



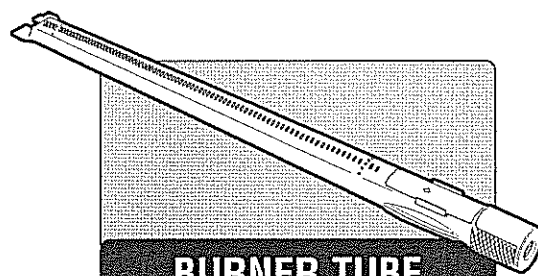
GENESIS

BURNER TUBE REPLACEMENT INSTRUCTIONS

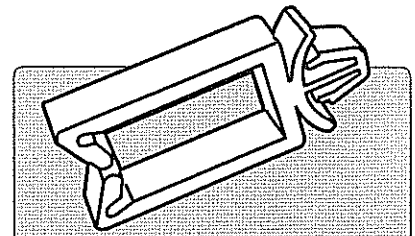
**THIS PROCEDURE SHOULD ONLY BE PERFORMED BY AN AUTHORIZED
WEBER-STEPHEN PRODUCTS LLC SERVICE TECHNICIAN**

⚠ WARNING: GENUINE WEBER-STEPHEN REPLACEMENT PARTS MUST BE USED FOR ANY REPAIR OR REPLACEMENT. YOUR ACTIONS, IF YOU FAIL TO FOLLOW THIS PRODUCT WARNING, MAY CAUSE A FIRE, AN EXPLOSION, OR STRUCTURAL FAILURE RESULTING IN SERIOUS PERSONAL INJURY OR DEATH AS WELL AS DAMAGE TO PROPERTY. (WILL VOID ALL WARRANTY PROTECTION.)

⚠ DANGER: BEFORE PERFORMING ANY WORK MAKE SURE THE GAS SUPPLY IS TURNED OFF AT THE SOURCE. FAILURE TO FOLLOW DANGERS, WARNINGS AND CAUTIONS CONTAINED IN THIS INSTRUCTION SHEET MAY CAUSE A FIRE OR AN EXPLOSION RESULTING IN SERIOUS PERSONAL INJURY OR DEATH AS WELL AS DAMAGE TO PROPERTY.



**BURNER TUBE
REPLACEMENT**



**IGNITER
WIRE CLIPS
REPLACEMENT**

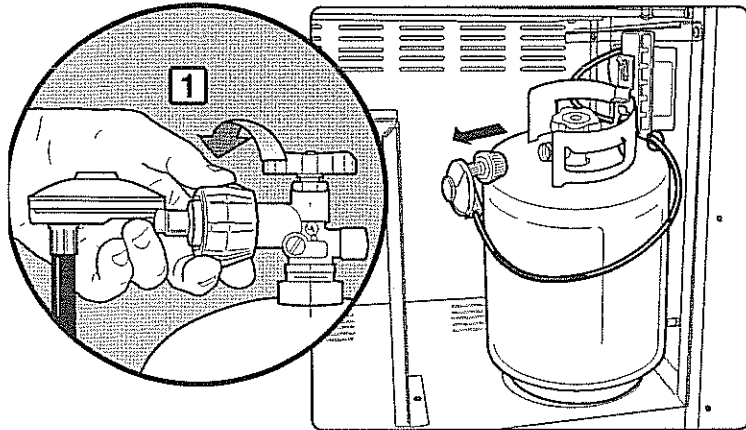
⚠ BEFORE STARTING: Make sure lid is closed and casters are locked to prevent grill from moving.

1

HOSE FROM GAS SOURCE DISCONNECTION

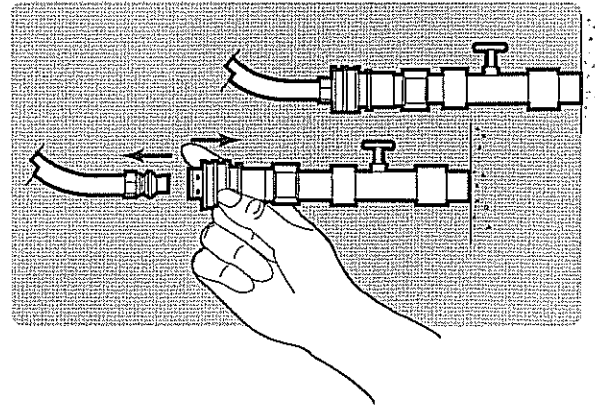
FOR LP UNITS:

- 1) Unscrew regulator coupling from tank valve; turn counter-clockwise, or to the left (1).
- ⚠ WARNING:** Do not use a wrench to loosen connection. Using a wrench could damage regulator coupling and could cause a leak.



FOR NG UNITS:

- A) Slide back collar of the quick-disconnect to remove hose from gas source.

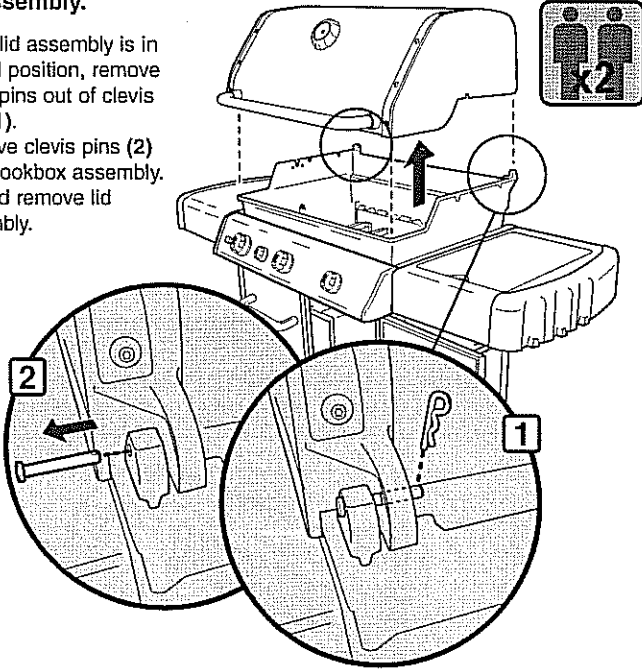


2

LID ASSEMBLY REMOVAL

⚠ **CAUTION:** Two people are required to lift and remove lid assembly.

