# SUNSTONE® SERIES GAS GRILLS USE & CARE GUIDE

### Read all instructions before you operate your grill. Save these instructions!



Conforms to ANSI STD Z21.58b-2012 Certified to CSA STD 1.6b-2012 Outdoor Cooking Gas Appliance

**To installer or person assembling grill:**Leave this manual with grill for future reference. **To consumer:** Keep this manual for future reference.

#### www.sunstonemetalproducts.com

#### Welcome & Congratulations

Congratulations on your purchase of a new Sunstone grill! We are very proud of our product and we are completely committed to providing you with the best service possible. Your satisfaction is our #1 priority. Please read this manual carefully to understand all the instructions about how to install, operate and maintain for optimum performance and longevity. We know you'll enjoy your new grill and thank you for choosing our product. We hope you consider us for future purchases.

#### How to Obtain Service

Before you call Is there Gas supplied to the Grill? Have you recently refilled the LP Tank?

#### Please make sure you have the following information: MODEL NUMBER | DATE OF PURCHASE | INVOICE NUMBER.

For warranty service, contact SUNSTONE Customer Service Department at (888)-934-9449 Option #1 or email service@sunstonemetalproducts.com.

#### SUNSTONE METAL PRODUCTS LLC. 16004 Central Commerce Dr, Pflugerville Texas 78660.

Business Hours. Mon. to Thur. 9:00AM to 4:30PM Closed Fri/Sat/Sun

Tel: 512-487-5116 Toll Free: 888-934-9449 (Technical Support Line) Fax: 512-487-7016

Mustkeepcopy of yoursales slip for proof of purchase.			
NAME	DATE OF PURCHASE		
ADDRESS			
MODEL NO	_INVOICE NO		
COMPANY THAT YOU PURCHASED FROM			

#### INDEX DIRECTORY

GRILL SPEC. & PARTS LIST					
SUN3B/SUN3BIR	1-3				
SUN4B/SUN4BIR	4-6				
SUN5BIR	7-9				

#### **GRILL INSTALLATION**

Removing Burner Bolts	10
GFCI Transformer for lights	11
Overview & Requirements	12
Airflow & Prevailing Wind	13

#### **ISLAND LOCATION**

Open Area Install	14
Enclosed Area Install	15

#### GAS INSTALLATION

LP Gas Hook-Up	16
NG Gas Installation	17

#### **GRILL START-UP**

Lighting the Grill	18
Rot-Rod Setup	19-
Knob Maintenance	21
Sunstone Warranty	22

### **HAZARDS & WARNING SIGNS**

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**ATTENTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

**WARNING:**Indicates an imminently hazardous situation which, if not avoided, will result in deathorserious injury.

**VOLTAGE:**Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate electrical shock.

**EXPLOSION:**Indicates an imminently hazardous situation which, if not avoided, will result in possible explosion and cause death or severe injury.

**BODILY INJURY:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

HOT SURFACE: Indicates an imminently hazardous hotsurface which, if not avoided, will result inserious burn or injury.

**LIVE CIRCUIT:**Indicates a potentially hazard from Liveelectrical current that if extreme caution is notused, may result in minor or moderatepersonal injury, or property damage.

# **START-UP**

# **CHECKLIST**

**<u>ATTENTION:</u>**Neveroperate thegrill unattended.

ATTENTION: Neveroperate thegrill unattended.

**EXPLOSION:** When Igniting the Grill – Always keep the Hood Open.

**"FIRST TIME STARTUP CHECKLIST"** 

DAA Battery is installed into Black Cap Igniter Box.

□ Burner Mounting Bolts are "Removed" – <u>see page 10</u>

Transformer Electrical Plug is properly installed.

 $\label{eq:last} \Box nstallation of the proper gas type and regulator settings.$ 

TheproperRegulator & Gas Connectioniscomplete.

□Minimum24" Inch to Combustible Clearancesare maintained.

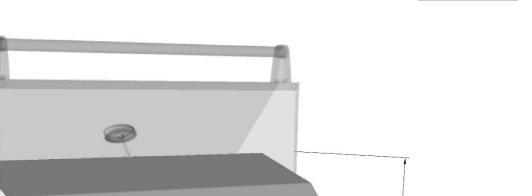
DAll packaginghas beenremoved from Interior of Grill

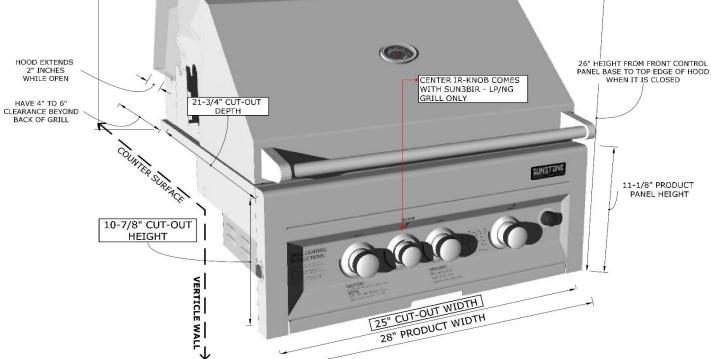
DAll partsand componentsare properlyinstalled.

DAn installer-suppliedmanual gasshut-offvalve isfullyaccessible.

□LP hose is clean and inspected for cuts, wear, abrasion, or leaks. Replace if necessarywith a suitable UL,ETLorCSAListed partwith internallythreadedconnection.

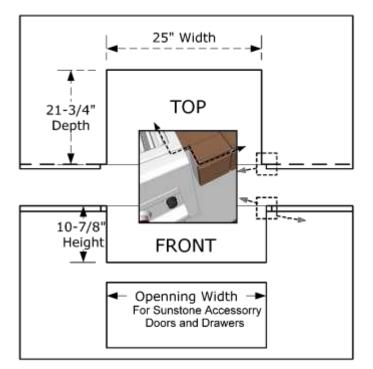
ATTENTION: All Gas Grill Installations MUST HAVE MINIMUM TWO AIR-FLOW VENTS, either in ELEVATED POSITION for Natural Gas or LOWERED POSITION for Liquid Propane. Your Warranty may be VOID if island does not meet basic setup requirements.



