



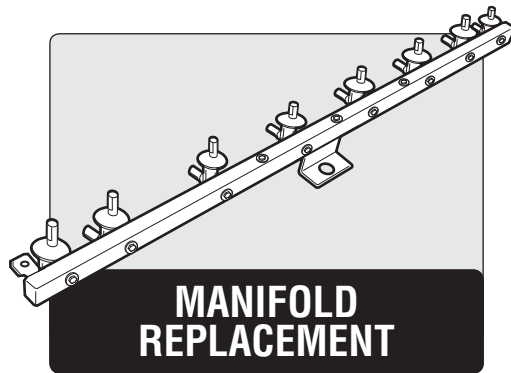
Summit[®]

MANIFOLD REPLACEMENT INSTRUCTIONS

THIS PROCEDURE MUST BE PERFORMED BY AN AUTHORIZED WEBER-STEPHEN PRODUCTS CO. SERVICE TECHNICIAN. (ANY UNAUTHORIZED REPAIRS WILL VOID WARRANTY PROTECTION).

⚠ 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.



1 CONTROL PANEL REMOVAL

TOOLS NEEDED:

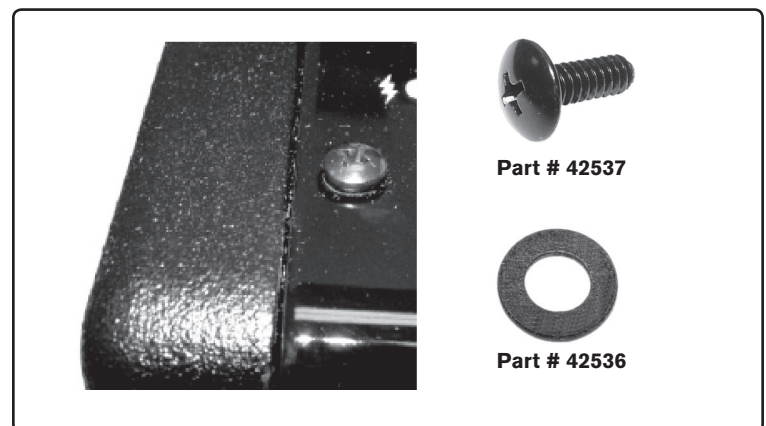
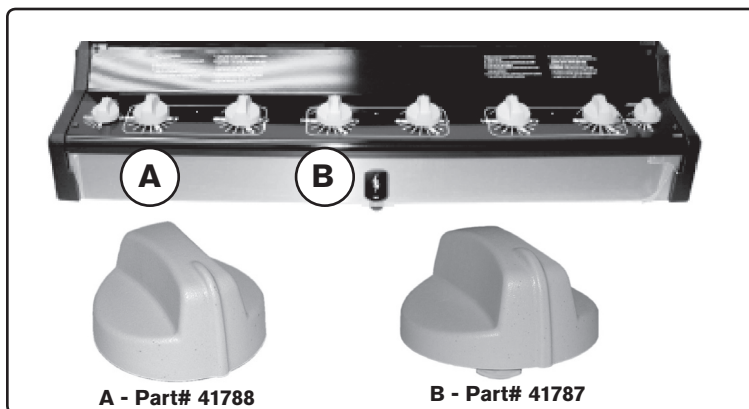


- PHILLIPS

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

A) Remove all of the burner control knobs by pulling up.

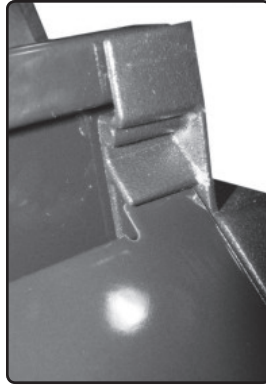
B) Remove the black phillips head screw and nylon washer on the left and right side of the control panel.



1

CONTROL PANEL REMOVAL (cont.)

C) Put your fingers under the front edge of the control panel and lift up slightly(1).



Move the control panel out from under the fire box end cap control panel brackets and lift panel up and out from the unit. Set aside so it will not get scratched.



2

FRONT PANEL REMOVAL

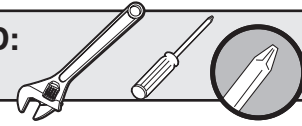
A) Remove the stainless steel front panel by lifting the panel up and out of the fire box end cap locating slots.



3

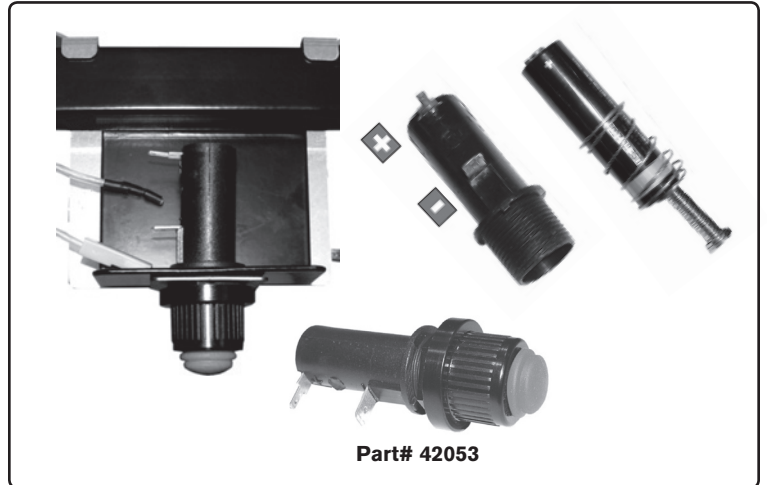
BATTERY CASE REMOVAL

TOOLS NEEDED:



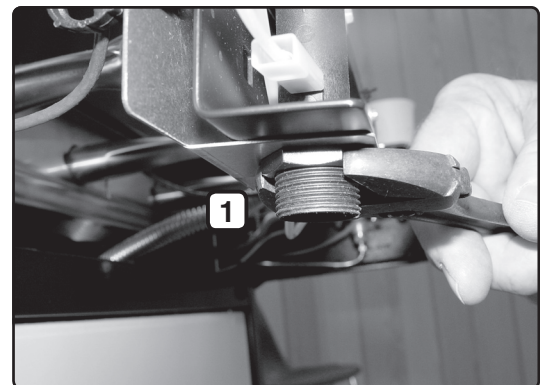
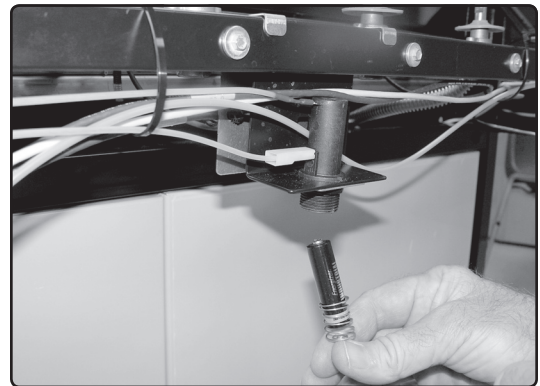
- PHILLIPS

