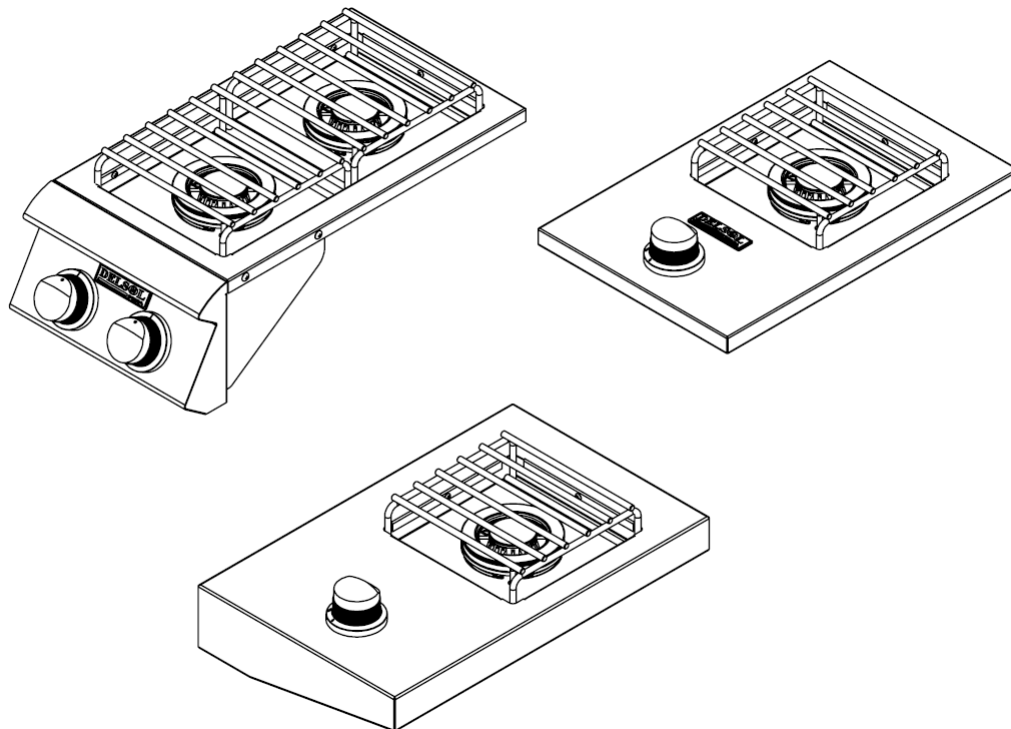




DELSOL SIDE BURNER INSTALLATION, USE & CARE MANUAL



MODEL: DSSB1D
 DSSB2
 DSSB1F

A special message...

Congratulations on your purchase of DELSOL Side Burner. DELSOL is committed to making outdoor cooking products you'll be proud to own for years.

This manual gives you easy to follow instructions for installing, operating and maintaining your DELSOL product. We recommend reading this manual carefully before your first use to ensure safety, proper care and operation. Keep this manual in a safe place for future reference.

Thank you and welcome!

DELSOL

FOR YOUR RECORDS

Please record the following information and refer to them when contacting the company or an authorized service agent. This information is found on the data nameplate, located on the inside right hand panel of the side burner or underside of top panel.

Model #: _____

Serial #: _____

Date of Purchase: _____

Place of Purchase: _____

Type of Gas: ☐ NG ☐ LP



To the Installer: Please read these instructions completely before installation and give this manual to the owner.

To the Owner: Keep this manual in a safe place for future reference.

IMPORTANT SAFETY INFORMATION

WARNING! Read this manual carefully and completely before using your side burner to ensure proper operation, proper installation, proper servicing and to reduce the risk of fire, burn hazard and/ or other injury.

<p style="text-align: center;">D A N G E R</p> <p>If you smell gas:</p> <ol style="list-style-type: none"> 1. Shut off gas to the appliance. 2. Extinguish any open flames. 3. If odor continues, keep away from the appliance and immediately call your gas supplier or fire department. 	<p style="text-align: center;">D A N G E R</p> <p>S'il y a une odeur de gaz:</p> <ol style="list-style-type: none"> 1. Coupez l'admission de gaz de l'appareil. 2. Éteindre toute flamme nue. 3. Si l'odeur continue, évite l'appareil et appelle tout de suite votre fournisseur de gaz ou les pompiers.
<p style="text-align: center;">W A R N I N G</p> <ol style="list-style-type: none"> 1. Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance. 2. An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance. 	<p style="text-align: center;">A V E R T I S S E M E N T</p> <ol style="list-style-type: none"> 1. Ne pas entreposer ni utiliser de l'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de l'appareil, ni de tout autre appareil. 2. Une bouteille de propane qui n'est pas raccordée en vue de son utilisation, ne doit pas être entreposée dans le voisinage de cet appareil ou de tout autre appareil.
<p style="text-align: center;">THIS IS FOR OUTDOOR USE ONLY:</p> <p>If stored indoors, detach and leave L.P. cylinder outdoors.</p>	<p style="text-align: center;">C'EST POUR UTILISATION à L'EXTÉRIEUR SEULEMENT:</p> <p>Si l'appareil est entreposé à l'intérieur, enlever les bouteilles et les laisser à l'extérieur.</p>
<p style="text-align: center;">B E F O R E L I G H T I N G</p> <ol style="list-style-type: none"> 1. Read instructions before lighting. 2. Open lid during lighting. 3. If ignition does not occur in 5 seconds, turn the burner control(s) off, wait 5 minutes, and repeat the lighting procedure. 	<p style="text-align: center;">A V A N T D ' A L L U M E R L ' A P P A R E I L</p> <ol style="list-style-type: none"> 1. Lisez les instructions avant d'allumer l'appareil. 2. Ouvrez le couvercle avant d'allumer l'appareil. 3. Si l'appareil ne s'allume pas en 5 secondes, fermez le robinet du brûleur, attendez 5 minutes, et procédez de nouveau à l'allumage.

