



REVOLUTION™ DUAL FUEL



FLARE[®] FREE[™]
TECHNOLOGY[™]

ASSEMBLY MANUAL

85-3140-6 (G53701) Propane

LIMITED 5-YEAR WARRANTY

Read and save manual for future reference.

Assemble your grill immediately. Missing or damaged parts should be claimed within 30 days of purchase.

For product inquiries, parts, warranty and troubleshooting support, please call 1-800-275-4617.

www.colemanbbqs.com

Manual Revision #: 07062017 AT



HEAVY ARTICLE NEEDS 2 TO LIFT

THIS MANUAL MUST REMAIN WITH THE PRODUCT AT ALL TIMES

To ORDER non-warranty replacement parts or accessories,
or to register your warranty, please visit us on the web at
www.colemanbbqs.com

⚠ CAUTION

Sharp edges. Wear gloves when assembling your grill.

⚠ CAUTION

Read and follow all safety statements, assembly instructions, use and care directions before attempting to assemble and cook.

⚠ INSTALLER OR ASSEMBLER/ CONSUMER

This manual should be kept with the BBQ at all times.

⚠ WARNING

Failure to follow all of the Manufacturer's instructions could result in hazardous fires, explosions, property damage, or serious personal injury or even death.

Follow all leak check procedures carefully prior to operation of barbecue, even if grill was dealer assembled. Do not try to light this barbecue without reading the Lighting Instructions section of this manual.

⚠ DANGER

1. If you smell Gas:
 - a. Shut off gas to the appliance
 - b. Extinguish any open flame
 - c. Open lid
 - d. If odor continues, keep away from the appliance and immediately call your gas supplier or your fire department
2. Requires two people to complete the assembly process.
3. Beware of sharp edges.

⚠ WARNING

1. Do not store or use gasoline or other flammable liquids or vapours 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.

⚠ WARNING

IN DIRECT SUN, AND IN OPERATION, YOUR BBQ'S STAINLESS STEEL AND PAINTED STEEL PARTS CAN BECOME VERY HOT.

THIS BARBECUE IS FOR OUTDOOR USE ONLY

CONTACT CALL CENTRE IF ANY PARTS ARE MISSING

1-800-275-4617

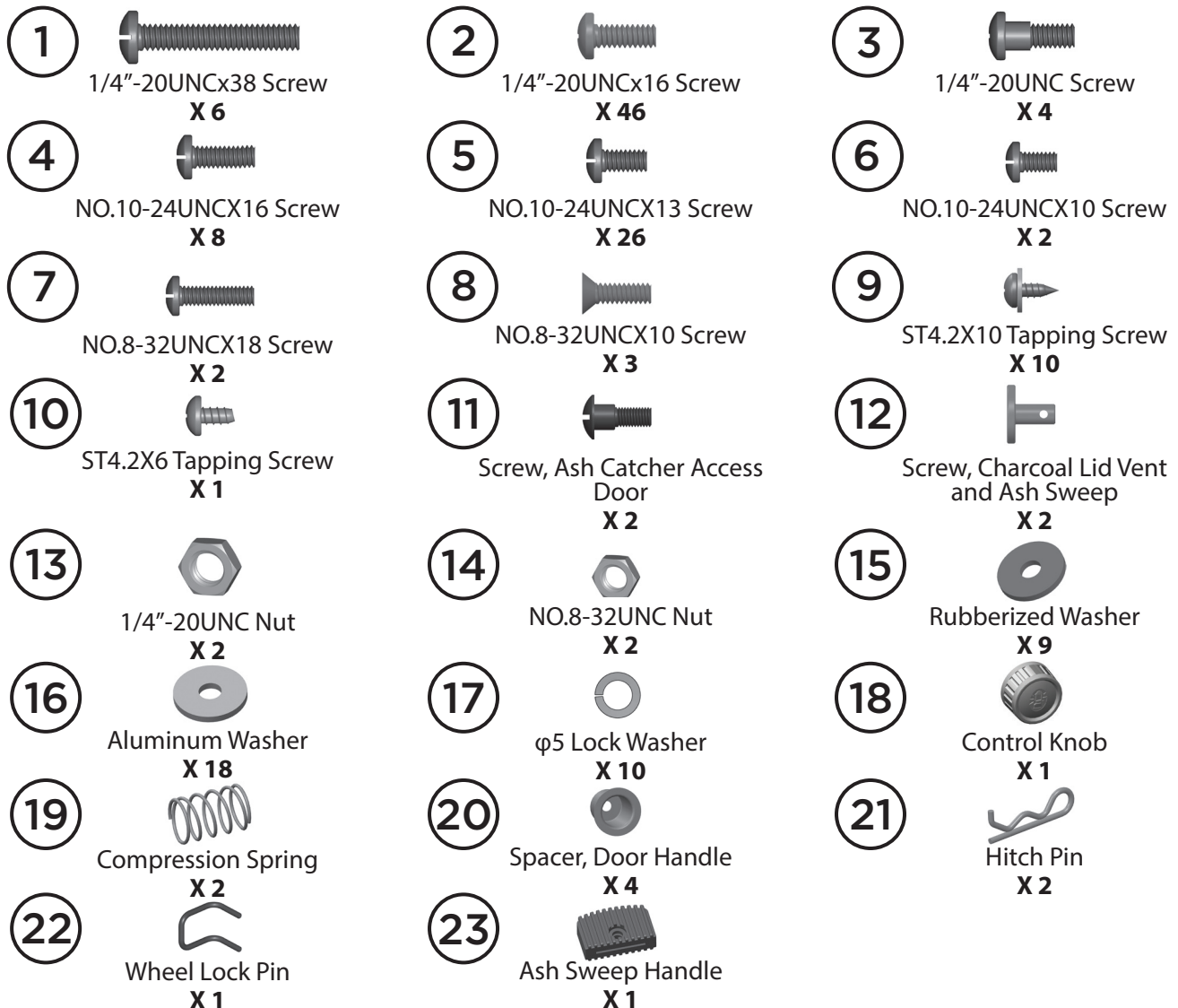
HARDWARE PACK

TOOLS NEEDED FOR ASSEMBLY

- #2 Phillips screwdriver (long and short)
- 1/4" Slotted screwdriver (long and short)
- Adjustable wrench
- Pliers

No.	Description	Part Number	Qty.
1	1/4"-20UNCx38 Screw	20120-13038-250	6
2	1/4"-20UNCx16 Screw	20120-13016-250	46
3	1/4"-20UNC Screw	G353-0014-9000	4
4	NO.10-24UNCX16 Screw	20124-10016-250	8
5	NO.10-24UNCX13 Screw	20124-10013-250	26
6	NO.10-24UNCX10 Screw	20124-10010-250	2
7	NO.8-32UNCX18 Screw	20132-08018-250	2
8	NO.8-32UNCX10 Screw	20332-08010-250	3
9	ST4.2X10 Tapping Screw	22500-42010-137B	10
10	ST4.2X6 Tapping Screw	22500-42006-137	1
11	Screw, Ash Catcher Access Door	G537-0015-9000	2
12	Screw, Charcoal Lid Vent and Ash Sweep	G531-0048-9081	2
13	1/4"-20UNC Nut	30220-13000-250	2
14	NO.8-32UNC Nut	30232-08000-250	2
15	Rubberized Washer	G501-0054-9100	9
16	Aluminum Washer	G466-0042-9000	18
17	φ5 Lock Washer	41400-05000-250	10
18	Control Knob	G532-3600-9000	1
19	Compression Spring	G528-0058-9000	2
20	Spacer, Door Handle	G466-0035-9000	4
21	Hitch Pin	G515-0013-9000	2
22	Wheel Lock Pin	G350-0026-9000	1
23	Ash Sweep Handle	G531-0047-01	1

Caution:
Sheet metal can cause injury. Wear gloves when installing the grill.



BEFORE ASSEMBLING THIS BARBECUE, READ THE INSTRUCTIONS CAREFULLY.

Assemble the barbecue on a flat, clean surface. Grill is heavy. Two people are recommended to assemble this barbecue.

PARTS LIST (PROPANE) FOR 85-3140-6 (G53701)

Item No.	Qty.	Description	Part No.	Item No.	Qty.	Description	Part No.
AA	1	Charcoal Lid	G537-6000-01	CN	1	Grease Cup, Burner Box	G416-0015-01
AB	1	Charcoal Lid Handle	G537-6100-01	CO	2	Grease Cup Rails	G466-0034-01
AC	1	Lid Vent	G531-0001-01	CP	1	Upper Back Panel	G532-0022-01
AD	1	Lid Hinge	G537-6200-01	CQ	1	Lower Back Panel	G532-0021-01
AE	1	Gas Lid Assembly	G532-2000-02	CR	1	Heat Shield, Burner Box	G532-0023-01
AF	1	Gas Lid Handle	G532-0004-01	CS	1	Heat Shield, Tank	G537-0013-01
AG	1	Thermometer	G532-0007-01	CT	1	Back Brace, Charcoal Side	G537-1300-01
AH	1	Thermometer Bezel	G532-0006-01				
AI	2	Screw for Top Lid	G466-0007-01	DA	1	Right Side Shelf Table Base	G537-0900-01
AJ	2	Lid Bumper, Front	G527-0002-02	DB	1	Right Side Shelf Fascia	G537-1000-01
AK	2	Lid Bumper, Rear	G303-0038-01	DC	1	Grease Cup Holder, Flare-Free	G532-0031-02
				DD	1	Grease Cup, Flare-Free	G532-0031-02
BA	1	Fire Bowl	G537-0010-01	DE	1	Right Side Shelf Table Rear Brace	G537-1100-01
BB	1	Charcoal Ignition Burner	G537-0800-01	DF	2	Support Bracket A	G363-1300-01
BC	1	Electrode, Charcoal Lighting Burner	G458-9201-01	DG	2	Support Bracket B	G363-1400-01
BD	1	Ash Sweep	C305-0006-02	DH	2	Side Shelf Table	G537-1200-01
BE	1	Ash Sweep Handle (#23)	G531-0047-01				
BF	1	Charcoal Grate	G537-0012-01	EA	1	Left Cart Side Panel	G537-4300-01
BG	1	Cooking Grate, Charcoal Side	C305-0300-01	EB	1	Middle Cart Panel	G537-4100-01
BH	1	Fire Bowl Vent	C305-0400-02	EC	1	Right Cart Side Panel	G532-1100-01
BI	1	Fire Bowl Vent Handle	C305-0009-01	ED	1	Support Bracket, Regulator	G466-00C3-01
BJ	1	Ash Catcher	C305-0010-01	EE	1	Bottom Shelf	G537-4000-01
BK	1	Ash Catcher Handle	C305-0011-01	EF	3	Locking Castor	G350-0023-01
BL	1	Burner Box	G532-3100-01	EG	3	Castor	G350-0024-01
BM	3	Main Burner	G532-3500-01	EH	1	Lower Front Panel	G537-0004-01
BN	1	Electrode, Main Burner	G515-0067-01	EI	1	Ash Catcher Access door	G537-4400-01
BO	2	Carryover Assembly	G532-0014-01	EJ	2	Magnet, Ash Catcher Access Door	G213-0022-01
BP	3	Heat Distribution Plate	G532-0016-01	EK	1	Handle, Ash Catcher Access Door	G353-0024-01
BQ	1	Grease Channel	G532-0015-01	EL	1	Stopper, Ash Catcher Access Door	G537-0003-01
BR	6	Cooking Grate, Gas Side	G532-0017-01	EM	1	Interior Cart Divider	G537-0005-01
BS	1	Flare Free Cleaning Tool	G532-0049-01	EN	1	Left Door Assembly	G532-5000-01
BT	1	Warming Rack	G532-0018-01	EO	1	Right Door Assembly	G532-6000-01
BU	1	Match Holder	G501-0068-01	EP	2	Handle, Door Assembly	G532-0026-01
BV	1	Grease Channel Shield	G532-0063-01	EQ	2	Magnet, Door Assembly	G527-0037-01
CA	1	Control Panel, Charcoal Side	G537-0007-01	F1	1	Hardware Pack	G537-B001-01
CB	1	Fire Bowl Mounting Shelf	G537-0600-01	F2	1	Assembly Manual	G537-M001-01
CC	3	Tool Hooks	G360-0016-01	F3	1	Safe Use and Care Manual	G537-M001-02
CD	1	Manifold Assembly	G537-3200-01	F4	1	Charcoal Grill Cooking Guide	G537-M001-03
CE3	1	Instastart™ Ignition Button	G532-0013-02	F5	1	Tank Screw	G505-0047-01
CF	1	Regulator	G312-1004-01				
CG	1	Charcoal Ignition Burner Valve	G537-0001-01				
CH	1	Metal Hose	G508-0024-01				
CI	4	Control Knob	G532-3600-01				
CJ	4	Control Knob Bezel	G532-0012-01				
CK1	1	Electronic Ignition Assembly	G532-0019-01				
CK2	1	Ignition Battery Cover	G532-0019-02				
CL	1	Control Panel, Gas Side	G537-0014-01				
CM	1	Front Brace	G532-9000-01				

This exploded view diagram illustrates the assembly of a kitchen appliance, likely a food processor or blender. The components are labeled with two-letter codes in circles, ranging from AA to EQ. The diagram shows the following parts and their assembly relationships:

- Top Assembly:** Includes the lid (AA), its gasket (AB), and the base (AH) with its motor housing (AG) and base plate (AF). The lid also features a small cap (AC).
- Internal Components: Includes the main body (BA) and various internal blades and attachments (BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BV, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CE3, CH, CI, CJ, CK1, CK2, CL, CM, CN, CO, CP, CR, CS, CT, DA, DE, DB, DC, DD, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ).
- Base and Feet: Includes the base plate (AF) and the feet (AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BV, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CE3, CH, CI, CJ, CK1, CK2, CL, CM, CN, CO, CP, CR, CS, CT, DA, DE, DB, DC, DD, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ).
- Accessories: Includes various accessories and attachments (AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BV, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CE3, CH, CI, CJ, CK1, CK2, CL, CM, CN, CO, CP, CR, CS, CT, DA, DE, DB, DC, DD, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ).