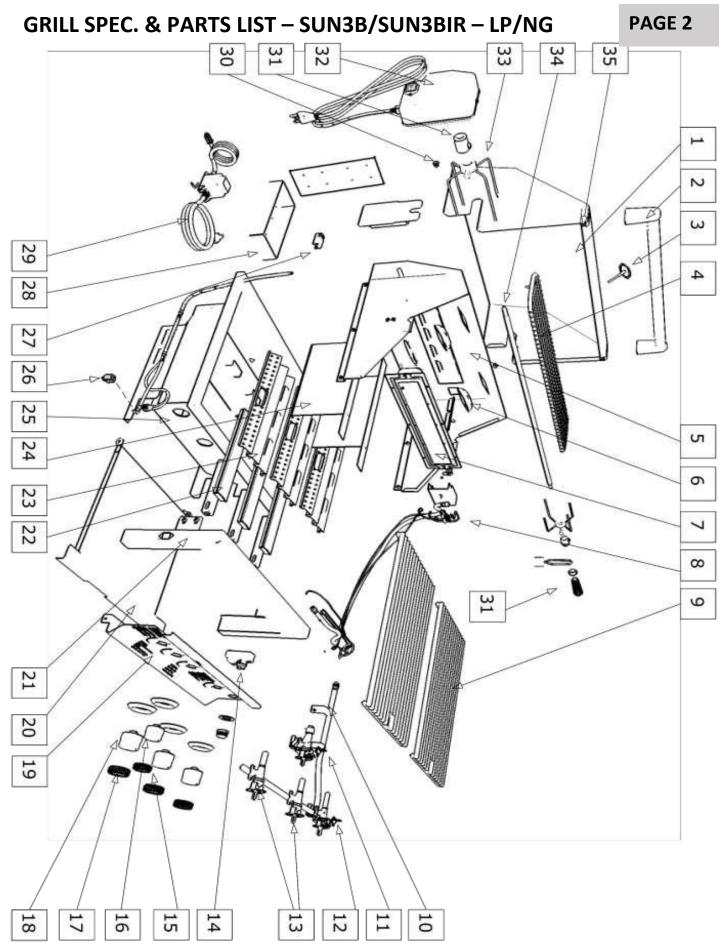


Hood Closed
OverallWidth 28"
OverallHeight 26"
Overall Depth 25-1/4"
ControlPanelHeight 11-1/8"
Hood Open Size
Counter toTop 26-1/4"
Overall Depth 27"
HoodOverhang 2"
Cut out Size
Width 25"
Depth 21-3/4"
Height 10-7/8"

26-1/4" FROM COUNTER TO TOP OF HOOD HANDLE WHEN HOOD IS OPEN



11-1/8" PRODUCT PANEL HEIGHT

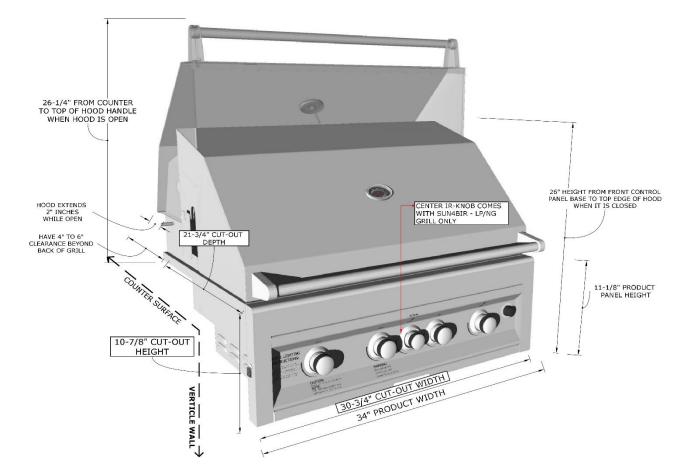


PAGE 3

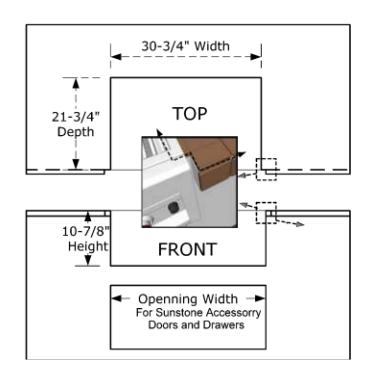
SUN3B/SUN3B-IR-LP/NGParts List					
U	pper Hood	1	Hood-3B		
2	HoodHandle		Hood-3B-H		
3	HoodThermometer	1	P-TMeter		
4	WarmingRack	1	P-WR		
5	GrillUpperBack Body	1	P-GUBB		
6	LightCover	2	P-Lcover		
7	IR Burner(Back Burner)	1	P-IRburner		
8	ImpulseIgniterWire	1	P-IIW		
9	GrillGrates	2	P-GSet3B		
10	Gas ManifoldPipe	1	P-GMP		
11	SafetyValve	1	P-SAlvalve		
12	Auto-Ignition Valve	1	P-Alvalve		
13	Standard Valve	2	P-Rsvalve		
14	ImpulselgniterBox	1	P-IIB		
15	SmallKnobRubberBand	1	P-Knob-S-RB		
16	SmallKnob	1	P-Knob-S		
17	Large KnobRubberBand	3	P-Knob-L-RB		
18	LargeKnob	3	P-Knob-L		
19	Front ControlPanel	1	P-CP		
20	Drip Tray	1	P-Dtray		
21	ControlPanelFrame	1	P-CPF		
22	I-Burner	3	P-GBurner		
23	Flavorizer	3	P-FL-3B		
24	Flame Divider	2	P-FDivider		
25	GrillBottomSupportFrame	1	P-GBSF		
26	LightSwitchBox	1	P-LSB		
27	RotisserieRodstowawayBracket	1P-R	RSR		
28	SmokerBox	1	P-SMBox		
29	Light Transformer	1	P-LT		
30	HoodAxle Bolt	2	P-HAB		
31	Rotisserie Hardware Group	5	P-RHG		
32	Rotisserie Motor	1	P-Rmotor		
33	RotisserieFork	2	P-Rfork		
34	RotisserieRod	1	P-RR		
35	HoodRubberStopper	2	P-HRS		

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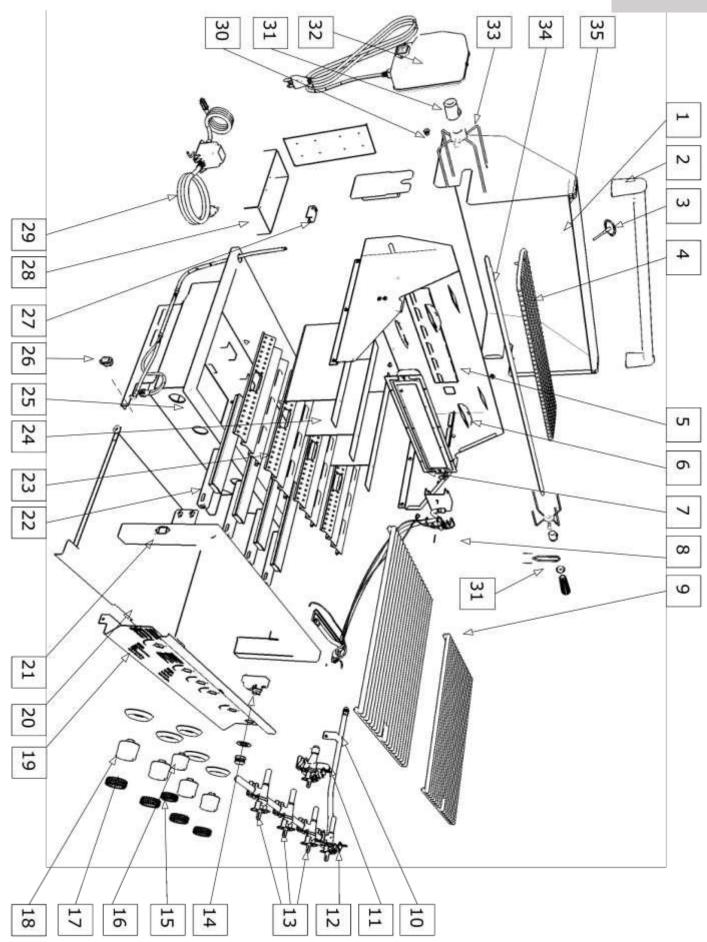
SUNSTONE 3 BURNER GRILL & SUNSTONE 3 BURNER W/IR GRILL ARE COMBINED IN THIS LIST