A) Unscrew the battery cap with red button from the battery case. The case is upside down. Remove the spring and battery from the case by pulling in a downward motion. **If the battery does not come out easily, wait until you remove the battery case from the heat shield and igniter mounting bracket to remove the spring and battery.**



Part# 42053

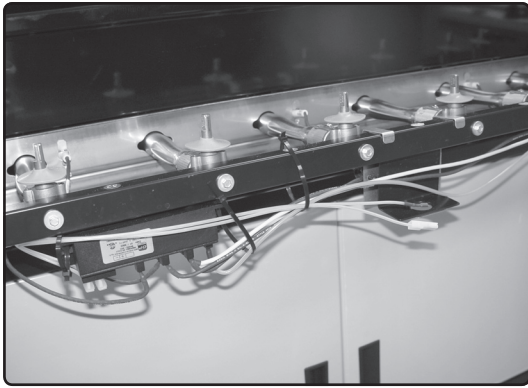
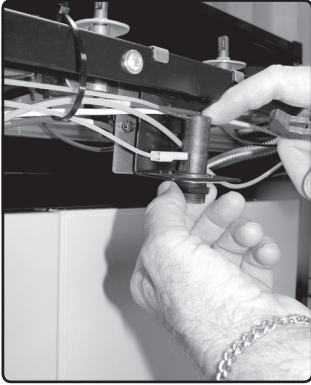
B) Using an adjustable wrench loosen the nut that holds the battery case to the heat shield and igniter mounting bracket (1).



3

BATTERY CASE REMOVAL (cont.)

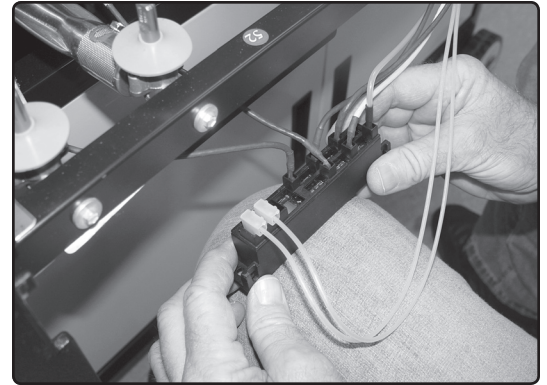
C) Hold the battery case and manually finish removing the nut by hand, and then lift up on the battery case to remove from brackets. Remove the top positive (+) and bottom negative (-) wires from the case after it is removed.



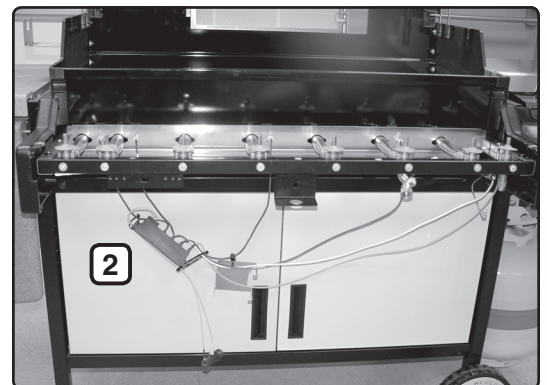
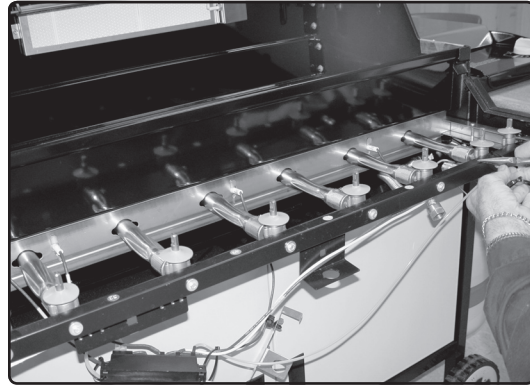
4

IGNITION MODULE REMOVAL (cont.)

B) Using a phillips screwdriver remove the two mounting screws from the left and right of the ignition module. This allows the module to swing down freely.



C) The module can be allowed to hang in place with all the wires still attached, as shown (2).



4

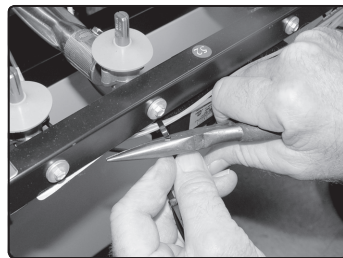
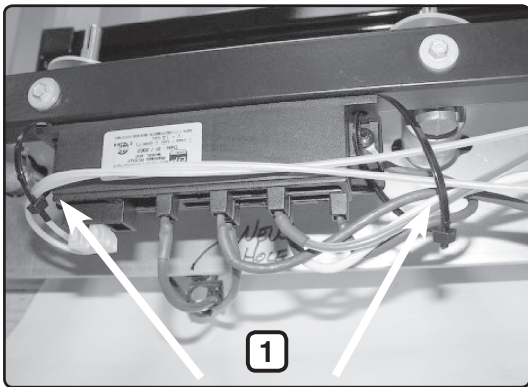
IGNITION MODULE REMOVAL

TOOLS NEEDED:



- PHILLIPS

A) Cut and remove the two nylon wire ties from the ignition module (1).