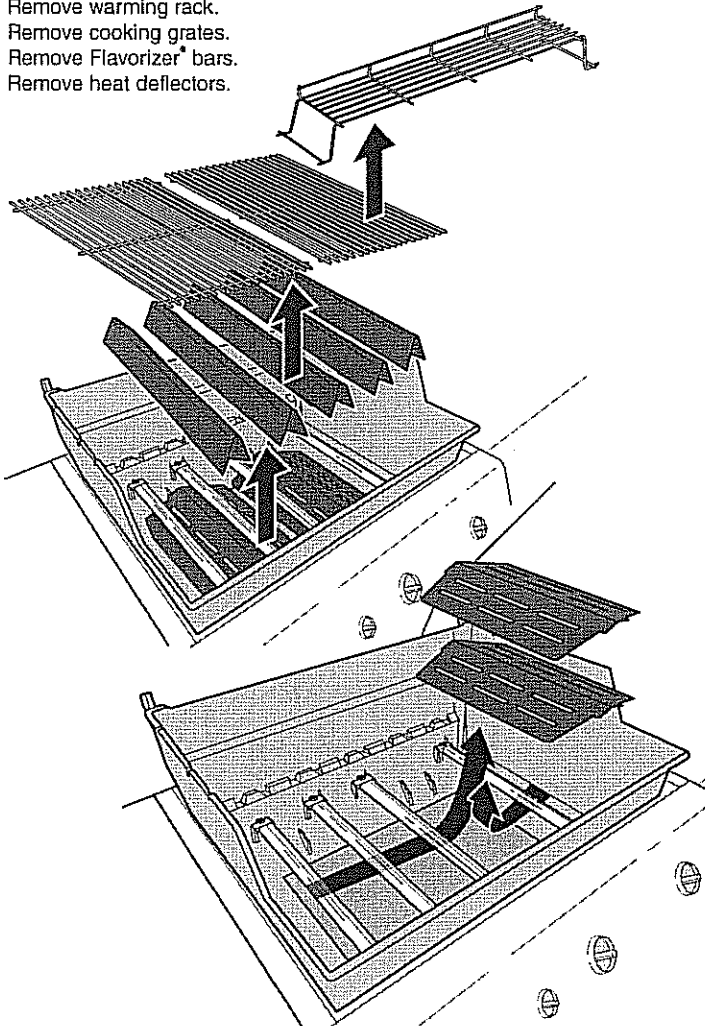
- While lid assembly is in closed position, remove cotter pins out of clevis pins (1).
- Remove clevis pins (2) from cookbox assembly.
- Lift and remove lid assembly.



3

COOKBOX COMPONENTS REMOVAL

- Remove warming rack.
- Remove cooking grates.
- Remove Flavorizer® bars.
- Remove heat deflectors.



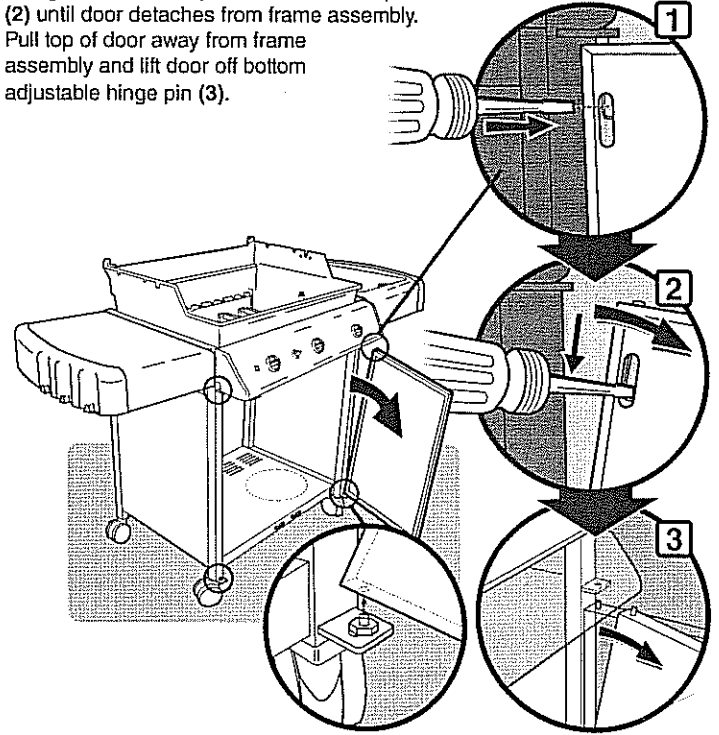
4

DOOR REMOVAL

TOOLS NEEDED:

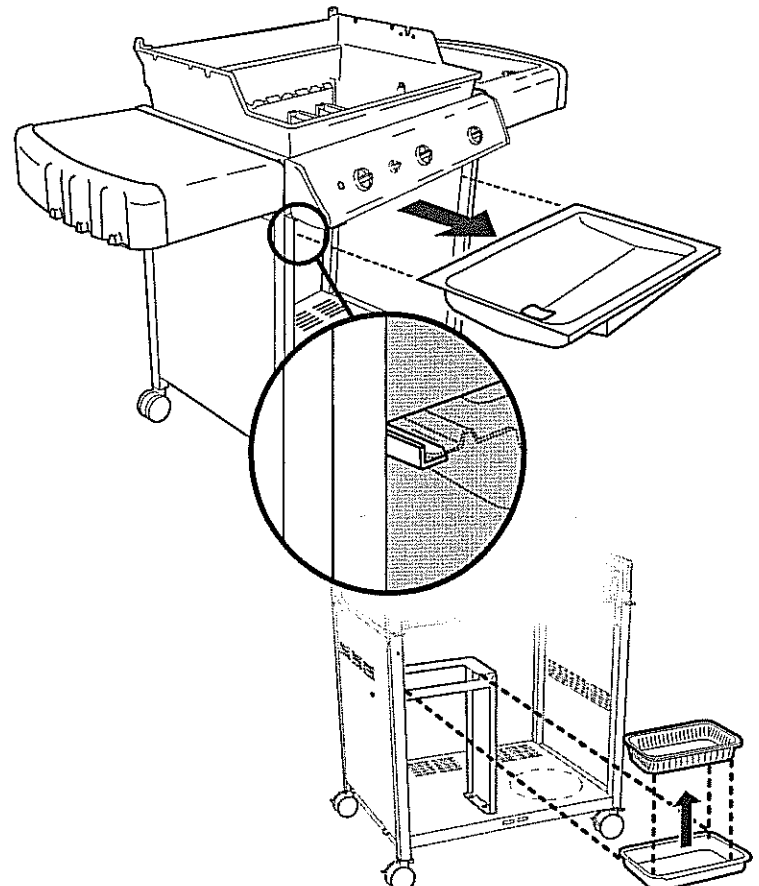


- Locate door pin release in door assembly (1).
- Using a screwdriver, push down on door pin release (2) until door detaches from frame assembly.
- Pull top of door away from frame assembly and lift door off bottom adjustable hinge pin (3).



