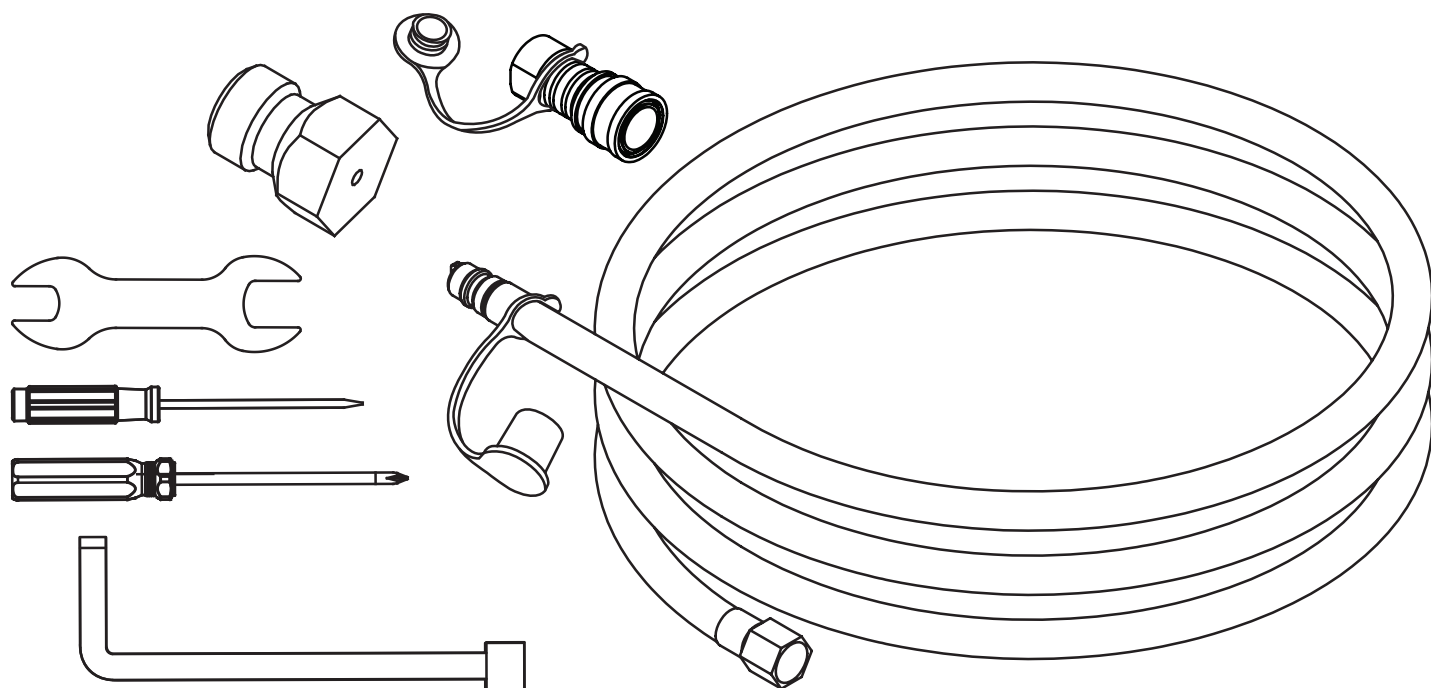


Cuisinart Outdoors®

Propel+ Natural Gas Conversion Kit
MODEL NO: QG-2186



WARNING

NOTICE TO THE USER:
IF YOU NEED ASSISTANCE
CONNECTING THIS NATURAL
GAS CONVERSION KIT TO
YOUR SERVICE, CONTACT
A LOCAL CERTIFIED GAS
PLUMBER TO ENSURE IT HAS
SAFELY BEEN CHANGED &
TESTED.



Customer Service Hotline
1-866-994-6390

DO NOT RETURN PRODUCT TO THE STORE

Before visiting your local retailer, please email
outdoors@cuisinart.com or call our customer service
department at 1-866-994-6390 to chat with a representative.
To best serve you, our representatives are available to answer
calls Monday to Friday 9 AM to 5 PM EST.

Table of Contents

Table of Contents	2
Safety Information	3
What's In The Box	4
Assembly Instructions	5
Operating Instructions	16
Use and Care	19
Warranty & Replacement Parts	Back Cover

SAFETY INFORMATION

WARNING

Read Product Manual Guide completely before assembling the Propel+ 3-in-1 Propane Gas Grill Model: (CGG-6331 & CGG-63311). Failure to follow instructions and safety precautions in this guide could cause serious injury or property damage.

This product is for outdoor use only.

WARNING

Place grill on a flat, level surface before starting the conversion.

We recommend that you hire a qualified technician to install this Natural Gas Conversion Kit. Incorrect installation may result in explosion and serious injury.

WARNING

Risk of cancer from exposure to Carbon Monoxide and reproductive harm from Carbon Monoxide.

See www.P65Warnings.ca.gov

NOTE: Damage to grill as a result of incorrect conversion to natural gas is not covered by the grill or the conversion kit warranty.

1. The outdoor cooking gas appliance must be isolated from the gas supply piping system by closing its individual manual shut-off 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).

2. **WARNING:** This NG conversion kit can only be installed to convert your Cuisinart Propel+ propane grill to natural gas, follow the steps carefully by the manufacture. If you feel unsure or uncomfortable at any point, it's best to consult a licensed professional gas plumber. Safety is paramount when working with gas appliances, so if you have any doubts about any part of the conversion process, seek professional assistance by a qualified gas service company in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, an explosion or production of carbon monoxide can result, causing property damage, personal injury, or loss of life.

WARNING

This conversion kit can be installed by a qualified service agency if you so choose in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, an explosion, or production of carbon monoxide can result, causing property damage, personal injury, or loss of life. The installation is not complete until the operation of the converted appliance is checked as specified in the manufacturer's instructions supplied in this manual.

3. CURRENT - MODEL FOR THIS KIT:

Model CGG-6331 : Propel+ 3-in-1, 4-Burner

Grill performance on Liquid Propane Gas

Main Burner: 4 x 11,000 BTU/HR

Side Burner: 11,000 BTU/HR

Total Input Rating: 55,000 BTU/HR

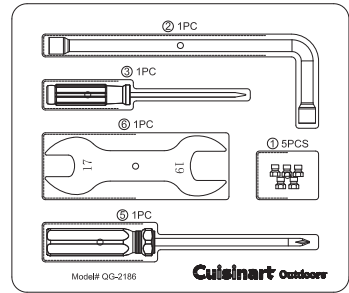
WHAT'S IN THE BOX


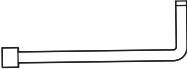


Before beginning assembly, installation or operation of product, make sure all parts are present. Compare parts with the “what’s in the box” list. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts.




**Estimated assembly time:
1-hour or less to change**

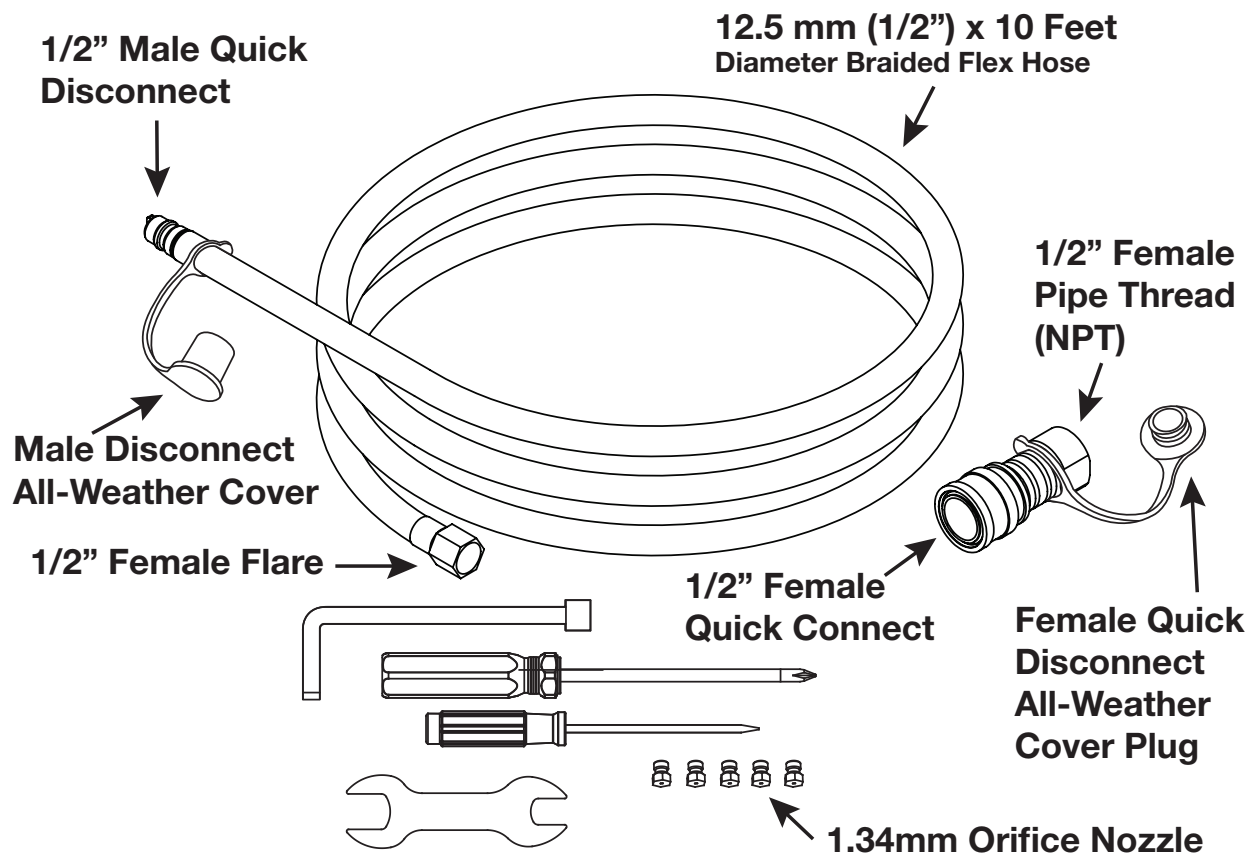
Tools you will need:

- **NG Valve Kit Tools (included)**



PART	PARTS DESCRIPTION	QTY
1	 Orifice 1.34mm	5
2	 Orifice Removal Tool	1
3	 Slotted Screwdriver	1
4	 10ft. Hose & Quick Disconnect Socket	1

PART	PARTS DESCRIPTION	QTY
5	 Phillips Screwdriver	1
6	 Wrench 17mm-19mm	1
7	 NG Label	1



ASSEMBLY INSTRUCTIONS



Note: When you open the package, consult the manual to ensure that there are no missing or damaged parts. If anything is missing, please contact our customer service department at 866-994-6390 9am to 5pm EST Monday – Friday or email us at: outdoors@cusinart.com

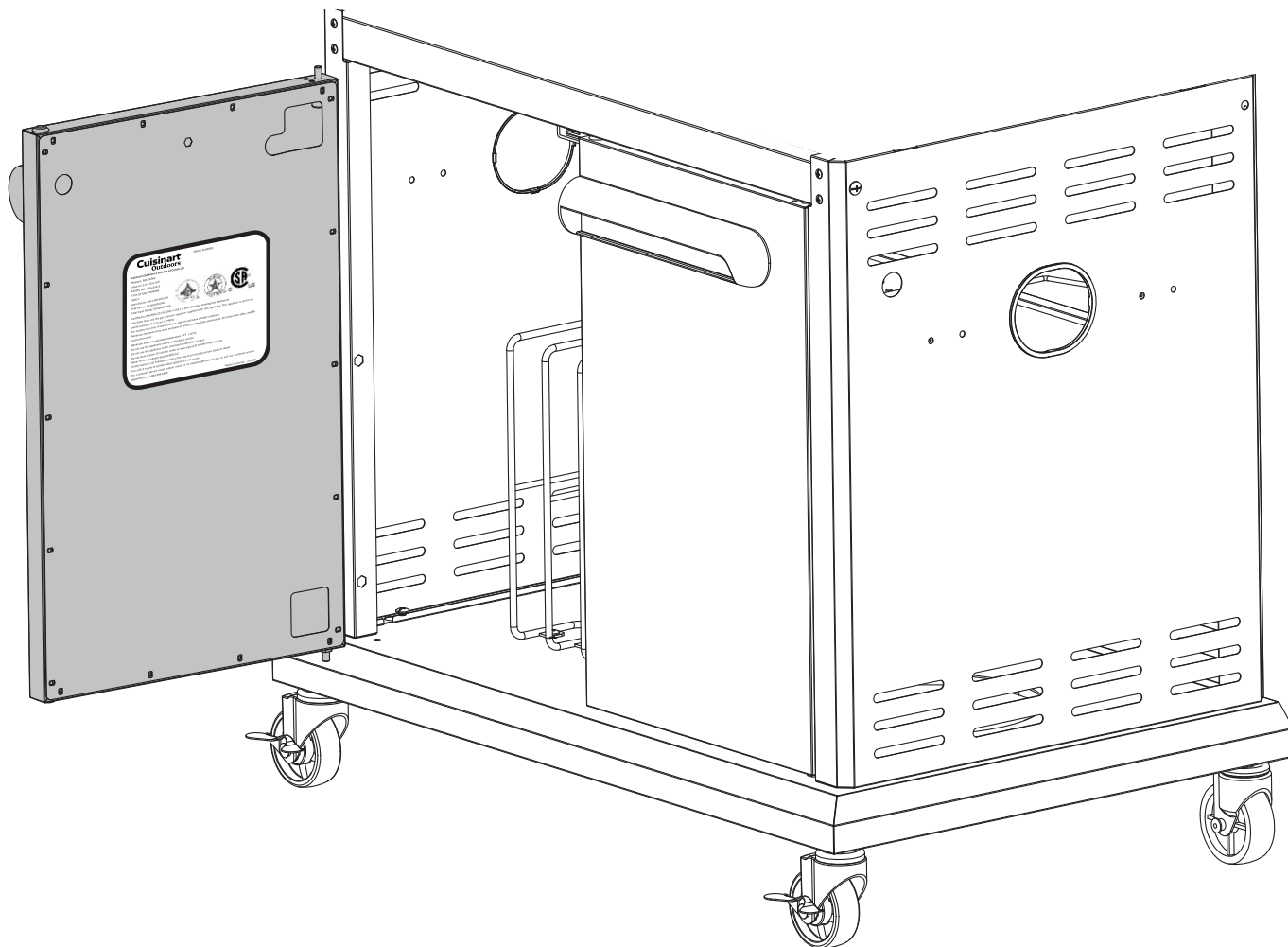
Natural Gas Conversion Instructions:



Note: Before converting to natural gas, ensure that the propane tank is removed, with ALL knobs in the OFF position and the cylinder valves are closed.

STEP 1

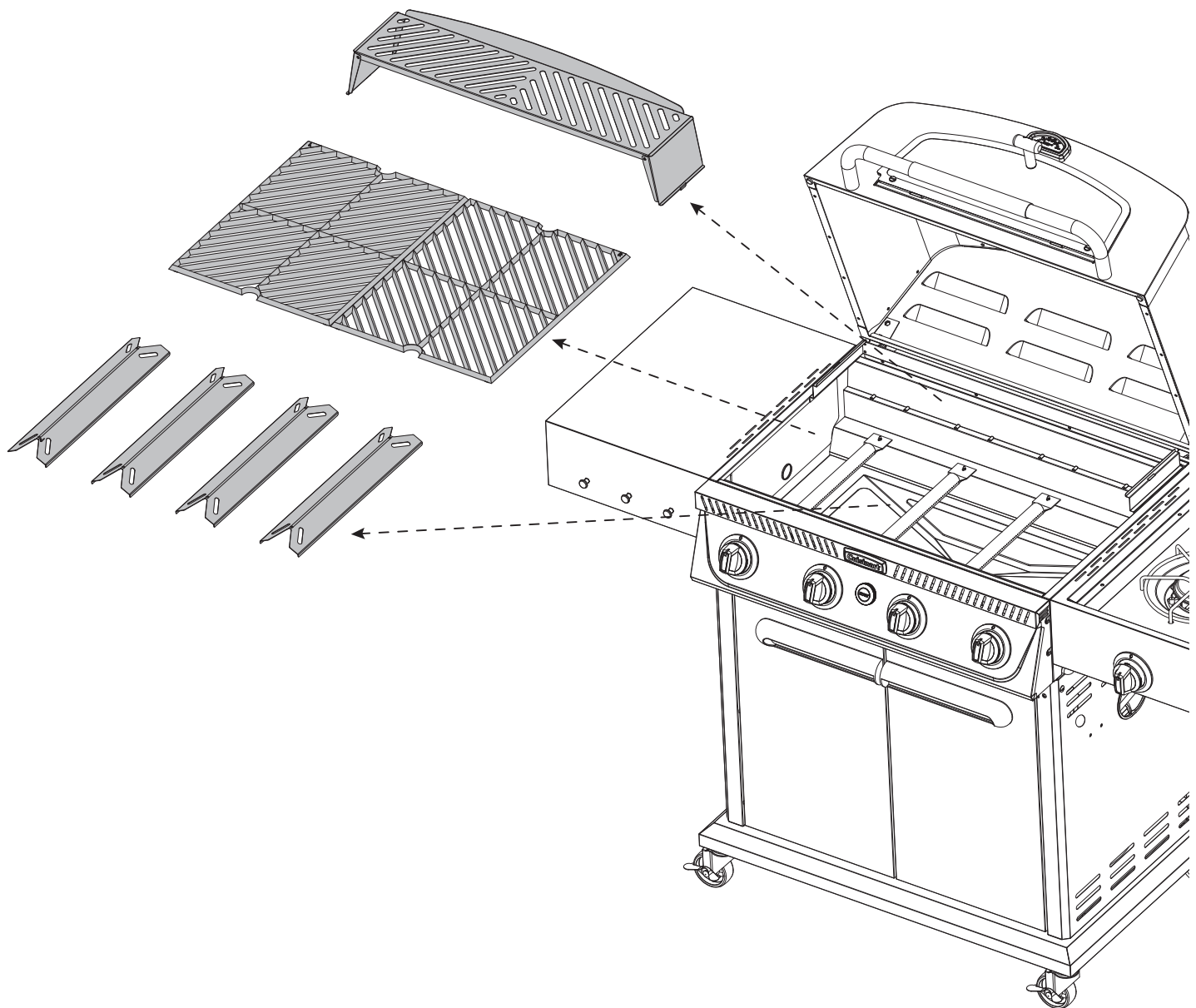
- Paste the new NG label (**7**) over the original LP rating label that is adhered to the left side door of grill.