GENERAL SAFETY REQUIREMENTS:

1. The installation of this appliance must conform with local codes or, in the absence of local codes, either the *National Fuel Gas Code, ANZI Z223.1/NFPA 54, or CAN/CGA-B149.1, Natural Gas Installation Code or CAN/CGA-B149.2, Propane Installation Code*.
2. This outdoor cooking gas appliance is not intended to be installed in or on recreational vehicles and /or boats.
3. This outdoor cooking gas appliance is intended for use outdoors and shall not be used in a building, garage or any other enclosed area.
4. **Minimum clearance of 12 inches from the back and sides of the unit to adjacent combustible construction must be maintained. This outdoor cooking gas appliance shall not be located under overhead-unprotected combustible construction.**
5. The utilization of an external electrical source requires that when installed, this outdoor cooking gas appliance must be electrically grounded in accordance with the local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1. Keep any electrical supply cord, or the rotisserie motor cord and the fuel supply hose away from any heated surfaces.
6. Keep your side burner in an area clear and free from combustible materials, gasoline and other flammable vapors and liquids.
7. DO NOT obstruct the flow of combustion and ventilation air to this appliance. Keep the ventilation openings of the cylinder enclosure free and clear from debris.
8. Check all gas connections for leaks with soapy water solution and brush. Never use an open flame. (Reference page 6 for leak test procedure).
9. Check flexible hoses for cuts and wear that may affect the safety before each use.
10. Never use the side burner in a windy area.
11. The pressure regulator and hose assembly supplied with the DELSOL Side Burner must be used. Replacement pressure regulators and hose assemblies must be those specified by DELSOL.
12. CALIFORNIA PROPOSITION 65-WARNING: The burning of gas cooking fuel generates some by-products which are on the list of substances known by the State of California to cause cancer or reproductive harm. California law requires businesses to warn customers of potential exposure to such substances. To minimize exposure to these substances always operate this unit according to the use and care manual, ensuring you provide good ventilation when cooking with gas.

In Massachusetts: All gas products must be installed using a "Massachusetts" licensed plumber or gasfitter. A "T" handle type manual gas valve must be installed in the gas supply line to this appliance. This applies to permanently installed natural gas and propane installations. This does not apply to propane portable installations using a 20 pound tank.

GAS SAFETY REQUIREMENTS

Each appliance is set and tested at the factory for the type of gas supply to be used. Identify the type of gas, either Natural Gas or LP gas and make sure that the marking on the data plate (rating plate) matches the gas being supplied to the side burner. The data plate is located on the inside right hand panel of the side burner or underside of top panel.

All gas connections should be made by a qualified technician and in accordance with local codes and ordinances. The installation must conform with local codes or, in the absence of local codes, with either the national Fuel Gas Code, ANSI Z223.1/NFPA 54, or CAN/CGA-B149.1, Natural Gas Installation Code or CAN/CGA-B149.2, Propane Installation Code.

WARNING:

CHECK TO ENSURE THAT THE GAS SUPPLY HOSE DOES NOT COME IN CONTACT WITH ANY HOT SURFACE OF THE SIDE BURNER.

NEVER CONNECT THE SIDE BURNER TO AN UNREGULATED GAS SUPPLY.

L.P. GAS (LIQUIFIED PETROLEUM /PROPANE)

If your side burner is factory built for L.P., the regulator supplied is set for 11" water column and is for use with L.P. gas only. The factory-recommended regulator and hose must be used with a 20 lb. L.P. cylinder.

L.P. GAS SAFETY REQUIREMENT

The LP-gas supply cylinder must be constructed and marked in accordance with the *Specifications for LP-gas Cylinders* of the U.S. Department of Transportation (D.O.T.) or the National Standards of Canada *CAN/CSA-B339, Cylinders, Spheres and Tubes for the Transportation of Dangerous Goods, and Commission*, as applicable; and

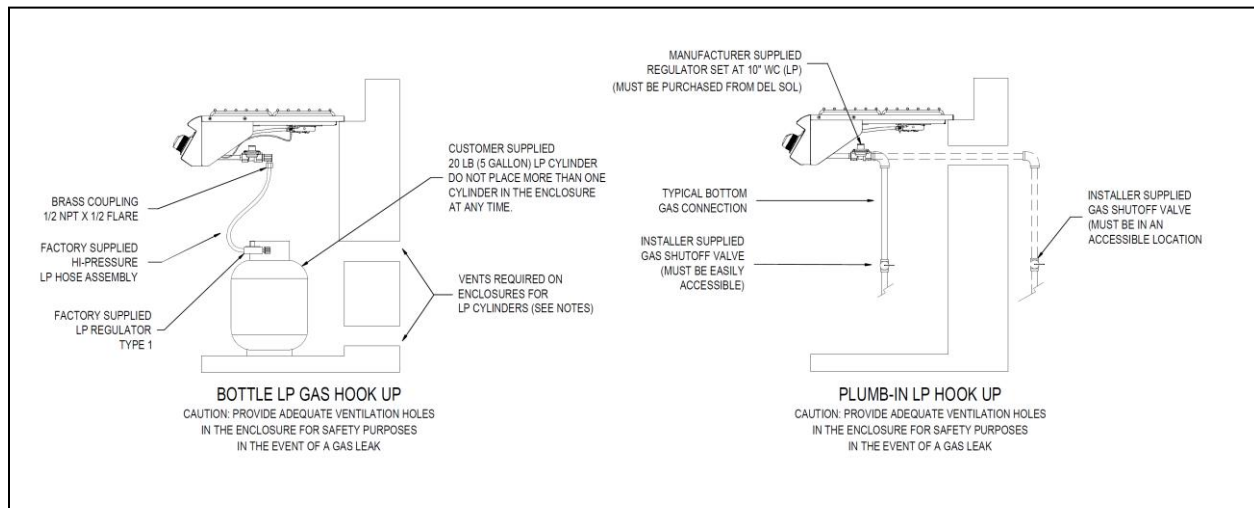
1. Provided with a listed overfilling prevention device.
2. Provided with a cylinder connection device compatible with the connection for outdoor cooking appliances.

It must be provided with a shut-off valve terminating in gas tank valve outlet. It must include a collar to protect the cylinder valve. The cylinder supply system must be arranged for vapor withdrawal.

Do not operate the side burner indoors or in any enclosed area. If the side burner is not in use, the gas must be turned off at the supply cylinder. If the side burner is to be stored indoors, disconnect the gas supply cylinder and leave the cylinder outdoors out of reach of children and must not be stored in a building, garage or any other enclosed area.

LP GAS HOOK-UP

DELSOL side burner for the use of LP gas comes equipped with its own regulator, which **MUST NOT** be removed. Install the factory-supplied hose and regulator assembly as shown. Connect the $\frac{3}{8}$ " flare end of the hose to the side burner coupling using a $\frac{3}{4}$ " open wrench. Do not apply pipe sealant to the $\frac{3}{8}$ " flare connection. Connect the regulator to the LP cylinder hand tighten it, do not use a wrench. Check for leaks using soapy water solution. (Reference page 6 for leak test procedure).