5

GREASE TRAY / DRIP PAN REMOVAL



6

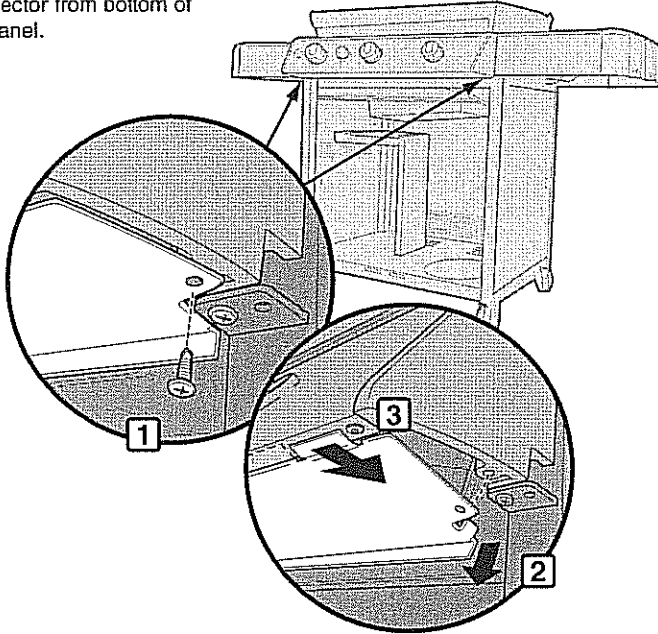
WIND DEFLECTOR REMOVAL

TOOLS NEEDED:



- PHILLIPS

- 1) Locate Phillips head screws under control panel.
- 2) Remove screws that secure wind deflector to control panel (1) with a Phillips head screwdriver.
- 3) Slide back edge of wind deflector down (2) to unlock alignment tabs.
- 4) Slide front edge of wind deflector back towards grill frame (3) and remove wind deflector from bottom of control panel.



7

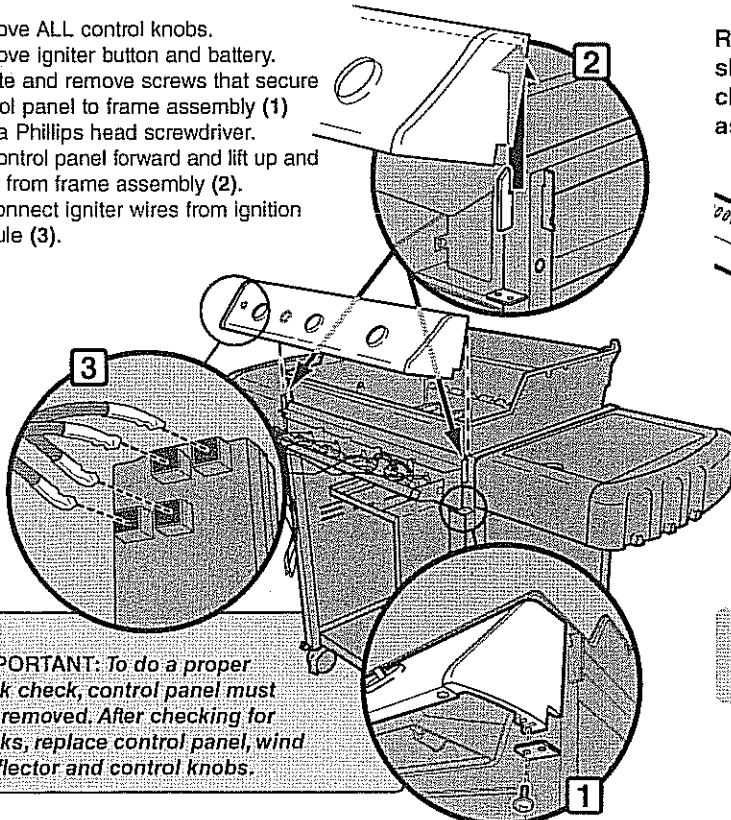
CONTROL PANEL REMOVAL

TOOLS NEEDED:



- PHILLIPS

- 1) Remove ALL control knobs.
- 2) Remove igniter button and battery.
- 3) Locate and remove screws that secure control panel to frame assembly (1) with a Phillips head screwdriver.
- 4) Tilt control panel forward and lift up and away from frame assembly (2).
- 5) Disconnect igniter wires from ignition module (3).



△ IMPORTANT: To do a proper leak check, control panel must be removed. After checking for leaks, replace control panel, wind deflector and control knobs.

8

BURNER TUBE REMOVAL

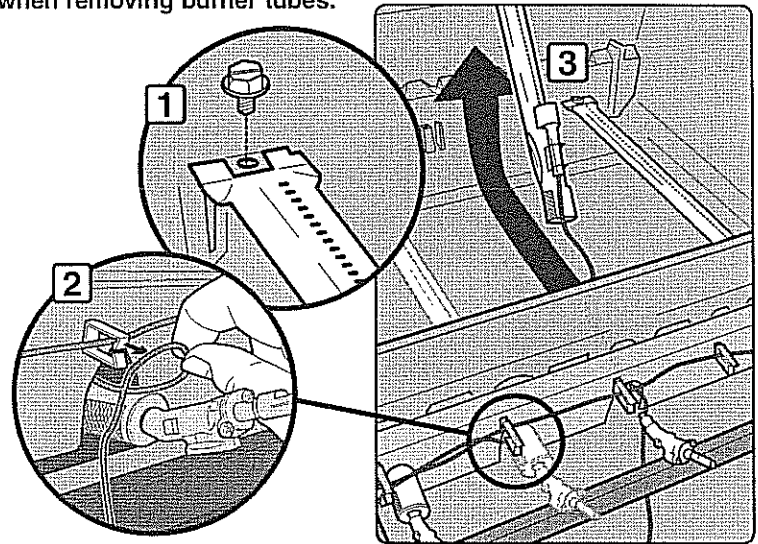
TOOLS NEEDED:



- 5/16" NUT-DRIVER

- A) Remove screws that secure burner tubes to cookbox (1) using a 5/16" nut-driver.
- B) Remove igniter electrode wires from wire harness clips (2).
- C) Slide burner tube and igniter electrode out from inside of cookbox (3).

REMOVAL NOTE: Be careful not to disconnect igniter electrode assembly from mounting bracket on burner tube when removing burner tubes.

