

**ATTENTION INSTALLERS**  
**ELEVATION CONVERSION KITS FOR**  
**NATURAL & PROPANE GAS**

**FOR USE ON ALL VULCAN AND HOBART GAS FRYERS**

NOTE: THIS UNIT HAS BEEN EQUIPPED WITH STANDARD GAS  
ORIFICES FOR SEA LEVEL ELEVATION INSTALLATIONS.

IF THIS UNIT IS INSTALLED AT AN ELEVATION HIGHER THAN  
2000 FEET ABOVE SEA LEVEL, THIS UNIT WILL NEED TO BE  
MODIFIED WITH ONE OF THE ORIFICE ACCESSORY KITS LISTED  
BELOW.

ONE KIT PER FRYER TANK SECTION WILL BE REQUIRED

<b><u>PART NUMBER:</u></b>	<b><u>DESCRIPTION:</u></b>
497481-G1	Elevation Kit, Nat. Acc. VULCAN
497481-G2	Elevation Kit, Pro. Acc. VULCAN
497481-G3	Elevation Kit, Nat. Acc. HOBART
497481-G4	Elevation Kit, Pro. Acc. HOBART

**Altitude Definitions:**

2001-3499 ft.  
3500-5499 ft.  
5500-7499 ft.  
7500-9499 ft.

**Natural Gas:**

#41  
#42  
#43  
#44

**Altitude Definitions:**

3500-6499 ft.  
6500-8499 ft.

**Propane Gas:**

#53  
#54

SEE ATTACHED INSTRUCTION SHEET FOR INSTALLATION

## INSTALLATION INSTRUCTIONS FOR ELEVATION KIT:

**WARNING:** THE GAS SUPPLY MUST BE SHUT OFF TO THE APPLIANCE BEFORE BEGINNING THIS PROCEDURE.

**WARNING:** DISCONNECT THE ELECTRICAL POWER TO THE MACHINE BEFORE BEGINNING THIS PROCEDURE.

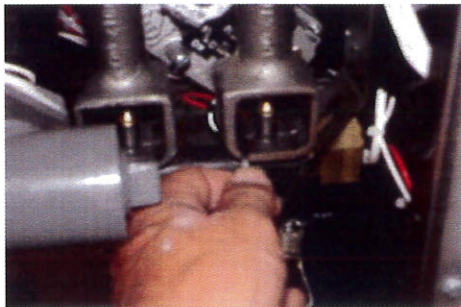
### TOOLS REQUIRED:

WIRE CUTTERS  
1/4" DRIVE RATCHET WITH  
5/16" DEEP WELL SOCKET  
CHANNEL LOCK PLIERS

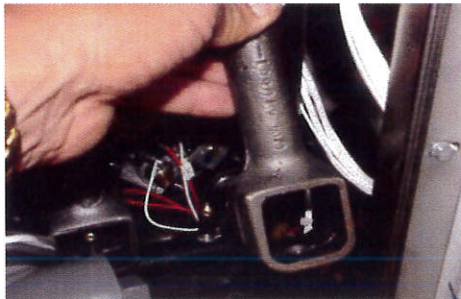
### CONTENTS OF KIT:

1. BURNER ORIFICE KIT NATURAL GAS (includes orifices that cover up to 9500 ft el)
2. BURNER ORIFICE KIT PROPANE GAS (includes orifices that cover up to 9500 ft el)

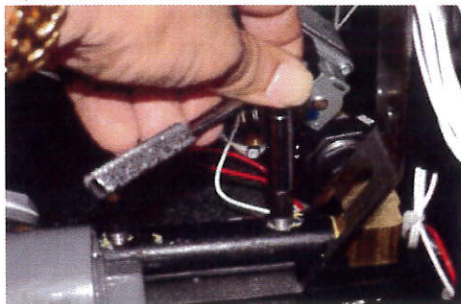
1. Open the door to the fryer being serviced.
2. Using a pair of wire cutters, remove the shipping ties on each of the burners and discard.



3. Lift the gas burner on the right side up and tilt the top of the burner towards the fryer until it clears the gas orifice extension at the bottom. Remove the remaining burners from the unit in the same manner. Note: On filtering system battery fryers, allow the two burners on the left to remain behind the gas manifold in the unit.

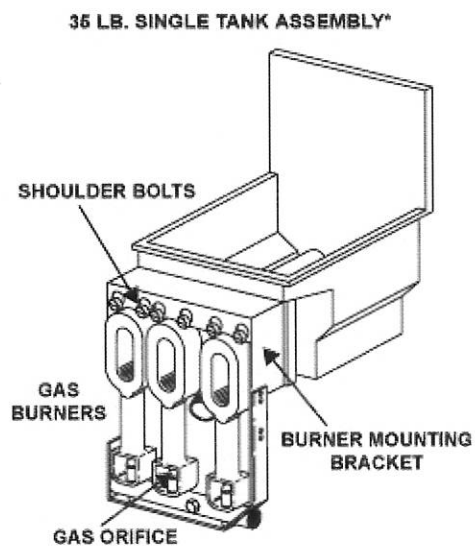


4. Using a 5/16 deep well socket, remove the orifice from each gas orifice extension. **Note:** If the gas orifice extension starts to turn, hold the extension in place with a pair of channel lock pliers and remove the brass orifice only.



5. Select the correct size orifices based on elevation required. Install the orifices from the Elevation Kit in the reverse procedure. Do not over tighten or use pipe sealer on brass orifices.
6. Reinstall the burners. Ensure that all burners are in place over the gas orifice extensions and the shoulder bolts at the top of the burners are in the keyhole slots on the burner mounting bracket. **NOTE: Each Burner is installed correctly when you cannot tilt, lean or turn the burner.**

## **INSTALLATION INSTRUCTIONS FOR ELEVATION KIT:**



7. Using a permanent marker, fill out the information on the Conversion Label (supplied in the kit), Altitude and Orifice Size and apply the label to the door of the fryer.