ASSEMBLY INSTRUCTIONS

STEP 2

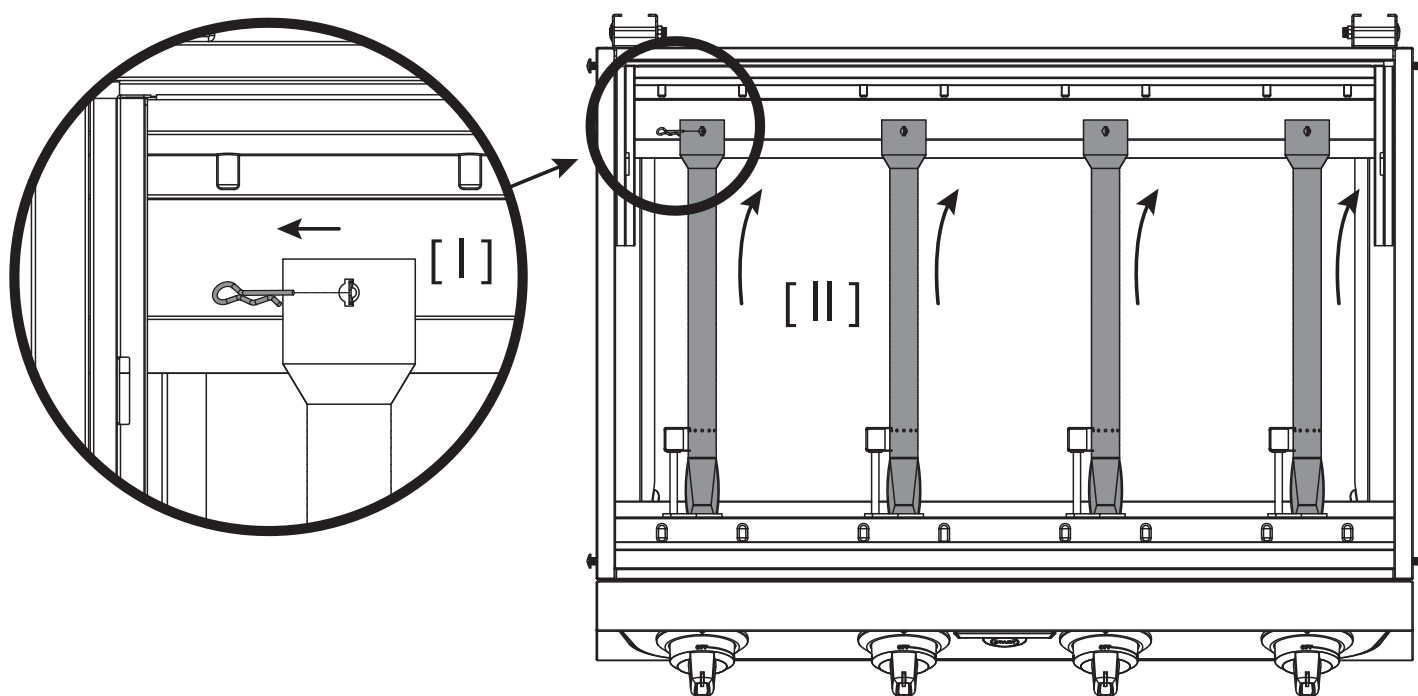
- Open grill lid.
- Remove the Warming Rack, both Grill Grates, and Flame Tamers and carefully place aside.



ASSEMBLY INSTRUCTIONS

STEP 3

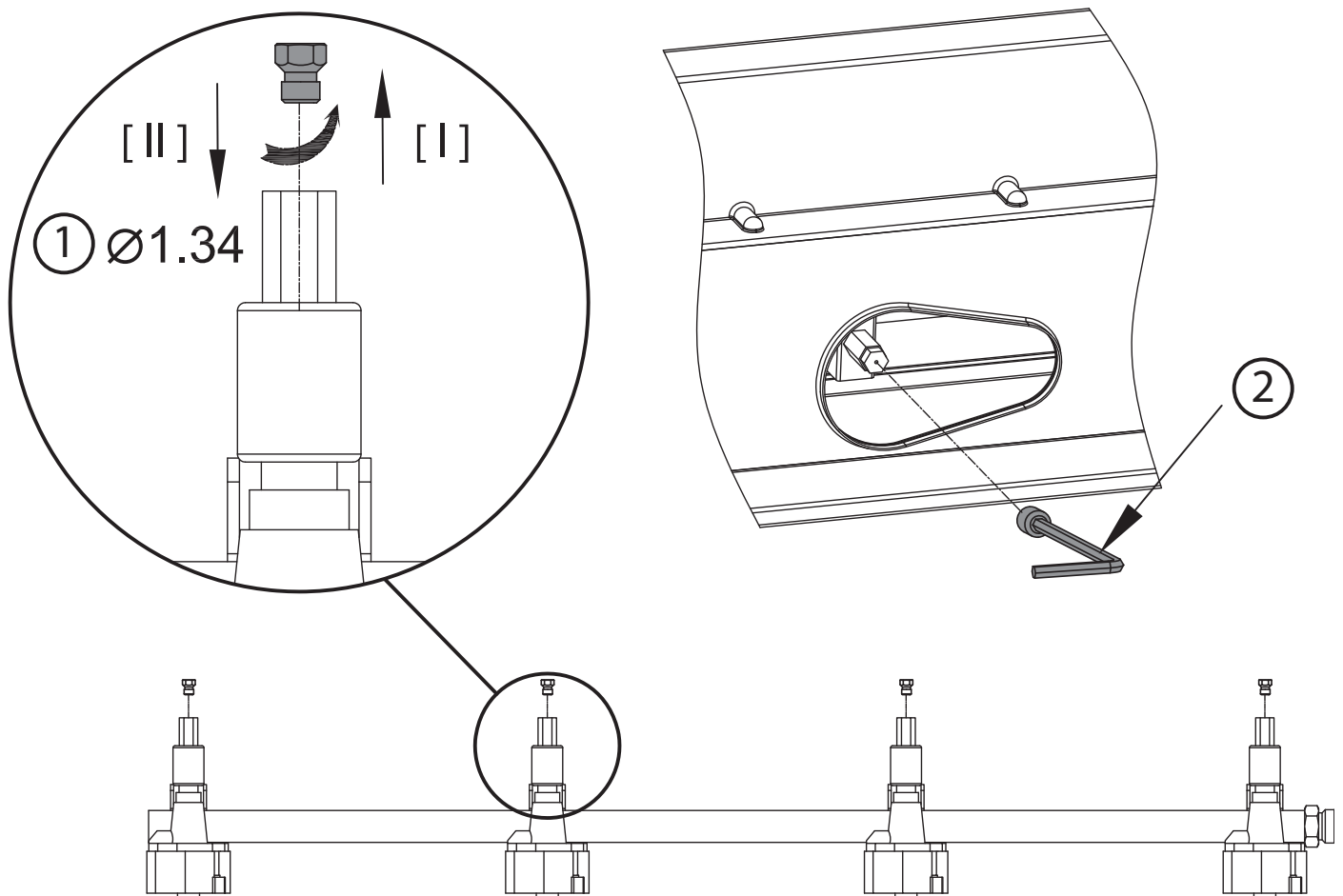
- Remove the cotter pins at the back of the 4 main burners [I].
- Lift burners off the back post in the firebox. Then slide burner tube backwards a few inches to allow tube to disengage from the burner gas valves. [II]. (Note: Do not fully remove the burners from the firebox as an ignition wire is connected to each tube. ****Do not disconnect wire****).
- Set the burner tube down inside the firebox. Do the same to the remaining 3 burner tubes.



ASSEMBLY INSTRUCTIONS

STEP 4

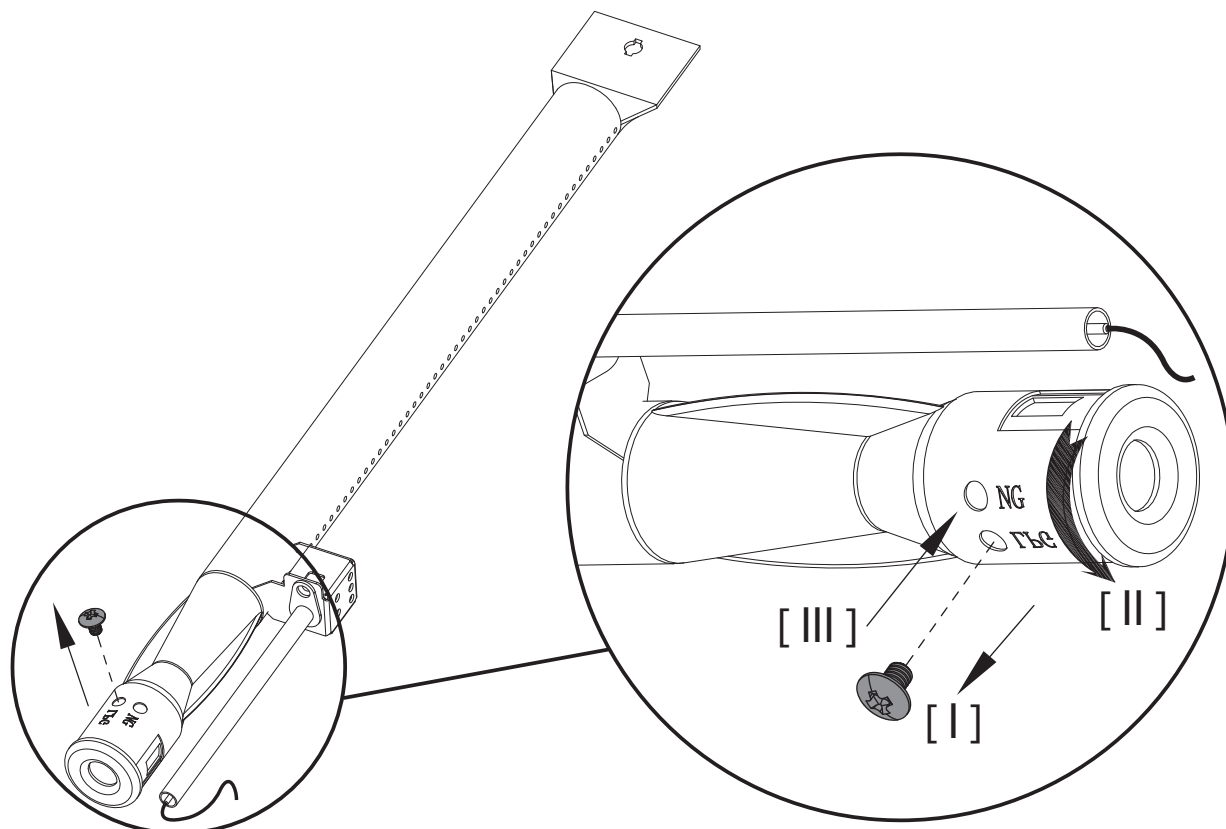
- Unscrew the old LP orifice from each gas valve with the orifice removal tool (**2**).
- Put a new NG orifice (**1**) [Ø1.34] into the valve and tighten with tool (**2**). Repeat this step for all four main burners.