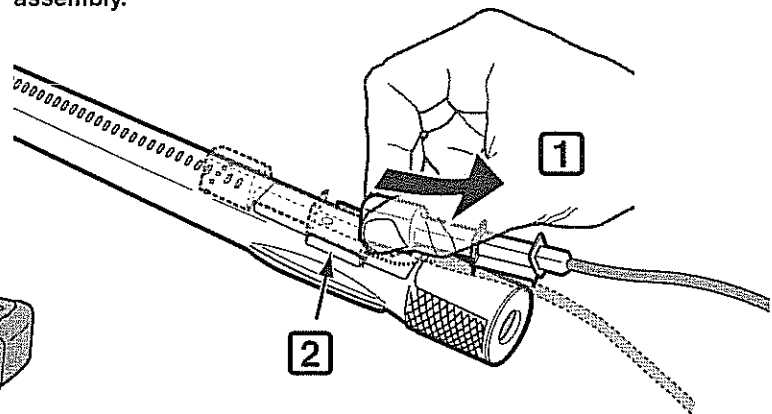


9

IGNITER ELECTRODE REMOVAL

- A) Remove igniter electrode assembly (1) from the mounting bracket (2) located on burner tube.
- B) Grip igniter electrode and metal igniter bracket, pull back on igniter electrode assembly and remove it from mounting bracket on burner tube.

REMOVAL NOTE: If igniter electrode assembly does not easily slide out from mounting bracket, use a small pair of pliers or channel locks to grasp metal igniter bracket of igniter electrode assembly.



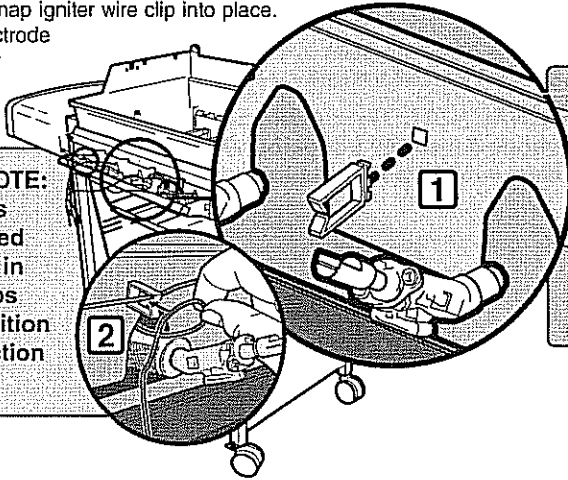
• REPLACEMENT PART INSTALLATION

10 IGNITER WIRE CLIP INSTALLATION

IMPORTANT NOTE: This step only needs to be done if one or more igniter wire clips are missing from manifold assembly.

- A) Slide igniter wire clip into square hole in heat shield (1).
- B) Press firmly to snap igniter wire clip into place.
- C) Slide igniter electrode wires into igniter wire clips (2).

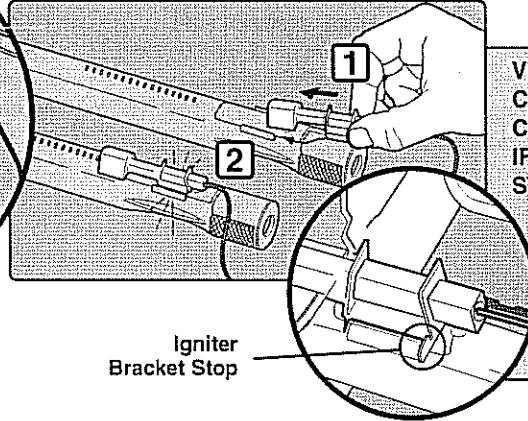
IMPORTANT NOTE: All igniter wires must be installed and supported in igniter wire clips in order for ignition module to function properly.



11 IGNITER ELECTRODE REINSTALLATION

A) Slide igniter electrode (1) into the burner tube mounting bracket (2).

REASSEMBLY NOTE: DO NOT USE ANY TOOLS TO INSTALL IGNITER ELECTRODE — JUST YOUR FINGERS. INSTALL IGNITER ELECTRODE INTO MOUNTING BRACKET LOCATED ON EACH BURNER TUBE. PUSH IGNITER ELECTRODE IN UNTIL YOU HEAR A SNAP OR FEEL IT LOCK INTO PLACE.

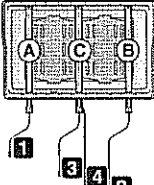
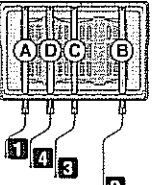


VISUAL INSPECTION CAN BE DONE BY CHECKING TO SEE IF IGNITER BRACKET STOP ON LEFT BACK SIDE OF IGNITER ELECTRODE IS EVEN WITH BURNER TUBE MOUNTING BRACKET.