Hardware
Pack
F1

Assembly
Manual

F2

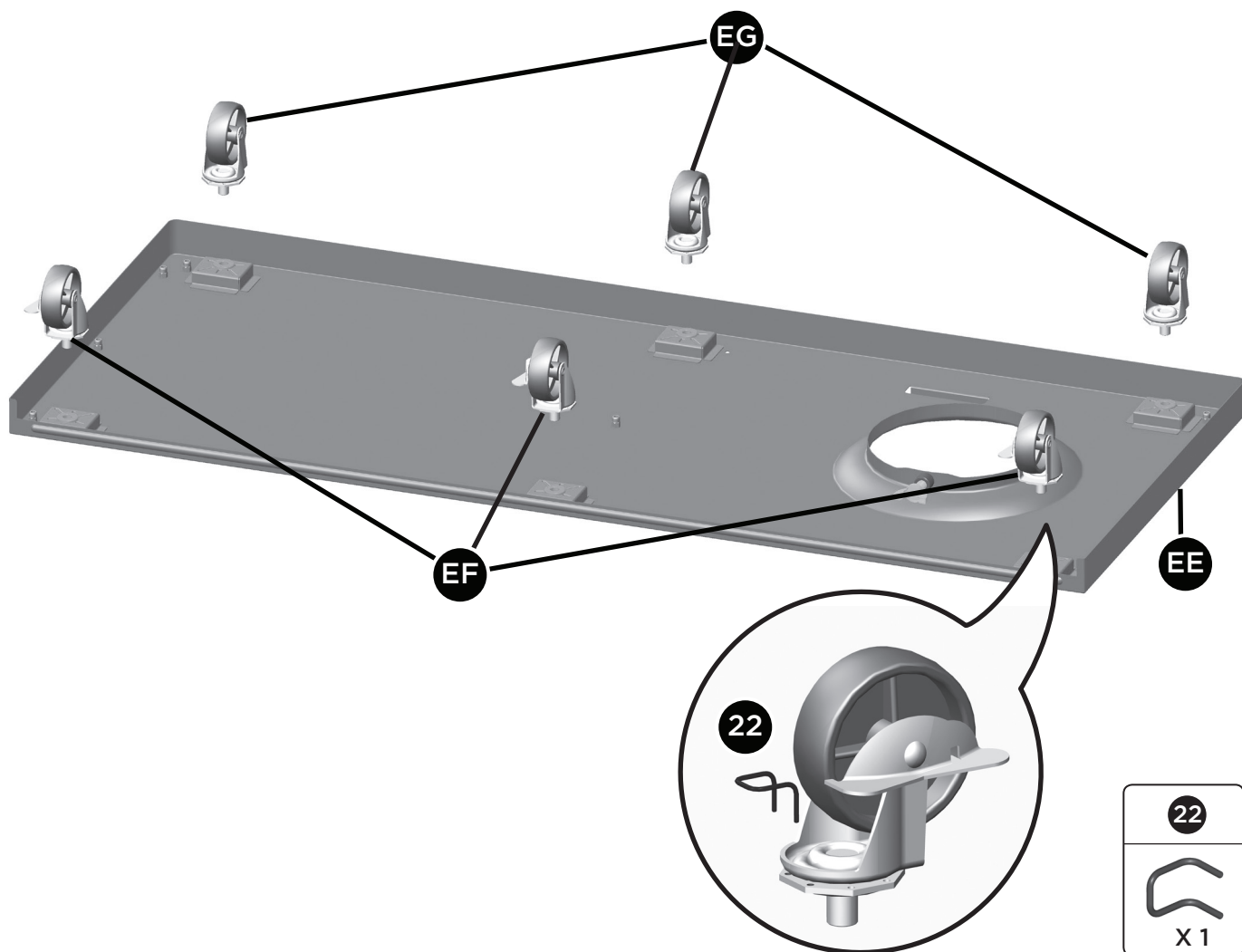
Safe Use
& Care
Manual

F3

Charcoal Grill Cooking Guide

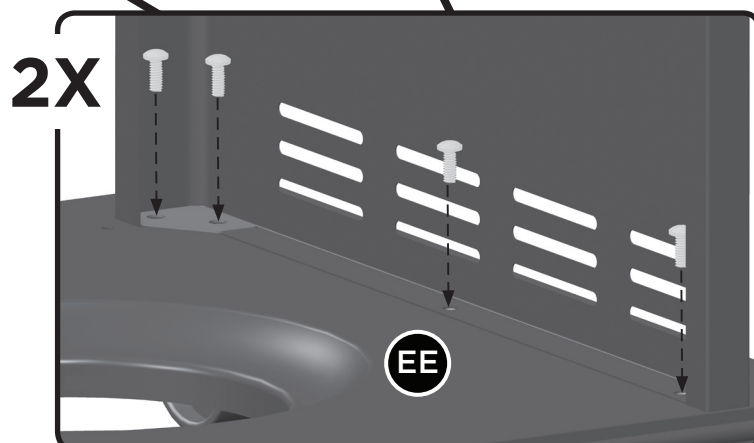
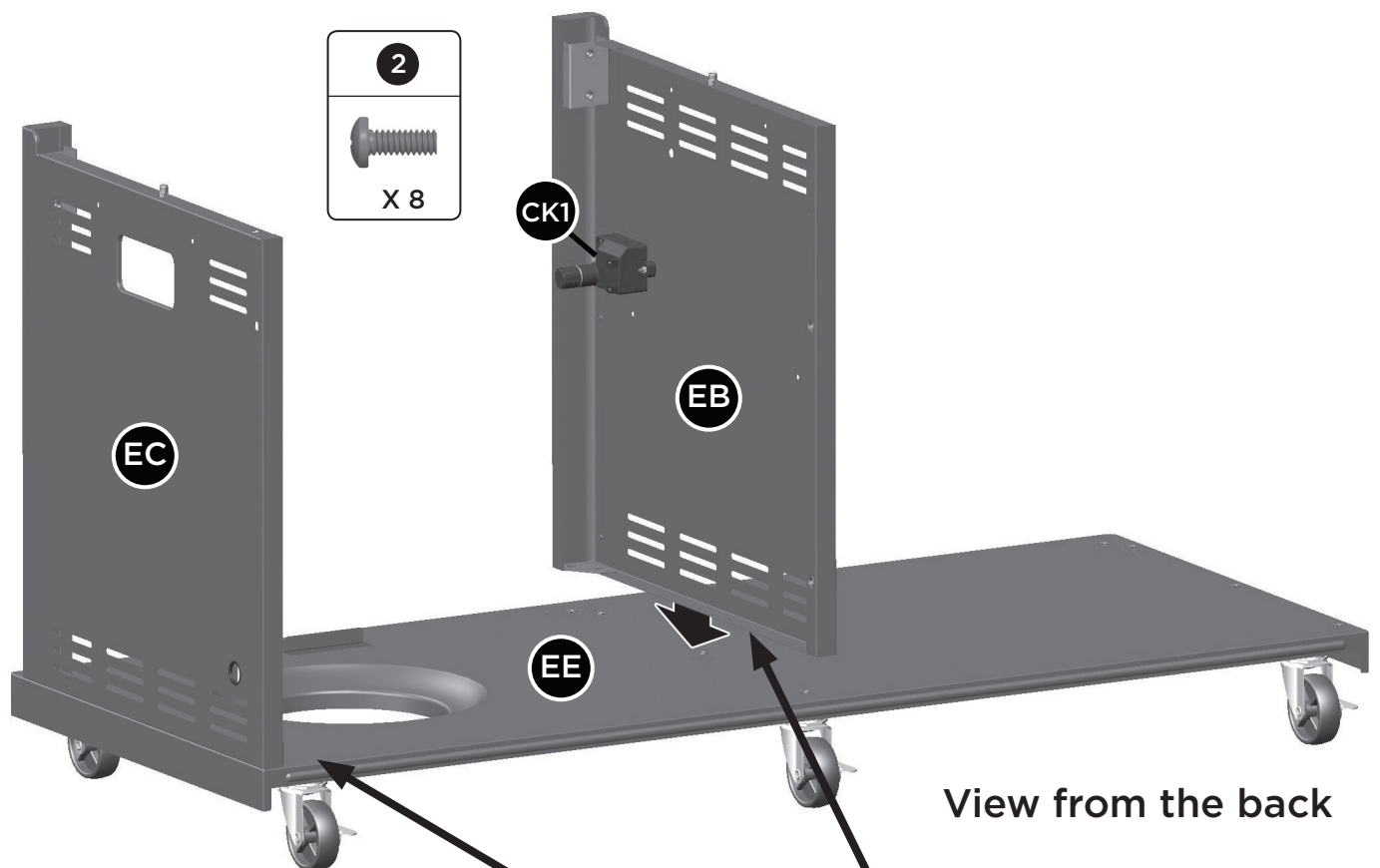
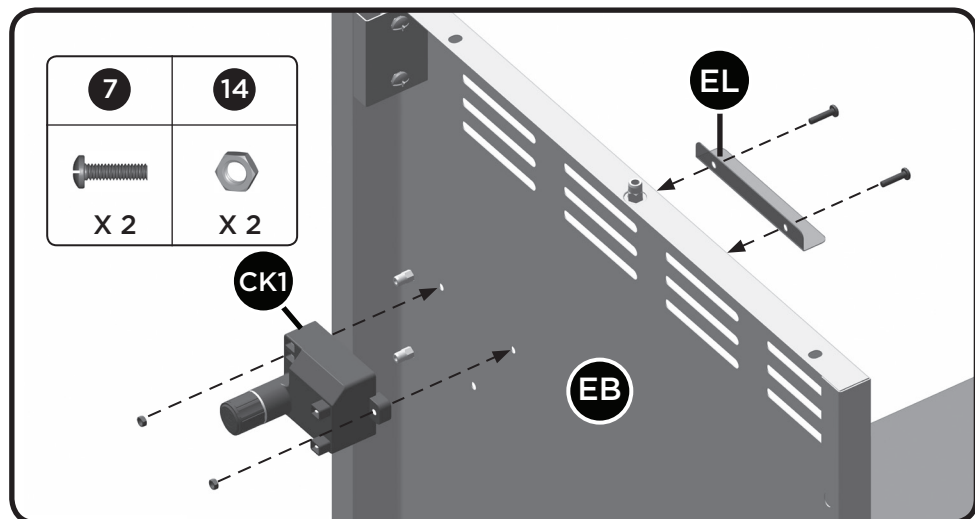
ASSEMBLY INSTRUCTIONS

1

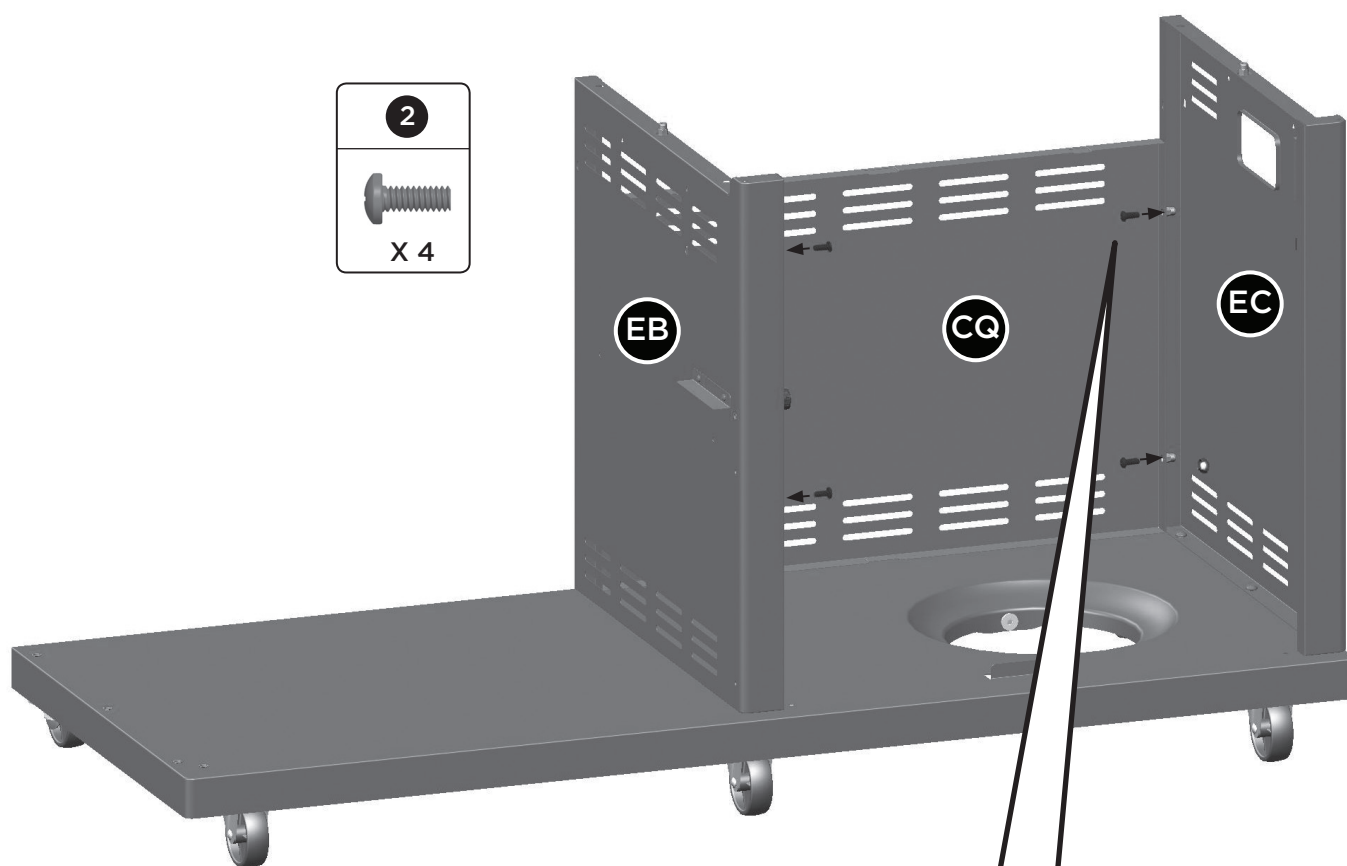


ASSEMBLY INSTRUCTIONS

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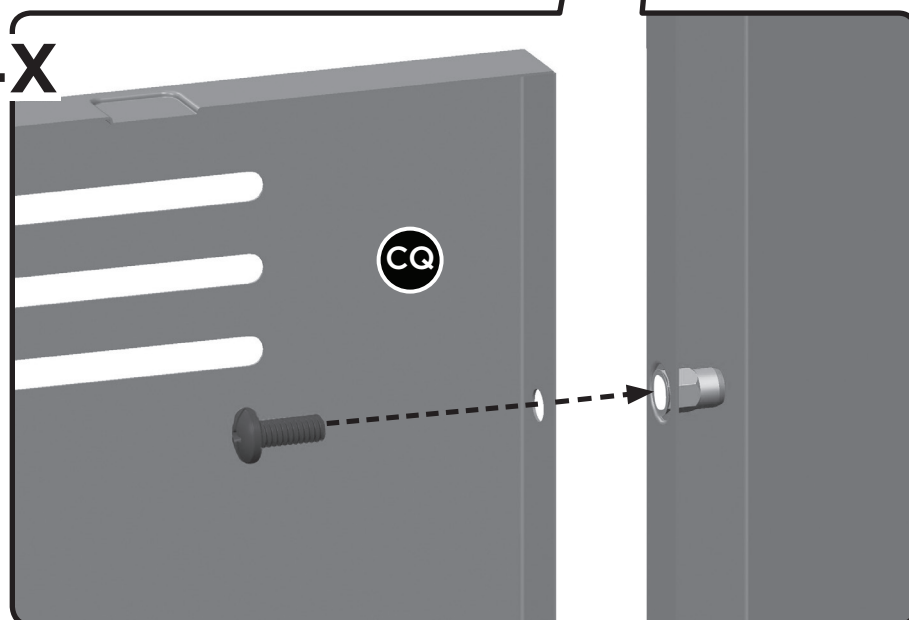