ASSEMBLY INSTRUCTIONS

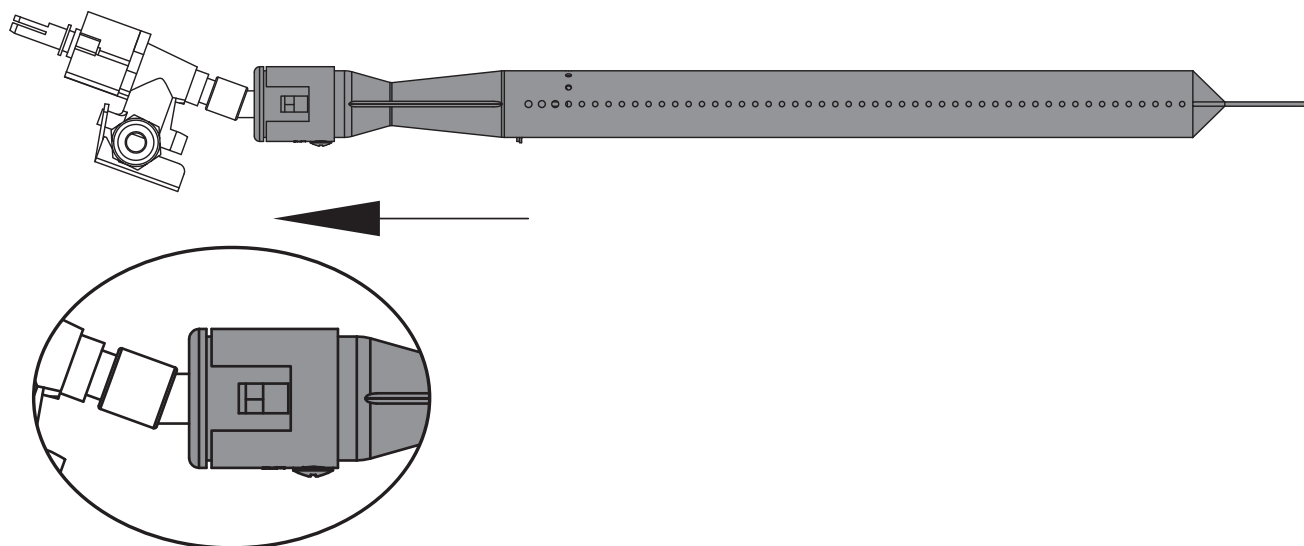
STEP 5

- Use the Phillips screwdriver supplied in the parts kit (**5**) to unscrew the M4 screw from each main burner as shown [I].
- Rotate the burner air shutter opening counterclockwise, adjusting it from the LP setting to the **NG** setting [II].
- Replace and tighten the M4 screw to secure the air shutter opening in place [III].



STEP 6

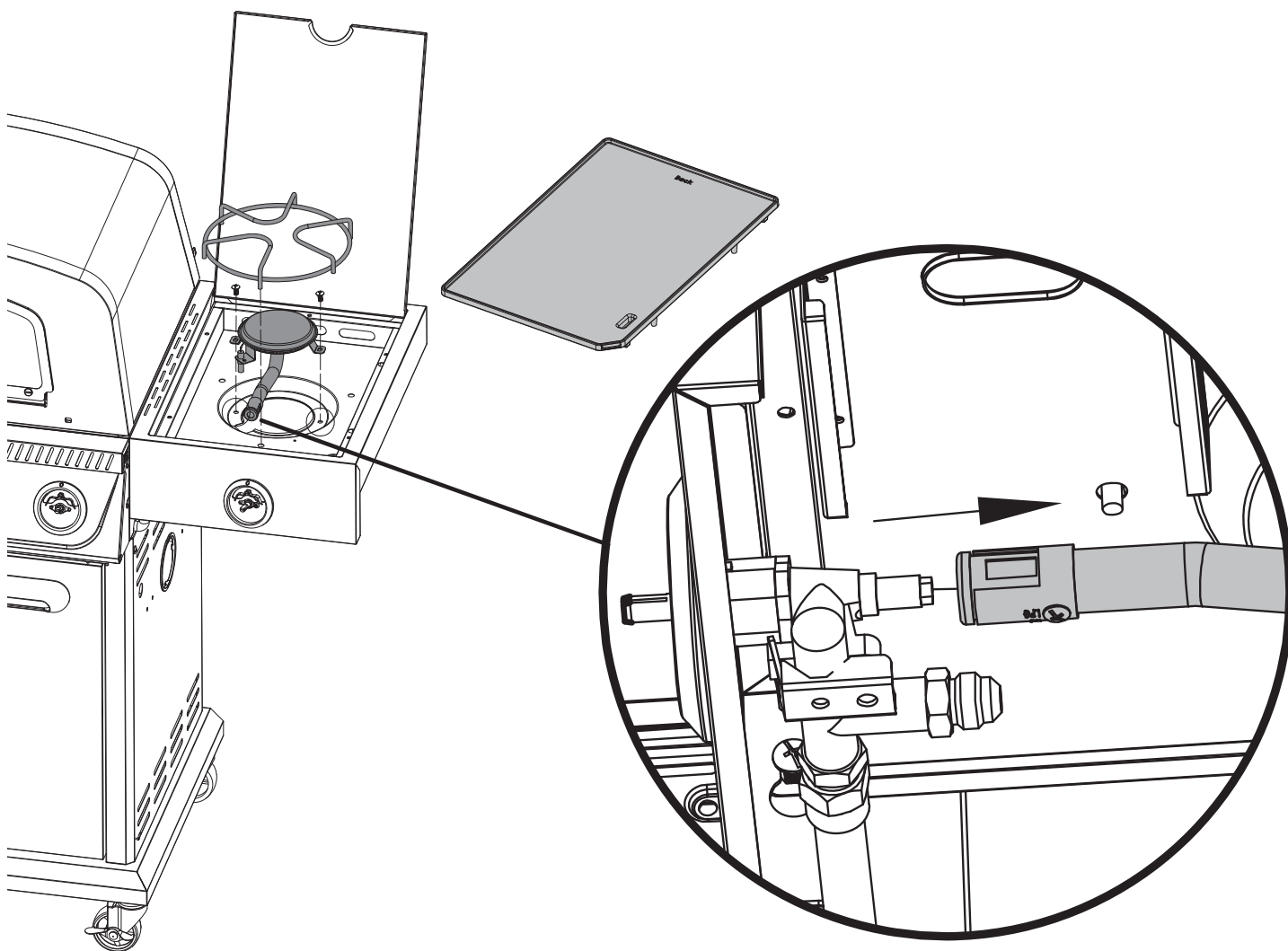
- Reinstall each of the four main burners and secure with previously removed cotter pin. Make sure to engage each burner over the gas valve as shown.



ASSEMBLY INSTRUCTIONS

STEP 7

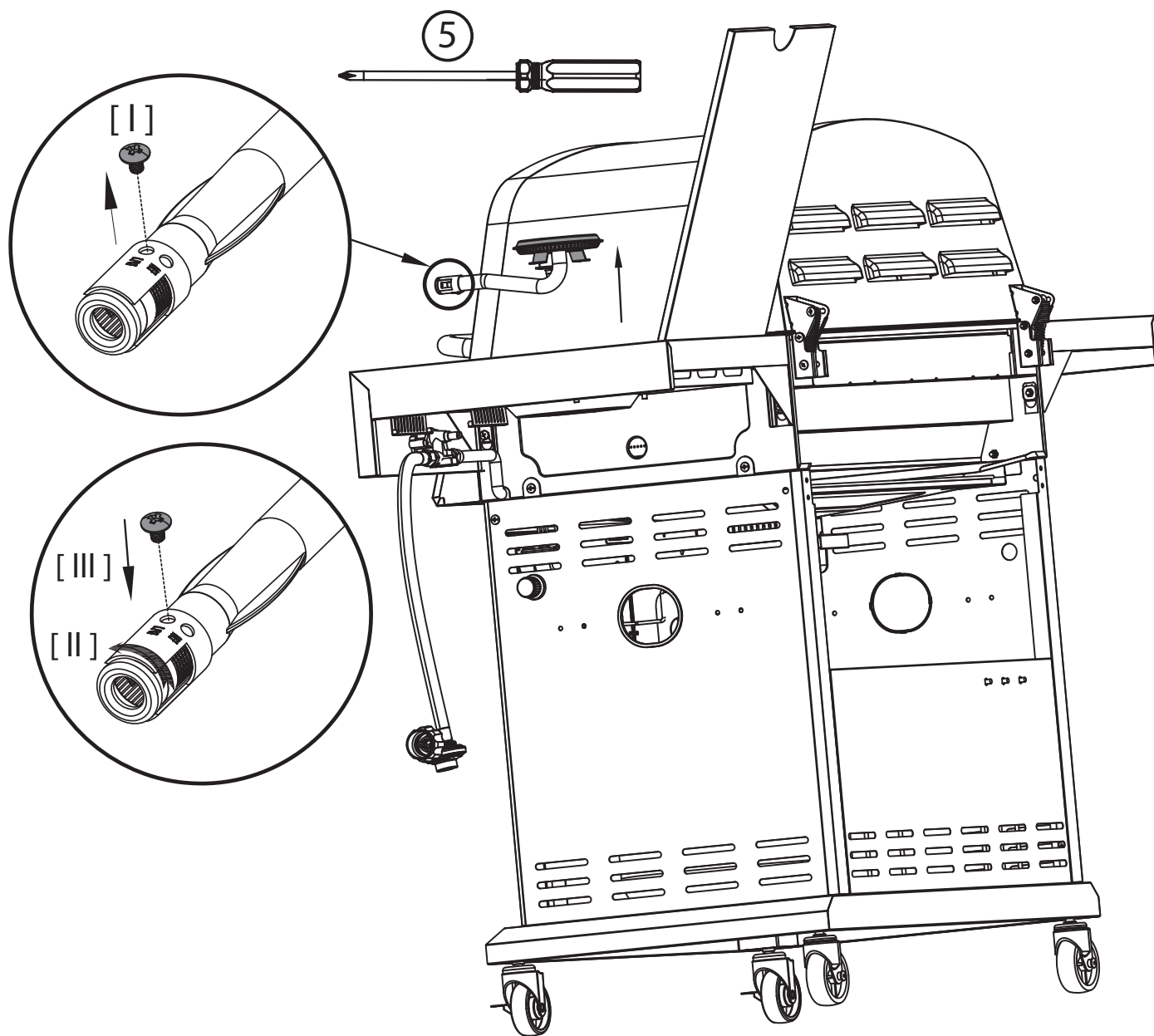
- Open side burner lid. Remove the Griddle plate and the Wire Rack for pots and set aside.
- Unscrew the 2 screws holding down the round burner and pull backwards and upwards valves as shown and set aside.
- **Note:** The round burner tube has an ignition wire connected on the underside, it is recommended to leave that wire connected and just keep the round burner on the top of the side table for now and save both screws to reinstall.