Note: An enclosure for LP gas cylinder must be vented on the level of the cylinder valve and at floor level. The effectiveness of the opening(s) for purposes of ventilation shall be determined with the LP gas supply cylinder in place. This shall be accomplished by one of the following:

- One side of the enclosure shall be fully open; or
- For an enclosure having four sides, a top and a bottom:
 - At least two ventilation openings at cylinder valve level shall be provided in the sidewall, equally sized, spaced at 180 degrees (3.14 rad), and unobstructed. Each opening shall have a total free area of not less than $\frac{1}{2}$ square inch per pound ($7.1 \text{ cm}^2/\text{kg}$) of stored fuel capacity and not less than a total free area of 10 square inches (64.5 cm^2).
 - Ventilation opening(s) shall be provided at floor level and shall have a total free area of not less than $\frac{1}{2}$ square inch per pound ($7.1 \text{ cm}^2/\text{kg}$) of stored fuel capacity and not less than a total free area of 10 square inches (64.5 cm^2). If ventilation openings at floor level are in a sidewall, there shall be at least two openings. The bottom of the openings shall be at floor level and the upper edge no more than 5 inches (127 mm) above the floor. The openings shall be equally sized, spaced at 180 degrees (3.14 rad) and unobstructed.

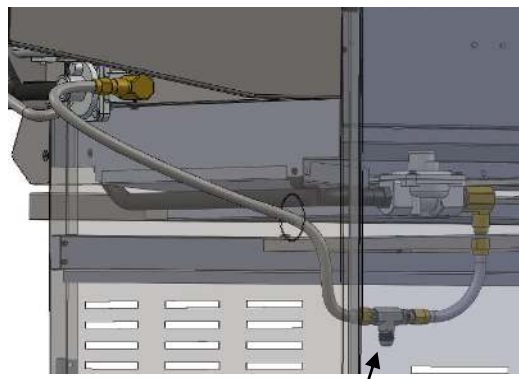
PORTABLE LP CONNECTION

- NOTE: USE ONLY A 20-LBS. (5-GALLON CAPACITY) GAS CYLINDER.
- WARNING: DO NOT PLACE MORE THAN **ONE** CYLINDER IN THE CABINET ENCLOSURE AT ANY TIME.
- WARNING: DO NOT USE A DENTED OR RUSTED LP CYLINDER.
- NEVER USE A CYLINDER WITH A DAMAGED VALVE.
- ALWAYS CHECK FOR LEAKS AFTER CHANGING THE LP CYLINDER. (Page 6)
- THE HIGH PRESSURE LP REGULATOR (SOLD SEPARATELY) MUST BE USED WITHOUT ALTERATION.

DELSOL side burners for the use of LP gas comes equipped with its own regulator, which **MUST NOT** be removed.

- 1) To install the gas cylinder, place the cylinder onto the provided location.
- 2) Check to ensure that the tank's gas valve on top of the cylinder is closed.
- 3) Connect the $\frac{3}{8}$ " flare end of the hose to the grill coupling using a $\frac{3}{4}$ " open Wrench. Do not apply pipe sealant to the $\frac{3}{8}$ " flare connection.
- 4) Connect the LP regulator to the cylinder and hand-tighten only. Open the tank valve and make sure all connections are leak tight using a soapy water solution and a brush. (Reference page 6 for leak test procedure).

Typical Freestanding side burner gas hookup



T Adapter
($\frac{3}{8}$ " Threaded)

! WARNING !

DO NOT STORE SPARE LP-GAS CYLINDER UNDER OR NEAR THIS APPLIANCE.

NEVER FILL THE CYLINDER BEYOND 80 PERCENT FULL.

FAILURE TO DO SO, A FIRE CAUSING DEATH OR SERIOUS INJURY MAY OCCUR.

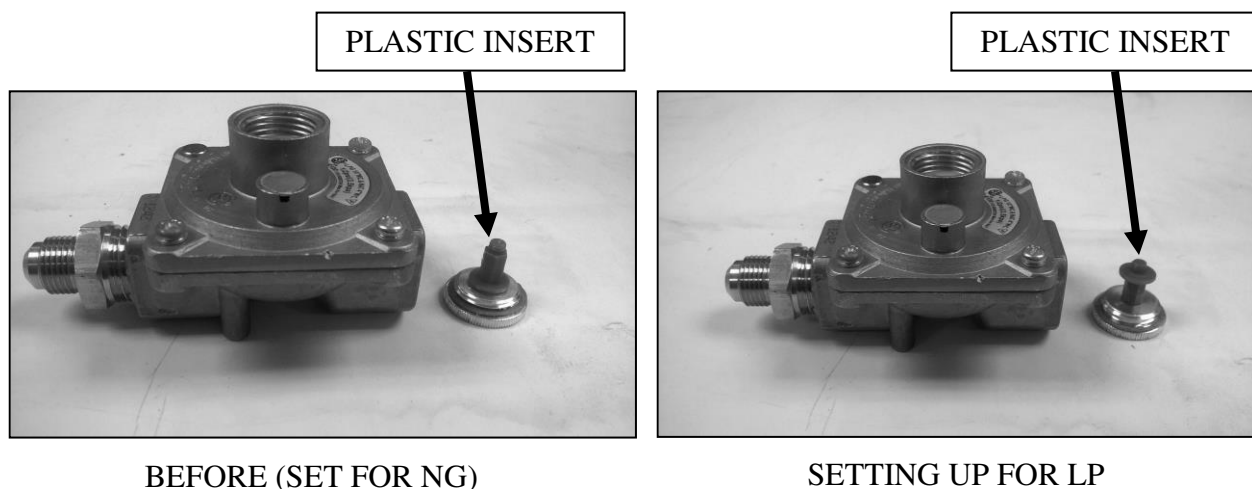
NATURAL GAS INSTALLATION

The installation must conform with local codes or, in the absence of local codes, with either the national Fuel Gas Code, ANSI Z223.1/NFPA 54, or CAN/CGA-B149.1, Natural Gas Installation Code or CAN/CGA-B149.2, Propane Installation Code.

1. This gas appliance and its individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at the test pressures in excess of 1/2 psi (3.5 kPa).
2. This appliance must be isolated from the gas supply piping system by closing its individual manual shutoff valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psi (3.5 kPa).