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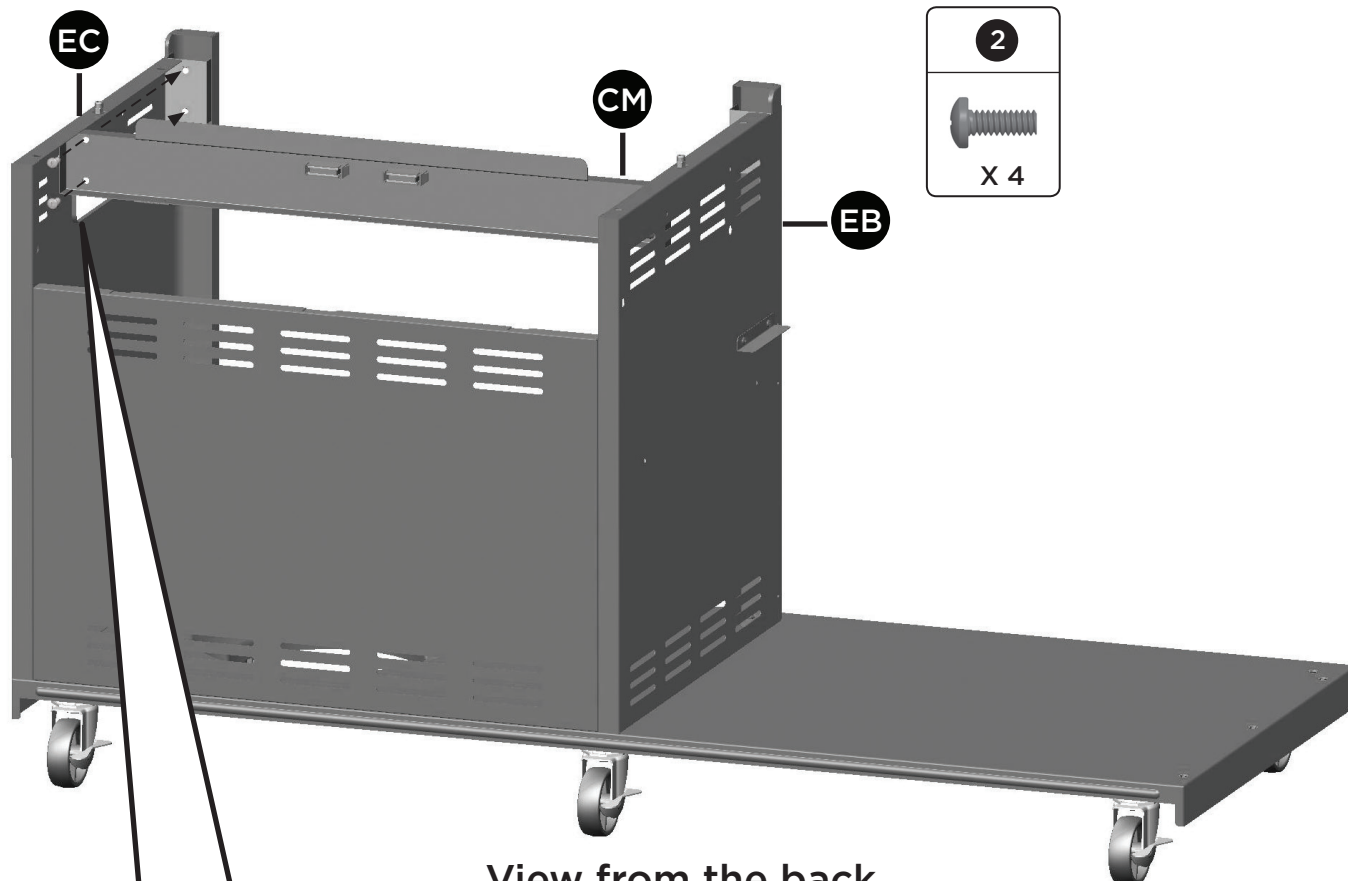
View from the front

4X



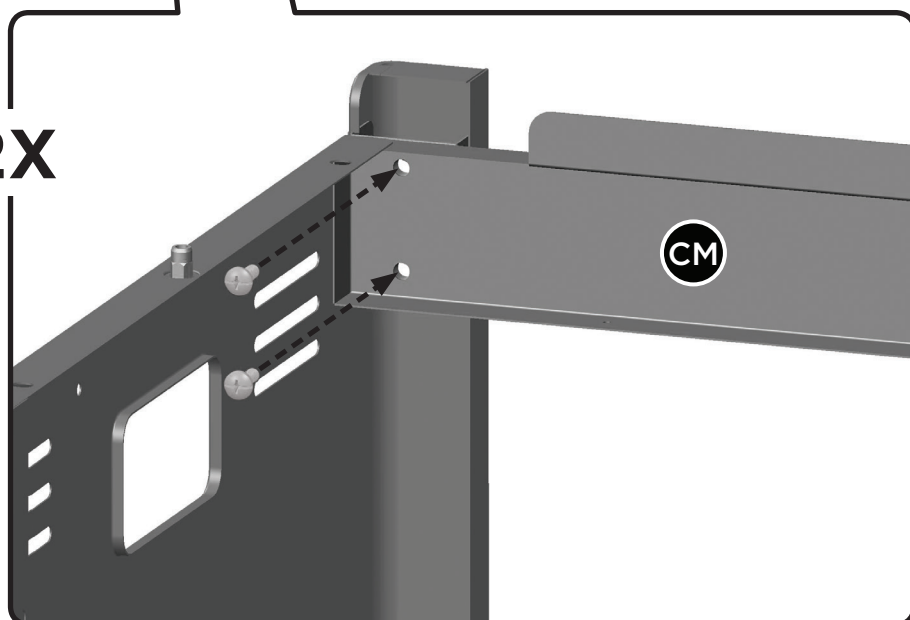
ASSEMBLY INSTRUCTIONS

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View from the back

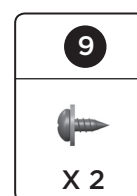
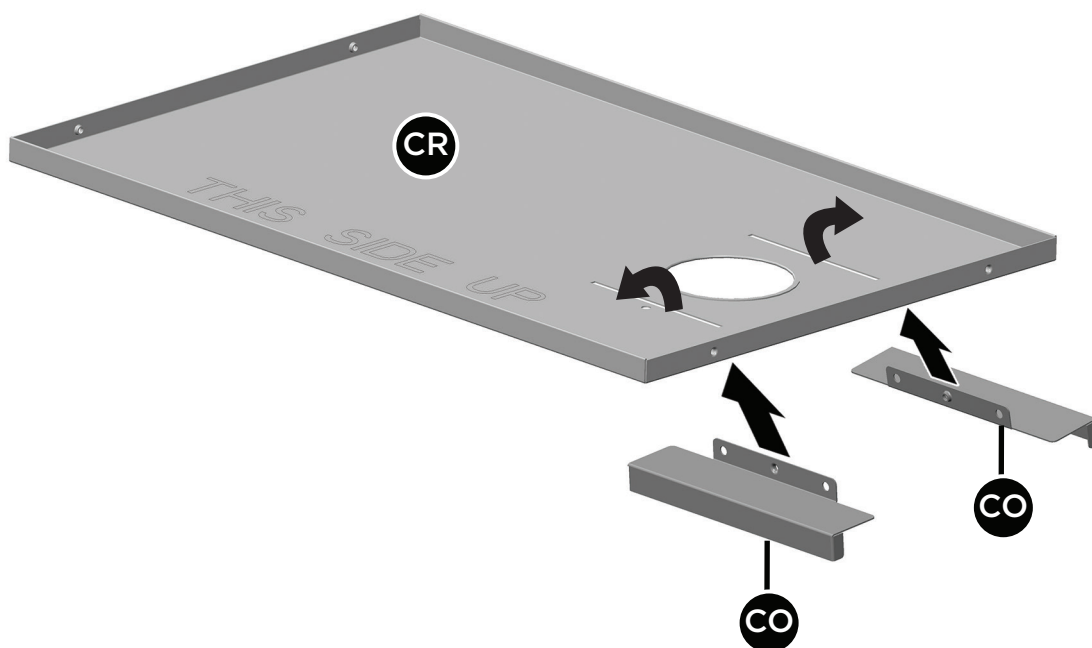
2X



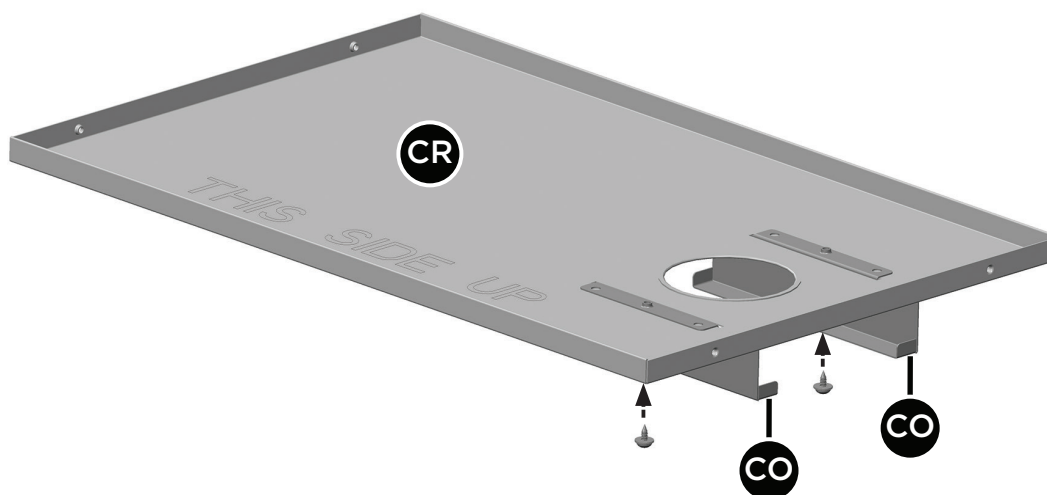
ASSEMBLY INSTRUCTIONS

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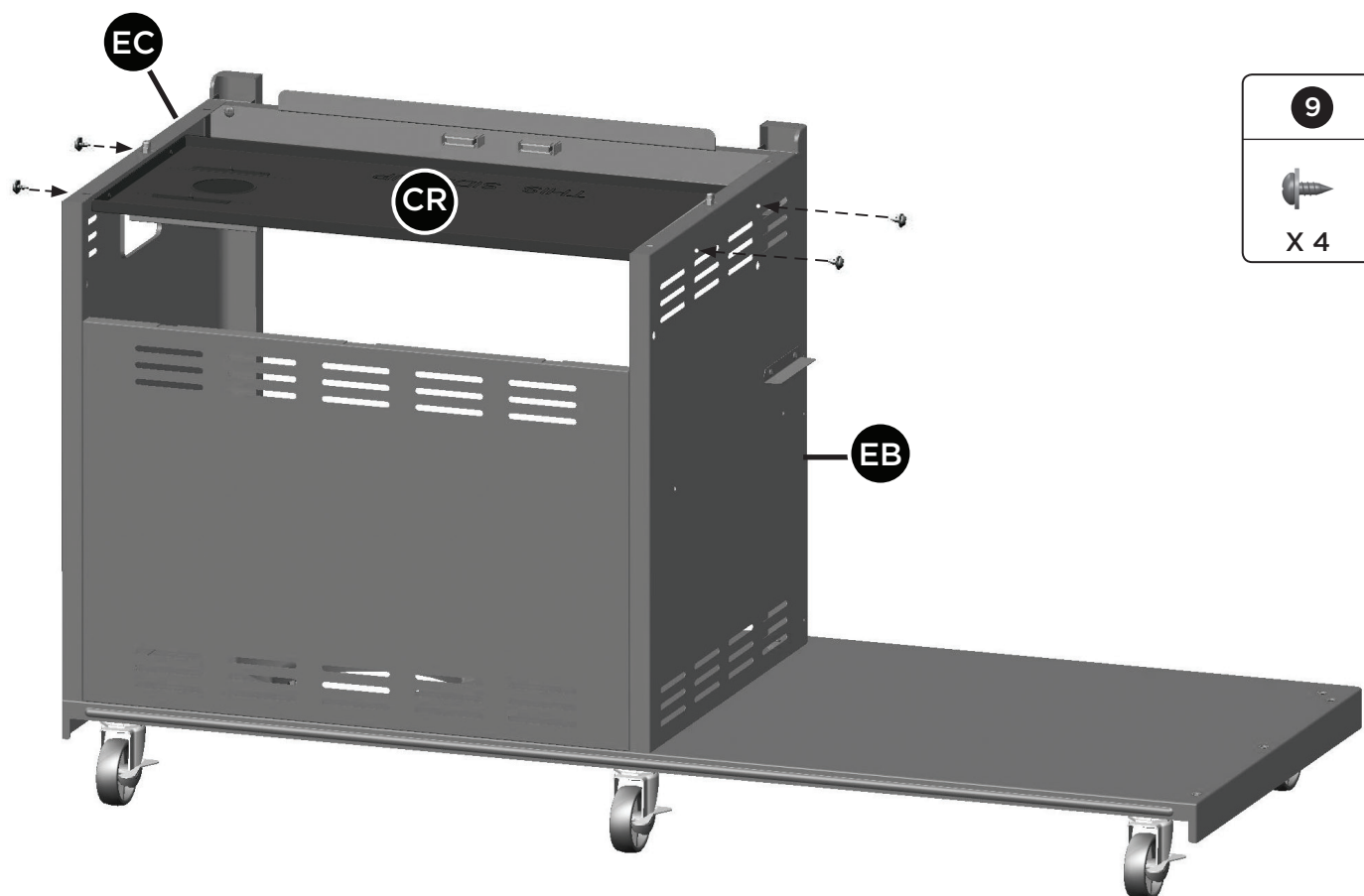


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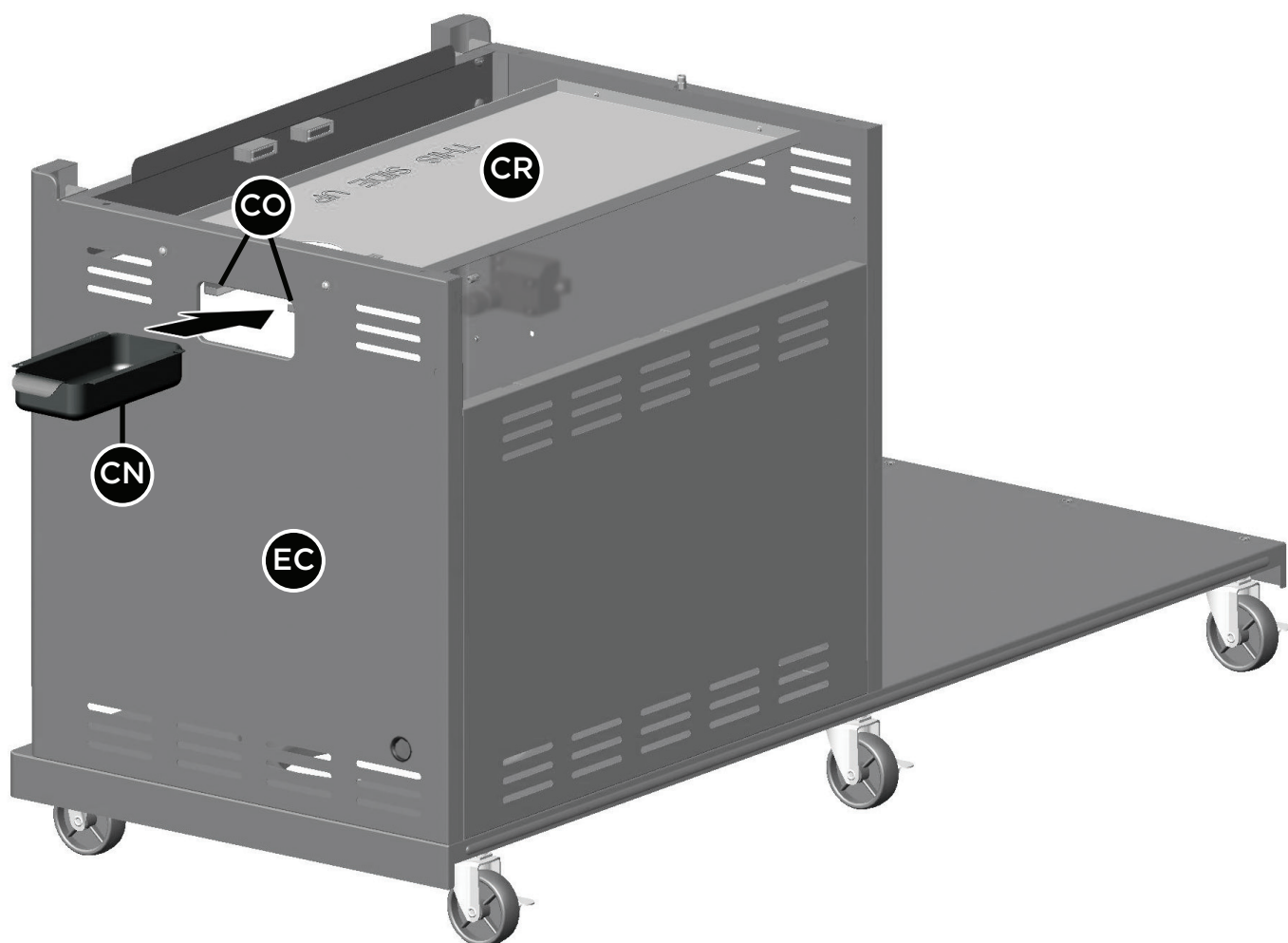
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C.