Hood Closed
OverallWidth 34"
OverallHeight 26"
Overall Depth 25-1/4"
ControlPanelHeight 11-1/8"
Hood Open Size
Counter toTop 26-1/4"
Overall Depth 27"
HoodOverhang 2"
Cut out Size
Width 30-3/4"
Depth 21-3/4"
Height 10-7/8"



### **GRILL SPEC. & PARTS LIST – SUN4B/SUN4BIR – LP/NG**



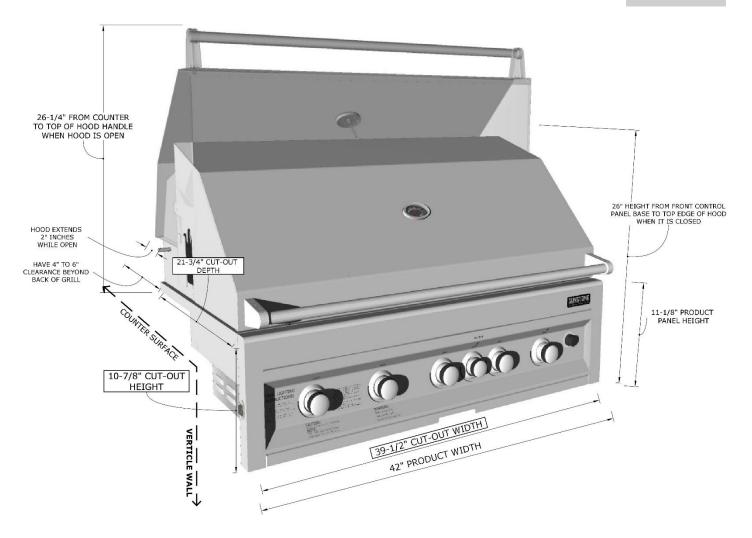
### **GRILL SPEC. & PARTS LIST – SUN4B/SUN4BIR – LP/NG**

PAGE 6

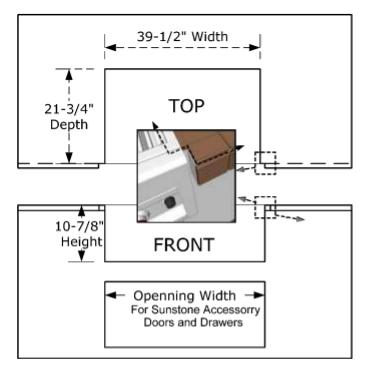
### SUN4B-IR-LP/SUN4B-IR-NG Parts List

1 Upper Hood	1	Hood-4B	SUNSTONE 4 BURNER G
2 HoodHandle	1	Hood-4B-H	- & SUNSTONE 4 BURNER
<u>3</u> HoodThermometer	1	P-TMeter	
4 WarmingRack		P-WR	W/IR GRILL ARE COMBII
5 GrillUpperBack Body	1	P-GUBB	IN THIS LIST
5 LightCover		P-Lcover	
7 IR Burner(Back Burner)	1	P-IRburner	
8 ImpulselgniterWire		P-IIW	
9 GrillGrates	2	P-GSet3B	
10 Gas ManifoldPipe		P-GMP	
11 SafetyValve	1	P-SAlvalve	
12 Auto-Ignition Valve		P-Alvalve	
13 Standard Valve	3	P-Rsvalve	
14 ImpulseIgniterBox		P-IIB	
15 SmallKnobRubberBand		P-Knob-S-RB	
16 SmallKnob		P-Knob-S	
17 LargeKnobRubberBand	4	P-Knob-L-RB	
18 LargeKnob		P-Knob-L	
19 Front ControlPanel	1	P-CP	
20 Drip Tray		P-Dtray	
21 ControlPanelFrame	1	P-CPF	
22 I-Burner	4	P-GBurner	
23 Flavorizer	4	P-FL-4B	
24 Flame Divider	3	P-FDivder	
25 GrillBottomSupportFrame	1	P-GBSF	
26 LightSwitchBox	1	P-LSB	
27 RotisserieRodstowawayBracket		RSR	
28 SmokerBox	1	P-SMBox	
29 Light transformer		P-LT	
30 HoodAxle Bolt	2	P-HAB	
31 RotisserieHardwareGroup		P-RHG	
32 Rotisserie Motor	1	P-Rmotor	
33 RotisserieFork	2	P-Rfork	
34 RotisserieRod	1	P-RR	
35 HoodRubberStopper		P-HRS	7

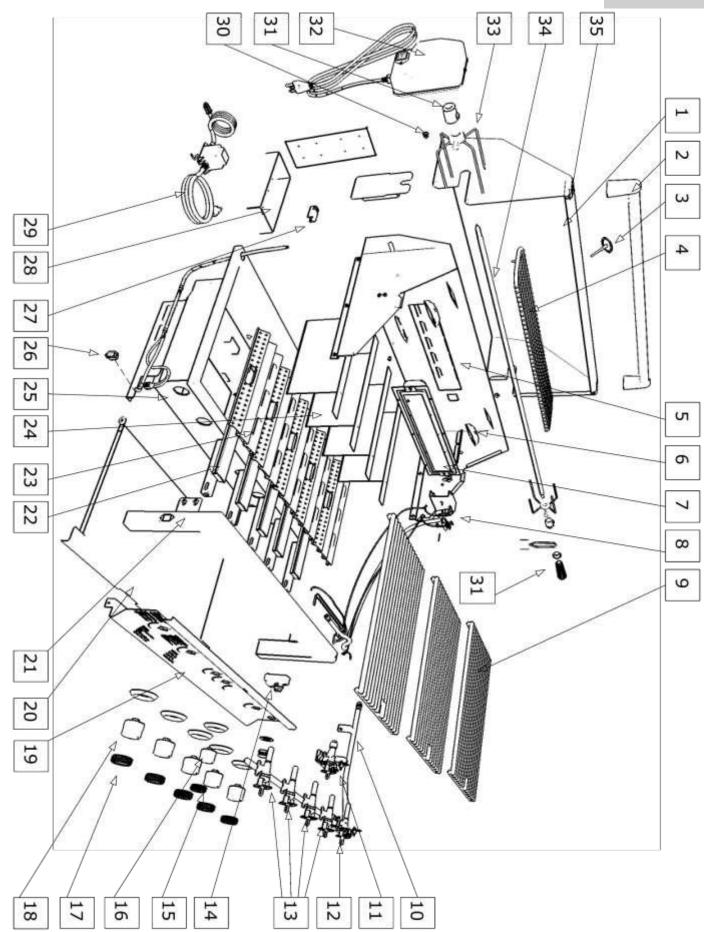
### **GRILL SPEC. & PARTS LIST – SUN5BIR – LP/NG**