ASSEMBLY INSTRUCTIONS

STEP 8

- Use the Phillips screwdriver supplied in the parts kit (**5**) to unscrew the 2 screws under the side burner, and take out the side burner.
- Use the Phillips screwdriver (**5**) to unscrew the M4 screw from the side burner as shown [**I**].
- Rotate the burner air shutter opening counterclockwise, adjusting it from the LP setting to the **NG** setting [**II**].
- Replace and tighten the M4 screw to secure the air shutter opening in place [**III**].



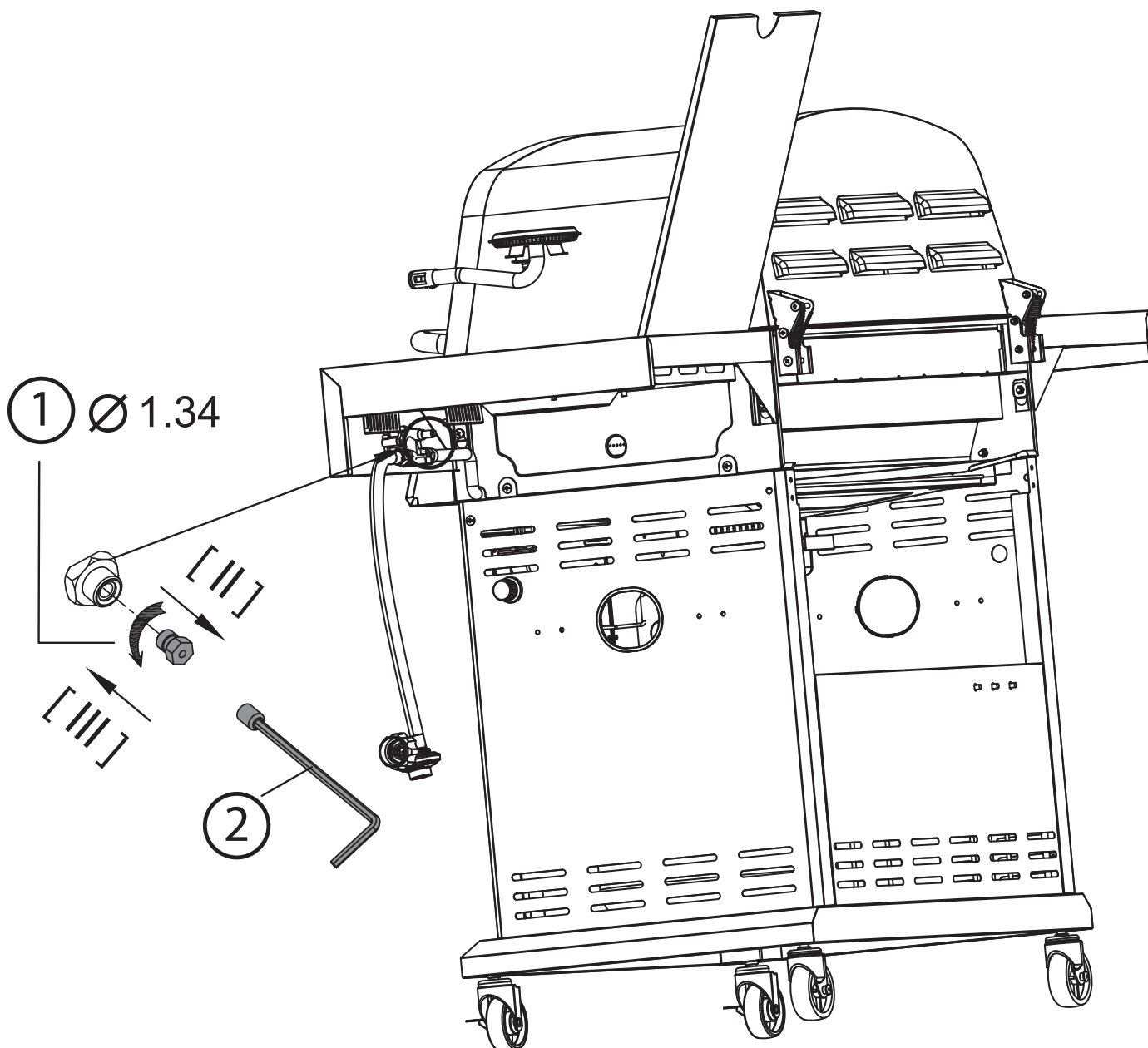
ASSEMBLY INSTRUCTIONS

STEP 9

- Unscrew the old LP orifice from the gas valve with the orifice removal tool (**2**).
- Put a new NG orifice (**1**) [Ø1.34] into the valve [**III**] and tighten with tool (**2**).



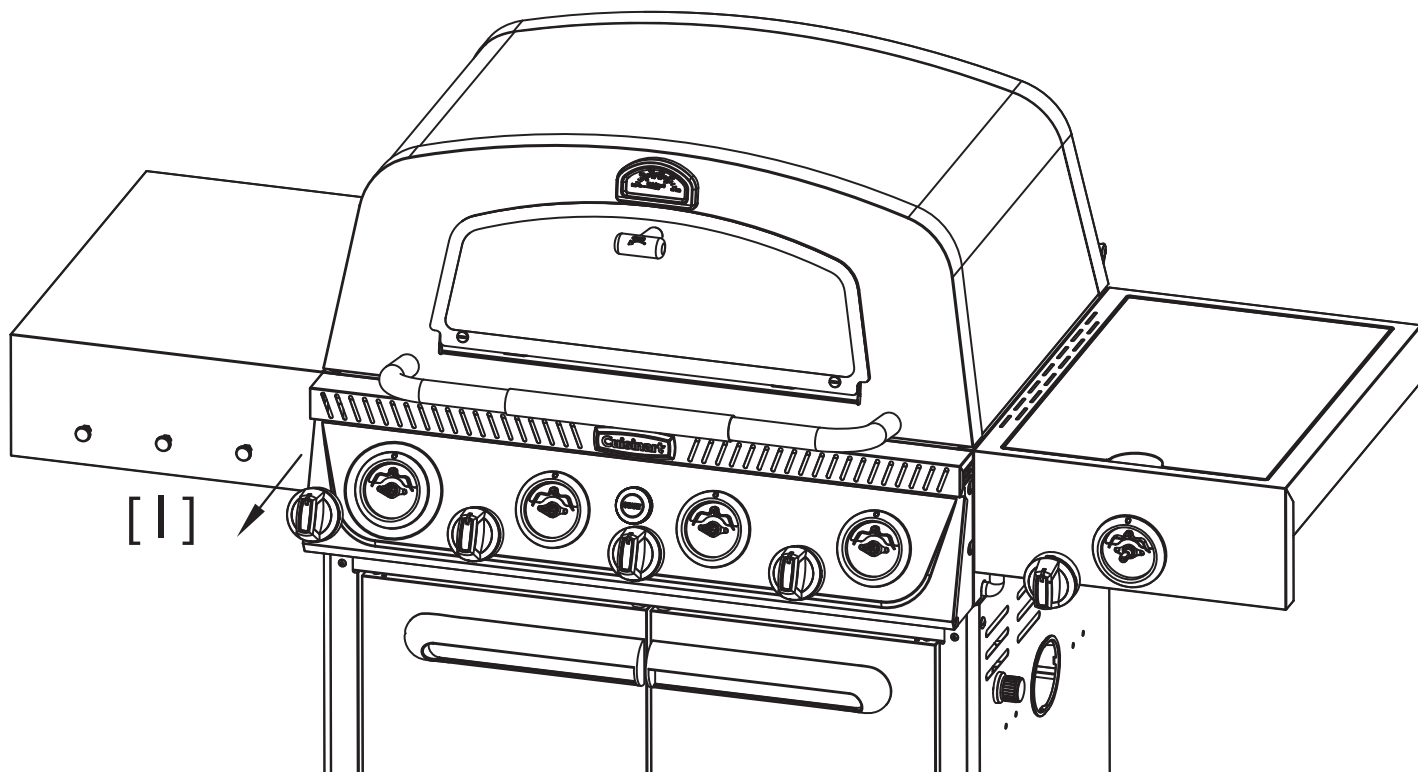
Note: Your grill may have a white sealant on the end of the burner valve orifice. When changing to the NG nozzles, it is not required to add any sealant to the orifice threads.



ASSEMBLY INSTRUCTIONS

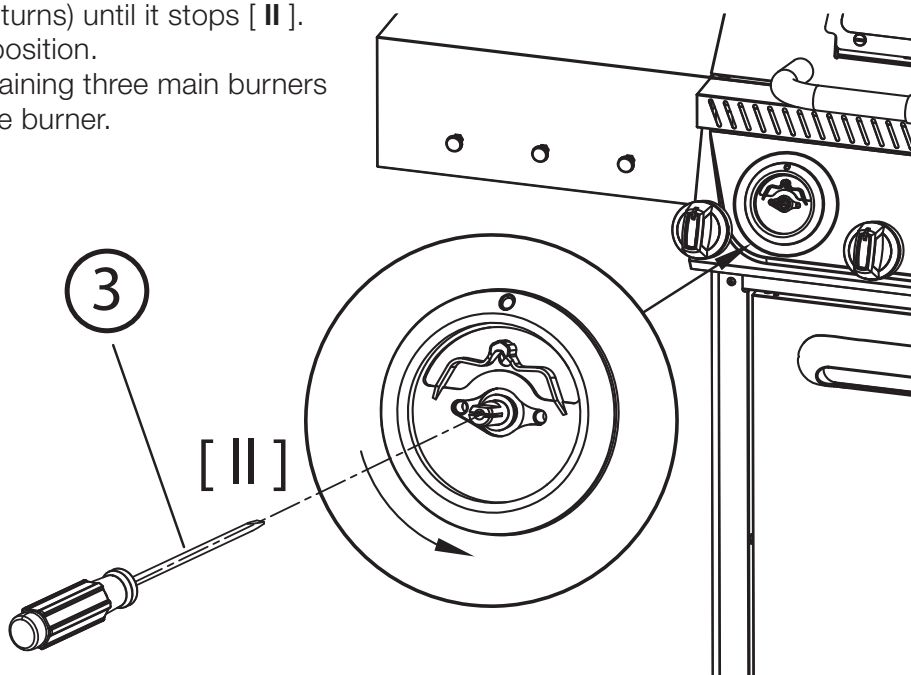
STEP 10

- Remove all five control knobs by pulling them off the valve stem [I].