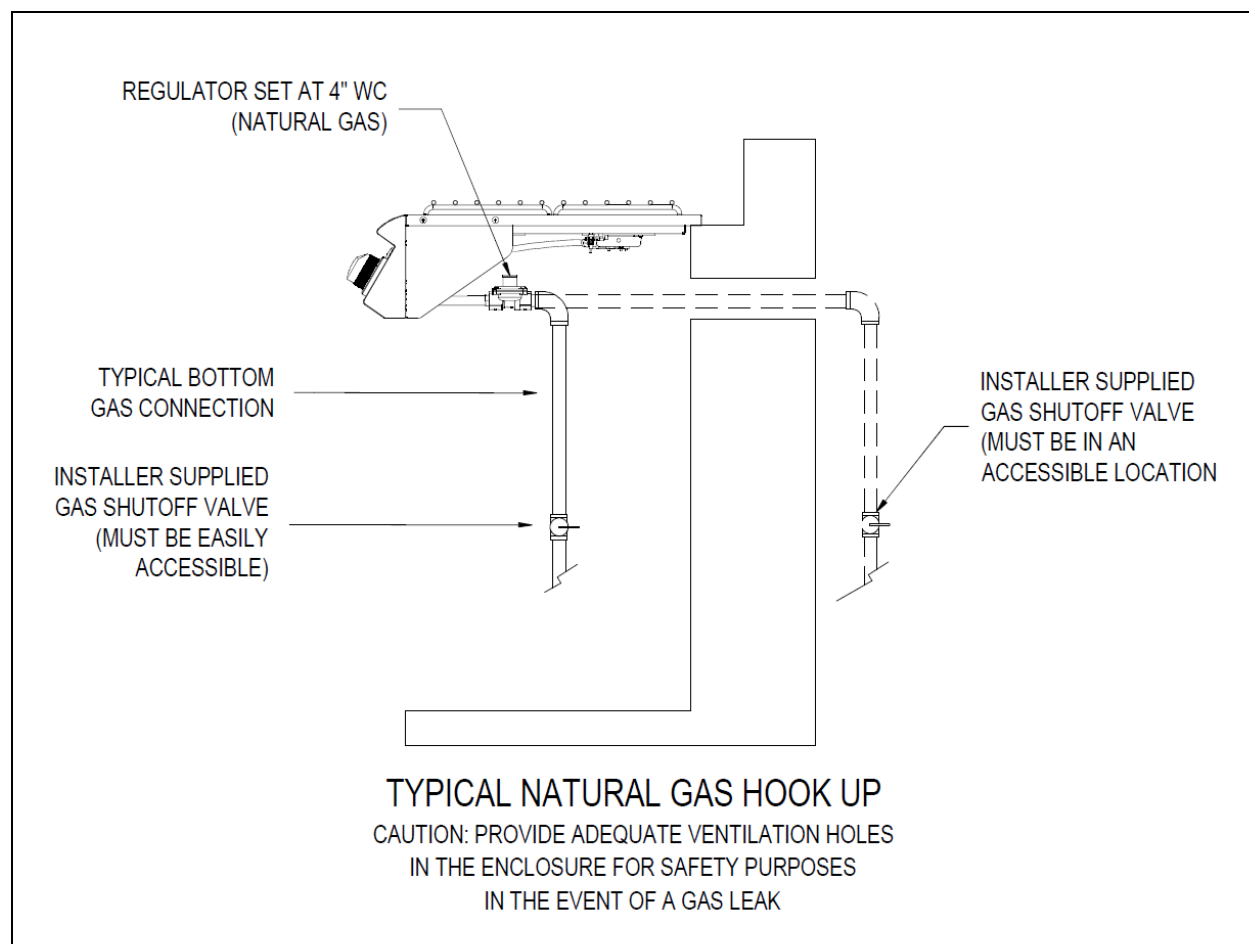
If the gas side burner is factory built for Natural Gas, the regulator supplied is set for 4" water column. The regulator is convertible to 10" water column for plumb-in system LP application. **Do not use with a 20-lb LP cylinder.** Make sure that the regulator is set for the correct gas type. To check, remove the brass hex cap. You will find the conversion plastic pin attached to the cap to the underside of the cap.

If the disc (1/2 in. diameter) of the pin is close to the cap, then the regulator is set for Natural Gas. If the disc is at the tip of the pin, away from the brass cap, the regulator is set for system LP application. To convert to Natural Gas, remove the plastic conversion pin and invert and replace it back in a manner such that the disc is close to the brass cap. For both Natural and LP, the maximum inlet pressure is 14" water column.



NATURAL GAS INSTALLATION

A typical Natural Gas installation is shown below. Make sure that the factory-supplied regulator is used and installed with the arrow mark on the regulator pointing towards the side burner. Do not use any replacement regulator other than that specified by DELSOL. Use only pipe sealants that are approved for use with Natural and LP gases. An installer-supplied gas shutoff valve must be installed in an accessible location.



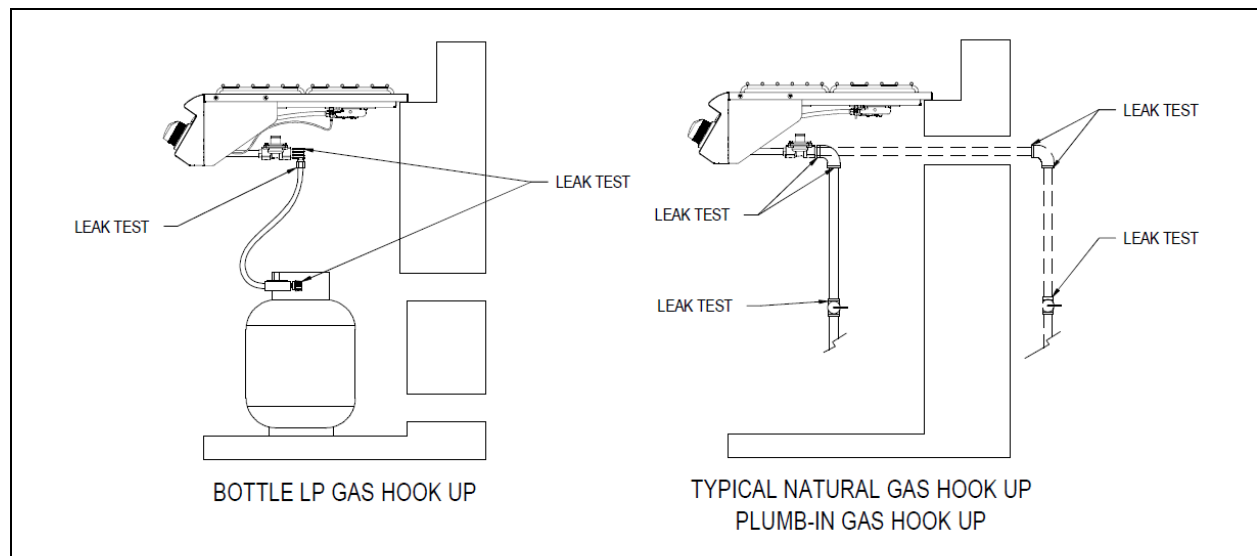
LEAK TEST

CAUTION BEFORE TESTING

- Finding and/or fixing a gas leak is NOT a “DO-IT-YOURSELF” procedure.
- NEVER USE THE SIDE BURNER WITHOUT FIRST LEAK TESTING THE GAS CONNECTIONS.
- WARNING: DO NOT USE OPEN FLAME TO CHECK FOR LEAKS. USE OF AN OPEN FLAME COULD RESULT IN A FIRE, EXPLOSION, BODILY HARM OR DEATH.
- DO NOT SMOKE WHILE PERFORMING THE LEAK TEST!
- To prevent fire or explosion hazard, DO NOT use or permit sources of ignition in the area while performing a leak test. Perform leak test outdoors only.
- Check to ensure that flexible hoses do not have any cuts and wear that may affect the safety before each use. Only the factory supplied hose and regulator must be used. Use only replacement regulator and hose assemblies specified by DELSOL.