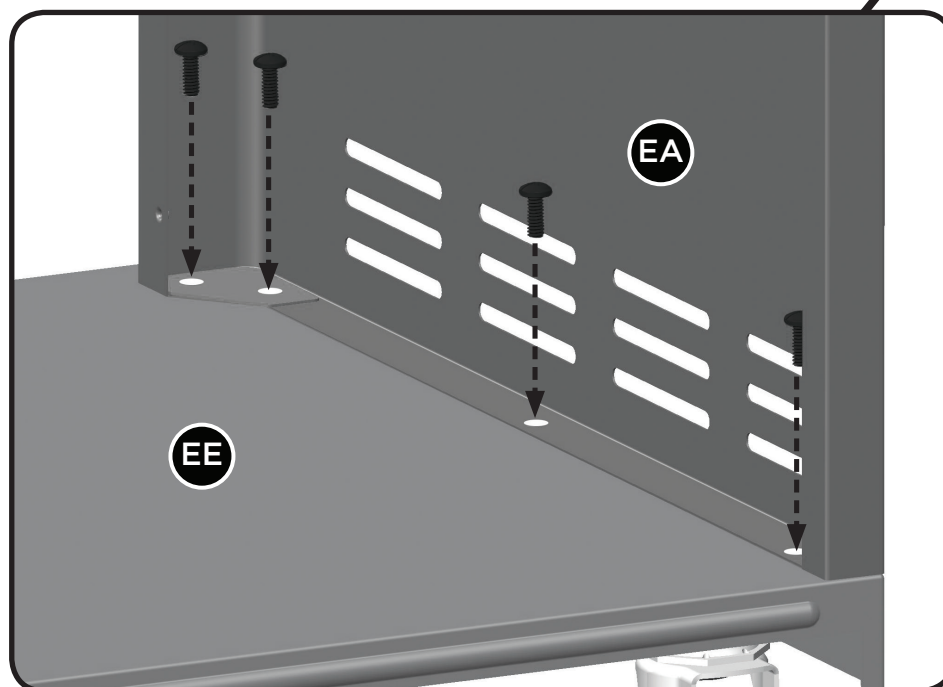
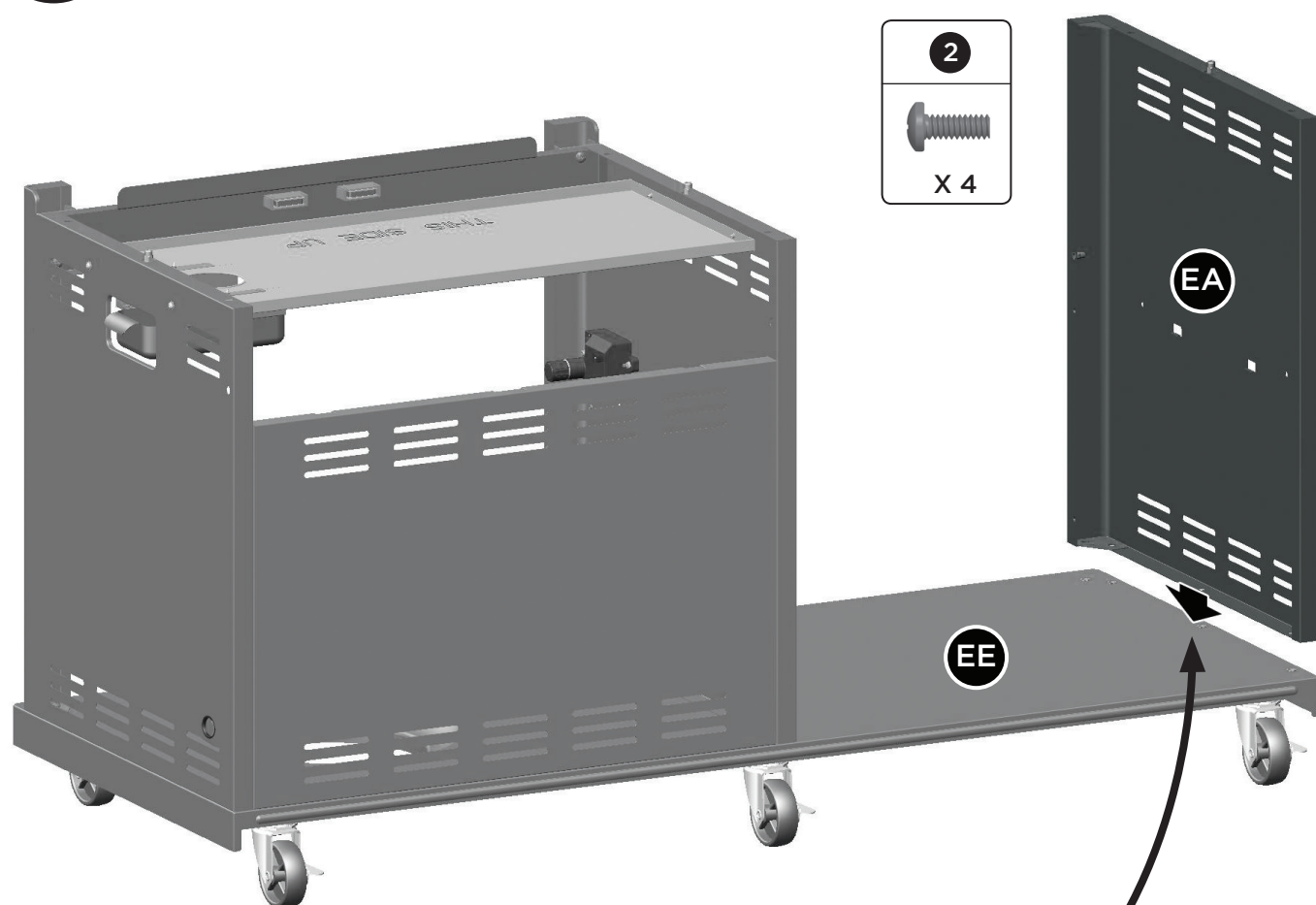
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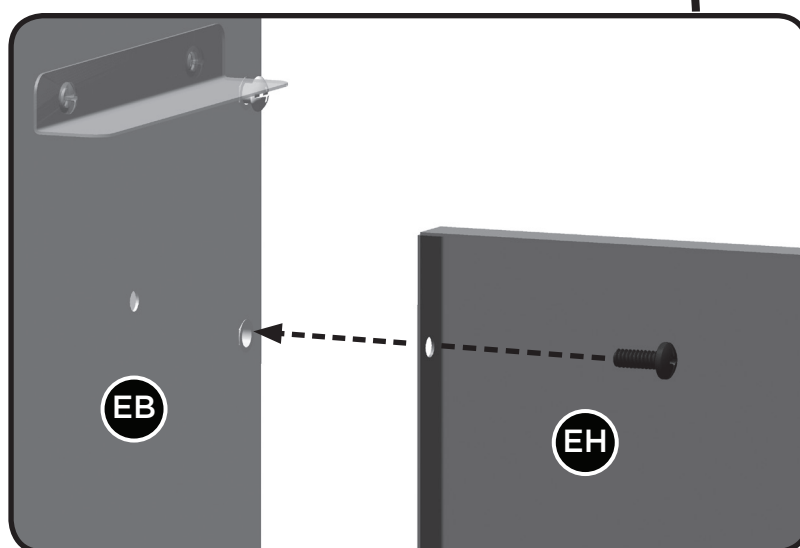
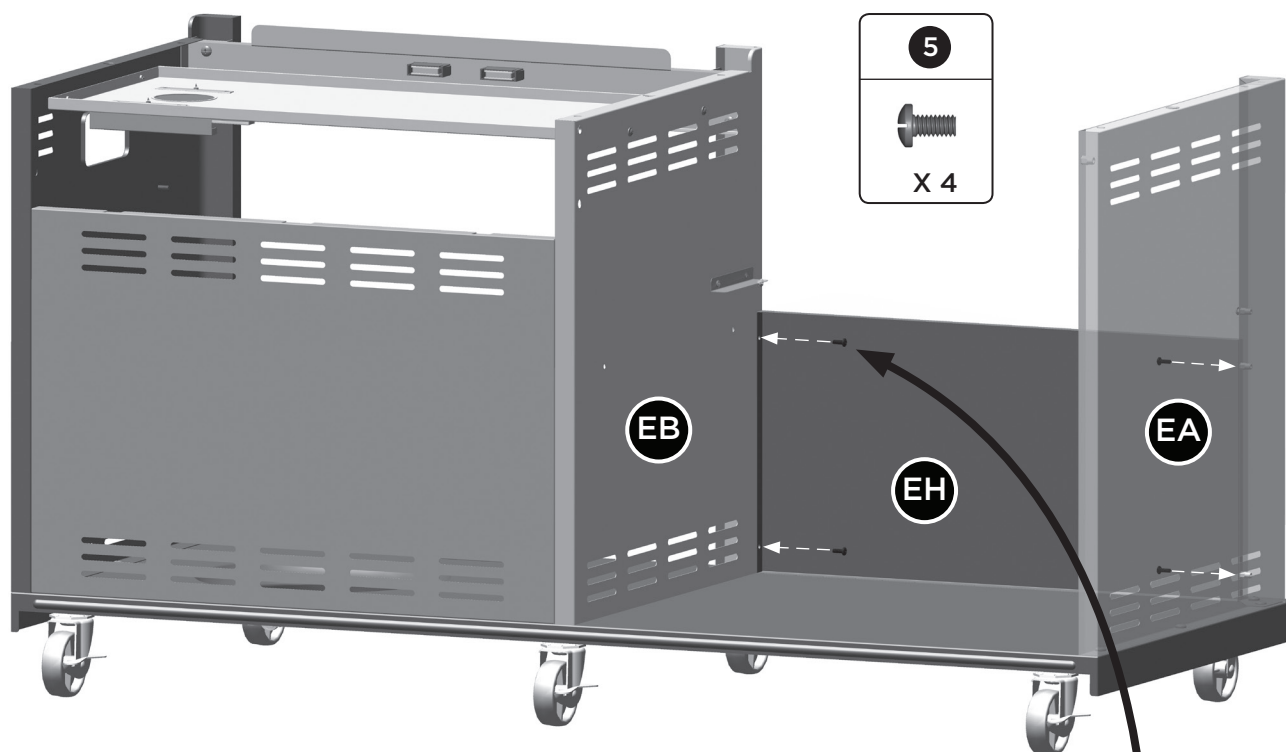
ASSEMBLY INSTRUCTIONS

6



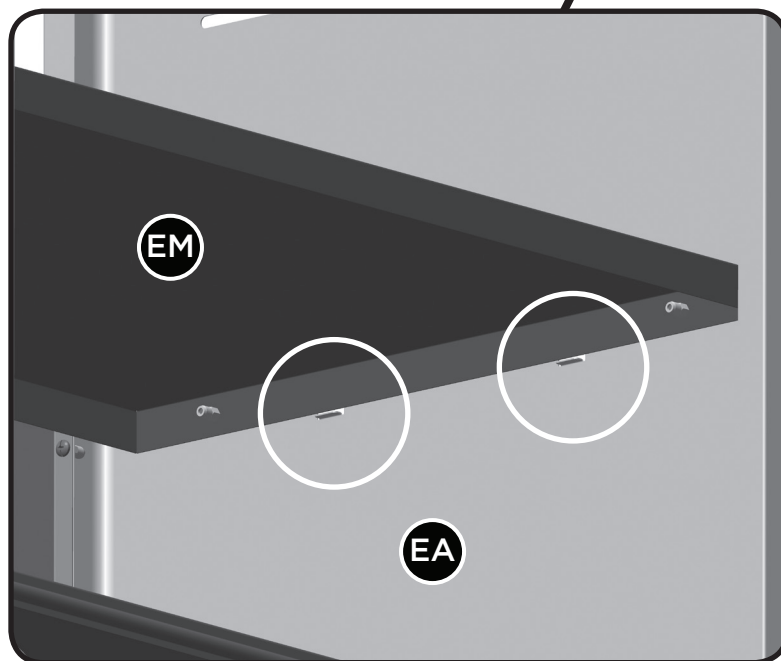
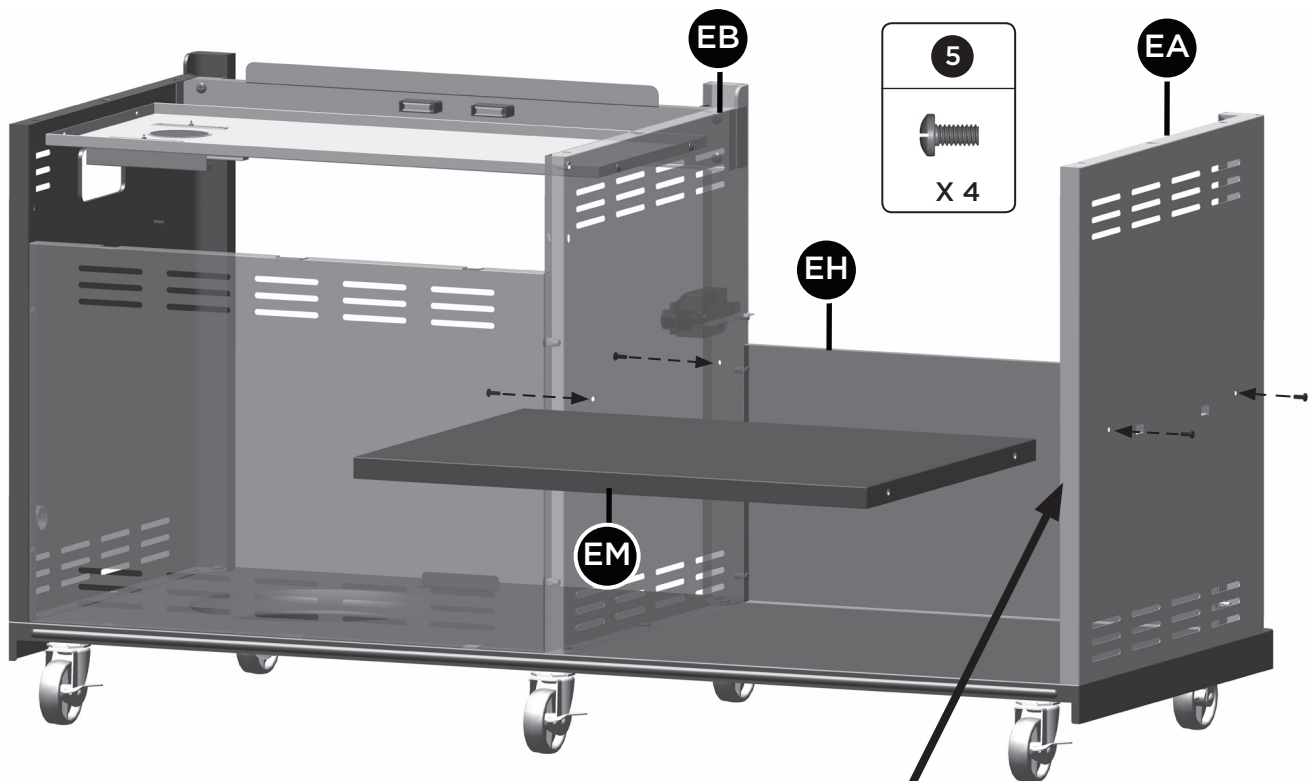
ASSEMBLY INSTRUCTIONS