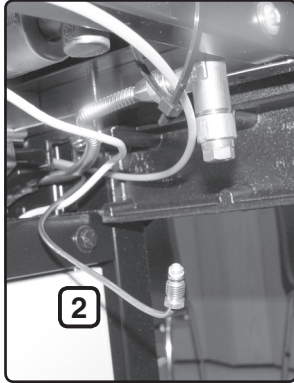
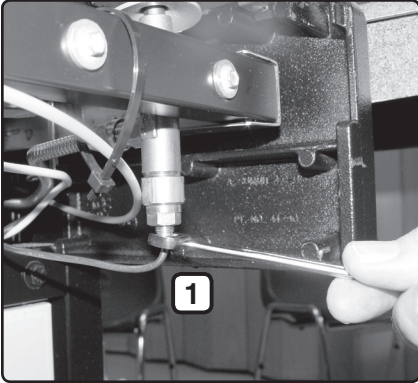


5 DISCONNECT THE I.R. CONNECTIONS

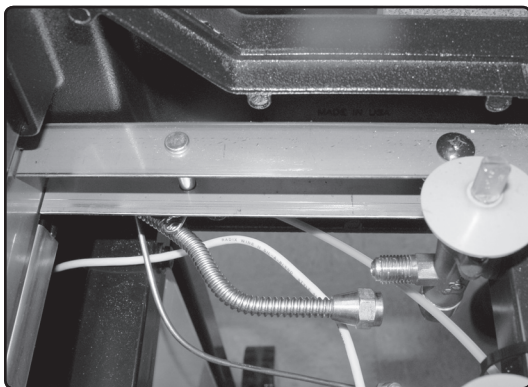
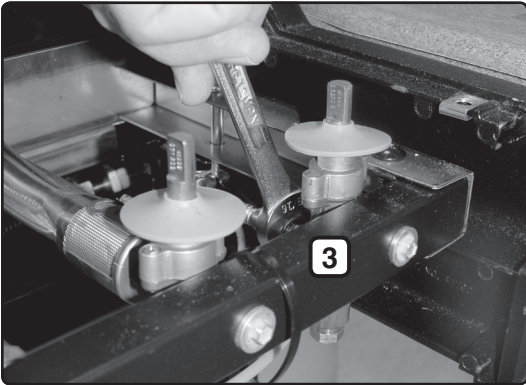
TOOLS NEEDED:  - 9/16", 8mm

(Silver D and Gold D only)

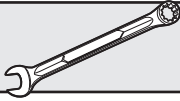
- A) Using an 8mm open end wrench, loosen nut on thermocouple and unscrew fitting by hand (1). Once disconnected move thermocouple down and out of the way. Do not bend the thermocouple capillary (2).



- B) Using a 9/16" open end wrench, loosen and remove the ss I.R. Corrugated gas line from the I.R. valve (3).

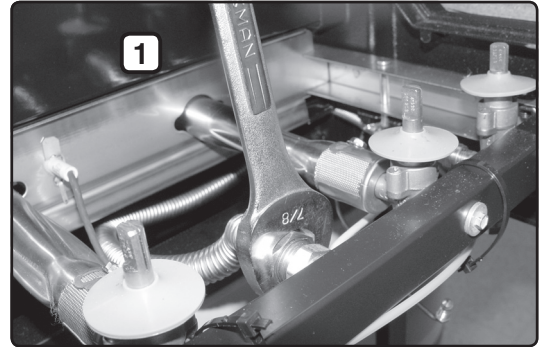


6 DISCONNECT THE MAIN GAS LINE

TOOLS NEEDED:  - 7/8"

- A) Using a 7/8" open end wrench, loosen the main ss corrugated gas line from the manifold (1). If there is a copper 45° degree washer, inside of the brass connection on the end of the tube (2), it will be loose and can fall out.

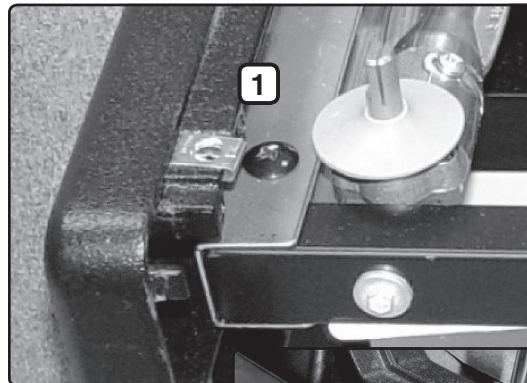
Do not reuse the copper gasket. When reassembled check for leaks.



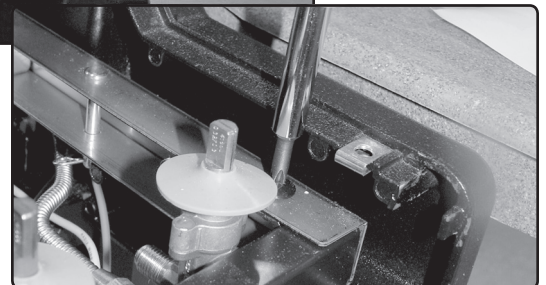
7 MANIFOLD REMOVAL

TOOLS NEEDED:   - PHILLIPS

- A) Using a phillips head screwdriver, locate the screws on both sides of the manifold frame (1) and remove the screws from the frame.



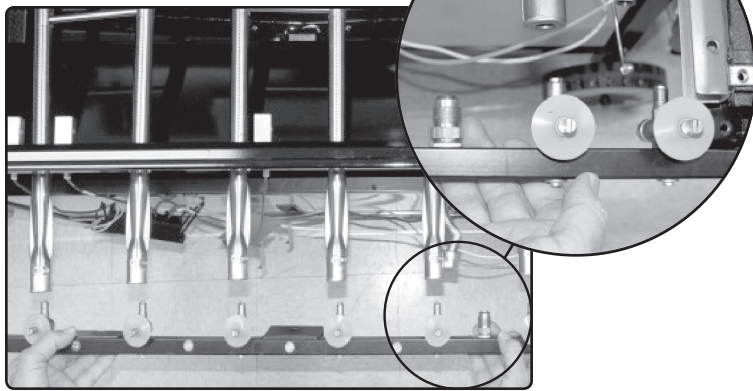
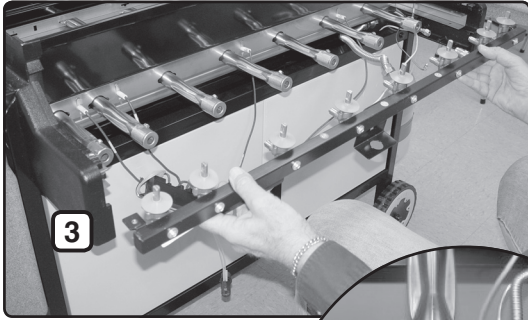
Part #42541
8-32 x 1/2"
Phil Pan HD Blk



7

MANIFOLD REMOVAL (cont.)

B) The manifold is now ready to be removed from the burner tubes. Pull the manifold away from the burner tubes (3). The burner tubes may move with the manifold as it is removed and dislodge from the mounting slot in the rear channel. They must be assembled back into the slot before the manifold is reassembled.