LEAK TEST

- 1) Prepare a leak testing solution of sudsy water by mixing in a spray bottle with half liquid soap and half water.
- 2) Confirm that all control knobs are in the OFF position.
- 3) Turn the main gas valve supply ON.
- 4) Apply leak testing solution by spraying on the pipe joints, fittings, and hose.
- 5) A gas leak is detected if;
 - a) there is a faint gas smell and/or...
 - b) ...growing bubbles appear on any of the connection points and/or hose, DO NOT attempt to ignite the side burner and IMMEDIATELY turn off the gas supply valve.
- 6) When there is a gas leak, call a qualified service technician. DO NOT use the side burner until the leak is corrected.



LOCATING THE SIDE BURNER – DELSOL SIDE BURNER

This gas appliance is designed and certified for outdoor use only. Do not locate this side burner under overhead combustible surfaces. Do not operate the side burner inside a building, garage, recreation vehicle or any enclosed area. When choosing an area, consider exposure to wind, proximity to traffic paths and length of gas supply line. Keep gas supply lines as short as possible to reduce pressure drop. Keep the side burner away from windy area but keep the side burner in a well-ventilated area. Do not obstruct the flow of combustion and ventilation air around the side burner. The supporting edges of the side burner must be located level and flat. The counter should also be leveled. Ensure that the appliance remains at a distance of at least 12” from any combustible material such as wood, gyprock, paper and plants. Do not store combustible materials, gasoline or flammable liquids or vapors around the appliance.

NON-COMBUSTIBLE INSTALLATION ONLY

CLEARANCE TO COMBUSTIBLE CONSTRUCTION

A minimum clearance of 12” from the sides and 12” from the back of the side burner to adjacent vertical combustible construction must be maintained.

DÉGAGEMENT DE TOUTE CONSTRUCTION COMBUSTIBLE

Il faut maintenir une distance minimum de 12 po (30.48 cm) sur les côtés et de 12 po (30.48 cm) sur l'arrière du gril par rapport aux constructions combustibles verticales adjacentes.

CLEARANCE TO NONCOMBUSTIBLE CONSTRUCTION

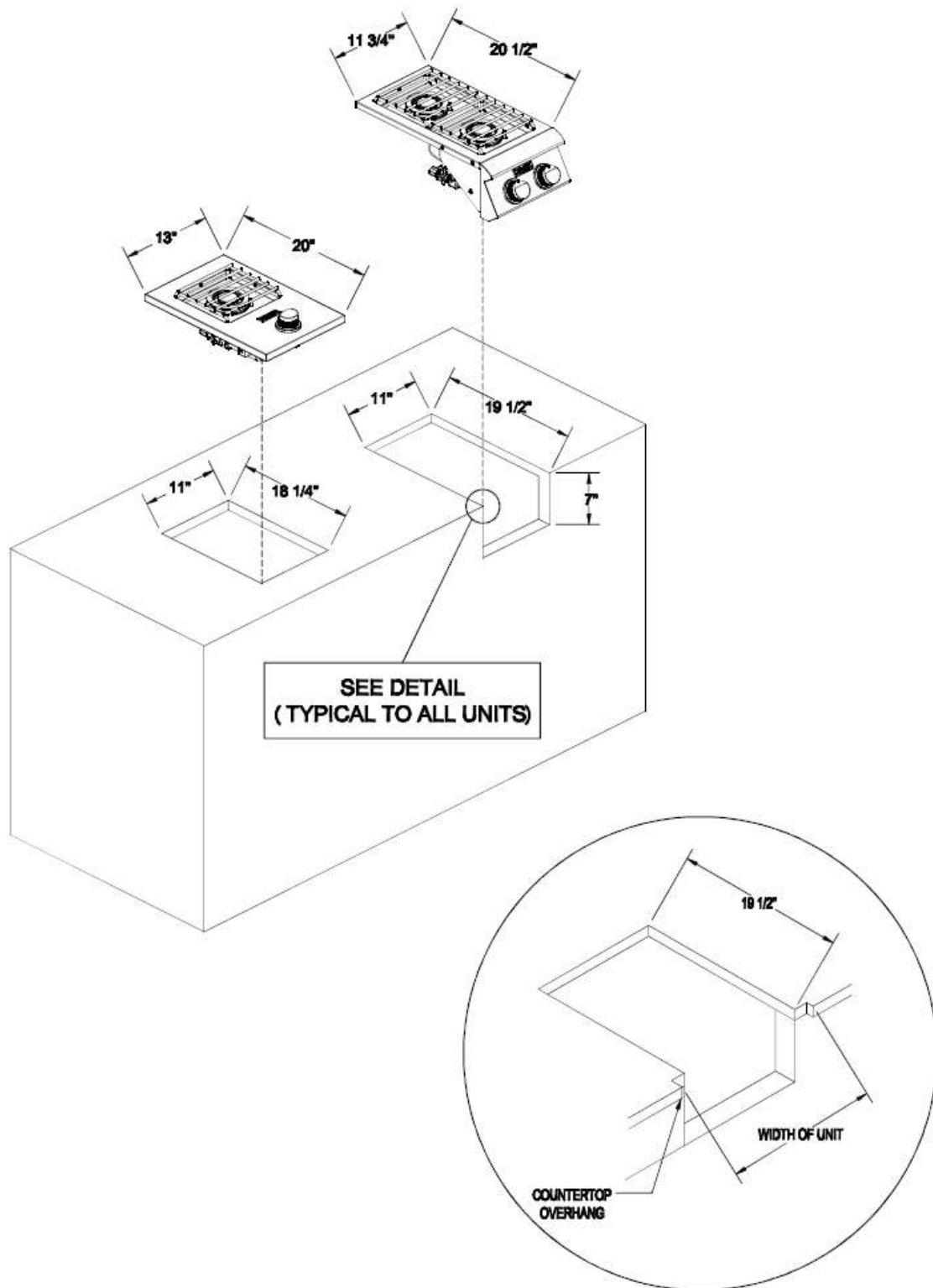
A minimum clearance of 5 1/2” from the back of the side burner above cooking surface to non-combustible construction is required to allow the side burner hood to open completely.