Hood Closed
OverallWidth 42"
OverallHeight 26"
Overall Depth 25-1/4"
ControlPanelHeight 11-1/8"
Hood Open Size
Counter toTop 26-1/4"
Overall Depth 27"
HoodOverhang 2"
Cut out Size
Width 39-1/2"
Depth 21-3/4"
Height 10-7/8"



### **GRILL SPEC. & PARTS LIST – SUN5BIR – LP/NG**

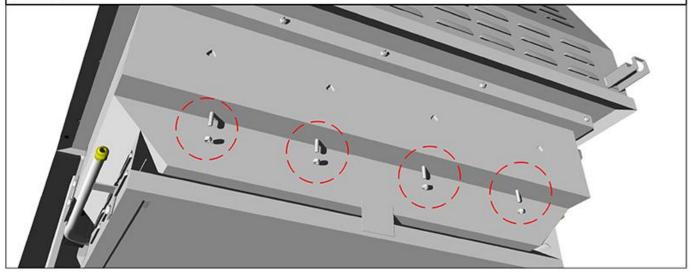


### GRILL SPEC. & PARTS LIST – SUN5BIR – LP/NG

SUN5B-IR-LP/SUN5B-IR-NG Parts List					
1	Upper Hood	1	Hood-5B		
2	HoodHandle	1	Hood-5B-H		
3	HoodThermometer	1	<u>P-TMeter</u>		
4	WarmingRack	1	<u>P-WR</u>		
5	GrillUpperBack Body	1	P-GUBB		
6	LightCover	2	P-Lcover		
7	IR Burner(Back Burner)	1	P-IRburner		
8	ImpulseIgniterWire	1	P-IIW		
9	GrillGrates	3	P-GSet5B		
10	Gas ManifoldPipe	1	P-GMP		
11	SafetyValve	1	P-SAlvalve		
12	Auto-Ignition Valve	1	P-Alvalve		
13	Standard Valve	4	P-Rsvalve		
14	ImpulseIgniterBox	1	P-IIB		
15	SmallKnobRubberBand	1	P-Knob-S-RB		
16	SmallKnob	1	P-Knob-S		
17	LargeKnobRubberBand	5	P-Knob-L-RB		
18	LargeKnob	5	P-Knob-L		
19	Front ControlPanel	1	P-CP		
20	Drip Tray	1	P-Dtray		
21	ControlPanelFrame	1	P-CPF		
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23	Flavorizer	5	P-FL-5B		
24	Flame Divider	4	P-FDivder		
25	GrillBottomSupportFrame	1	P-GBSF		
26	LightSwitchBox	1	P-LSB		
27	RotisserieRodstowawayBracket	<sup>1</sup> P-R	RSR		
28	SmokerBox	1	P-SMBox		
29	Light PowerBox	1	P-LPB		
29	Light transformer	1	P-LT		
30	HoodAxle Bolt	2	P-HAB		
31	RotisserieHardwareGroup	5	P-RHG		
32	Rotisserie Motor	1	P-Rmotor		
33	RotisserieFork	2	P-Rfork		
34	RotisserieRod	1	P-RR		
35	HoodRubberStopper	2	P-HRS		

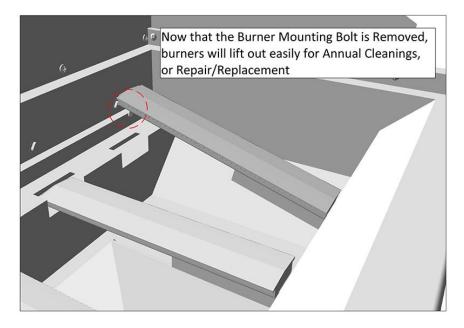
### **GRILL INSTALLATION – BURNER BOLT REMOVAL**

**IMPORTANT - REMOVE ALL BURNER MOUNTING BOLTS BEFORE INSTALLION INTO ISLAND CUT-OUT.** These Burner Mounting Bolts are in the Back Under Side of the Grill, they are placed on the burners to keep them stationary during shipping, these bolts are Not Required during usage and if not removed prior to installation may become burdensome when replacing the burners in the future.



### Why is this Important!

The intensity of the Gas Burners will gradually erode layers of materials of the Stainless-Steel Burners causing them to eventually Burn-Through, thus causing Flare-Ups. When this happens, you will need to replace the Burners, and if the Burner Bolts are still attached, they may have Corroded and become difficult to later remove. By removing these before installation, the burners will be easily removed at any later time, either for replacement or for annual cleanings.



### **GRILL INSTALLATION – GFCI TRANSFORMER FOR LIGHTS**

**PAGE 11** 

<u>LIVE CIRCUIT</u>:Indicates a potentially hazard from Liveelectrical current that if extreme caution is notused, may result in minor or moderatepersonal injury, or property damage.

#### 1.Locatethetransformer

Remove the transformer from the plastic baglocated in the interior of grill. Makes ure the Transformer is complete, and double check the grill light plug cord is properly secured to transformer, and all wires are firmly fixed into plastic clipplug.

#### 2.MountTransformer

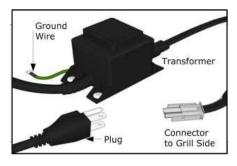
Usingmetalscrews and attach the transformer to the backinner wall of your islands cabinet wall, somewhere near the already installed GFCI electrical outlet. When youplug the transformer in, double check then GFCI breaker switch, that the outlet has power.

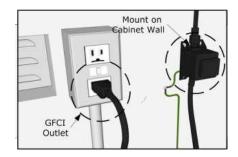
#### 4.MakeConnections

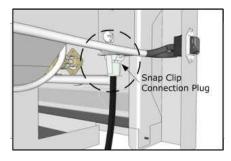
LocatetheLightSwitchonLeftsideof grillcontrol panel.The Transformer'selectricalconnectionto grillislocated behindcontrolpanel,next tolight switch. The connectionclips together toforma secureconnection.Doublecheck that allwiresare tightlypushedintoplugsockets, soall wiresmake properconnections. Youcantuck wireintobodyof grillorislandframe,soit's upandout of theway.