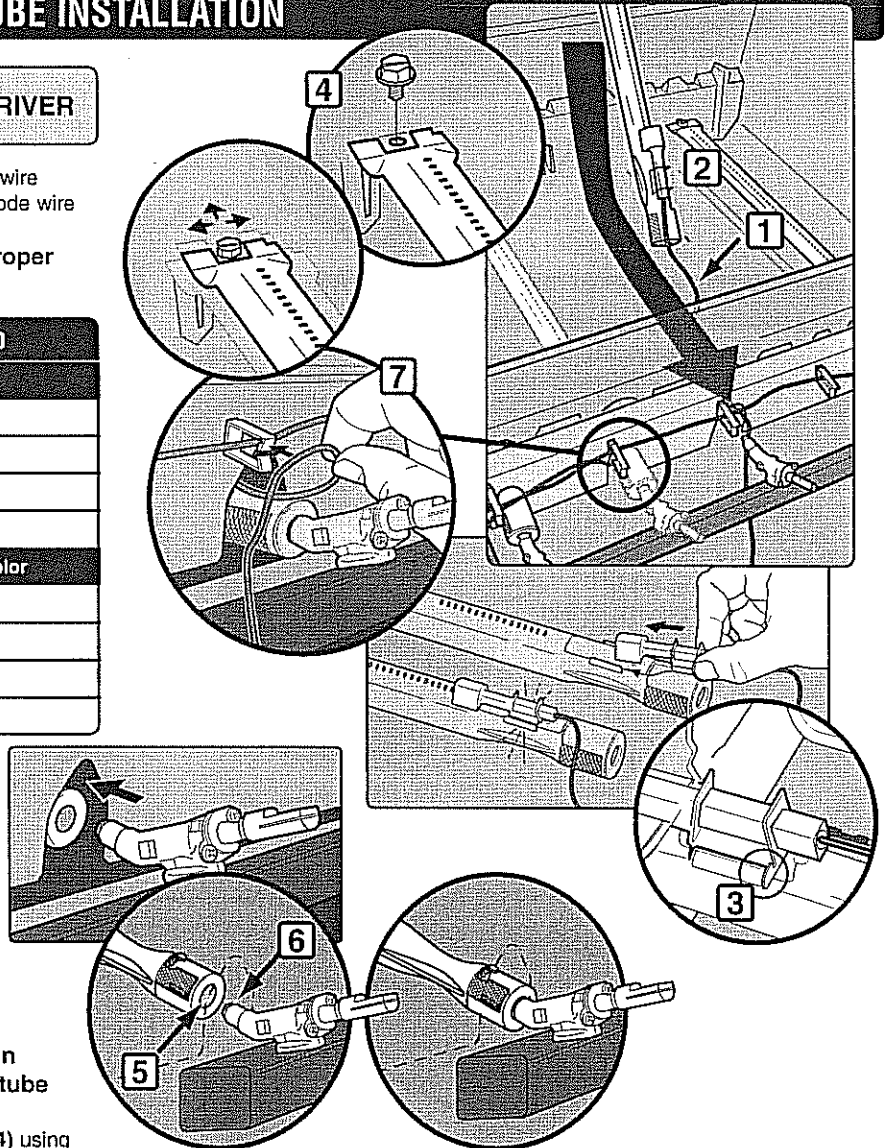
12 BURNER TUBE INSTALLATION

TOOLS NEEDED:  - 5/16 NUT-DRIVER

- A) From inside of cookbox: Install burner tube and igniter electrode wire assemblies. Starting with far right burner tube, slide igniter electrode wire lead through burner tube hole in front of cookbox (1).
- REASSEMBLY NOTE:** Follow Burner Tube Guide for proper alignment order.

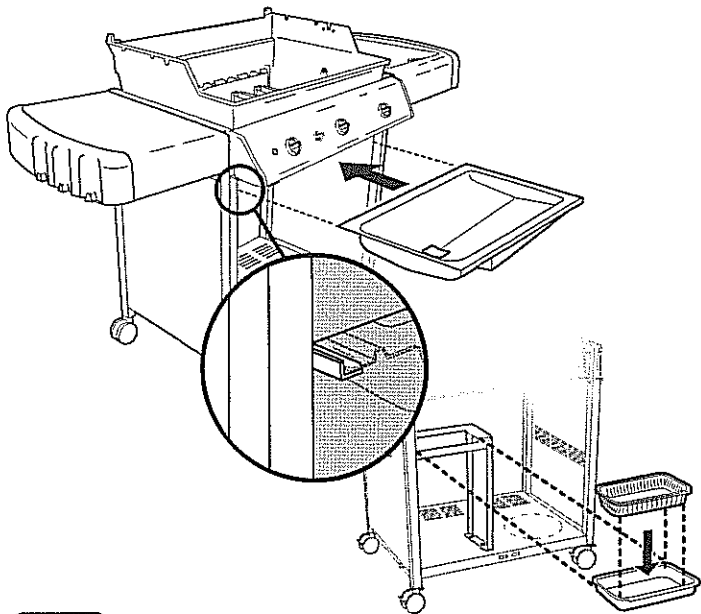
BURNER TUBE / IGNITER WIRE GUIDE 310/320/330	
310/320	330
	
Burner Tube	
Left Burner (A)	
Right Burner (B)	
Center Burner (C)	
Sear Burner (D)	
Wire End & Terminal Color	
Black (1)	
Yellow (2)	
Blue (3)	
Green (Ground) (4)	

- B) Slide burner tube and igniter electrode wire into cookbox (2).
- REASSEMBLY NOTE:** Be careful not to disconnect igniter electrode assembly from mounting bracket on burner tube. If igniter electrode assembly does slide out from mounting bracket, use your fingers to grasp rear portion of the igniter electrode assembly. Grip igniter electrode and igniter bracket together, and slide into mounting bracket on burner tube. Push igniter electrode assembly in until you hear a snap and feel it lock into place.
- VISUAL CHECK:** Check to see if igniter bracket stop on left back side of igniter electrode is flush with burner tube mounting bracket (3).
- C) Install self tapping screws that secure burner tubes to cookbox (4) using 5/16 nut-driver. **DO NOT OVERTIGHTEN.**
- CAUTION:** Burner tube openings (5) must be positioned properly over valve orifices (6).
- CAUTION:** Single row of gas portholes should be facing up.



- D) Slide igniter electrode wires into igniter wire clips (7).
- IMPORTANT NOTE:** All igniter wires must be installed and supported in igniter wire clips in order for ignition module to function properly.

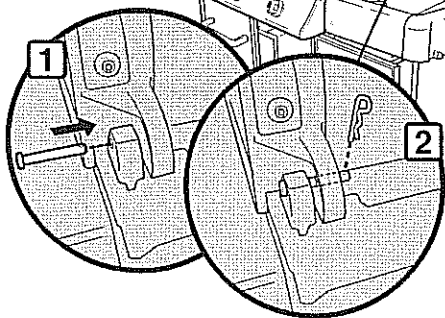
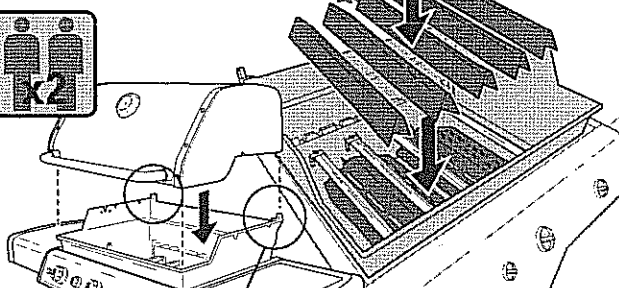
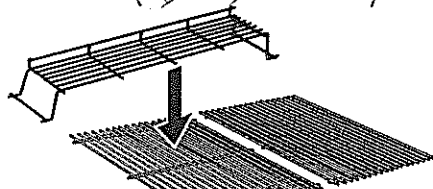
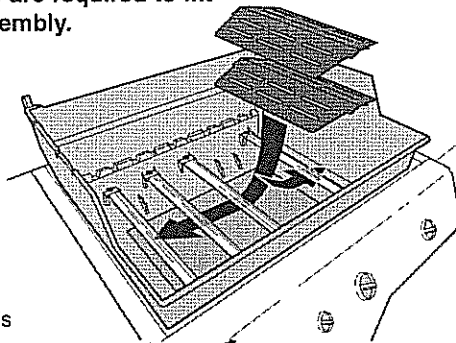
13 GREASE TRAY / DRIP PAN REINSTALLATION



14 LID AND COOKBOX COMPONENTS REINSTALLATION

⚠ **CAUTION:** Two people are required to lift and install the lid assembly.