STEP 11

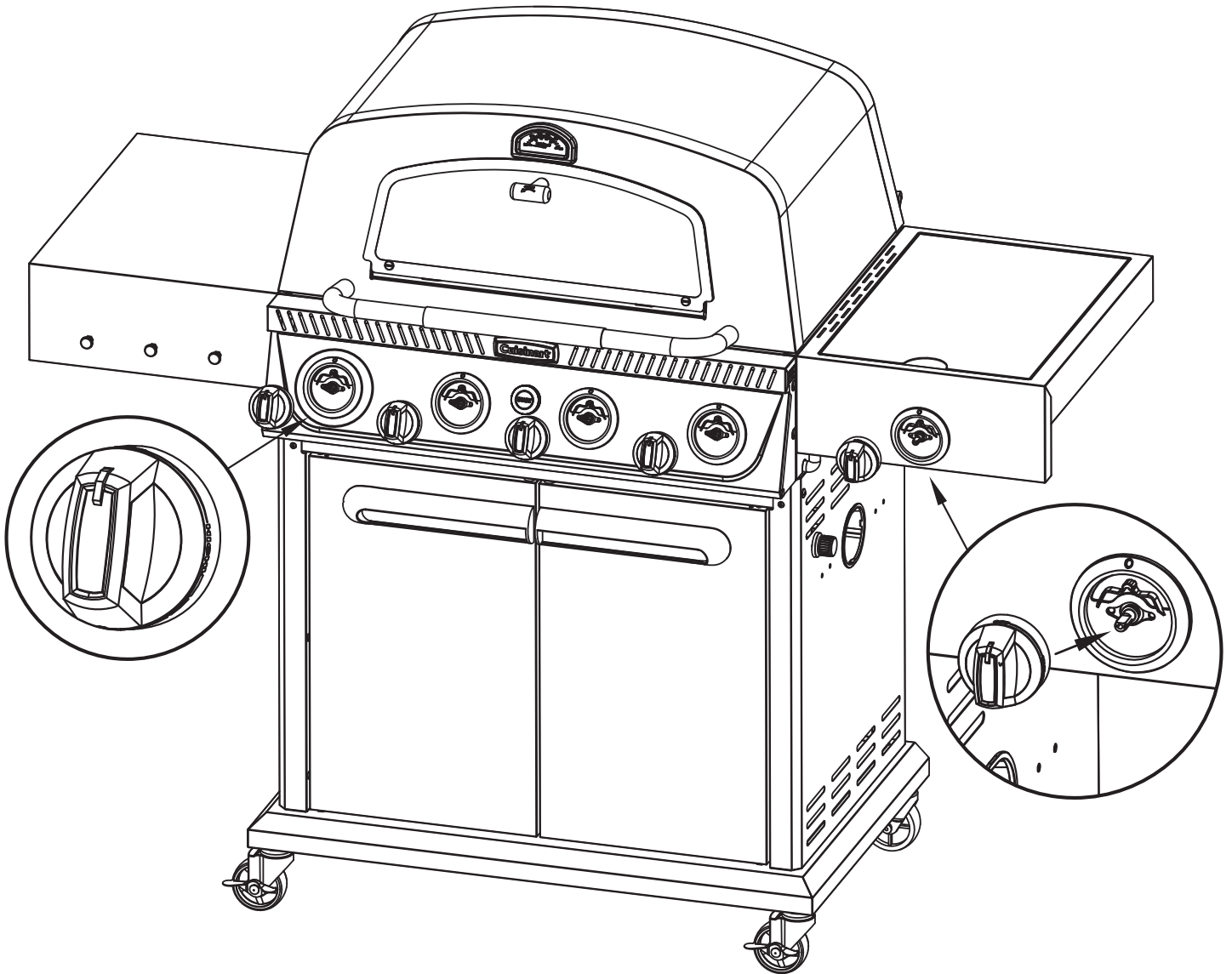
- Insert the supplied flathead screwdriver (3) into the hole of one of the five control valve stem as shown.
- Rotate the screw inside the center of each stem counterclockwise as far as it will go (about 2 complete turns) until it stops [II]. The valve will now be set in the **NG** position.
- Do this same step on the remaining three main burners on the control panel plus the one side burner.



ASSEMBLY INSTRUCTIONS

STEP 12

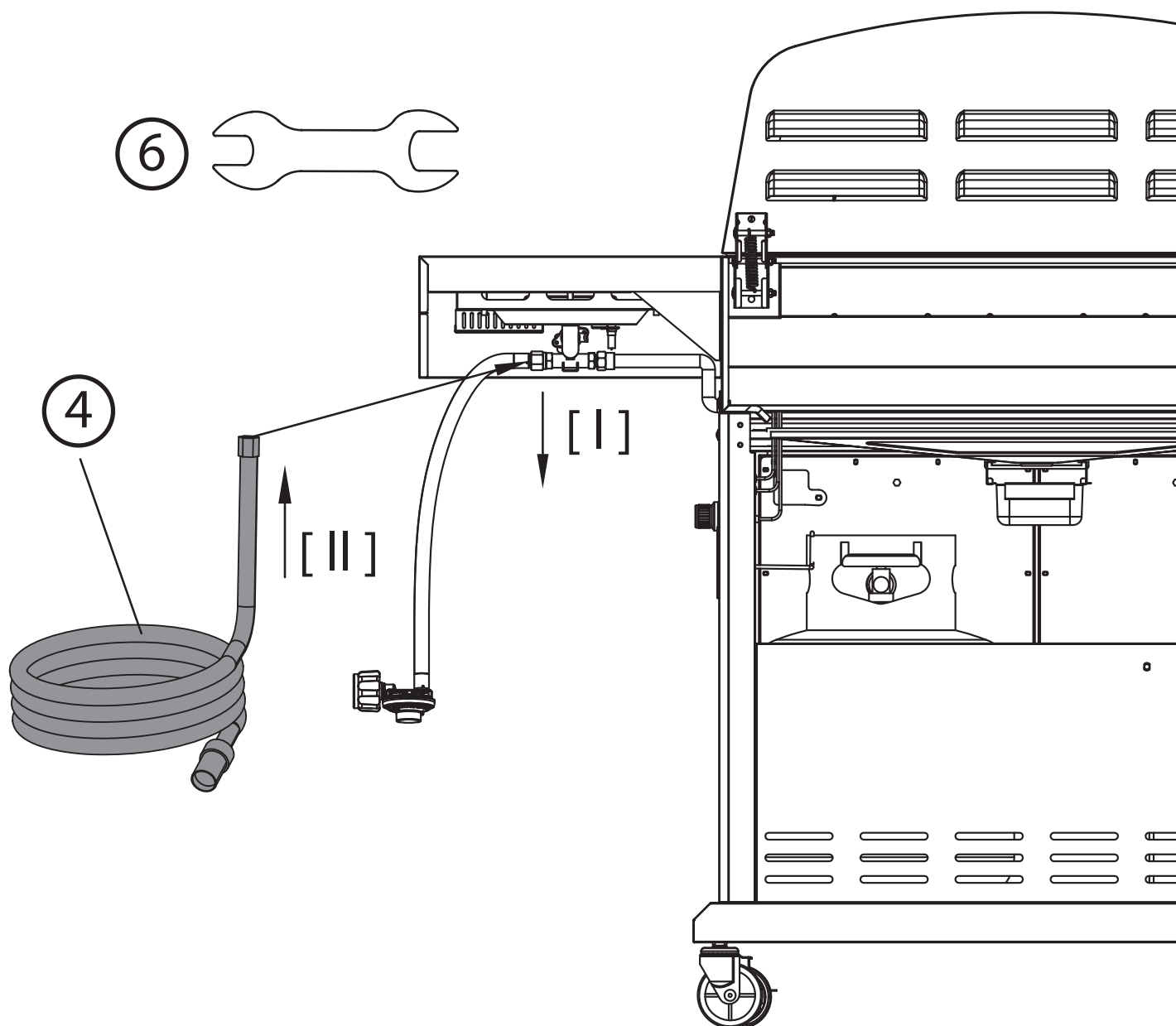
- Reattach the four main burners and the one side burner control knobs by lining up the D-shape slot onto the D-shaped stem and push in.