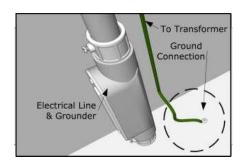
### 3.InstalltheGroundWire

Theshortgreenwireextendingfromoffthe transformerelectricaladapterisrequiredto be grounded.Dependingonthelocation youdecideto installtransformer,itmay benecessary toextend the wireso thatitcanreachagroundingstructure. A groundingstructureisanysolidstructure that makes contact with the earth.









### **GRILL INSTALLATION – OVERVIEW & REQUIRMENTS**

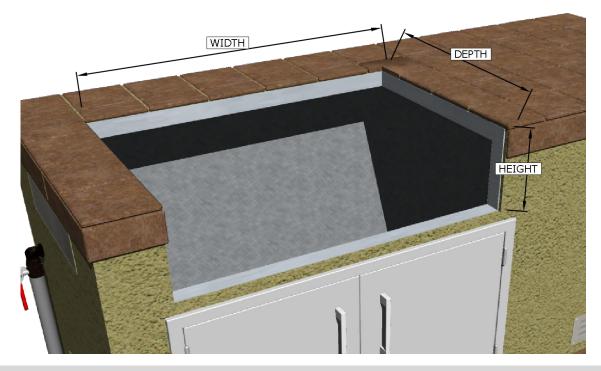
**PAGE 12** 

### **Grill Cut-Out**

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Your grill is SELF-RIMMING, meaning the lip of grill rests on top of the counter edge around the cut-out with the front of grill which is Free-Hanging from counter top. Because of this, there is No Need for any Trim-Kit like with many other grill in the market.

**ATTENTION:**Never build shelf or enclose interior space under the BBQ Cut-Out. The Grill is Self-Rimming and is supported by the top counter surface on the Back and Sides, the front of grill is designed to Free-Hang. The bottom of Grill needs to be open to allow for proper ventilation.

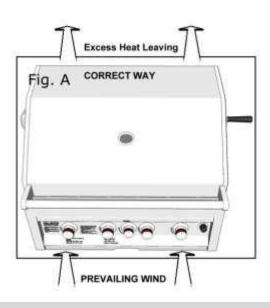


### **Sunstone Series Grill Island Cut-Out Dimensions**

ITEM NO.	WIDTH	DEPTH	HEIGHT
SUN3B/IR – LP/NG	25" Inch	21-3/4" Inch	10-7/8" Inch
SUN4B/IR – LP/NG	30-3/4" Inch	21-3/4" Inch	10-7/8" Inch
SUN5BIR – LP/NG	39-1/2" Inch	21-3/4" Inch	10-7/8" Inch

### **GRILL INSTALLATION – AIRFLOW & PREVAILING WIND**

**PAGE 13** 



1.Slide GrillinPlace

YourSunstone<sup>™</sup> grillisspecially designed with aninternalbuiltinhangerlip locatedat the Right,Left andBacksides. Thegrillipallows it tohangbythe threesupported edgeson the right,leftandback. The front controlpanel requiresnosupportingedge;itisdesigned to hangdownthefrontofyourcut-out.

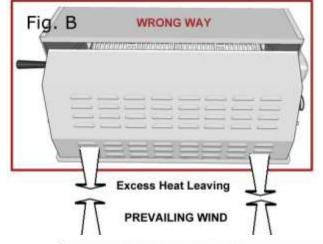
#### 2.Allow for Ventilation

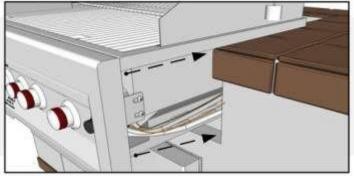
YourSunstone<sup>™</sup> grillis engineered withspecial ventsonthebackof unit,whichallowproper airflow out of thebackofgrill,alsoincreased airflow intoInfra-redBurnergaschamber. Be sureyouallow aminimumof 4"behindgrillfor properairventilation. Slidegrillallthe way into cut-out,sotherearenogaps present toinside ofislandframe.

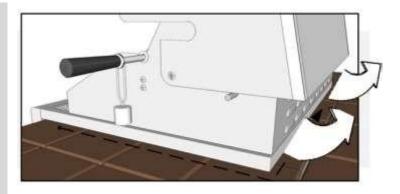
#### **3.SecuringinPlace**

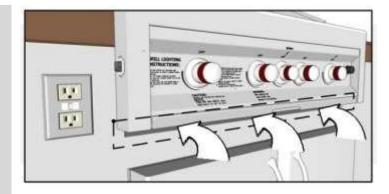
Thecontrol panel isdesigned to sit flushagainstthe islandface. If counter top extends beyondtheislands face,creatinga countertop overhang, itmust becut flushwith theislandfacewherethewidthof the control panelor a gapwillbecreated exposing the forward portionsof theleftandright-side firewalls. Also,besuretoallowatleasta1" of clearance below Drip pan, as given in the cut-out height dimensions.

In**FIG.B,**Excess heatleaves throughbackofgrill, butis blocked by PrevailingWind,causingoverheatingofgrill.









### **ISLAND LOCATION – OPEN AREA INSTALL**

#### Windy Conditions

Your grill is specially designed to draw fresh air in through the front, and direct it to the bottom burners. When grilling the hot gases are then released through the back of grill through a venting system. Using your grill in windy conditions may disrupt the front-to-back air flow.

- 1. For breezy days, be careful not to leave the front hood down for more than 15 minutes, when the burners are on. (Never leave grill unattended when in operation)
- 2. If you suspect the grill is overheating, using an oven mitt, open the front hood. Thenadjust the burner control knob to off position.
- 3. Orient the grill so the Prevailing winds are not blowing into the rear or side of grill.

### ٨

**ATTENTION:** Take special precaution when installing grill in open Breezy area, check the direction of Prevailing Wind Direction, if back of grill is facing any oncoming wind or breeze, be sure to protect the back of grill, erect a partition wall, or only use grill with hood open on breezy days.

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**<u>ATTENTION</u>**: If you do not have a partition wall, always Grill with the Hood Open, and additionally completely open the bottom Access Doors below the Grill, in order to vent out excess heat buildup.

### ٨

**<u>ATTENTION</u>**: All Gas Grill Installations MUST HAVE MINIMUM TWO AIR-FLOW VENTS, either in ELEVATED POSITION for Natural Gas or LOWERED POSITION for Liquid Propane. Your Warranty may be VOID if island does not meet basic setup requirements.

### Windy Area

Positioning your grill in your backyard is more often thought of how it is pleasing to the eye, but more important than this is how that it functions correctly. Unlike an indoor appliance, your grill has to combat many outside weather influences in an all manner of weather related instances, most severely is Wind.