A minimum of 6” clearance to the sides of the side burner above cooking surface to non-combustible construction is recommended. The side burner can be installed directly next to non-combustible construction below the cooking surface.

DÉGAGEMENT DE TOUTE CONSTRUCTION INCOMBUSTIBLE

Une distance minimum de 5 1/2 po (13.97 cm) de l'arrière du gril au-dessus de toute surface de cuisson à la construction incombustible est prescrite pour permettre à la hotte d'ouvrir complètement. Une distance minimum de 6 po (15.24 cm) des côtés du gril au-dessus de la surface de cuisson à la construction incombustible est recommandée. Le gril peut être installé directement à proximité d'une construction incombustible en-dessous de la surface de cuisson.

CUT-OUT DIMENSIONS – DELSOL SIDE BURNER



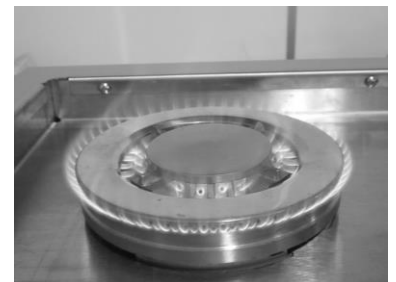
OPERATING INSTRUCTIONS

BEFORE LIGHTING THE SIDE BURNER

- **DO NOT ATTEMPT TO LIGHT THE SIDE BURNER IF YOU SMELL GAS.**
- **WARNING! IT IS CRITICAL THAT THE BURNERS ARE PROPERLY INSTALLED WITH THEIR ORIFICES.** If not properly installed, it could lead to fire, potential damage to your side burner, bodily injury or death.
- Inspect the gas supply piping or hose prior to turning the gas ON. If there is evidence of cuts, wear, or abrasion, it must be replaced prior to use. The replacement pressure regulator and hose assembly must be the type specified by the manufacturer. Do not use the side burner if the odor of gas is present. The pressure regulator and hose assembly supplied with the units must be used.
- If the unit is LP, screw the regulator and hand tighten to the valve of the cylinder and leak check the hose and regulator connections with a soap and water solution before operating the unit. Reference page 6 for leak test procedure.
- Always keep your face and body as far away as possible when lighting.
- Refer to spiders and insects warning and procedure under the cleaning and maintenance page of this manual

LIGHTING THE BURNERS

1. Make sure all knobs are in the “OFF” position.
2. Turn “on” the gas at source. **Caution:** If you smell gas, shut off gas supply and call for service.
3. Before lighting, remove the side burner cover or any cooking utensils from the burner grate.
4. To ignite burners, push the burner knob in and slowly rotate counter clockwise to the high position. A loud click can be heard as the electronic lighter produces a spark. Listen for the sound of the gas igniting and look for the flame through the cooking grids. If the burner does not light on the first try, repeat immediately.
5. If the burner does not ignite within 5 seconds, turn the burner to “OFF” and wait for five minutes. Repeat the above procedures or try the following manual lighting procedures
 - a. Hold a lit match next to the burner ports
 - b. Push and turn the burner knob counterclockwise to ignite the burner.
6. **Caution: Do not leave the side burner unattended while cooking.**
7. To shut down the burner, push and turn the burner knob clockwise to “OFF”.
8. For complete shutdown, turn “off” the gas at source.



OPERATING INSTRUCTIONS

MATCH LIGHTING INSTRUCTIONS:

If spark igniter will not light the burners, the burners can be lit manually using a lit long match, taper or BBQ lighter.

1. Push and turn the knob counter-clock-wise to the biggest flame marking on the bezel.
2. Insert a lit match or BBQ lighter thru the grates and near the top of the burner. Once you see or hear a flame you can release the knob.

Important: If burner fails to light within 4 seconds, turn off gas and wait 5 minutes before repeating the process.

Warning: If you smell gas, shutoff the gas supply and immediately check for leaks using the soapy water technique. (See Page 6)

CLEANING & MAINTENANCE

STAINLESS STEEL

The DELSOL Side Burner is made of all welded stainless steel. It is non-rusting and non-magnetic. Never clean the stainless steel when it is hot. After the initial use, certain areas of the side burner may discolor. This is a normal discoloration caused by the intense heat given off by the burners. Specks of grease can gather on the surface of the stainless steel and get baked-on. These can be removed by using a mild abrasive pad (like Scotch Brite) with a stainless steel cleaner. Use the mildest cleaner and always scrub in the direction of the grain.

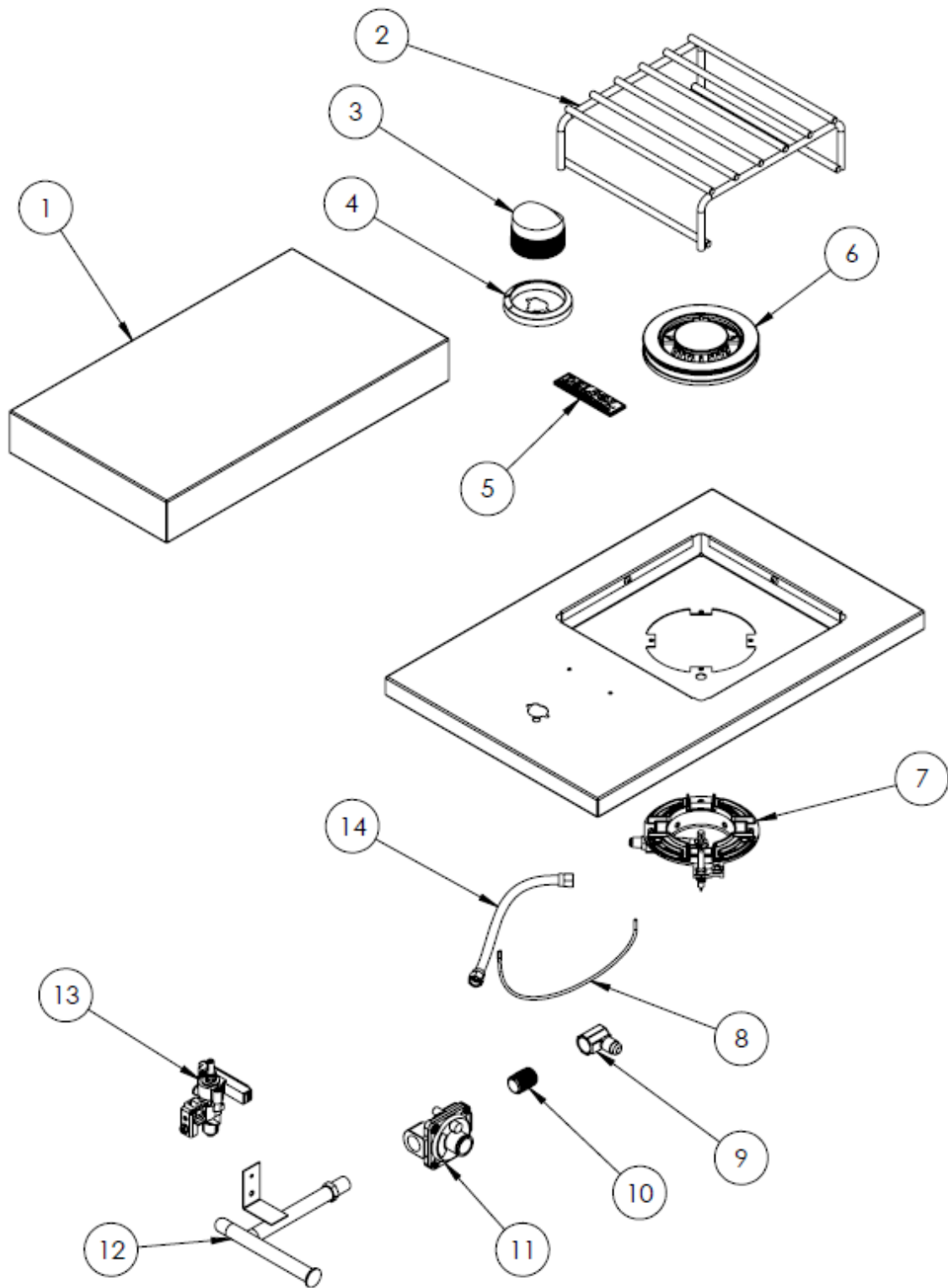
Do not use steel wool to clean the side burner. Do not use abrasives on the polished highlights. Be extra careful when cleaning around the highlights. Metal polisher or mild chrome cleaner can be used to bring back the luster on highlights. To touch-up minor scratches in the stainless steel, sand the affected surface very lightly, with 100-dry grit emery sandpaper in the direction of the grain.

