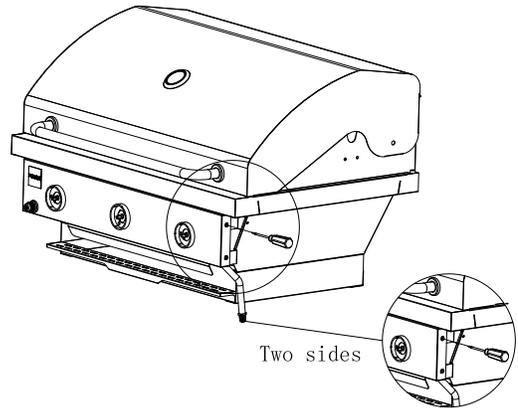
- F. Remove the control valve manifold assembly from the control panel. Note that each valve is held in place with x2 Phillips head screws.



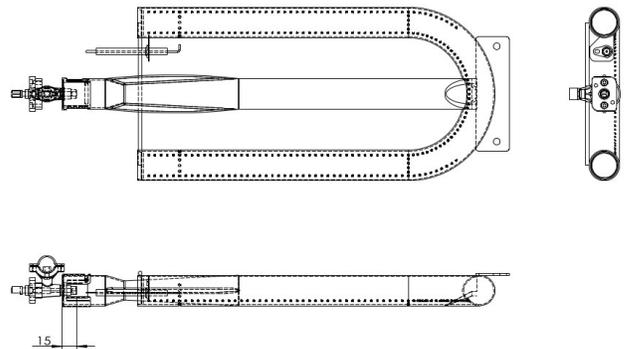
- G. Swap out the valve manifold assembly for the new NG assembly. Each valve is held in place with x2 Phillips head screws. Please note that the NG control valve manifold is marked with a RED sticker and uses 1.85mm Orifices.



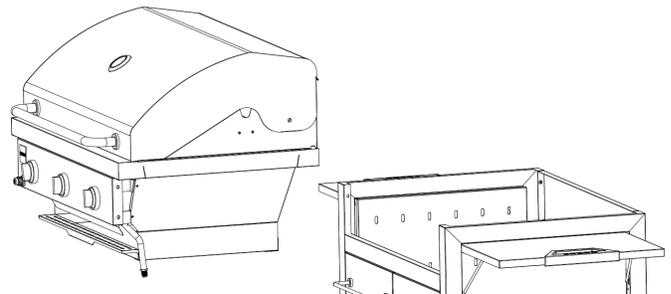
- H. Re-Install the x4 Phillips head screws securing the control panel to the firebox assembly. Please note not to damage the ignition wires when re-installing this panel



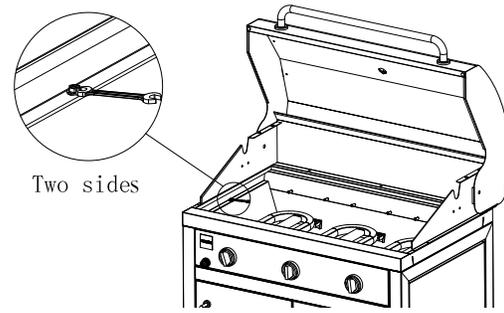
- I. Check the fit of the burner to the control valve to ensure proper fit. Test the ignition on each burner to make sure all are working properly.



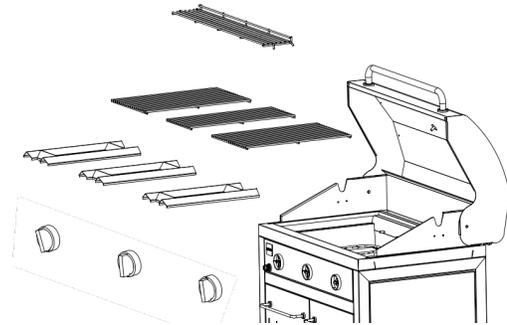
- J. Lift the firebox assembly onto the cart assembly. Suggest x2 people for this task.



- K. Re-Install the x2 hex screws securing the firebox to the cart using an 8mm wrench.



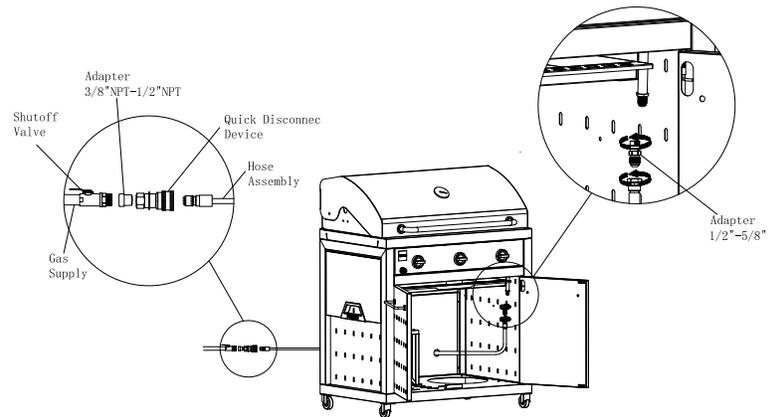
- L. Re-Install the warming rack, cooking grates, diffuser panels and control knobs to the firebox assembly.