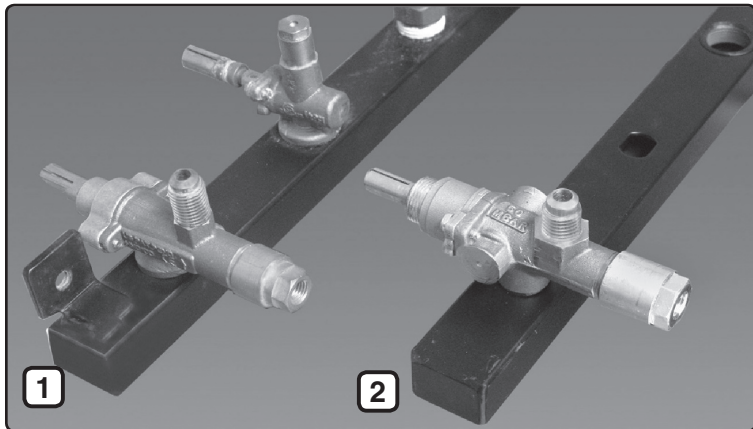


8

INSTALL NEW MANIFOLD

Please note: The difference between the Original Manifold and the New Replacement manifold is how the right side mounts into the "C" channel manifold slide. The left side remains unchanged. It is the same for both the SUMMIT SILVER & GOLD 4 AND 6 BURNER MODELS.

A) The new replacement Manifold comes with its own separate Mounting Bracket, which fits both the Silver and Gold SUM 28" / 36" New Replacement Manifolds.



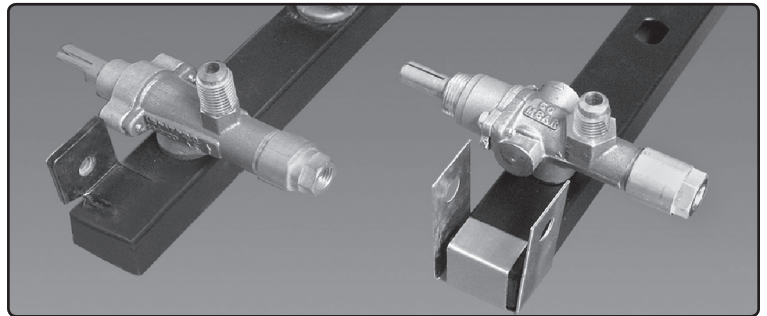
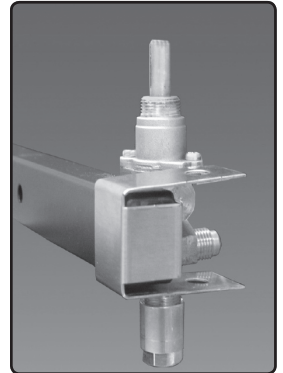
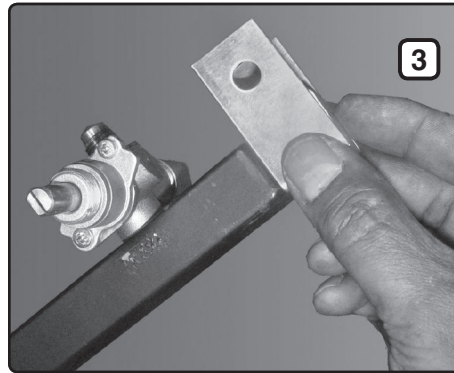
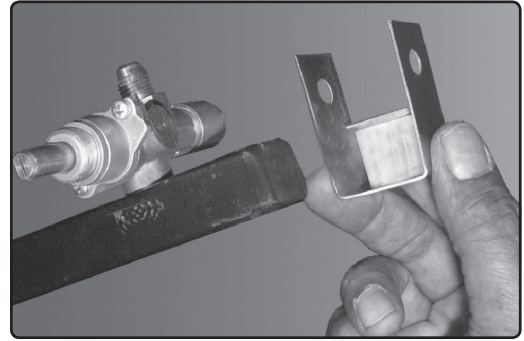
The original manifold has both the right and left side mounting brackets (1).
The new replacement manifold does not have the right side mounting bracket (2).

8

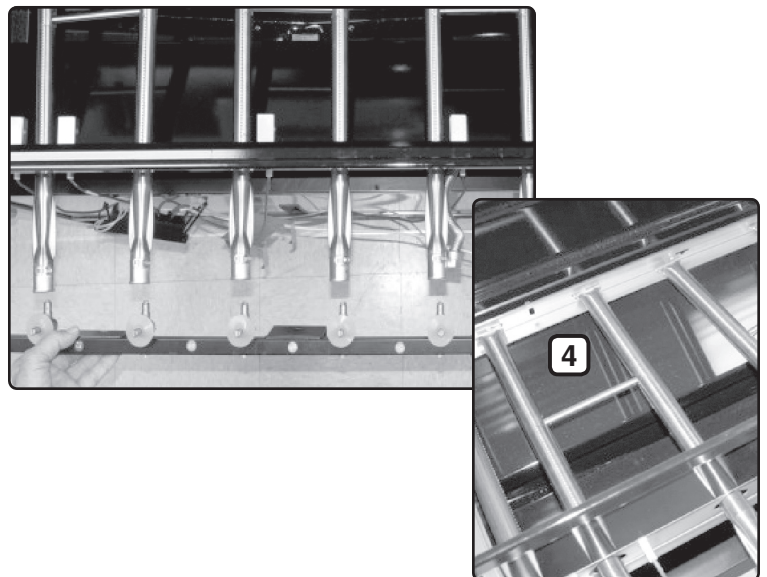
INSTALL NEW MANIFOLD (cont.)

The new replacement manifold comes with its own separate mounting bracket, which fits both the Silver and Gold SUM 28" / 36" new Replacement Manifolds.

B) Install bracket onto the right side of the manifold only (3).

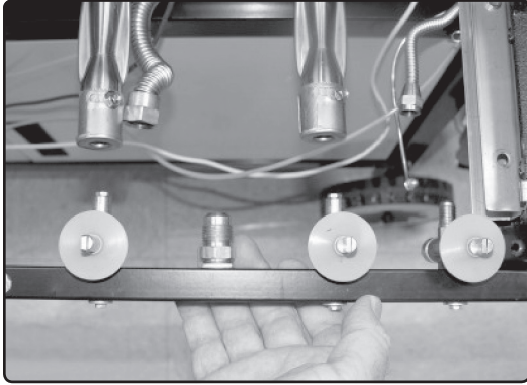


C) Before reinstalling the manifold make sure that the burner tubes are properly installed into the mounting slots of the rear channel on the cookbox (4).