ASSEMBLY INSTRUCTIONS

STEP 13

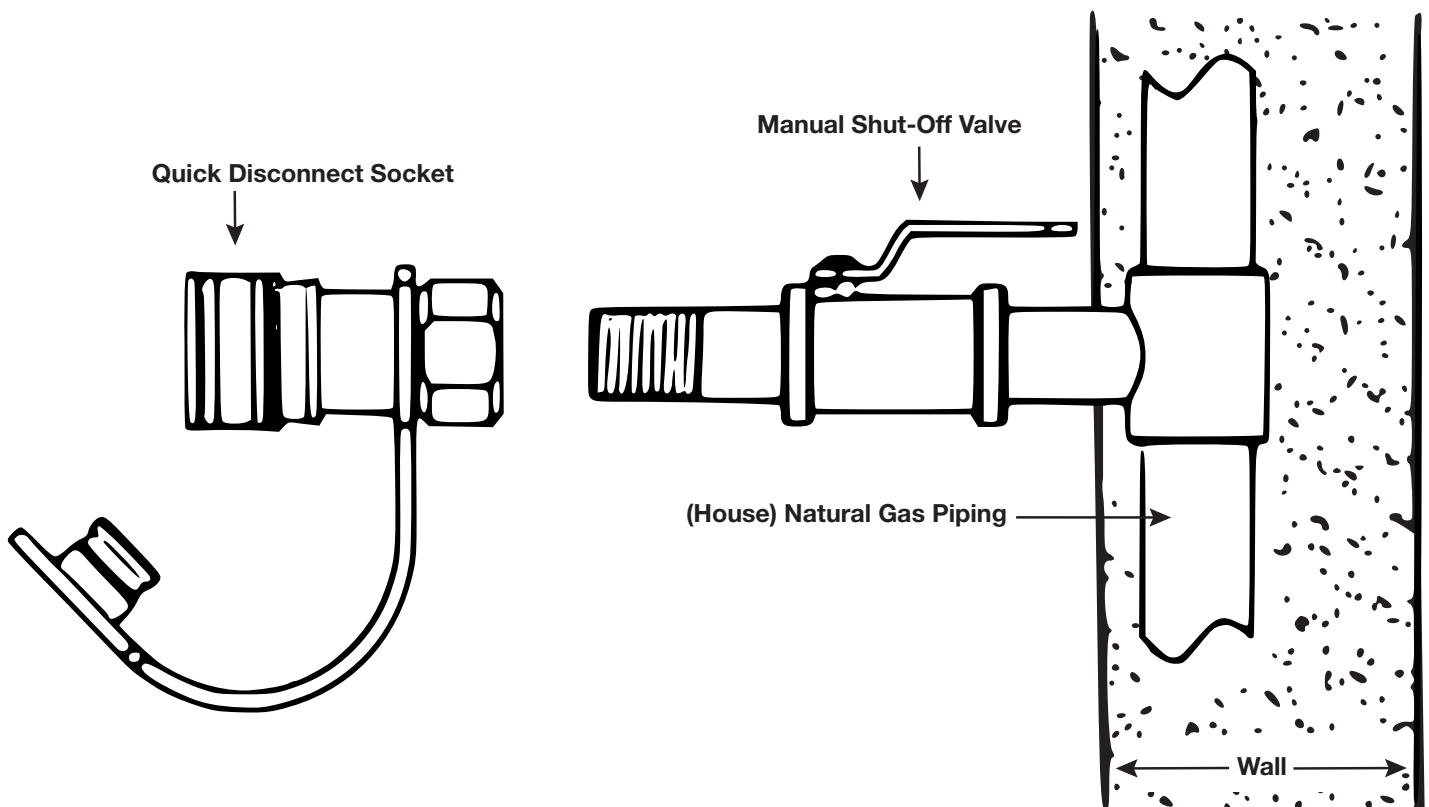
- Use the wrench (**6**) to detach the LP regulator and hose from threaded fitting as shown [I].
- Replace with the NG hose (**4**) and use the wrench (**6**) to re-attach threaded end nut and tighten snug [II].



CONNECTION TO NATURAL GAS SUPPLY

Natural Gas Connection:

- **IMPORTANT:** When connecting or replacing gas pipe or fittings, all joints must be sealed with approved leak-proof sealing compound or plumber's tape. After making connections, pressurize the system, then check all joints for leaks using a soapy water solution and a brush.
- Connect a Manual Shut-Off Valve to the gas supply line. Connect the Quick Disconnect Socket to the Manual Shut-Off Valve at the gas supply. An easily available Manual Shut-Off Valve must be installed upstream of and as close to the Quick Disconnect as possible.
- **WARNING:** The Quick Disconnect Socket must not be installed in an upward direction.



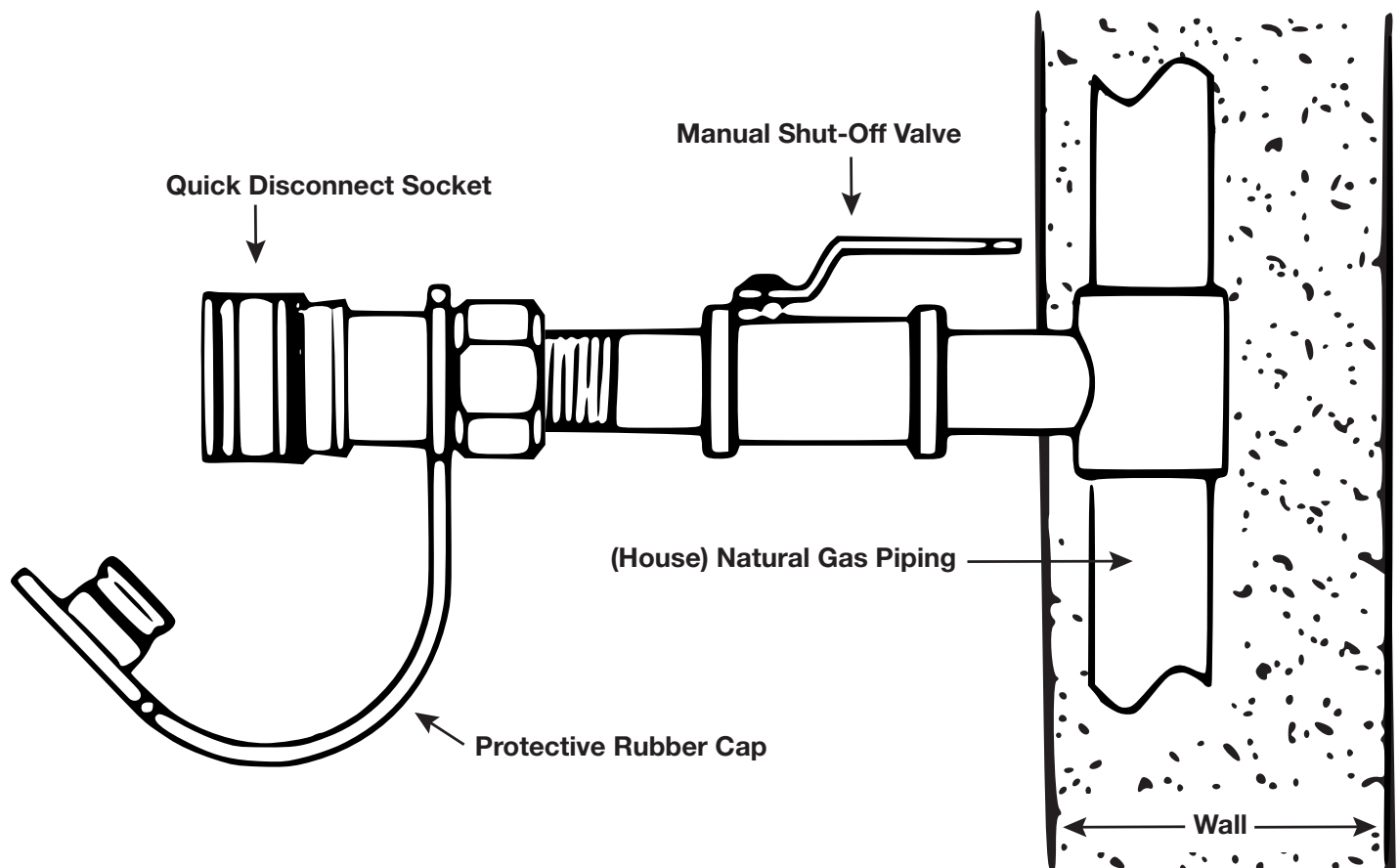
CONNECTION TO NATURAL GAS SUPPLY

CONNECTING THE GRILL TO THE NATURAL GAS SUPPLY

- The Quick Disconnect Socket and supply gas line must be installed by a qualified technician. The supply connection must be made in accordance with local codes or, in the absence of local codes, with either the National Fuel Gas Code, ANSI Z223.1/NFPA 54, in the USA, or the Natural Gas and Propane Installation Code, CSA B149.1, in Canada. A properly sized manual shut-off valve must be installed between the grill and the gas supply piping. The grill and its individual shut-off valve must be disconnected, check safety valve from the gas supply piping system.
- The grill must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 0.5 PSI (3.5 kPa).

TO CONNECT

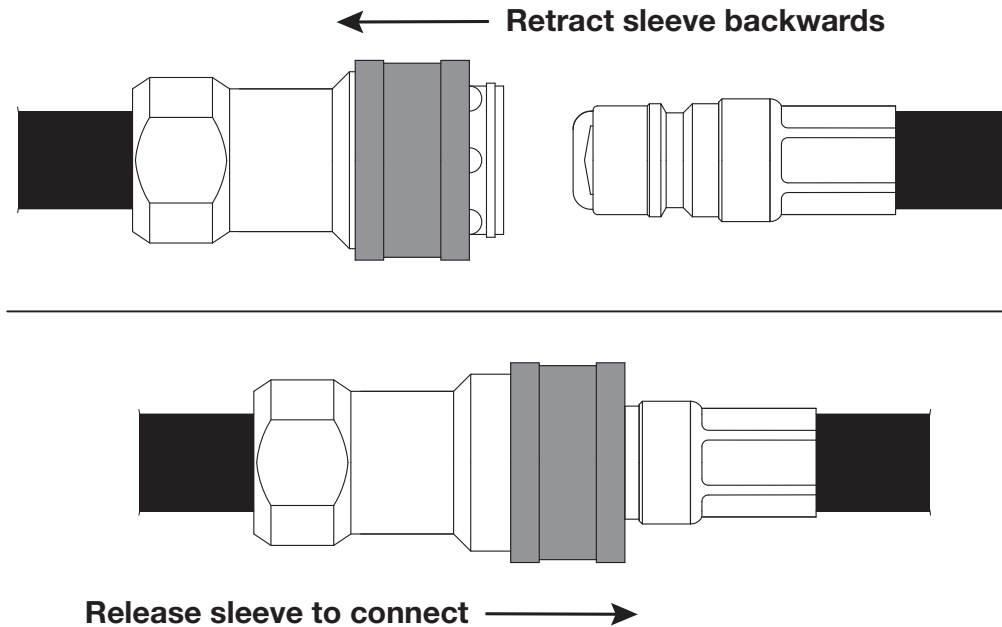
1. Ensure that the natural gas shut-off valve is closed.
2. Remove the protective rubber caps from the plug and sleeve ends of the Quick Disconnect fittings. Check that the fittings are clean.