SPIDER AND INSECT WARNING

Spiders and other insects can nest in the burners of this and any other side burners, which causes the gas to flow from the front of the burner. This dangerous “condition” can cause a fire behind the valve panel, damaging the side burner and making the side burner unsafe to operate. Inspect the burners once a year or if the side burner has not been used for more than one month or if any of the following conditions occur:

- 1) The smell of gas in conjunction with the burner flames appearing yellow.
- 2) The side burner does not reach temperature.
- 3) The side burner heats unevenly.
- 4) The burners make popping noises.

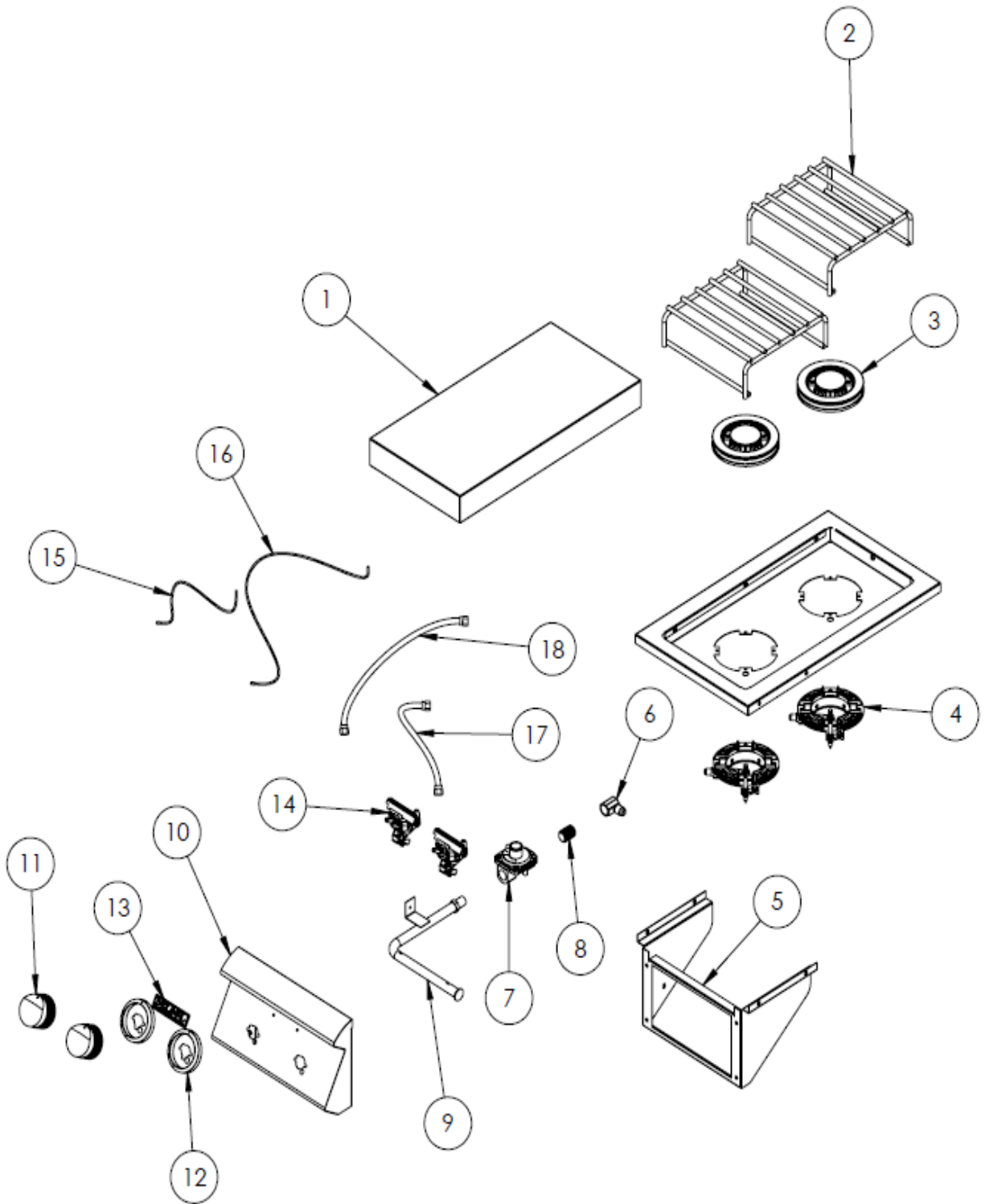
EXPLODED VIEW – DSSB1D



SERVICE PARTS LIST – DSSB1D

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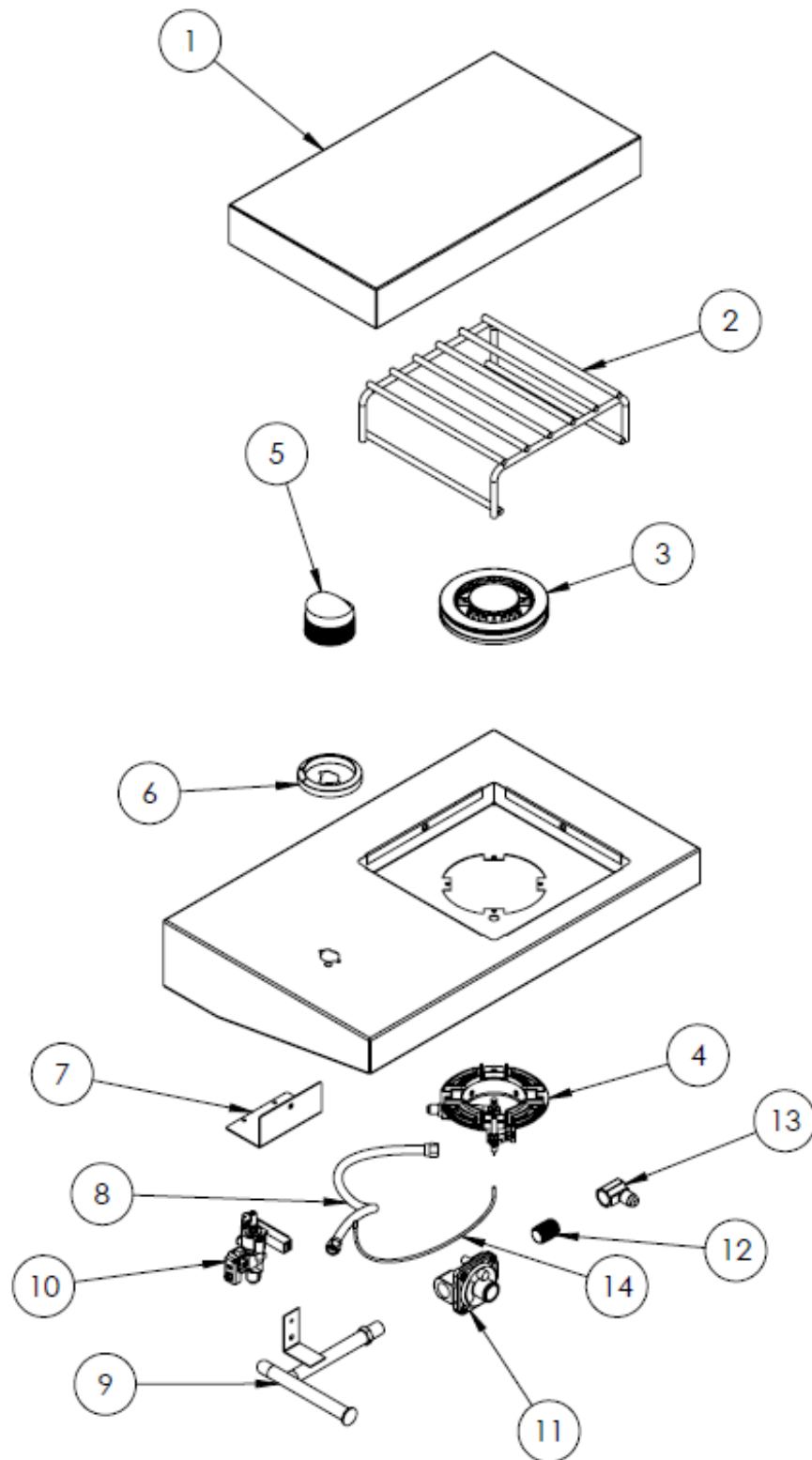
EXPLODED VIEW – DSSB2



SERVICE PARTS LIST – DSSB2

[illegible]

EXPLODED VIEW – DSSB1F



SERVICE PARTS LIST – DSSB1F

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DELSOL WARRANTY

ONE-YEAR FULL WARRANTY: DELSOL warrants the outdoor Side Burners and all of their component parts, to be free from defects in materials and workmanship under normal residential use for a period of one year from the original date of purchase. DELSOL will repair or replace, at its option, any part, which fail or is found to be defective during the warranty period. The actual part will be repaired or replaced, free of charge, with the owner paying for all other costs including labor, installation, shipping and handling charges.

WARRANTY LIMITATIONS & EXCLUSIONS

This warranty shall apply only to the products purchased and located in the continental United States and Canada. The warranty coverage begins on the original date of purchase and proof of date of purchase is required. In order to activate the warranty, we require that you send in the attached warranty registration. This warranty applies only to the original owner and may not be transferred.