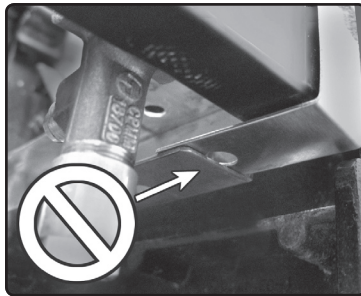
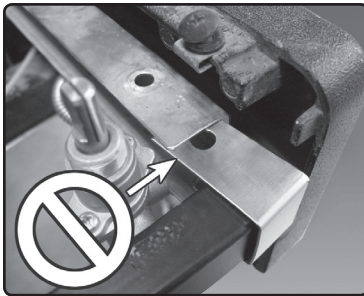
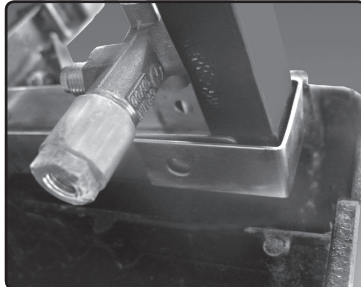
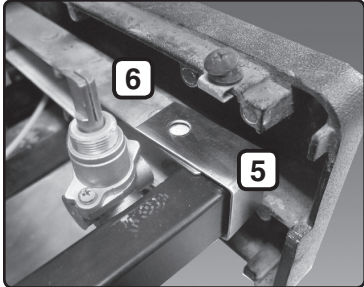


8**INSTALL NEW MANIFOLD (cont.)**

D) Position the new manifold in front of the burner tubes for reassembly.

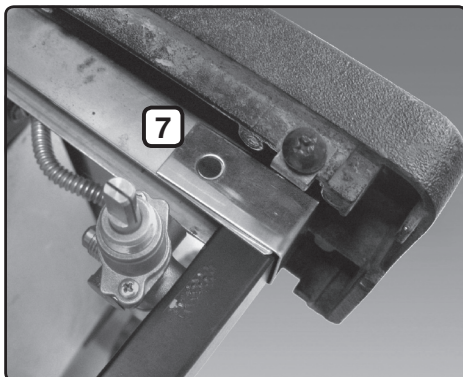


E) Install manifold paying attention to the position of the right side mounting bracket. Make sure that the mounting bracket (5) slides over the outside edge of the C channel (6).

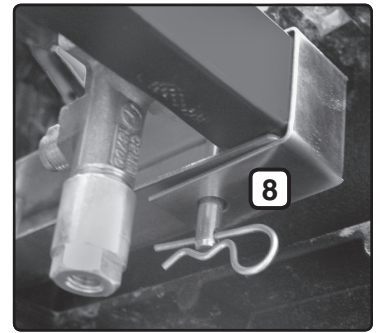
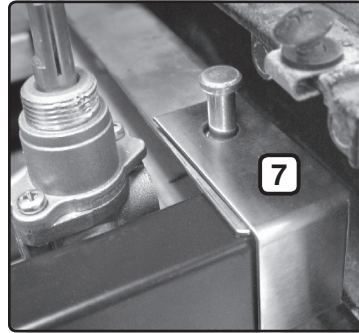


BEFORE PROCEEDING MAKE SURE THAT THE BURNER TUBES ARE PROPERLY LINED UP WITH THE VALVES ON THE MANIFOLD.

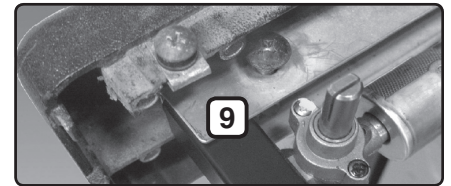
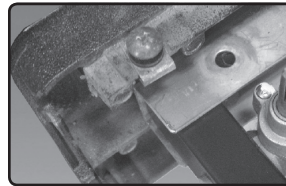
F) Install mounting hardware. The new mounting bracket comes with a clevis pin and hair pin cotter. Line up the Mounting bracket hole with the mounting hole in the "C" Channel Manifold slide (7).

**8****INSTALL NEW MANIFOLD (cont.)**

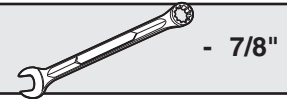
G) insert the clevis pin down through the mounting holes (7) and insert the cotter pin through the clevis pin mounting hole locking it in place (8).



G) line up the left side of the manifold with the bracket and reassemble the mounting screw (9).

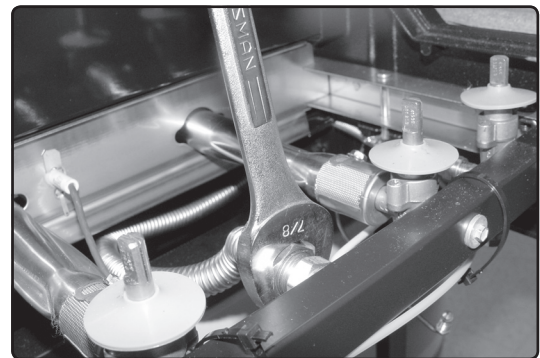
**9****REINSTALL MAIN GAS LINE**

TOOLS NEEDED:



- 7/8"

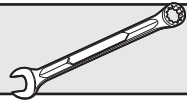
A) Using a 7/8" open end wrench, reinstall the main ss corrugated gas line to the manifold. You must replace the copper 45° degree washer inside of the brass connection on the end of the tube (1). **Do not reuse the old copper gasket. When reassembled check for leaks (See proper instructions for leak checks later in this instruction manual).**



10

REINSTALL I.R. GAS LINE

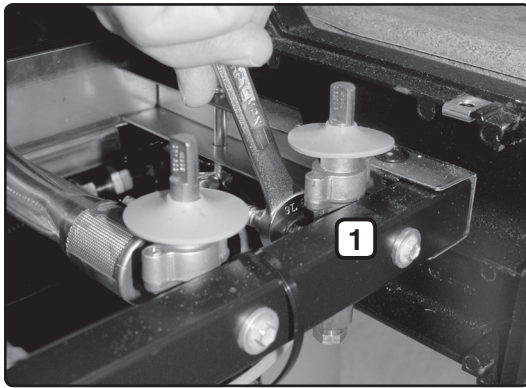
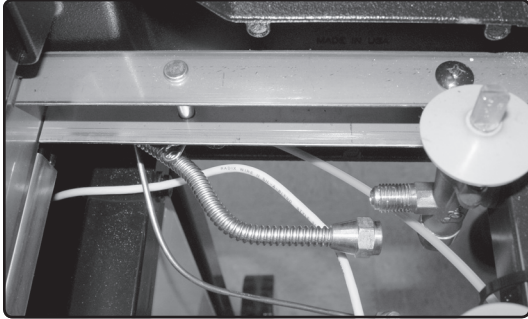
TOOLS NEEDED:



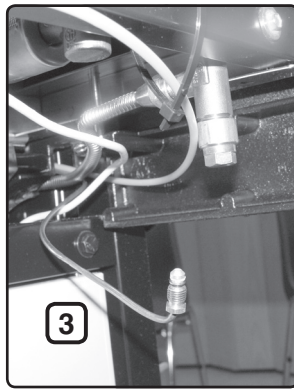
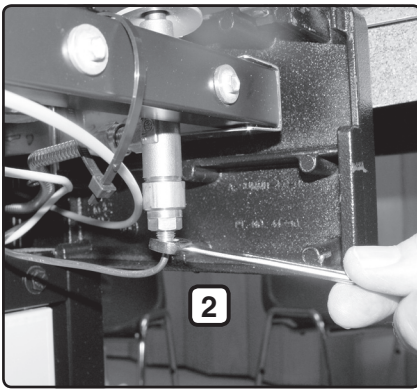
- 9/16", 8mm

(Silver D and Gold D only)

- A) Using a 9/16" open end wrench, reinstall the ss I.R. Corrugated gas line to the I.R. valve (1).



- B) Reinstall the thermocouple capillary line. Start the threads by hand and using an 8mm open end wrench tighten connection (2). Do not bend the thermocouple capillary (3). When reassembled check for leaks



11

CHECK FOR GAS LEAKS

⚠ 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 the gas supply at the source.

- C) Check for leaks by wetting the fitting with the 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 the source and rinse connections with water.

Check:

- A) Gas supply to IR burner valve assembly (1) on models SilverD and Gold D only.

- B) Gas supply to manifold connection (2).

⚠ **DANGER: 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, 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.

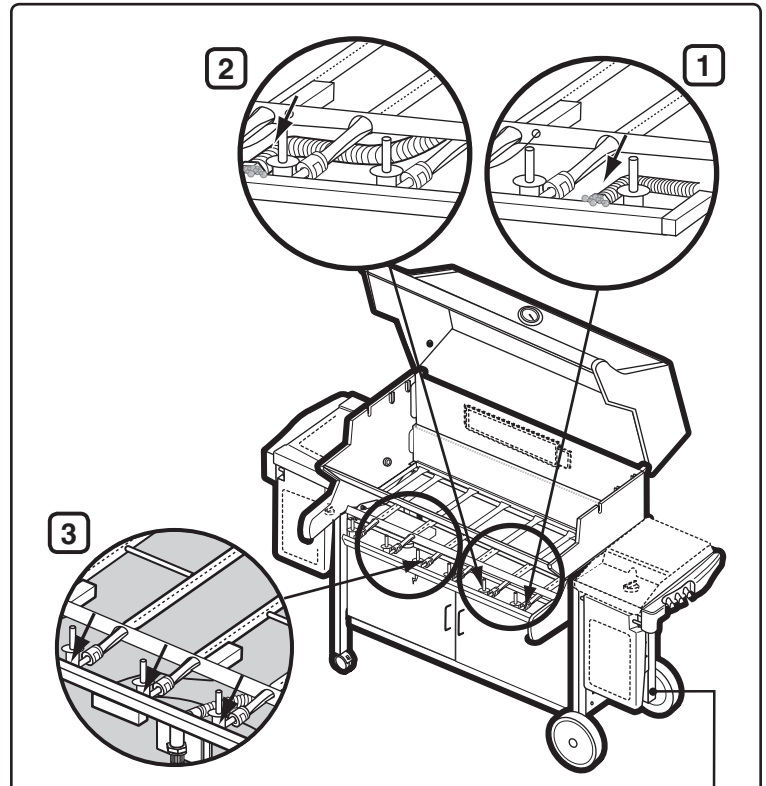
- C) Valve to manifold connection (3).

- D) LP: Regulator connection (4).

- E) NG: Hose to quick disconnect gas line connection (5).

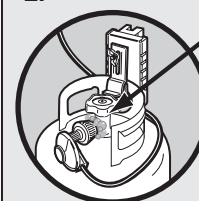
⚠ **DANGER: If there is a leak at connection (3, 4, or 5), turn off the gas. DO NOT OPERATE THE GRILL.** Failure to follow dangers, warnings and cautions contained in this Instruction sheet may cause a fire or an explosion resulting in serious personal injury or death as well as damage to property. Contact 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 the source and rinse connections with water.

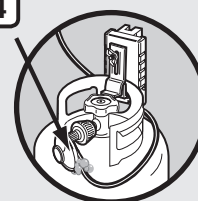


Gas Sources:

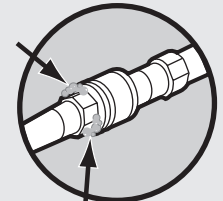
LP



4



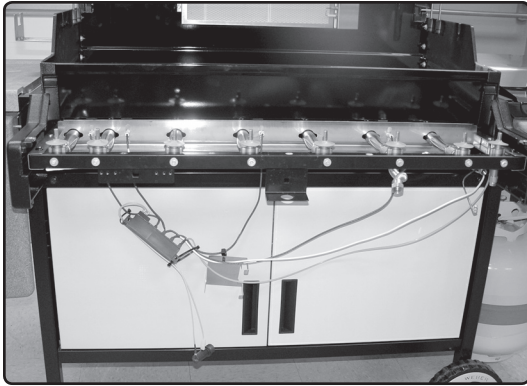
NG 5



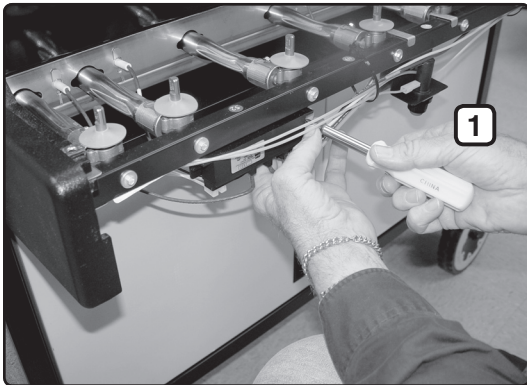
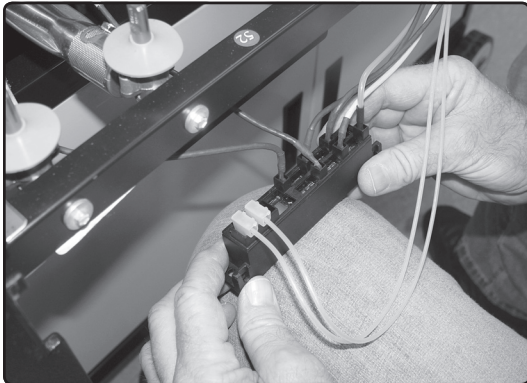
12