- A) Install heat deflectors.
- B) Install Flavorizer® bars.
- C) Install cooking grates.
- D) Install warming rack.
- E) Place lid assembly onto cookbox assembly.
- F) While lid assembly is in the closed position, install clevis pins (1) into cookbox assembly.
- G) Install cotter pins into clevis pins (2).

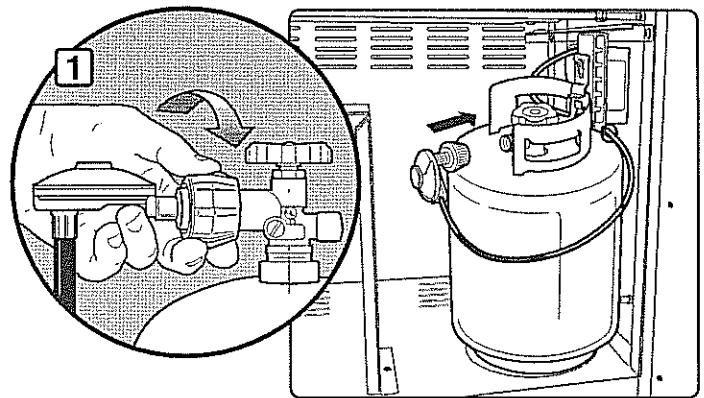


⚠ **WARNING:** Make sure all control knobs are turned to the OFF position before reconnecting gas supply and operating grill. Your actions, if you fail to follow this Product Warning, may cause a fire, an explosion, or structural failure resulting in serious personal injury or death as well as damage to property.

15 HOSE TO GAS SOURCE CONNECTION

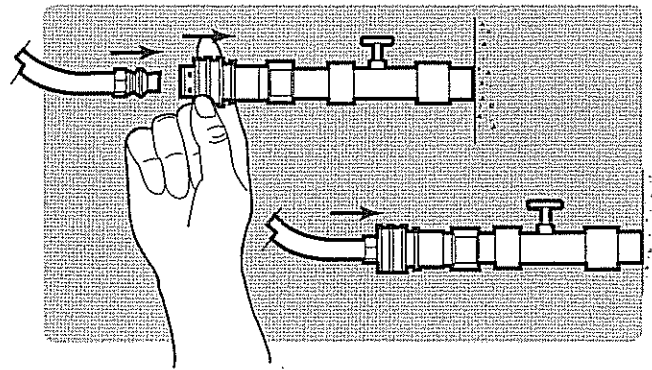
FOR LP UNITS:

- ⚠ **WARNING:** Hose must be secured to tank scale with hose retention clip. Failure to do so could cause damage to the hose resulting in a fire or explosion which can cause serious bodily injury or death, and damage to property.
- A) Screw regulator coupling onto tank valve; turn clockwise, or to the right (1).
- ⚠ **WARNING:** Do not use a wrench to tighten connection. Using a wrench could damage regulator coupling and could cause a leak.



FOR NG UNITS:

- A) Slide back collar of quick-disconnect and reconnect natural gas hose.



NOTE: Grills illustrated may have slight differences than model purchased

⚠ DANGER

Do not use an open flame to check for gas leaks. Be sure there are no sparks or open flames in the area while you check for leaks. Sparks or open flames will result in a fire or explosion, which can cause serious bodily injury or death and damage to property.

You will need: a soap and water solution and a rag or brush to apply it.

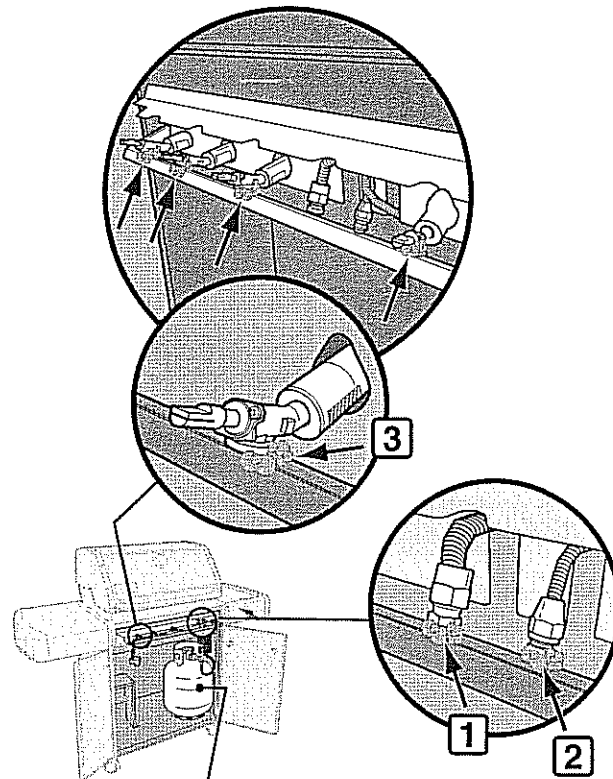
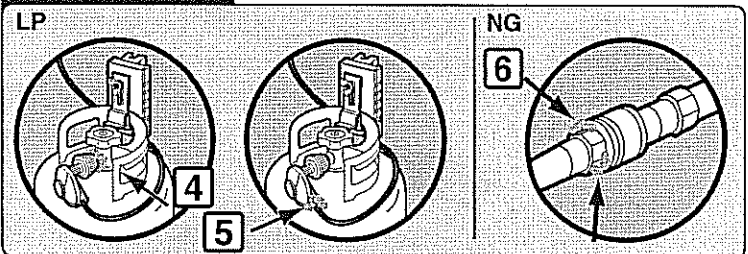
- A) Mix soap and water.
- B) Turn on gas supply at source.
- C) Check for leaks by wetting fittings with soap and water solution and watching for bubbles. If bubbles form, or if a bubble grows, there is a leak.
- D) When leak checking is complete, turn gas supply off at source and rinse connections with water.

Check:

- E) Main gas line-to-manifold connections (1).
- F) Side burner gas line-to-manifold connection (2).
- ⚠ **WARNING:** If there is a leak at connection 1 or 2, retighten the fitting with a wrench and recheck for leaks with soap and water solution. If a leak persists after retightening the fitting, turn OFF the gas. **DO NOT OPERATE THE GRILL.** Failure to follow dangers, warnings and cautions contained in this instruction sheet may cause a fire or an explosion resulting in serious personal injury or death as well as damage to property. Contact the Customer Service Representative in your area using the contact information on our web site. Log onto www.weber.com.
- G) Valves-to-manifold connections (3).
- H) LP: Regulator hose-to-cylinder connection (4).
- I) LP: Regulator hose-to-regulator connection (5).
- J) NG: Hose-to-quick-disconnect gas line connection (6).
- ⚠ **WARNING:** If there is a leak at connections 3, 4, 5 or 6, turn OFF the gas. **DO NOT OPERATE THE GRILL.** Failure to follow dangers, warnings and cautions contained in this instruction sheet may cause a fire or an explosion resulting in serious personal injury or death as well as damage to property. Contact the Customer Service Representative in your area using the contact information on our web site. Log onto www.weber.com.