7



ASSEMBLY INSTRUCTIONS

8

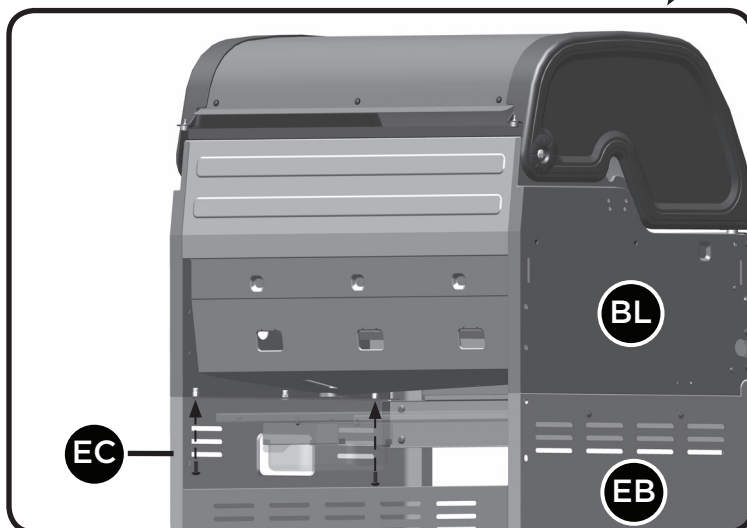
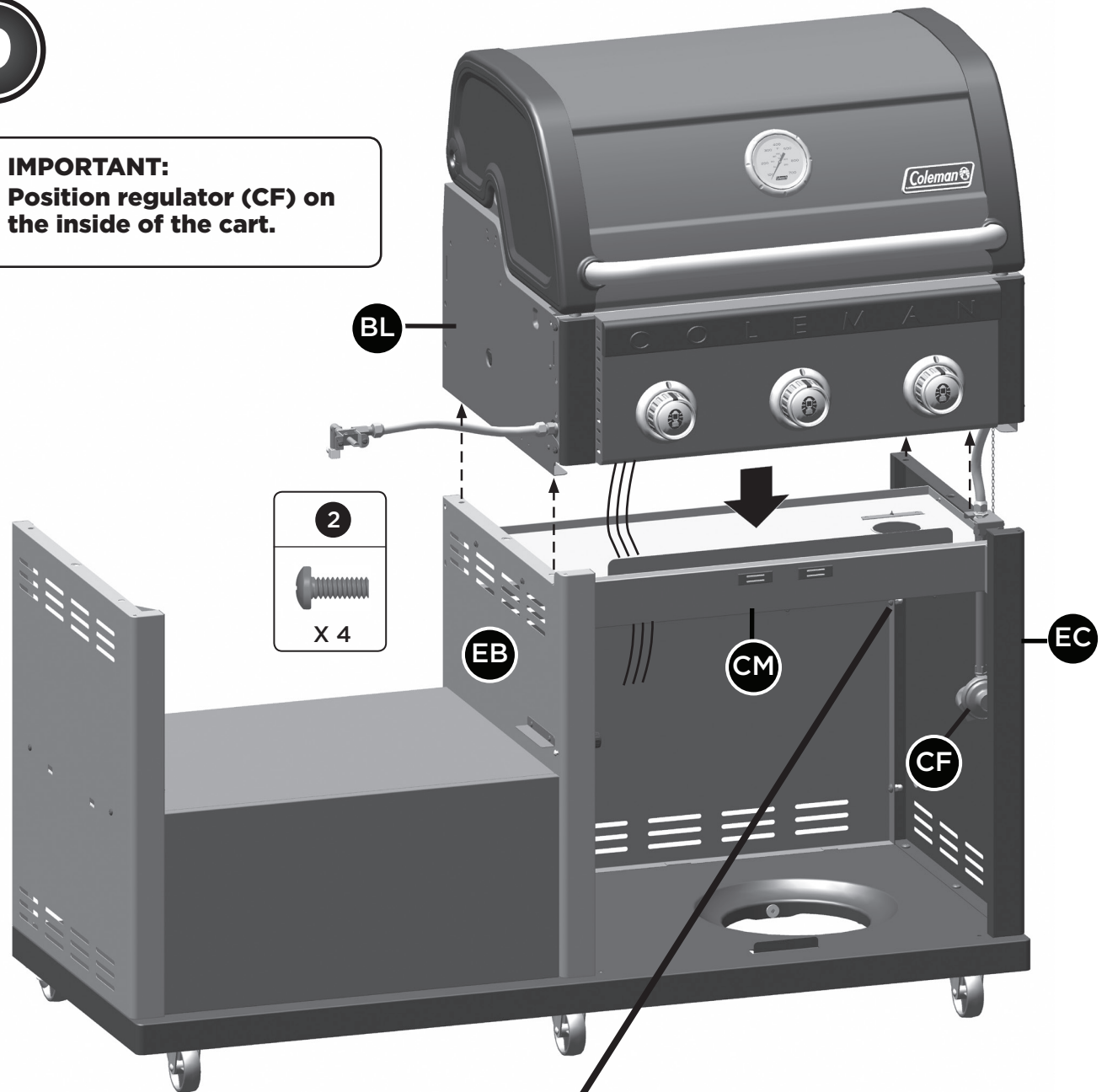


View from underneath interior cart divider (EM)

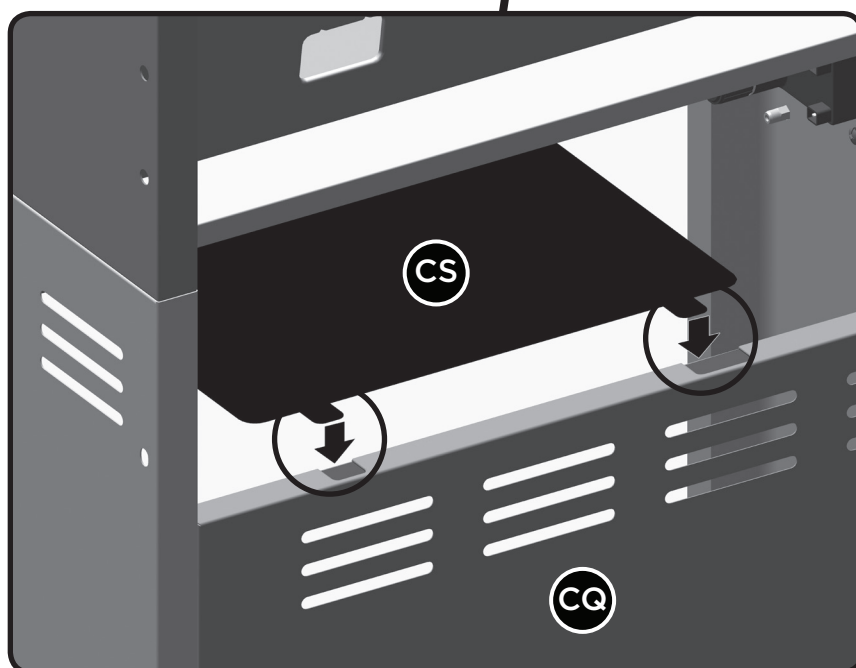
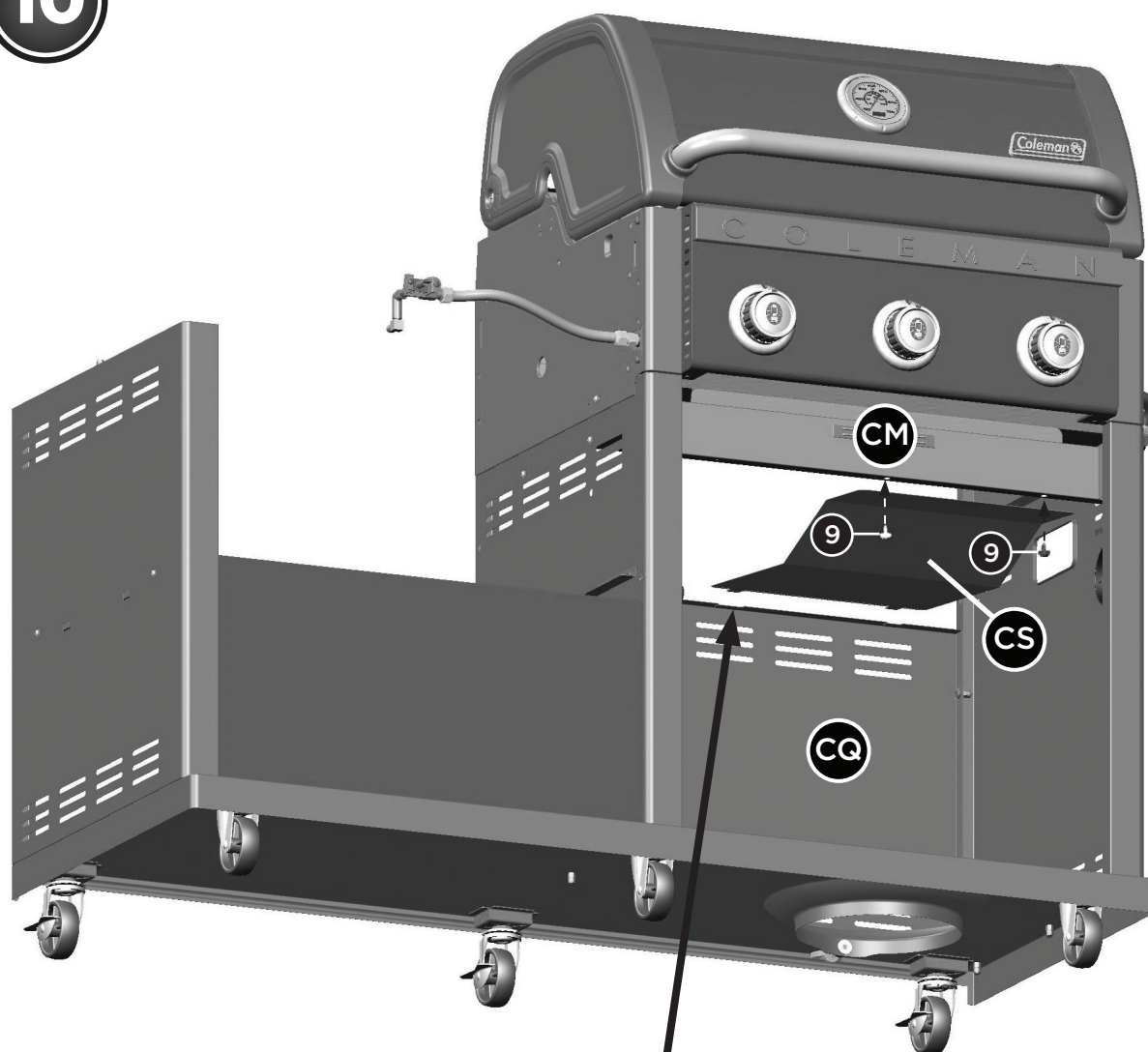
ASSEMBLY INSTRUCTIONS

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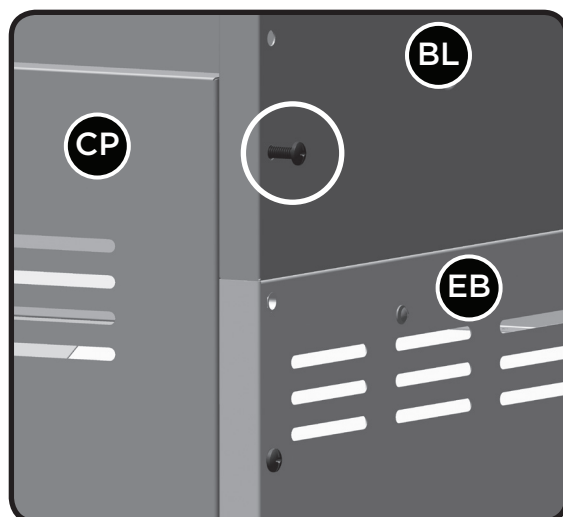
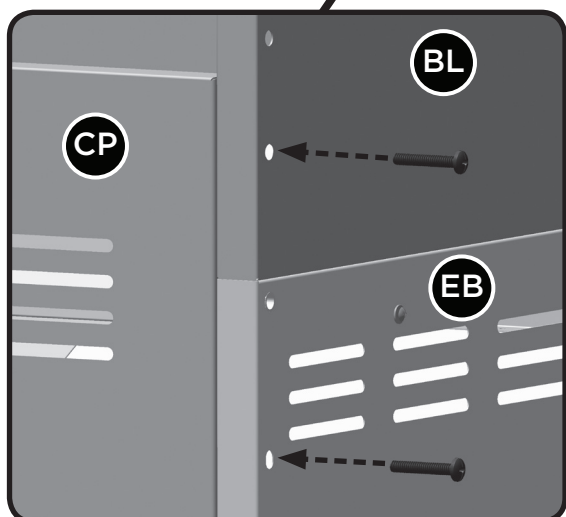
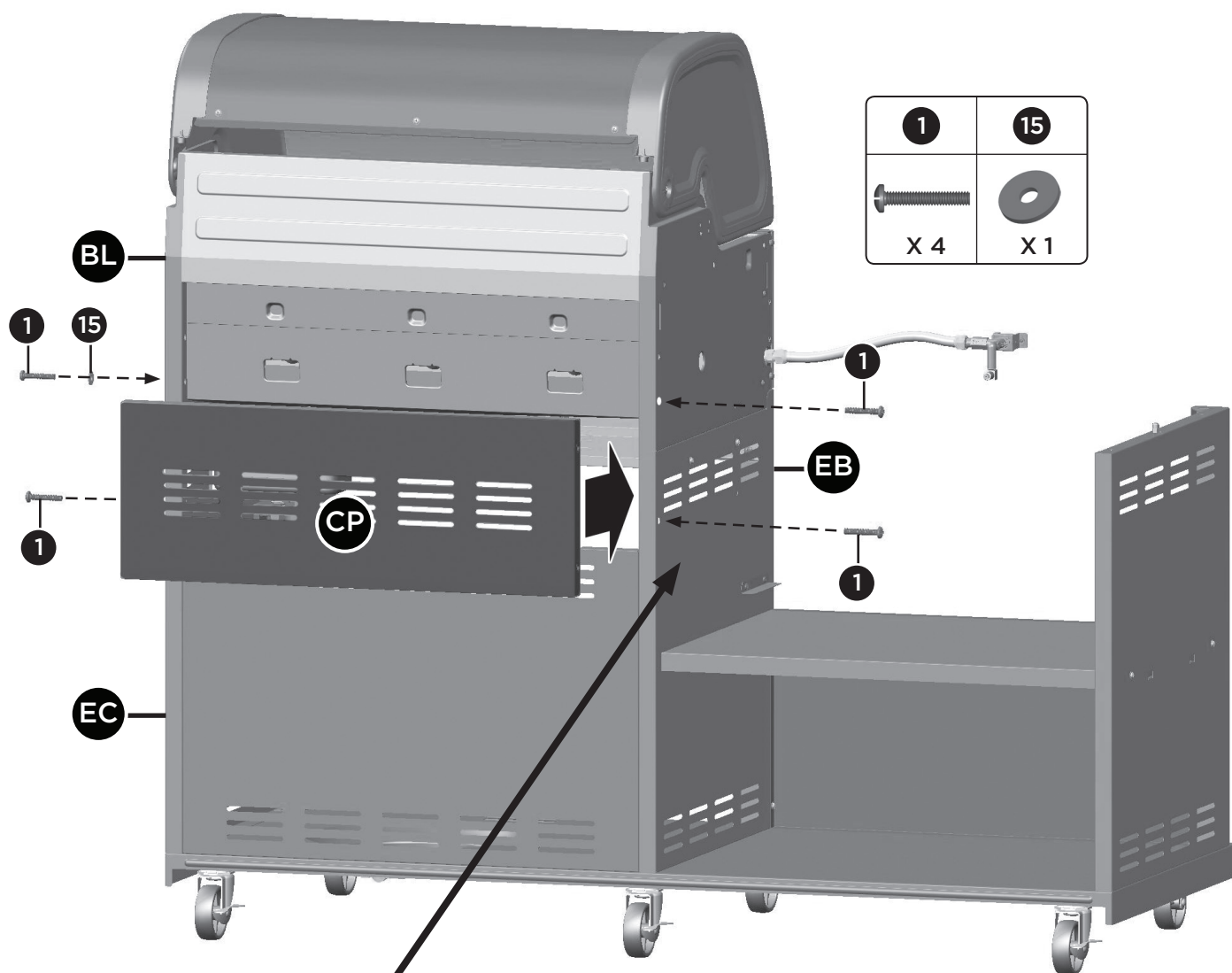
⚠ IMPORTANT:
Position regulator (CF) on
the inside of the cart.