REPLACE IGNITION MODULE

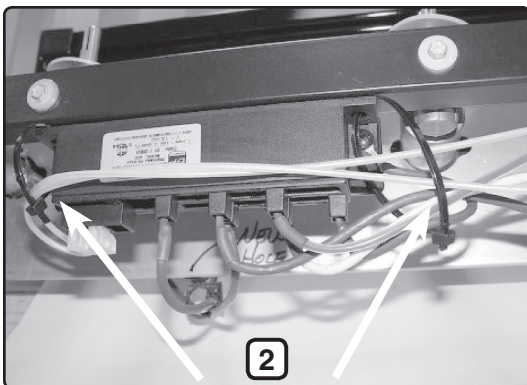
A) Make sure that all wires remain connected to the ignition module.



B) Replace ignition module back into mounting position. Using a phillips screwdriver secure the two mounting screws on the left and right of the ignition module (1).



C) Replace the two nylon wire ties to the ignition module (2).



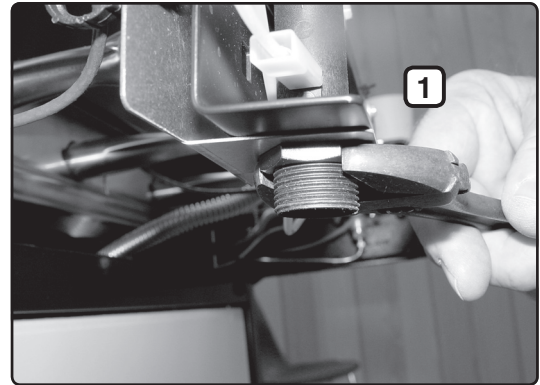
13

REPLACE BATTERY CASE

TOOLS NEEDED:



- A) Replace battery case to heat shield. Using an adjustable wrench tighten the nut that holds the battery case to the heat shield and igniter mounting bracket (1).
- B) Replace the Spring and battery back into the battery case. Replace and screw the battery cap with red button back onto the battery case.



14

REPLACE FRONT PANEL

- A) Replace the stainless steel front panel. Slide the panel down and back into the fire box end caps locating slots.



15

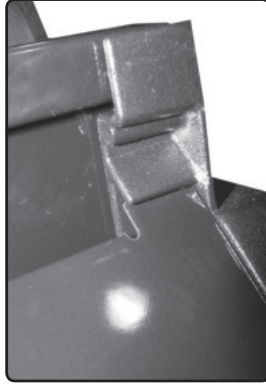
REPLACE CONTROL PANEL

TOOLS NEEDED:

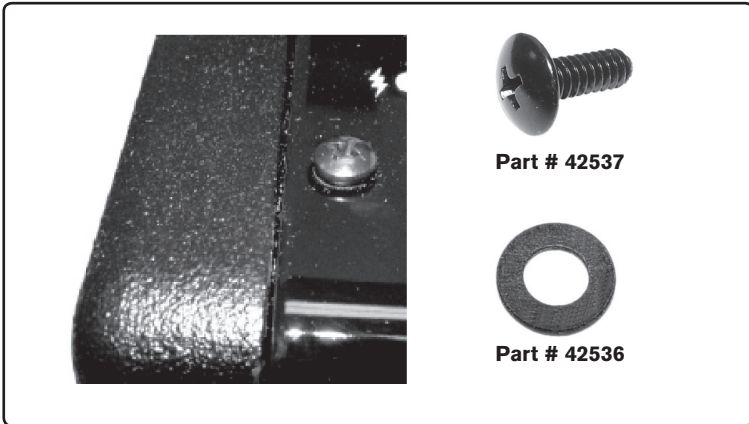


- PHILLIPS

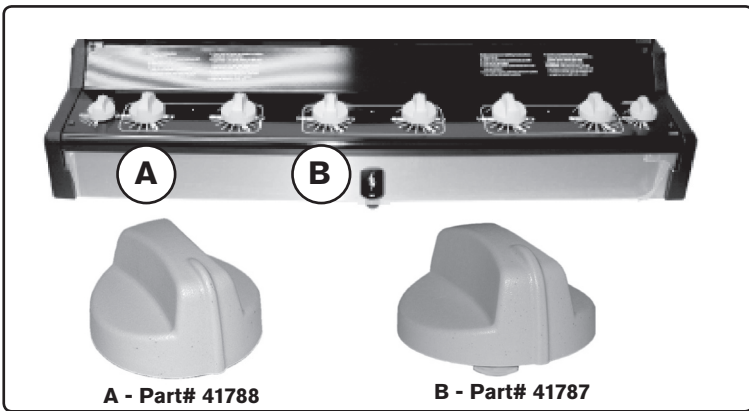
- A) Slide the back edge of the control panel in and under the fire box end cap control panel brackets. Push the control panel all the way in and down over valves.