When leak checks are complete, turn gas supply OFF at source and rinse connections with water.

⚠ IMPORTANT: To do a proper leak check, control panel must be off. After checking for leaks, reinstall control panel, wind deflector and control knobs.

**Gas Sources:**

17 CONTROL PANEL REINSTALLATION

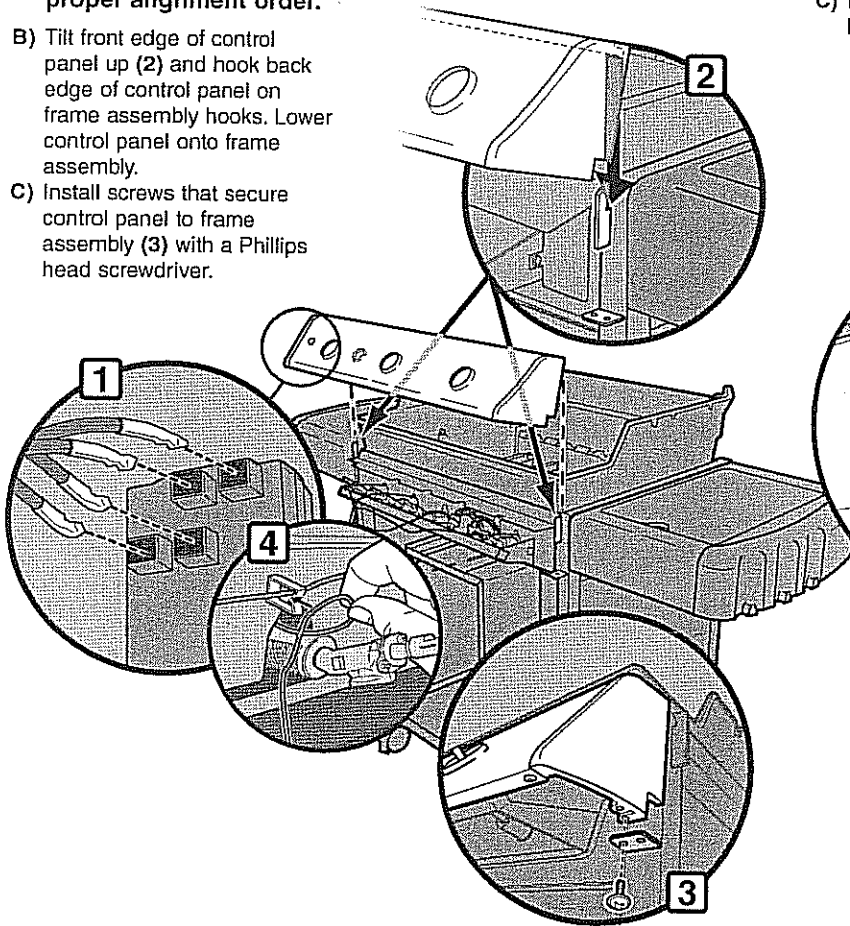
TOOLS NEEDED:  - PHILLIPS

⚠ IMPORTANT: To do a proper leak check, control panel must be removed. After checking for leaks reinstall control panel, wind deflector and control knobs.

A) Connect igniter wires to ignition module (1) before installing control panel. **REASSEMBLY NOTE:** Follow Igniter Module Wire Guide for proper alignment order.

B) Tilt front edge of control panel up (2) and hook back edge of control panel on frame assembly hooks. Lower control panel onto frame assembly.

C) Install screws that secure control panel to frame assembly (3) with a Phillips head screwdriver.

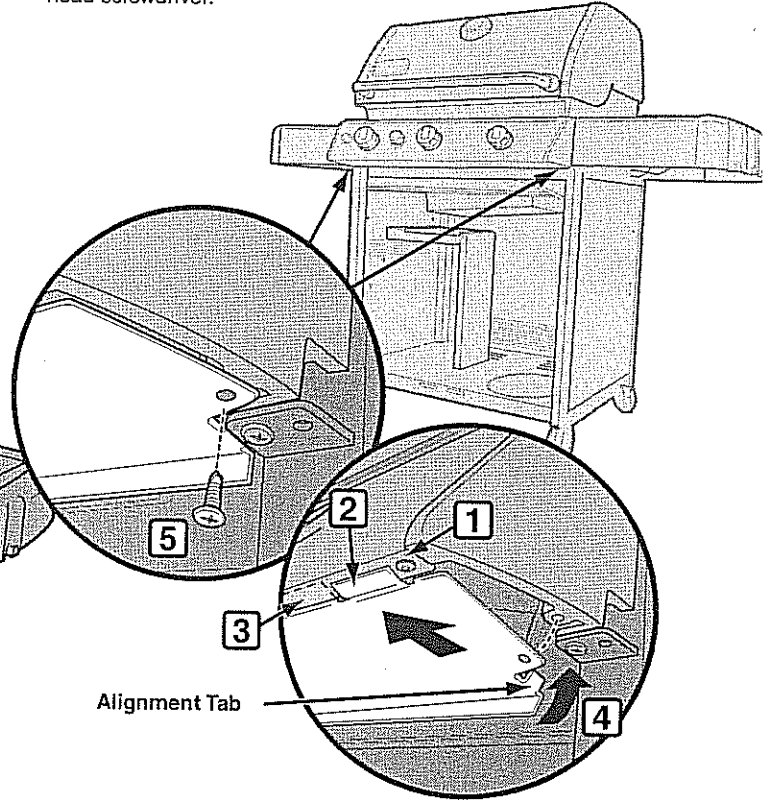


18 WIND DEFLECTOR REINSTALLATION

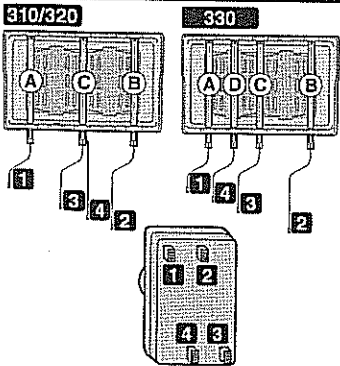
TOOLS NEEDED:  - PHILLIPS

A) Position front edge of wind deflector onto bottom lip of control panel (1). Position both outer short tabs of wind deflector below control panel lip (2), while placing inner long tab above control panel lip (3). The bottom lip of control panel will be sandwiched between the wind deflector tabs.