- 4. Maintain proper Prevailing wind, grill direction with the front of grill facing in to the wind, and the back of grill in the direct wind is blowing.
- 5. If direction of wind is unclear, or difficult to combat even with preventative measures, then always grill with the hood open, and when hood is closed always be within close proximity to grill and monitor it that it does not overheat.
- 6. If wind or breeze is in the direction of back of grill, you must erect partition wall of 14" height so that the top of grill hood is covered by several inches. If this is not done, you must grill with hood open and or when hood is closed stand in close area to grill and monitor if the grill overheats.

### **ISLAND LOCATION – ENCLOSED INSTALL**

#### **Clearances to Non-Combustible Construction\*:**

A minimum of 4" to 6" clearance from the back of the grill to non-combustible construction is required for the purpose of allowing the lid to open fully. It is desirable to allow at least 6" rear and side clearance to construction above the cooking surface for counter space. If you'll be using the rotisserie option, the space is essential for motor and skewer clearance.

**ATTENTION:** All Gas Grill Installations MUST HAVE MINIMUM TWO AIR-FLOW VENTS, either in ELEVATED POSITION for Natural Gas or LOWERED POSITION for Liquid Propane. Your Warranty may be VOID if island does not meet basic setup requirements.

**BODILY INJURY:** Failure to maintain required clearances creates a fire hazard that may result in property damage or serious personal injury.

#### **Clearances to Combustible Construction\*\*:**

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Minimum of 24" from the sides and rear of grill must be maintained to adjacent vertical combustible construction, above the counter top level. You should take in account that there is a large volume of heat, and smoke will exhaust from the rear of the grill. This may discolor or damage unprotected areas, do not install under unprotected combustible construction without using a fire safe ventilation system.

A 24" minimum clearance must be maintained under the counter top to combustible construction. The clearance can be modified by a use of an insulated jacket.

Minimum Distances to Combustible Materials or other				
Appliance <u>ONLY</u> , Non-Combustible materials do not apply!				
From Counter to Overhead Structure	4' to 6' ft. Min.			
From Counter to Outdoor Vent Hood	48" Min. Clearance			
From Floor to Counter Top	42" Min. Clearance			
From Grill to Vent Hood Width	4"-6" Min. Clearance			
From Appliance to Appliance	3" Min. Clearance			
From Appliance to Combustible Material	24" Min. Clearance			

**\*\* DEFINITION OF COMBUSTIBLE MATERIAL -** Anymaterials of a building structure or decorative structure made of wood, compressed paper, plant fibers, vinyl/plastic or other materials that are capable of transferring heat or being ignited and burned. Such material shall be considered combustible even though flame-proofed, fire-retardant treated or surface-painted, or plastered.

### GAS SETUP - LP GAS HOOK-UP

#### **GAS REQUIREMENTS**

Verify the type of gas supply to be used, either NG or LP, and make sure the marking on the appliance rating sticker agrees with that of the supply. The rating sticker is located on the back of the Gas Manifold Pipe. Never connect an unregulated gas line to the appliance. You must use the gas regulator provided with the unit, even if the supply is controlled. An installer-supplied gas shut-off valve must be installed in an easily accessible location. All pipe sealants must be an approved type and resistant to the actions of LP gases. Never use pipe sealant on flare fittings. All gas connections should be made by a qualified technician and in accordance with local codes and ordinances. Gas conversion kits are available from Customer care by dialing 888-934-9449, press option #1. When ordering gas conversion kits, have the model number, and the type of gas (natural or LP) from your grill.

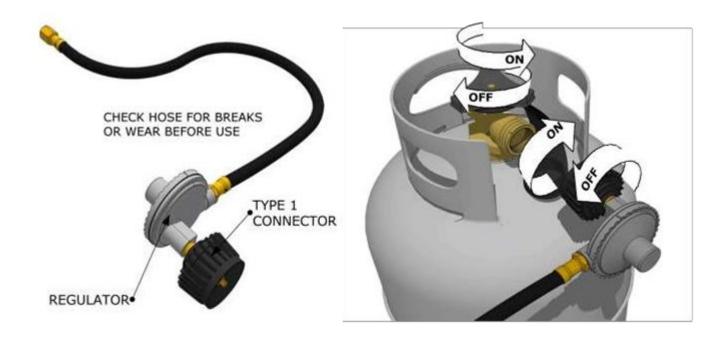
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**BODILY INJURY:** Before connecting LP tank to regulator, check that all grill burners and side burners, smokers, and rotisserie valves are in the OFF position and open grill lid.

### Liquid Propane Gas Hook-Up

TheType1connection system hasthefollowingfeatures:Thesystemwillnot allow gas toflowuntilapositiveconnectionhasbeenmade.NOTE:The cylinder controlvalvemustbe turnedoff beforeany connectionismadeorremoved.Thesystemhasathermalelement that willshut off the flowof gas intheevent of afire. Thesystemhasaflow limitingdevicewhich,whenactivated,willlimit the flowofgasto10cubic feet per hour.NEVERusegrill without leak testing.

### For LP Gas Grills, it is shipped with a LP Medium Pressure Regulator

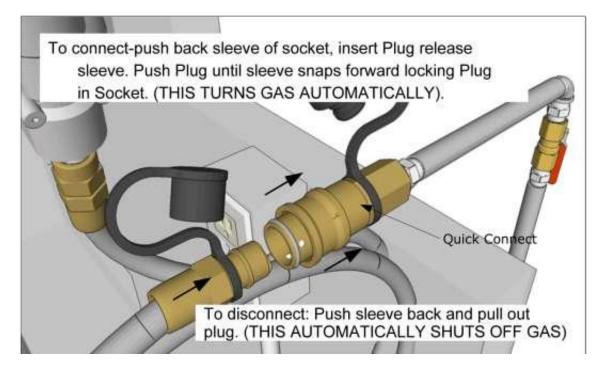


### **GAS SETUP – NG GAS INSTALLATION**

#### NG Gas Hook-up

NaturalGasgrills is designed to operate on NaturalGasONLY, at a pressure regulated at 7" water column(W.C.) when equipped with the correct natural gas orifices on the valves and a NG regulator on the supply line regulated at the residential meter.