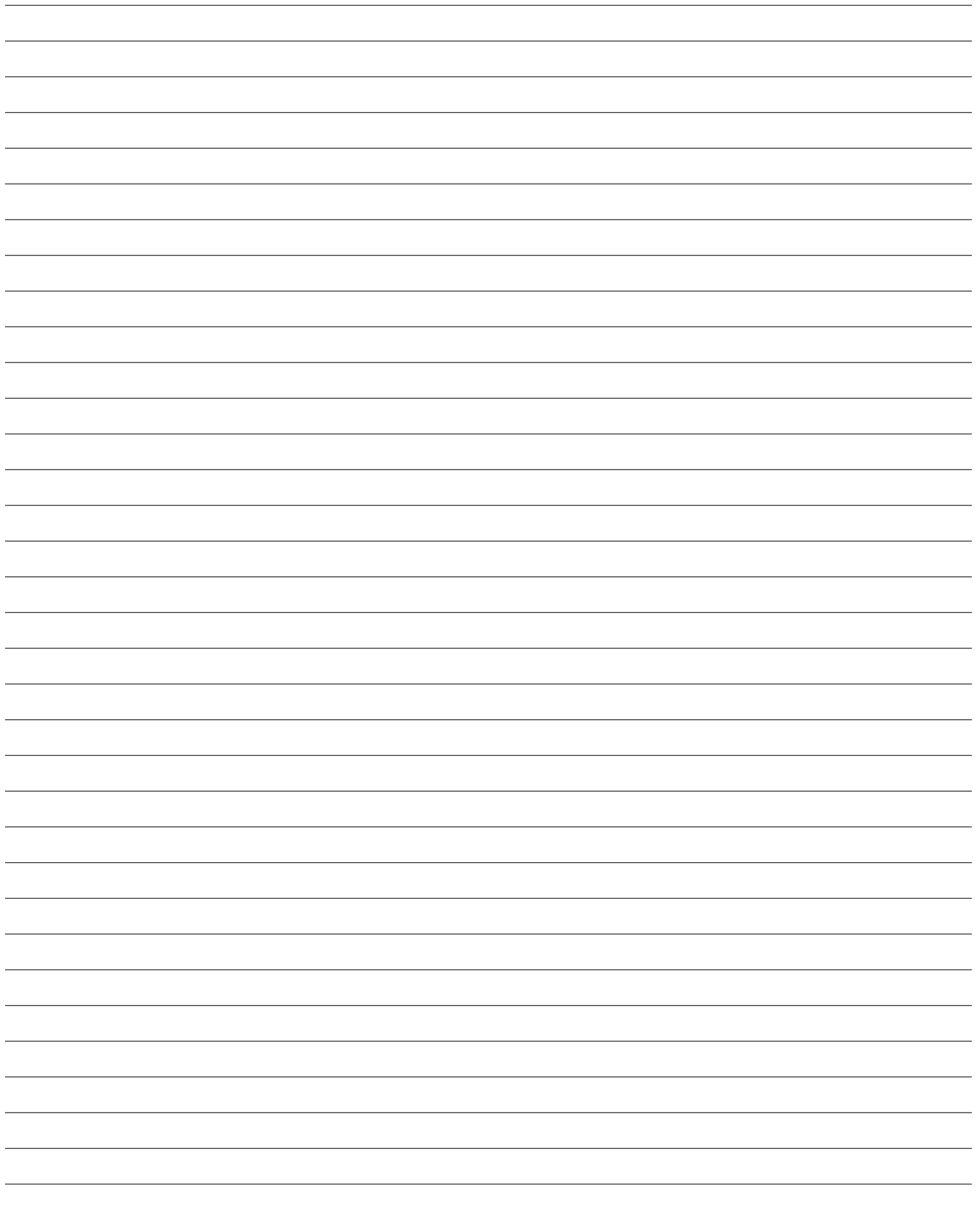


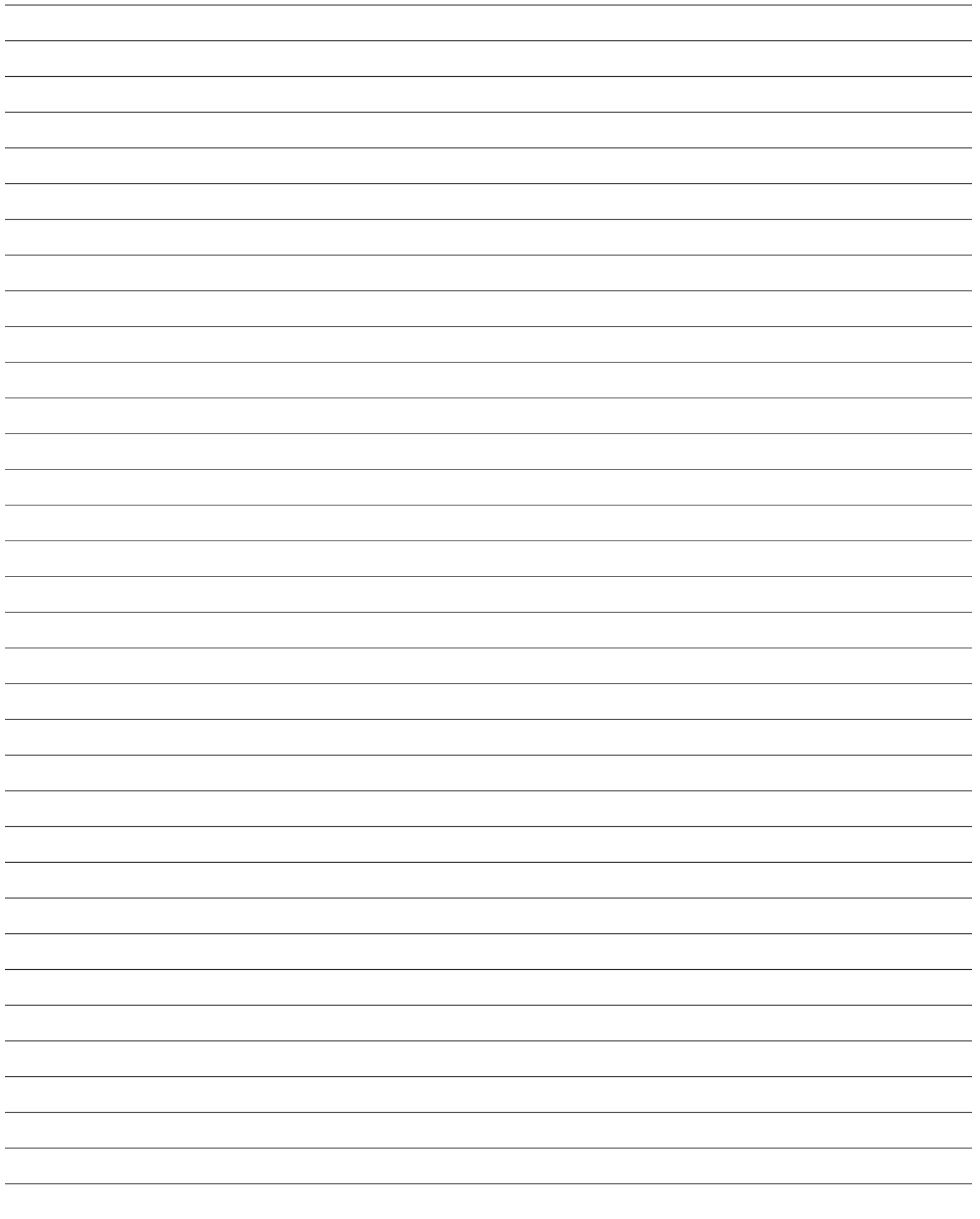
- B) Replace the black phillips head screw and nylon washer on the left and right side of the control panel.



- A) Replace all of the burner control knobs.







⚠ WARNING: Make sure that 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 components or structural components must be performed by an authorized Weber-Stephen Products Co. service technician.

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

⚠ WARNING: Do not attempt to make any repair to gas carrying, gas burning, igniter components or structural components without contacting Weber-Stephen Products Co., 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.



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