B) Slide back edge of wind deflector up (4) to lock alignment tabs into place.
C) Install screws that secure wind deflector to control panel (5) with a Phillips head screwdriver.



IGNITER MODULE WIRE GUIDE 310/320/330



310/320		330	
A	C	B	
A	D	C	B
1	2	3	4
4	3	2	1
1	2	3	4
4	3	2	1
Burner Tube			
Left Burner (A)			
Right Burner (B)			
Center Burner (C)			
Center Burner (D)			
Wire End & Terminal Color			
Black (1)			
Yellow (2)			
Blue (3)			
Green (Ground) (4)			

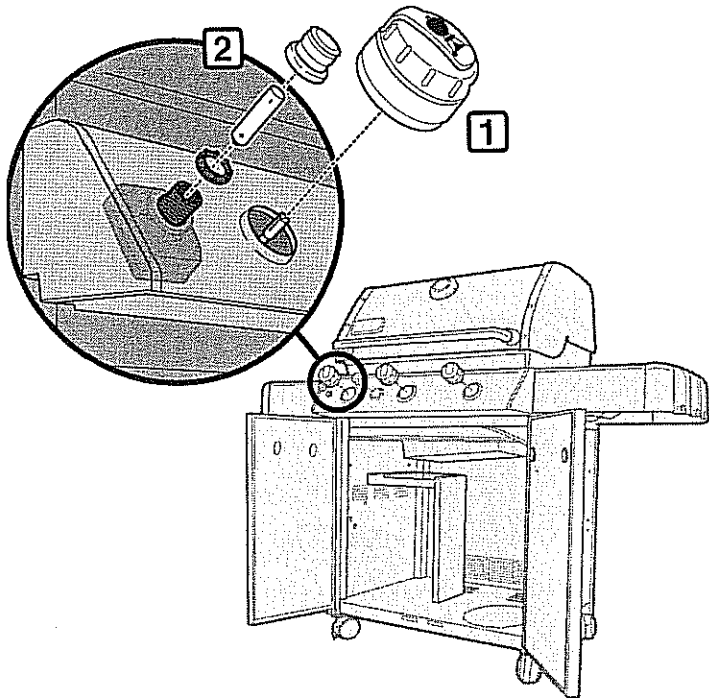
D) Slide igniter wires into igniter wire clips (4).

IMPORTANT NOTE: All igniter wires must be installed and supported in igniter wire clips (4) in order for ignition module to function properly.

19 CONTROL KNOB REINSTALLATION

- 1) Install ALL control knobs (1).
- 2) Install igniter button and battery (2).

IMPORTANT NOTE: If it has been a year since battery was changed, this would be a good time to replace it.



WARNING: Make sure all parts are assembled and hardware is fully tightened before operating the grill. Your actions, if you fail to follow this Product Warning, may cause a fire, an explosion, or structural failure resulting in serious personal injury or death as well as damage to property.

PROPOSITION 65 WARNING: HANDLING THE BRASS MATERIAL ON THIS PRODUCT EXPOSES YOU TO LEAD, A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

(WASH HANDS AFTER HANDLING THIS PRODUCT.)

WARNING: All repairs to gas carrying, gas burning, igniter or structural components must be performed by an authorized Weber-Stephen Products LLC service technician.

These parts may be gas carrying, gas burning, igniter or structural components. Please contact Weber-Stephen Products LLC, Customer Service Department for Genuine Weber-Stephen Products LLC replacement part(s) information.

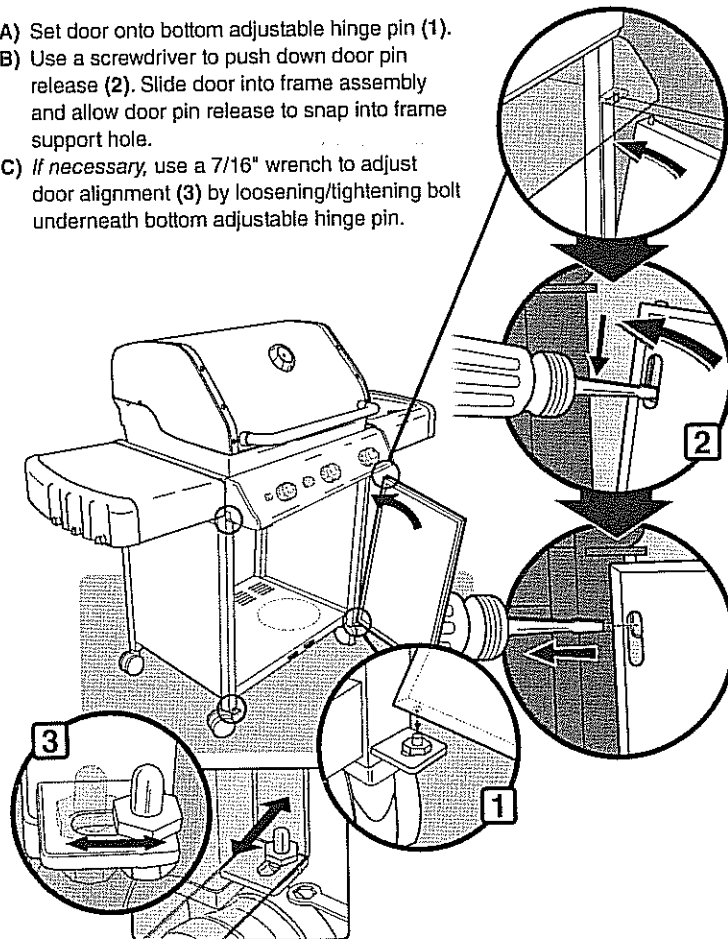
WARNING: Do not attempt to make any repair to gas carrying, gas burning, igniter or structural components without contacting Weber-Stephen Products LLC, Customer Service Department. Your actions, if you fail to follow this Product Warning, may cause a fire, an explosion, or structural failure resulting in serious personal injury or death as well as damage to property.

20 DOOR REINSTALLATION

TOOLS NEEDED:



- A) Set door onto bottom adjustable hinge pin (1).
- B) Use a screwdriver to push down door pin release (2). Slide door into frame assembly and allow door pin release to snap into frame support hole.
- C) If necessary, use a 7/16" wrench to adjust door alignment (3) by loosening/tightening bolt underneath bottom adjustable hinge pin.



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