10



11

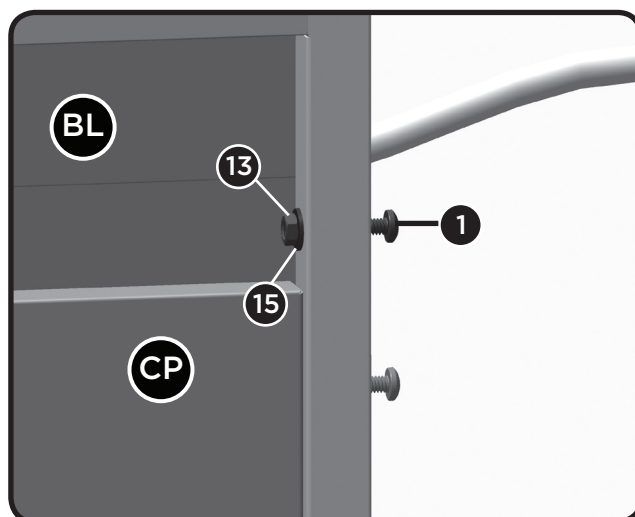
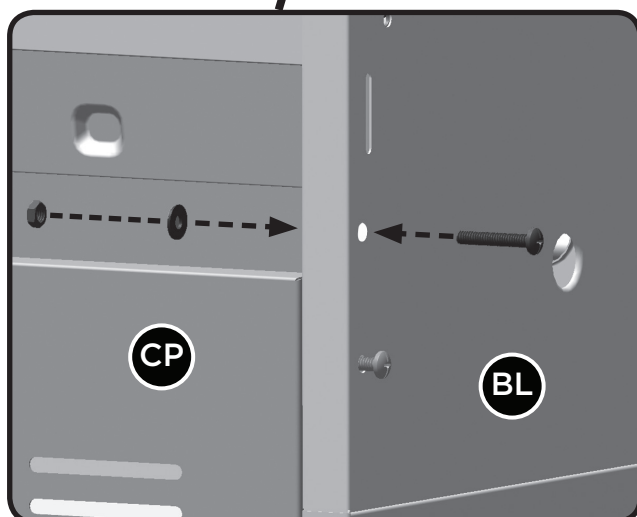
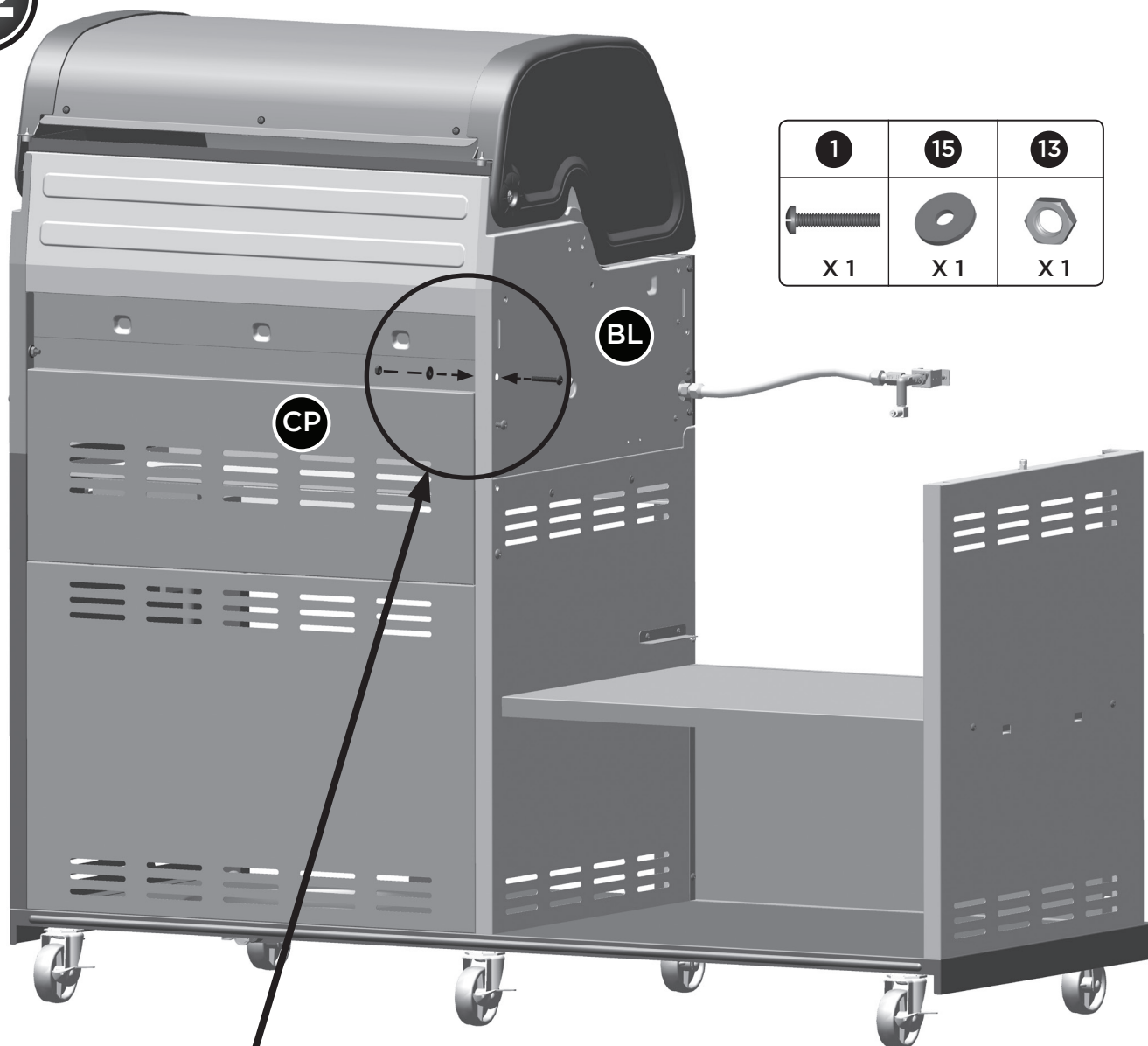


Anchor screw: Only tighten screw halfway, as shown.

ASSEMBLY INSTRUCTIONS

12

A.



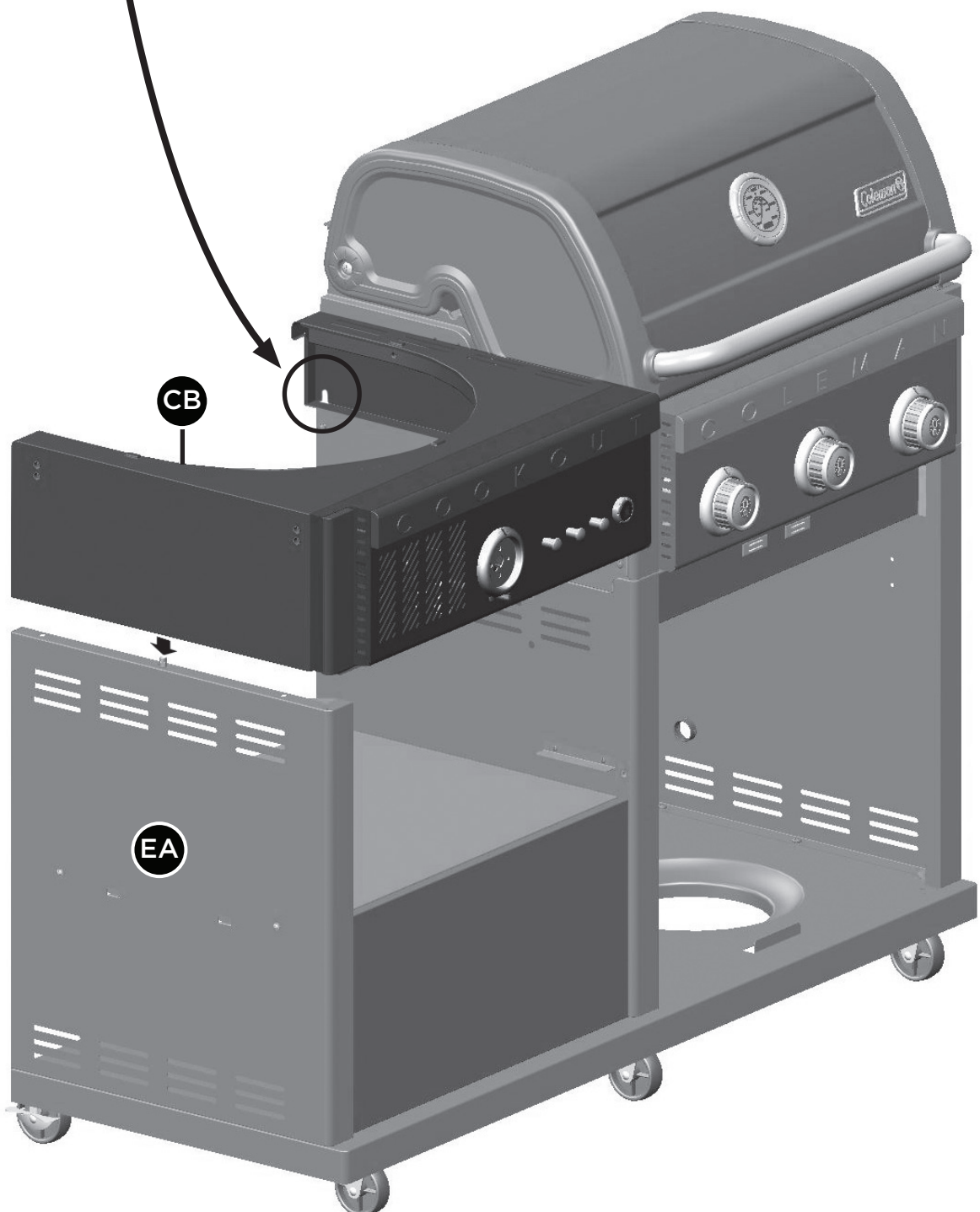
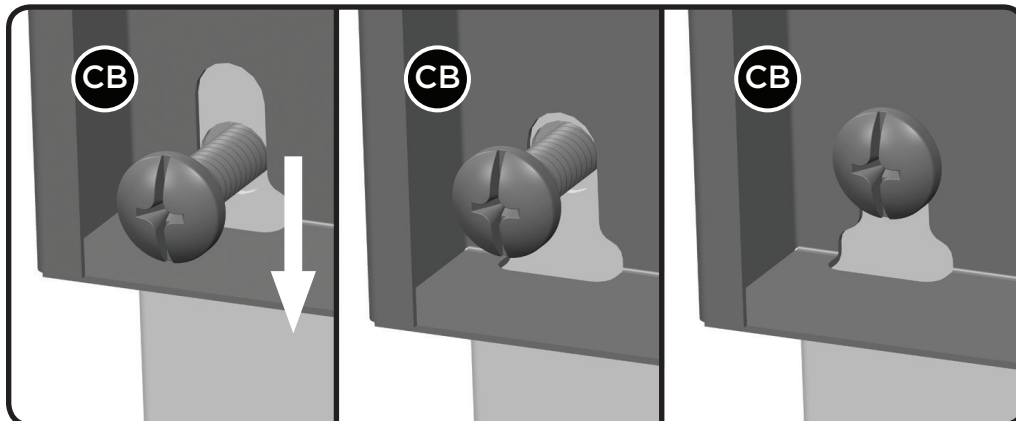
Anchor screw: Only tighten screw halfway, as shown.

ASSEMBLY INSTRUCTIONS

12

Mount shelf and tighten anchor screw, as shown.



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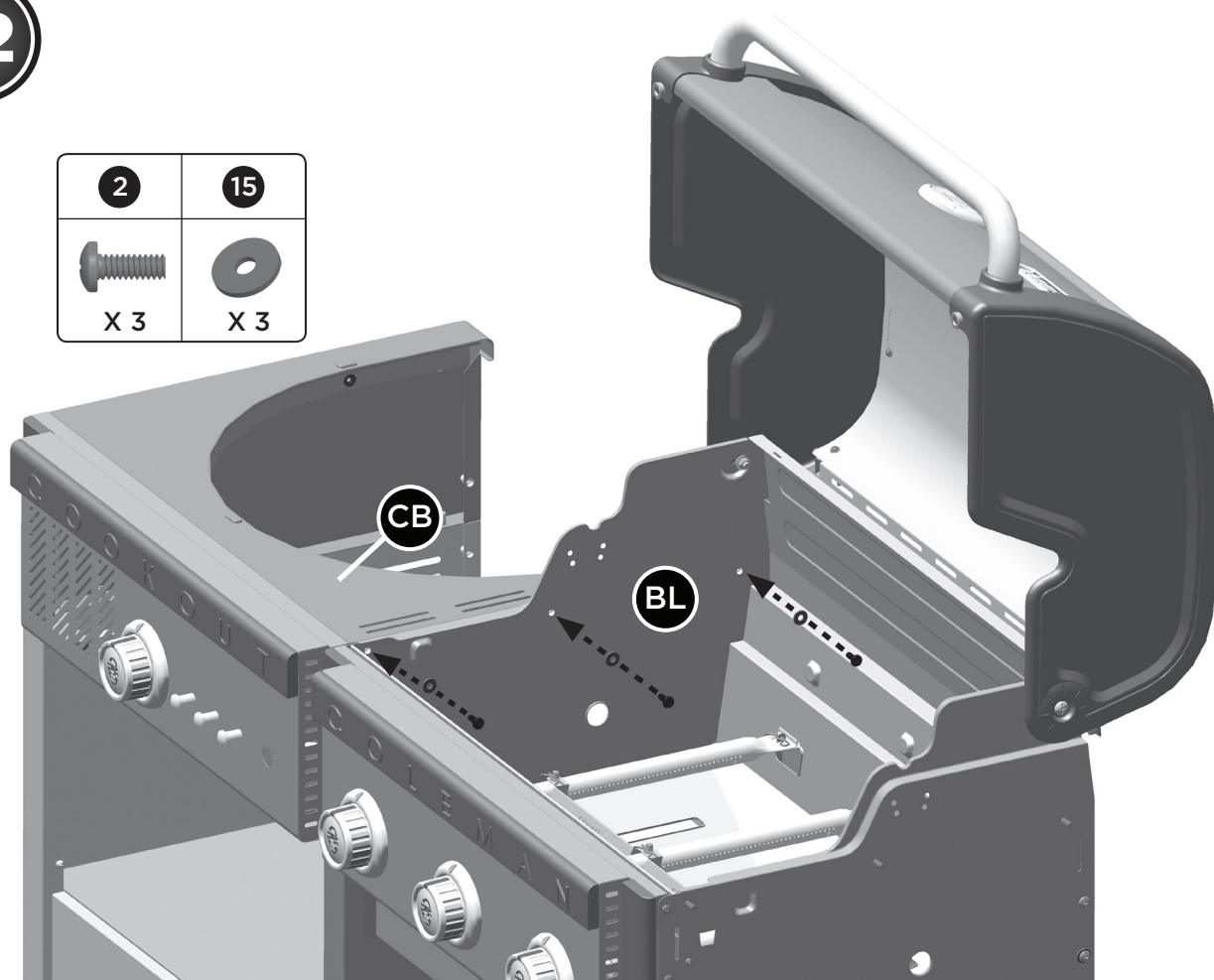