This warranty does not apply to damages resulting from negligence, alteration, misuse, abuse, accident, natural disaster, improper installation or improper operation, unauthorized adjustments or calibrations, dings, dents, scratches, or damages due to harsh cleaning chemicals. This warranty does not apply to rust, corrosion, discoloration, surface scratches, weather and atmospheric related staining and oxidation which are normal conditions and to be expected with any outdoor products unless the affected component becomes inoperable. This warranty does not apply to commercial use, or to products with altered or removed serial numbers. DELSOL shall not be liable for incidental, consequential, special or contingent damages resulting from its breach of this written warranty or any implied warranty.

WARRANTY SERVICE & REPLACEMENT PARTS: Call your authorized selling dealer or call DELSOL directly at **800-789-2206 or 562-802-3488**. Be prepared to furnish the following information: Purchaser's name, model and serial number of the appliance, date of purchase and the accurate description of the problem. DELSOL will not pay for service calls for correcting an installation problem. Owner shall be responsible for proper installation, providing normal care and maintenance, providing proof of purchase upon request and making the appliance accessible for service. In the event of any warranty replacement, all removal, replacement, installation and shipping costs are the responsibility of the side burner owner.

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.

HOW TO OBTAIN SERVICE

For service, please contact your DELSOL dealer or call DELSOL direct at (800) 789-2206 or (562) 802-3488 or fax (562) 802-3391

Mailing address:
DELSOL Grill
13259 East 166th Street
Cerritos, CA 90703

Please provide:

- Model number
- Serial Number
- Date of installation
- A description of the problem

Cut
Here



Warranty Registration

Customer Name

Model #

Address

Serial #

City

Date Purchased

Zip

Dealer's Name

Phone #

Dealer's Address

e-mail:

This Warranty Registration card must be returned within thirty days of purchased to properly activate your warranty. This information is for our internal use only.

Cut
Here



Place
Postage
Here

Customer Service
ATTN: Warranty Department
13259 East 166th Street
Cerritos, CA 90703
Fax no. (562) 802-3391