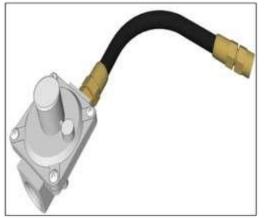
#### **NG Quick Connect Hose Operation**



### For NG Gas Grills, it is shipped with a NG Medium Pressure Regulator

<u>& 18" long Hose.</u>

(NG Adapters, Small Flexable Hose and Regulator are pre-installed on grill)

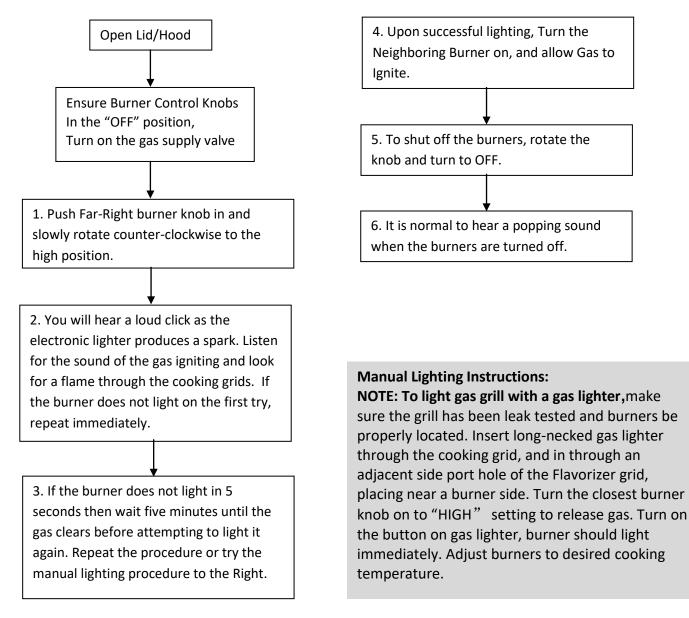


### **GRILL START-UP – LIGHTING THE GRILL**

**EXPLOSION:** When Lighting the Grill, Hold the Knob in until Burner Ignites. DO NOT RELEASE KNOB, GAS WILL CONTINUE TO FLOW. ALWAYS IGNITE GRILL WITH HOOD OPEN!

**WARNING:**Neverstand withyour headdirectly overtheGrill when lighting theMain Bottom Burner or Rotisserie Back IR Burner, toprevent possibleinjury.

### **Lighting Instructions**



### **GRILL START-UP – ROTISSERIE ROD SETUP**

Rotisserieismostlyusedtocook largepiecesofmeatandpoultrytoassureslow, even cooking. The constant turningprovides aself-bastingaction,making foodcookedonarotisserieexceptionally moist andjuicy.Rotisseriecookinggenerally requires 1 ½to4½hourstocookdependingon thesizeandtypeofmeat beingcooked.Youcanhaverotisseriecookingwithindirect heatwithinfraredrotisserieburner. Preferredby professionalchefsoverother methods, theintenseheatisidealforsearinginthenatural juicesandnutrientsfoundin qualitymeats.Forsuccessfulrotisserie,themeatshouldbecenteredand balancedasevenlyaspossibleonthespitrod toavoidoverworkingtherotisseriemotor.

- 1. Attach Motor BracketAssembly tothesideof thebarbecueframe(can bemounted oneitherleft ortheright sideoftheframe) usingtwoscrews and two nuts.
- 2. InsertRotisserie Motoronto Motor BracketAssembly.
- 3. SlideProngForks with the prongsfacingaway from the handleon to the SpitRod. So that any food item will be in the center between the two four prong forks.
- 4. AssembleKeyWasher,Counter-balanceandhandletoSpit Rod. SlideShaftCollarwithlongend towardshandle.
- 5. Insert motorextensioncord three prong plugintoan adjacent grounded GFCIreceptacleoutlet.
- 6. Beforeplacingfooditemonforks whentherotisserieisbeingoperated exclusively, it is strongly recommended that apanbe placed onthegrillinggrids, beneaththefoodto catchthemeat drippings. This will prevent excessive build upof drippings on the grids and facilitate cleaning. When food itemisplaced on rotisserie, besure that all Boltsare tightened securely.

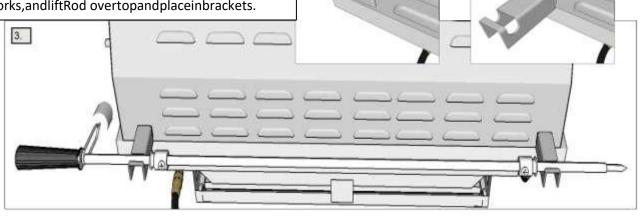
**NOTE:**ClosehoodcarefullyandalignMotorBracketandShaft MountingBracketsothat RotisserieRod isin betweenthe hoodopenings.

### Lightingtherotisserieburner

- 1. Grillsurface burnersshouldbe offfor rotisserie cooking
- 2. MakesureRotisseriemotorisplugged in toGFCloutletand turnit on.
- 3. Meat should be centered and balanced on the rotisseries pit rod for efficient cooking.
- 4. Usea drippan under themeat to catchanyjuices
- 5. Keephoodclosedwhen cookingwiththerotisserie

### **Optional RotisserieRodStow-Away**

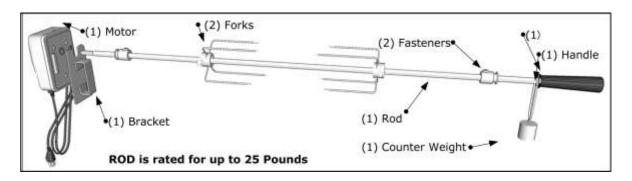
- 1. Locatetwoleftandrightnotches atbackof grill.
- 2. Locatetworemovable brackets, and hook inplace.
- 3. Un-mountRotisserieRodfromgrill,onlyremoving the Forks,andliftRod overtopandplaceinbrackets.



1.

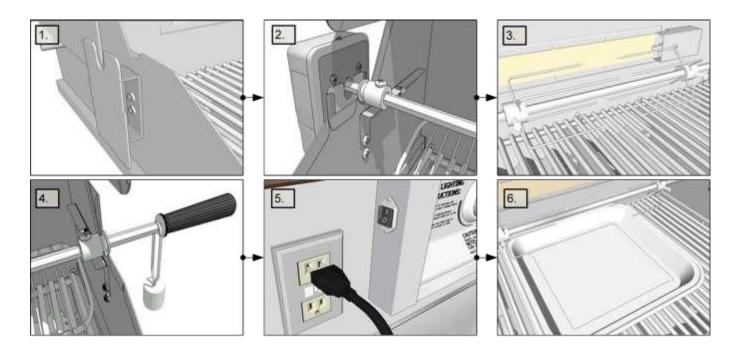
2

### **GRILL START-UP – ROTISSERIE ROD SETUP**



Rotisserieassemblycanbepurchased individuallyeither byindividualitem, or ina completeset,foryour sizeof grill.Therotisserie assemblycanalso beusedwith or withoutan infra-red backburner.

Name	Qty.	PartNo.
3BurnerRotisserieset	1	PRK-3B
4BurnerRotisserieset	1	PRK-4B
5BurnerRotisserieset	1	PRK-5B



### **ElectricalGroundingInstructions:**

Therotisseriemotorisequippedwithathree-pronggroundingplugforyourprotectionagainstelectric shock. Thisplugmust beinserted directly into a properly grounded three-prongreceptacle. Do not cut orremove the grounding prong from this plug.