ASSEMBLY INSTRUCTIONS


12

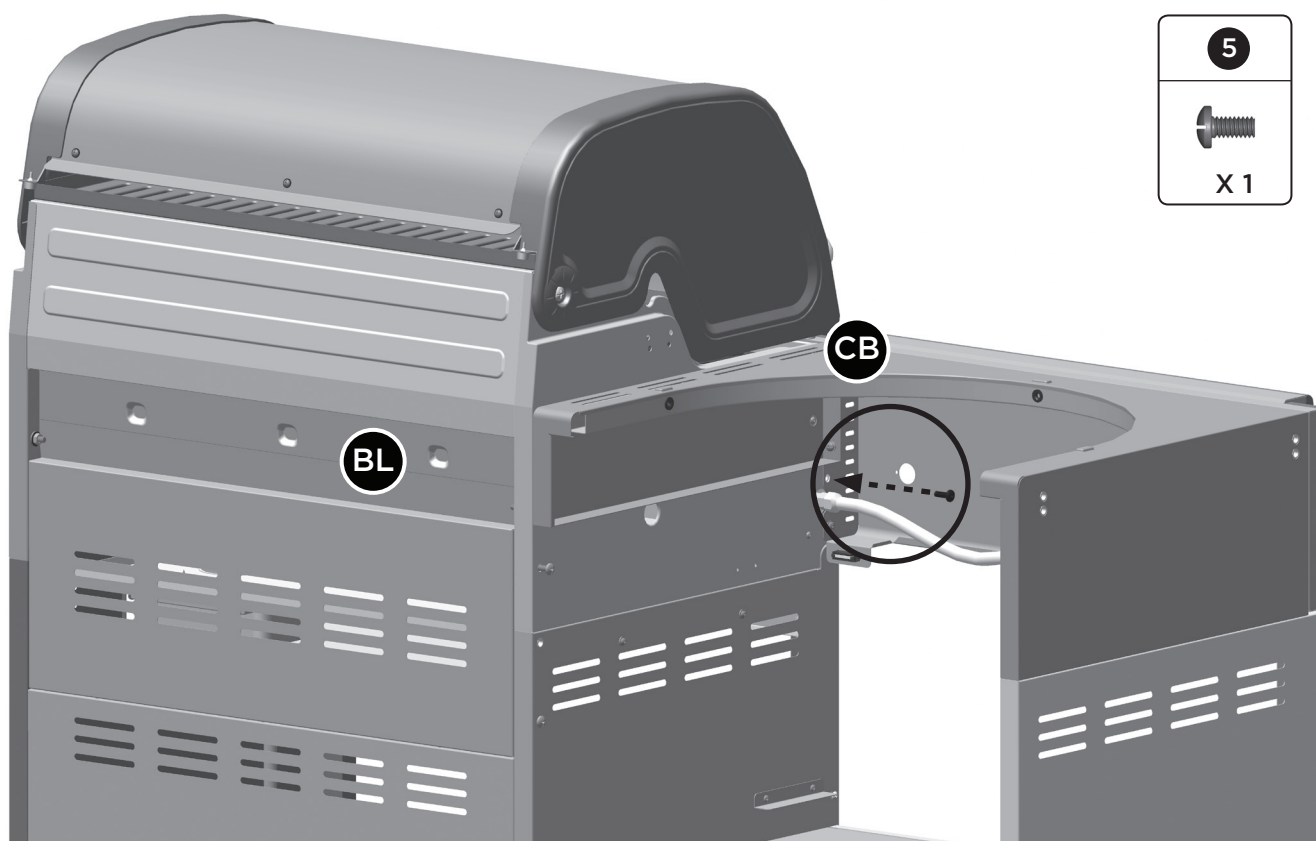
C.

2	15
	
X 3	X 3



D.

5

X 1

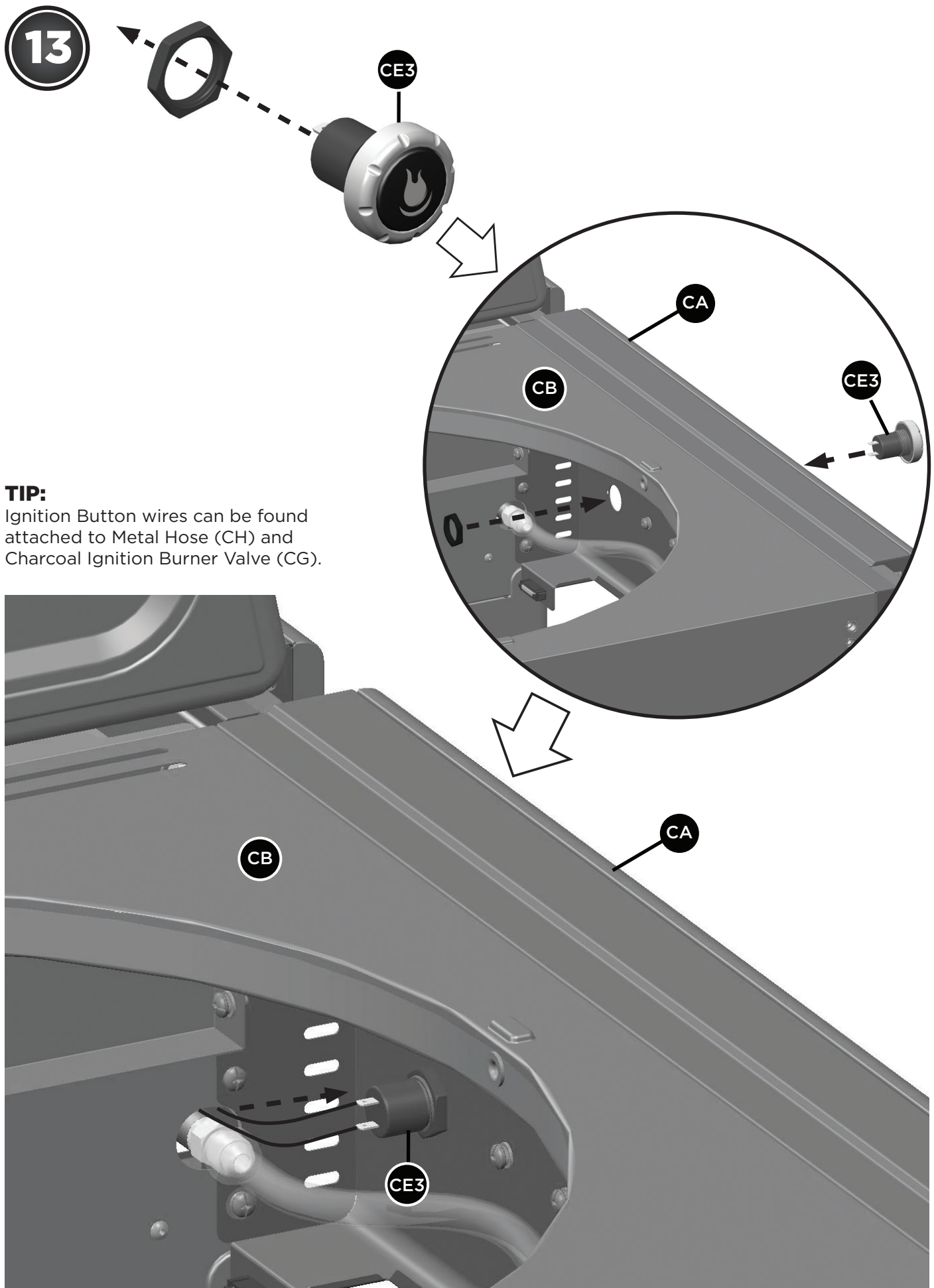


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E.

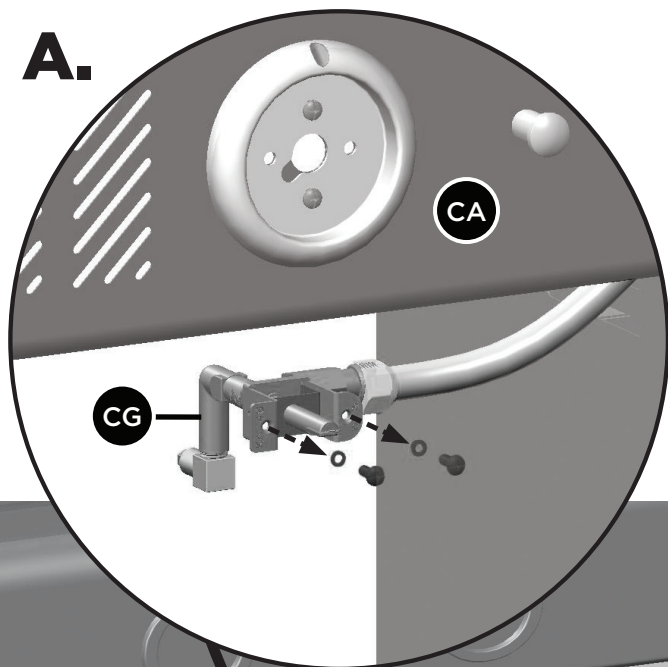


ASSEMBLY INSTRUCTIONS



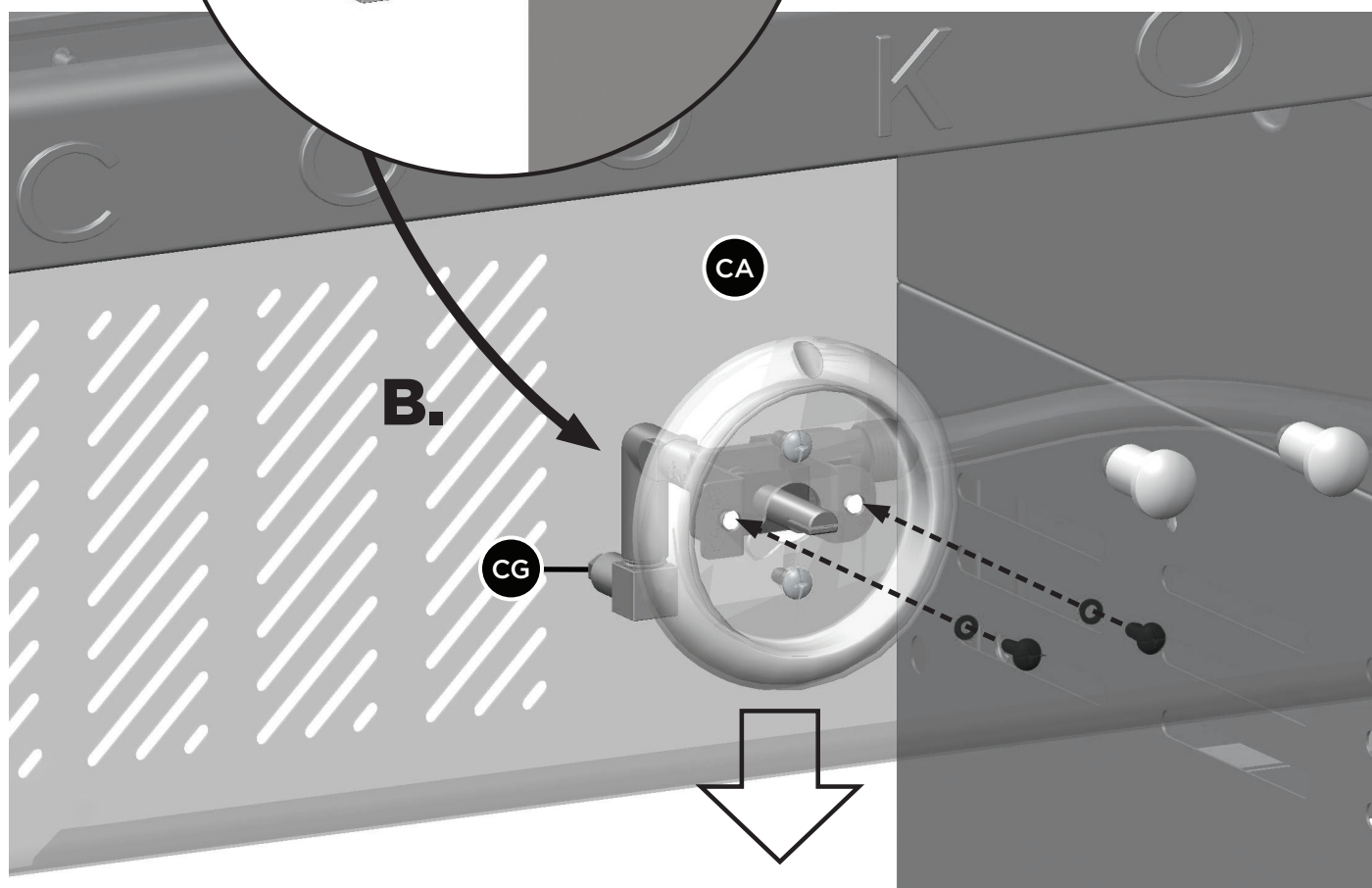
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A.

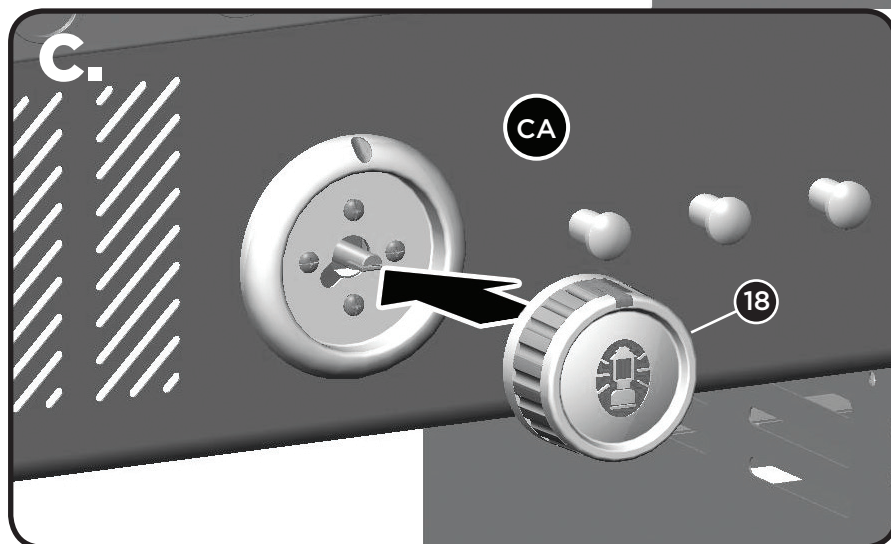


Remove the hardware that is pre-assembled to the charcoal ignition burner valve (CG), and use it to assemble the valve (CG) to the charcoal control panel (CA).

B.



C.