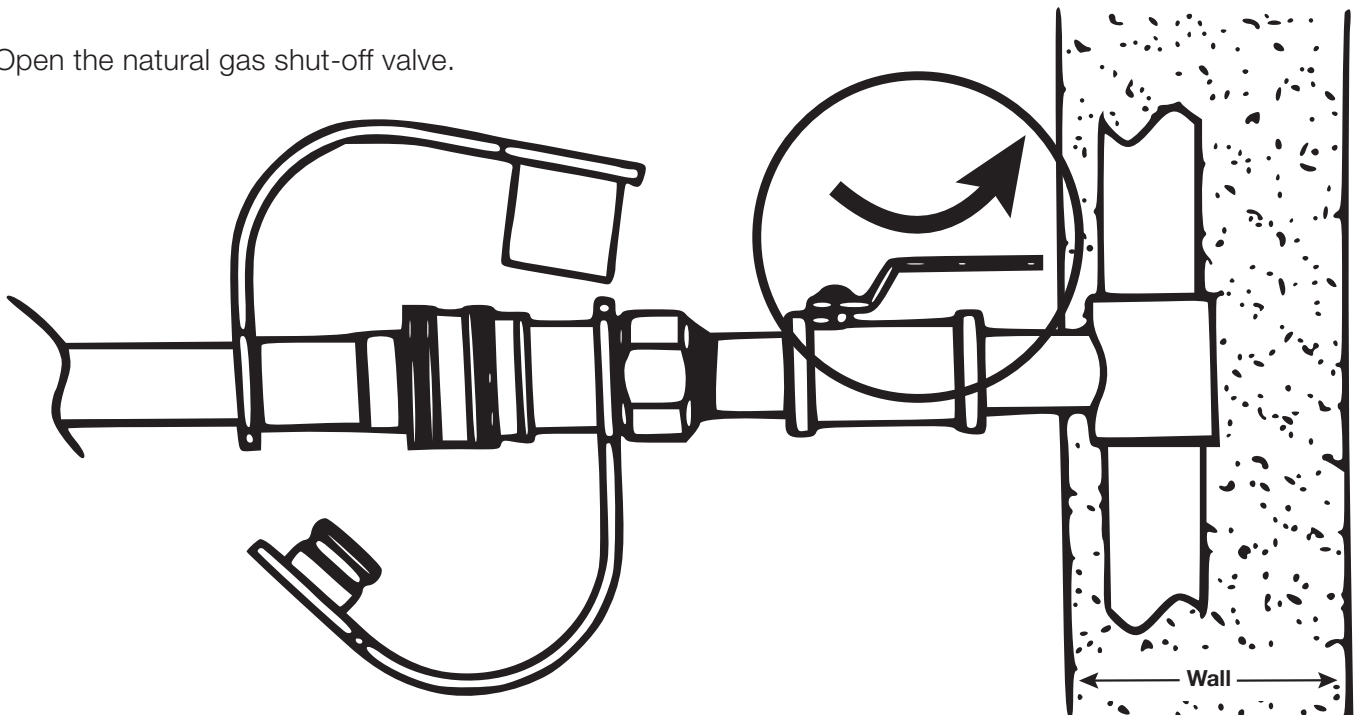
CONNECTION TO NATURAL GAS SUPPLY

TO CONNECT (continued)

3. Retract the sleeve on the coupling as illustrated.
4. Insert the plug and release the sleeve as illustrated.
5. Push the plug into the sleeve until the sleeve snaps forward to lock the plug in the coupling.



6. Open the natural gas shut-off valve.



TO DISCONNECT

1. Close natural gas supply at shut-off valve.
2. Pull the sleeve back and gently pull out the plug.
3. Replace the protective rubber caps on the plug and sleeve ends of the quick disconnect coupling and snap into place.

USE AND CARE

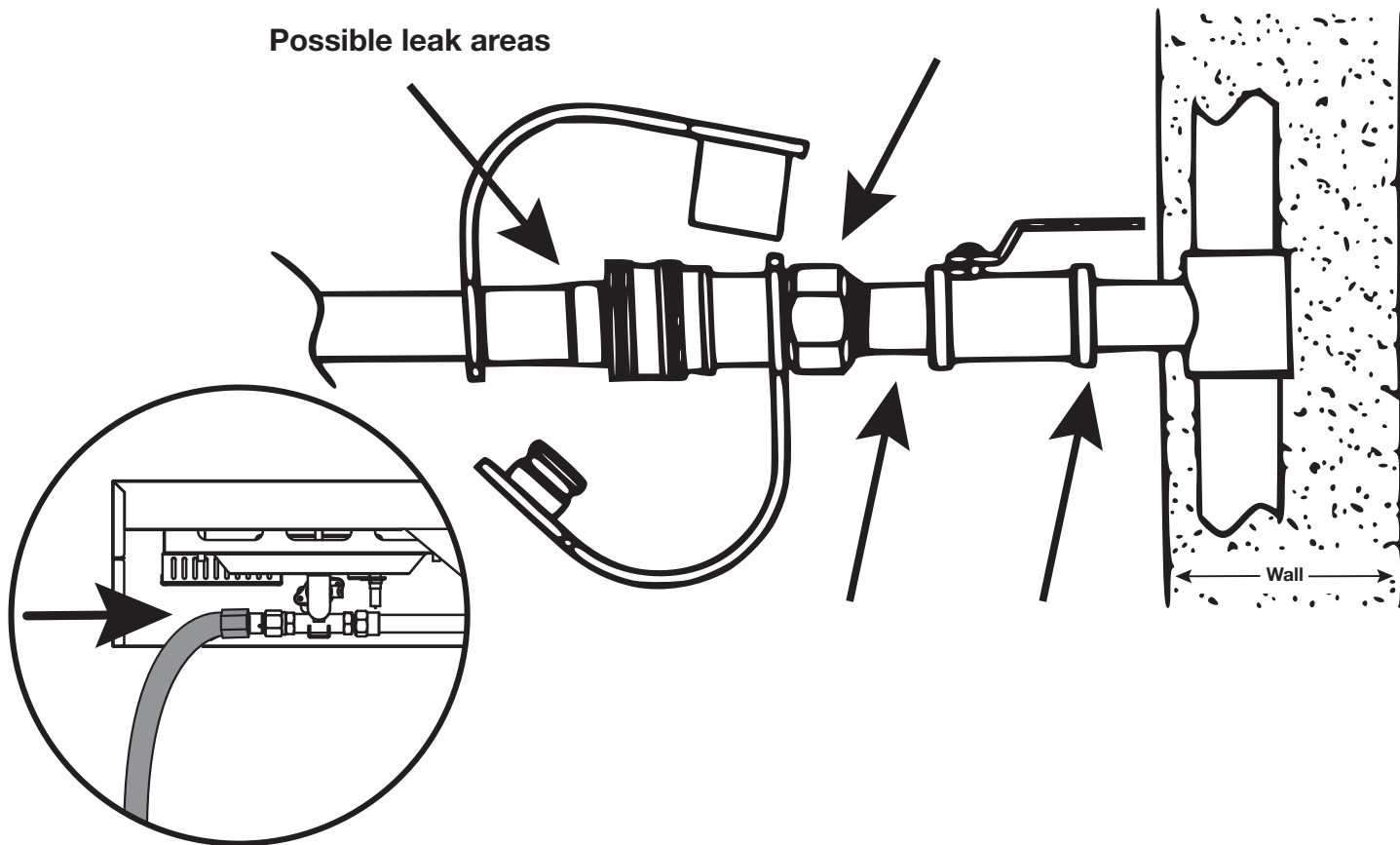
WARNING


Many areas of an outdoor gas grill generate extreme heat. We have taken every precaution to protect you from the contact areas. However, it is impossible to isolate all high-temperature areas. Therefore, use good judgment and caution when grilling on this product. We suggest a covered, protected hand during operation of grill. Do not move your grill when it is in operation or hot to the touch. Wait until your unit is turned off and properly cooled down before moving it. Failure to follow this warning could result in personal injury.

CHECKING FOR GAS LEAKS

1. Make 2-3 ounces of leak-solution by mixing liquid dishwashing soap with water.
2. Be certain all control knobs are in the "OFF" position.
3. Brush small amounts of the solution on all the fittings and turn the gas on.
4. If bubbles appear, there is a leak. Proceed to next steps.
5. Turn the gas off and tighten all connections.
6. If no bubbles appear, there are no leaks. If bubbles do appear, turn the gas valve to OFF. If leak is on the House Supply side, contact a gas plumber, if leak is on the Quick Disconnect and hose side, please contact our customer care team service.
7. Go back to Step 1 to retest the fittings. If bubbles continue to appear, turn the gas off. Contact customer service.

Possible leak areas



 **WARNING:** Never use a match or open flame for leak detection. Use of an open flame could result in a fire, explosion and bodily harm. Never store a spare tank under or near your grill when using Natural Gas fuel.

- **IMPORTANT:** When connecting or replacing gas pipe or fittings, all joints must be sealed with approved leak-proof sealing compound or plumber's tape. After making connections, check all joints for leaks using a soapy water solution and a brush.

WARRANTY AND REPLACEMENT PARTS

- This warranty covers defects in parts and workmanship for a period of 3 years from the original purchase date.
- Any damage claim regarding the enameling must be submitted within 30 days of purchase to be covered by the warranty.

The following conditions are NOT covered by this warranty:

- Unevenness and color variations in the coated surfaces.
- Damage caused by improper assembly or disregard of the manual.
- Use of spare parts not supplied by manufacturer.
- Damage resulting from modifications or inappropriate use.
- Abuse of the grill.
- Damage caused by improper maintenance or repairs by an unauthorized person.

Limitations and exclusions:

- This warranty applies only to the original purchaser and may not be transferred.
- If you can not verify the purchase date of the grill the warranty period will begin on the date the grill was manufactured.
- Replacement or repair parts are warranted for the remaining period of the original part warranty.

Your obligations:

- This grill must be assembled, installed, operated and maintained in accordance with all applicable codes and the instruction manual furnished with this grill. You must keep an invoice, cancelled check or payment record to verify the purchase date of the grill.

**Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 866-994-6390, 9 a.m.-5 p.m. EST, Monday-Friday or email outdoors@cuisinart.com
Visit our website: www.cuisinart.com**

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Cuisinart
Outdoors®

Model# QG-2186

**Cuisinart Outdoors a division of Conair LLC
Glendale, AZ 85307**