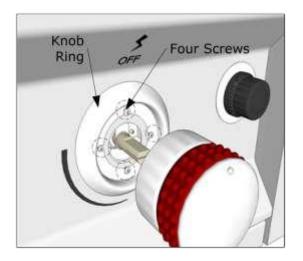
Therotisseriemotormust beelectrically groundedin accordancewithlocalcodesor, in the absence of localcodes, in accordancewith the National Electrical Code, ANSI/NFPA70-1990 or Canadian Electrical Code, CSA C22.1.

### **GRILL START-UP – KNOB MAINTANCE**

### Knob & RingAdjustment

Whileturninganyof the knobsandyounoticeany onestickingorrubbing, Follow these steps.

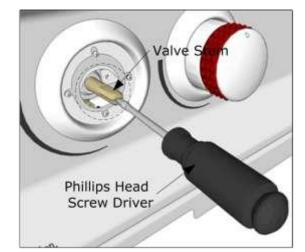
- 1. Turn each knobforany issues
- Forknobthat rubs orsticks wheneither turned or pushedin,removeknobandunscrewthe fourscrews slightly,soringisloosened. (DONOTREMOVESCREWS COMPLETLEY)
- 3. ReplaceKnobbackon,MoveKnobRingLeft,Right,Up, andDown, tillit isCenteredaroundKnob,thenremove knob,while holdingringinplace.
- Fasten allfourscrews tightly inplace, and replace knob backonvalvestem. Do this until knob turnsfreely, and when pushed in, releases properly.



### Knob &ValveAdjustment

Whileturninganyof the knobs, and you notice any areloose, and does not either turng as on, or turn off properly and or either one Auto-Ignition Knob does not ignite burner, follow these steps.

- 1. Turn each knobforany issues
- Forknobthat isloose, removeknob, and check tosee if the insideblack plastic guts are partially damaged. (IFDAMAGETOKNOBISNOTICED, CONTACT SUNSTONEFORKNOBREPLACEMENTBEFORE PROCEEDING)
- WithKnobremoved, usePhillips Flat-HeadScrew Driver, and very slightlypushtipintovalveslitat the headof ValveStem, to separatetwosides, and push them further apart. (DONOTPUSH TOOHARD, OR VAVLESTEM WILL SNAP, ONLY1/16" TO1/8"INIS USUALLYNEEDED)



4. ReplaceKnobbackonValveStem

Youshould noticeKnobismuchtighter onValve, and turns gasflowon/off Donot usean extension cord to supply power to your grill. Such use may result infire, electrical shock or other personalinjury. Donot installa fuse in the neutral or ground circuit. A fuse in the neutral or ground circuit may result in an electrical shock hazard. Donot ground this appliance to agas supply pipe or hot water pipe.

### SUNSTONE GRILL NON-TRANSFERABLE WARRANTY

### WARRANTY COVERS ORIGINAL PURCHASER ONLY, MUST HAVE COPY OF ORIGINAL INVOICE TO RECEIVE ALL WARRANTIES.

#### WARRANTY ON PARTS

- MAIN BURNERS ------- LIMITED LIFTIME, with ONE TIME REPLACEMENT
- COOKING GRATES ------ LIMITED LIFETIME
- FLAVORIZER GRIDS ------LIMITED LIFETIME
- FIREBOX & COMPONENTS ------LIMITED LIFETIME
- VALVES, KNOBS, LIGHTS & ALL OTHER PARTS -----1 YEAR WARRANTY

#### LIMITED LIFETIME WARRANTY

Stainless steel burner, Cooking Grids, Flavorizer Grids, Stainless Steel Housings (including liners, frames, ovens and barbecue faces), to be from defects in material and workmanship when subjected to normal domestic use and service for the lifetime of the original purchaser. This warranty does not include discoloration, surface corrosion, Burn Through and scratches which may occur during regular use. (See supporting burner Limited Lifetime, with One Time Replacement Warranty below)

#### LIMITED LIFETIME BURNER WARRANTY – W/ONE TIME REPLACEMENT

This warranty covers the burner for the Lifetime of the Grill with a One Time Replacement against surface corrosion and Burn Through, which is the most common reason for replacement of this part, and is what most other manufactures do not cover for. The most common reason this occurs when using High Cooking Temperatures, Excessive Humidity, Chlorine, and Salt that can affect the stainless-steel components. This warranty does not cover the burner in Commercial or Residential Communities, also for negligent use or misuse of the product, use with improper fuel/gas supply, improper installation of grill – including islands with NO Ventilations, must have minimum of Two Vents for each Gas Grill Appliance, High for Natural Gas, or Low for Liquid Propane and use contrary with operating instructions.

#### LIMITED ONE-YEAR WARRANTY

All other grill components including knobs, valves, tubing, light assembly, and covers are warranted to be free from defects in material and workmanship for a period of one year from the original date of purchase. **LIMITATIONS & EXCLUSIONS** 

- 1. Your Sunstone Grill MUST MEET MINIMUM SETUP REQUIRMENTS or your warranty may be VOID!
- 2. SUNSTONE GRILL warranty applies only to the original purchaser and may not be transferred.
- 3. SUNSTONE GRILL warranty is in lieu of all other warranties expressed or implied and all other obligations or liabilities related to the sale or use of its grill products.
- 4. SUNSTONE GRILL warranty shall not apply and SUNSTONE METAL PRODUCTS LLC. Is not responsible for damage resulting from misuse, abuse, alteration of or tampering with the appliance, accident, hostile environment, flare-up fires, improper installation, or installation not in accordance with the instructions contained in the User Manual, or the local codes.
- 5. SUNSTONE METAL PRODUCTS LLC. shall not be liable for incidental, consequential, special or contingent damages resulting from its breach of this written warranty or any implied warranty.
- 6. Some states do not allow limitations on how long an implied warranty lasts, or the exclusions of or limitations on Consequential damages. This warranty gives you specific legal rights and you may have other rights, which vary from state to state.
- 7. No one has the authority to add to or vary SUNSTONE GRILL warranty, or to create for SUNSTONE METAL PRODUCTS LLC. any other obligation or liability in connection with the sale or use of its products.

#### WHAT IS NOT COVERED& INTERNET PURCHASE DISCLAIMER

- 1. Shall not be responsible for and shall not pay for the following Installation or start-up.
- 2. Service by an unauthorized service provider;
- 3. Damage or repair due to service by an unauthorized service provider or use of unauthorized parts.
- 4. Damage caused by accidents, abuse, alteration, misuse, installation that is not in accordance with the instructions contained in the User Manual, or local codes.
- 5. To correct normal adjustments or settings, due to improper installation, commissioning or local gas supply properties.
- 6. Shipping and handling costs, export duties, or installation cost.
- 7. The cost of service calls to diagnose trouble; or Removal or re-installation cost.