- M. Connect a manual shut-off valve to gas supply line. Apply sealing compound to pipe thread tape of the time resistant to the action of natural gas on all male pipe threads. Connect the Quick Disconnect Socket to the manual shut-off valve at the gas supply.

The Quick Disconnect must not be installed in an upward direction and a readily accessible manual shutoff valve must be installed upstream of and as close to the Quick Disconnect as possible.

Pull back the sleeve on the Quick Disconnect socket and insert the nipple at the end of the Natural Gas hose and release the sleeve to connect the gas supply.



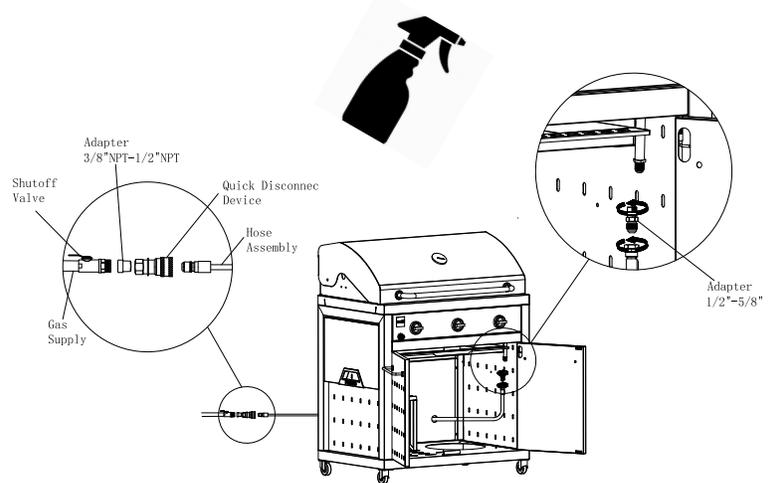
- N. Affix the label as close as possible to the original rating label on the appliance. The data entered shall be permanent and legible.

Fuego Living LLC
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MODEL NO. (MODÈLE N°): F27S F36S
 INPUT / ENTRÉE: 40,000 BTU/HR 60,000 BTU/HR
 TYPE OF GAS / TYPE DE GAZ: NG 7" W.C. Pressure (1.74 MPa)
 ORIFICE SIZES: NG Valve (1.85mm) / LPG Valve (1.27mm)
 CONVERSION KIT: FSANG1

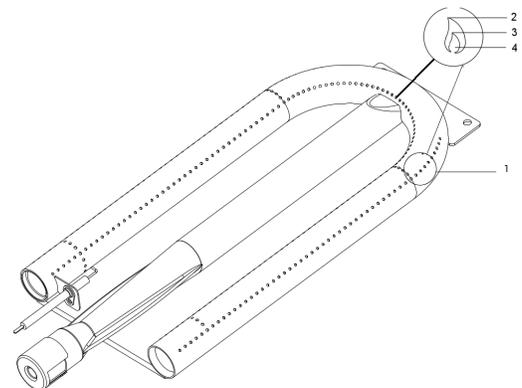
This appliance was converted on _____ (day-month-year) to Natural Gas with kit number FSANG1 by _____ (name and address of organization making this conversion), which accepts the responsibility that this conversion has been properly made.

- O. Leak Testing - Make sure all control valves are in the "OFF" position. Turn the gas supply "ON". Check all connections from the supply line up to and including the manifold pipe assembly. Apply the soap solution around the connection, valve, tubing and end of the manifold. Soap bubbles will appear where a leak is present. If a leak is present, immediately turn off gas supply, tighten any leaking connections, turn gas on, and recheck. Check all the gas connections at the base of the control valves where they screw into the manifold pipe. If you cannot stop a gas leak, turn off the gas supply and call your local gas utility or Fuego customer service at 888-88FUEGO (38346).



- P. The factory burners have been set for the correct air and gas mixture. The correct flame pattern is shown in the figure to the left. Please inspect at each and every use.

1. Burner tube
2. Tips occasionally flicker yellow
3. Light blue
4. Dark blue



NOTE: Do not use natural gas orifices with an LP gas tank or LP gas orifices with natural gas. Do gas leakage testing after per conversion. Please note the Gas Hook-Up, Danger, and Warnings pages in the manual for more information.