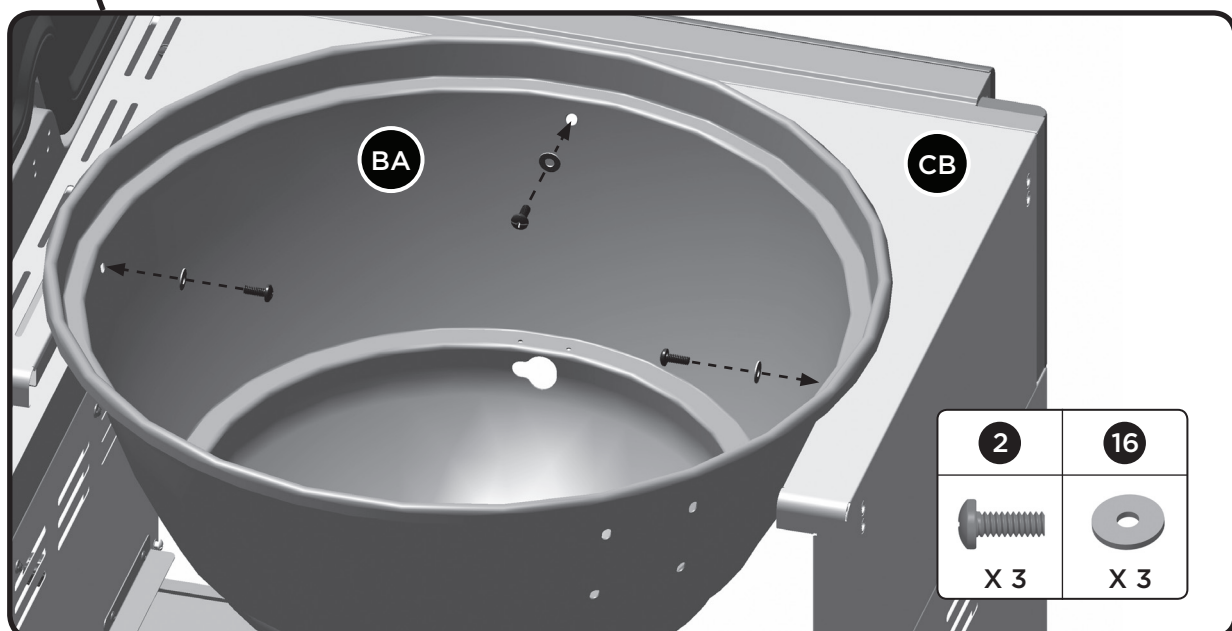


18






X 1

15

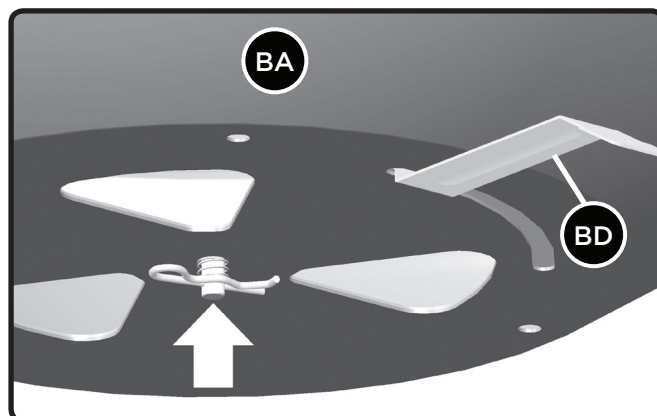
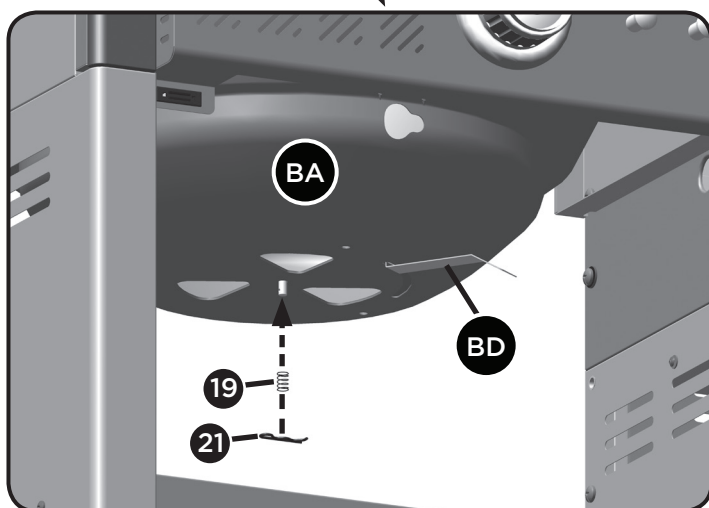
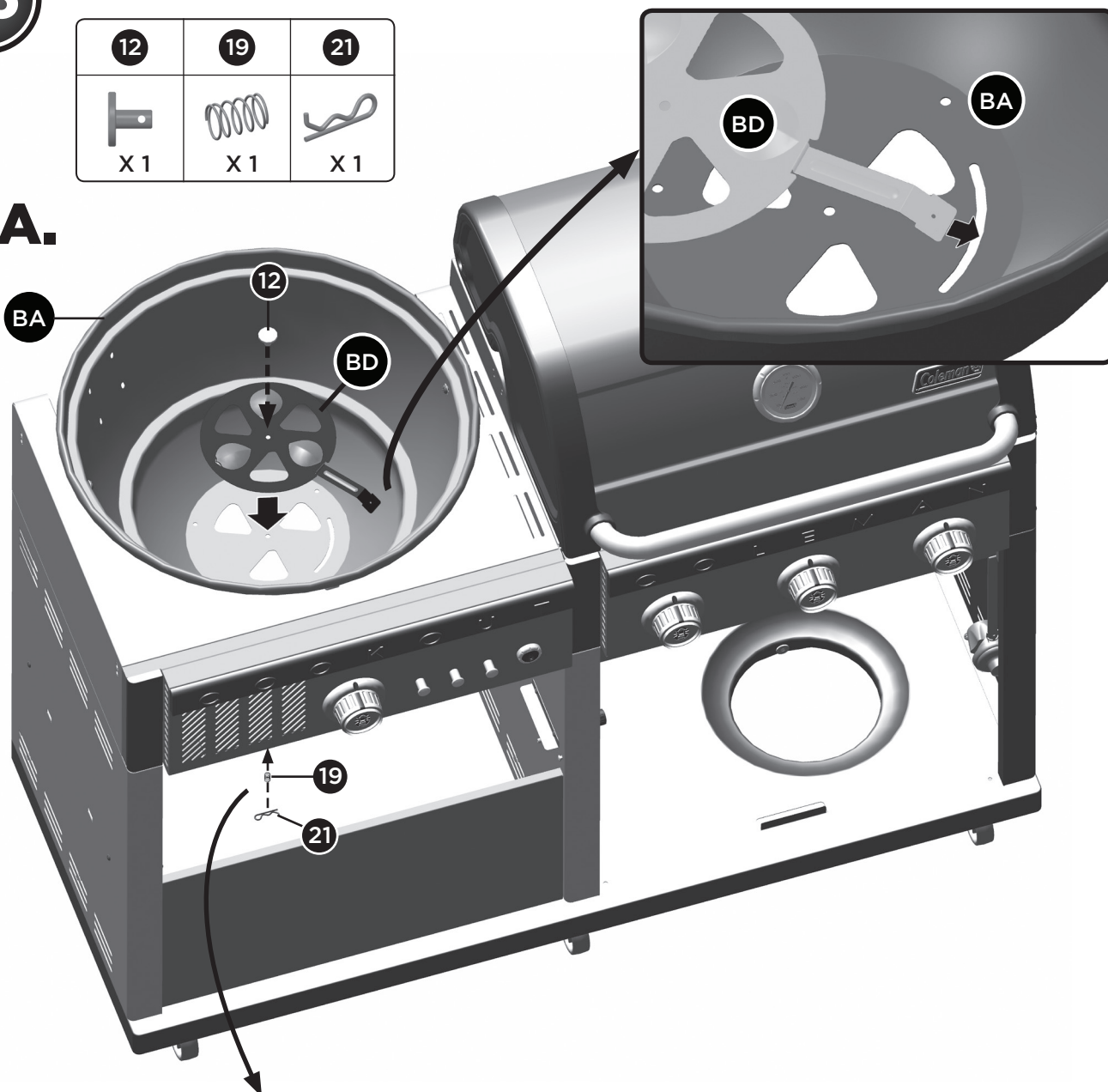


ASSEMBLY INSTRUCTIONS

16

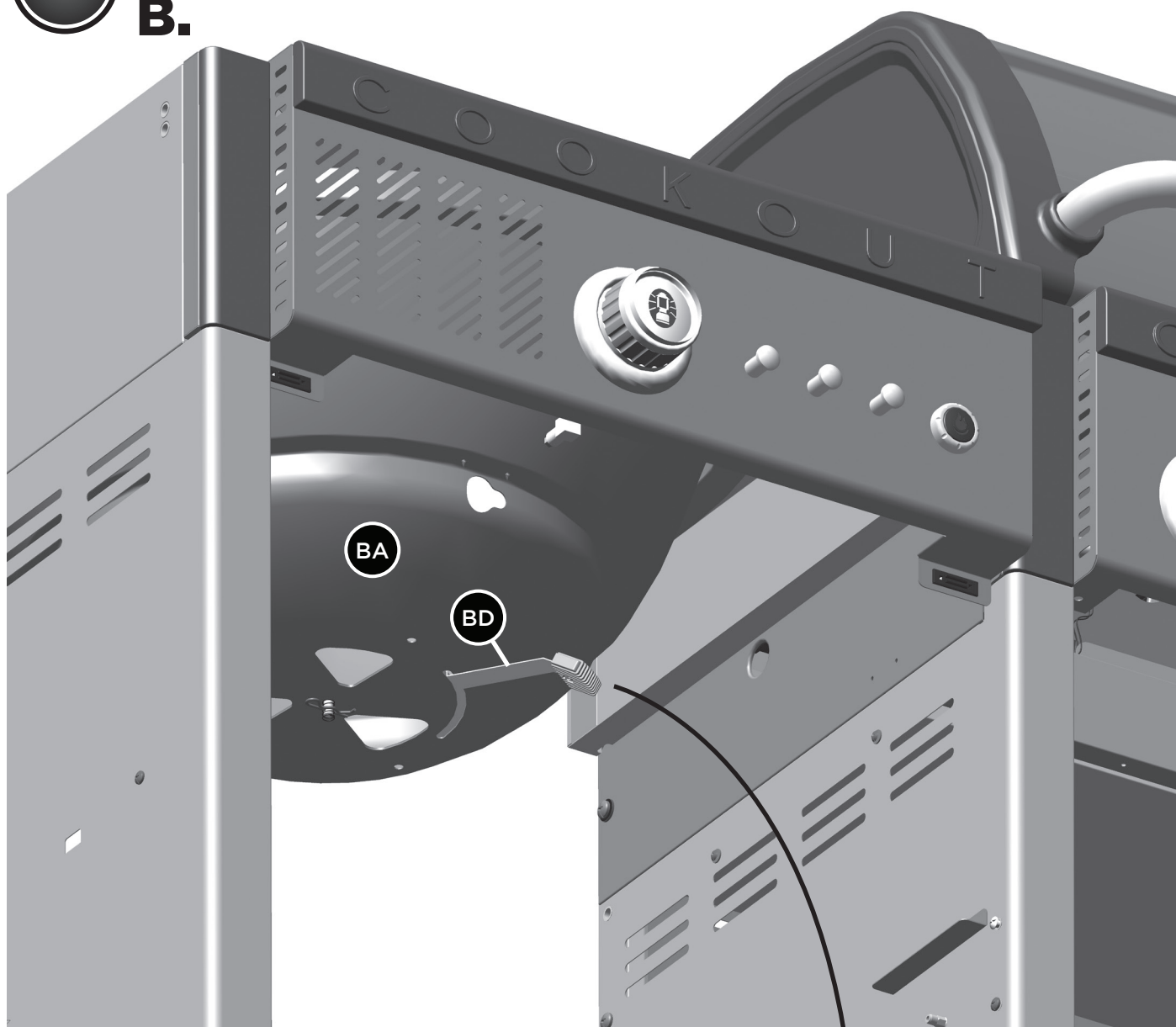
12	19	21
		
X 1	X 1	X 1



A.

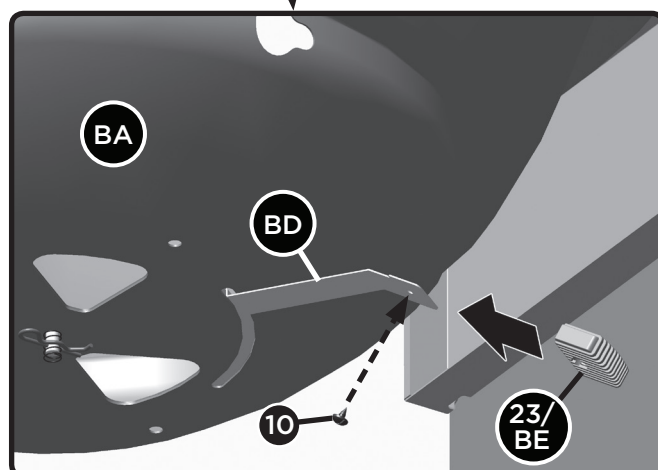


16

B.





10	23
	
X 1	X 1



ASSEMBLY INSTRUCTIONS

17

5	16
	
X 3	X 3






18



ASSEMBLY INSTRUCTIONS

19

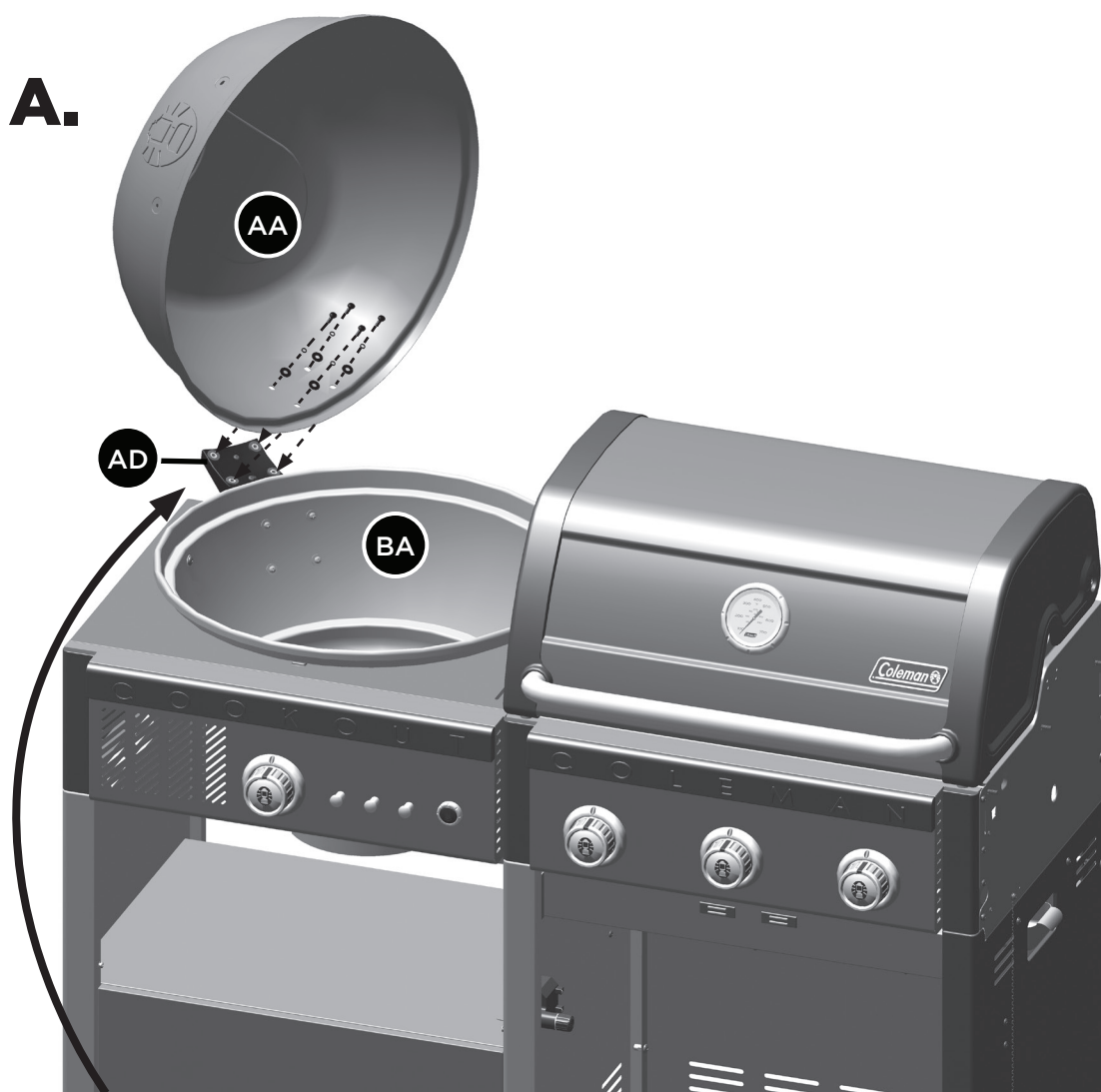
4	17	16
		
X 4	X 4	X 4






ASSEMBLY INSTRUCTIONS

20

A.

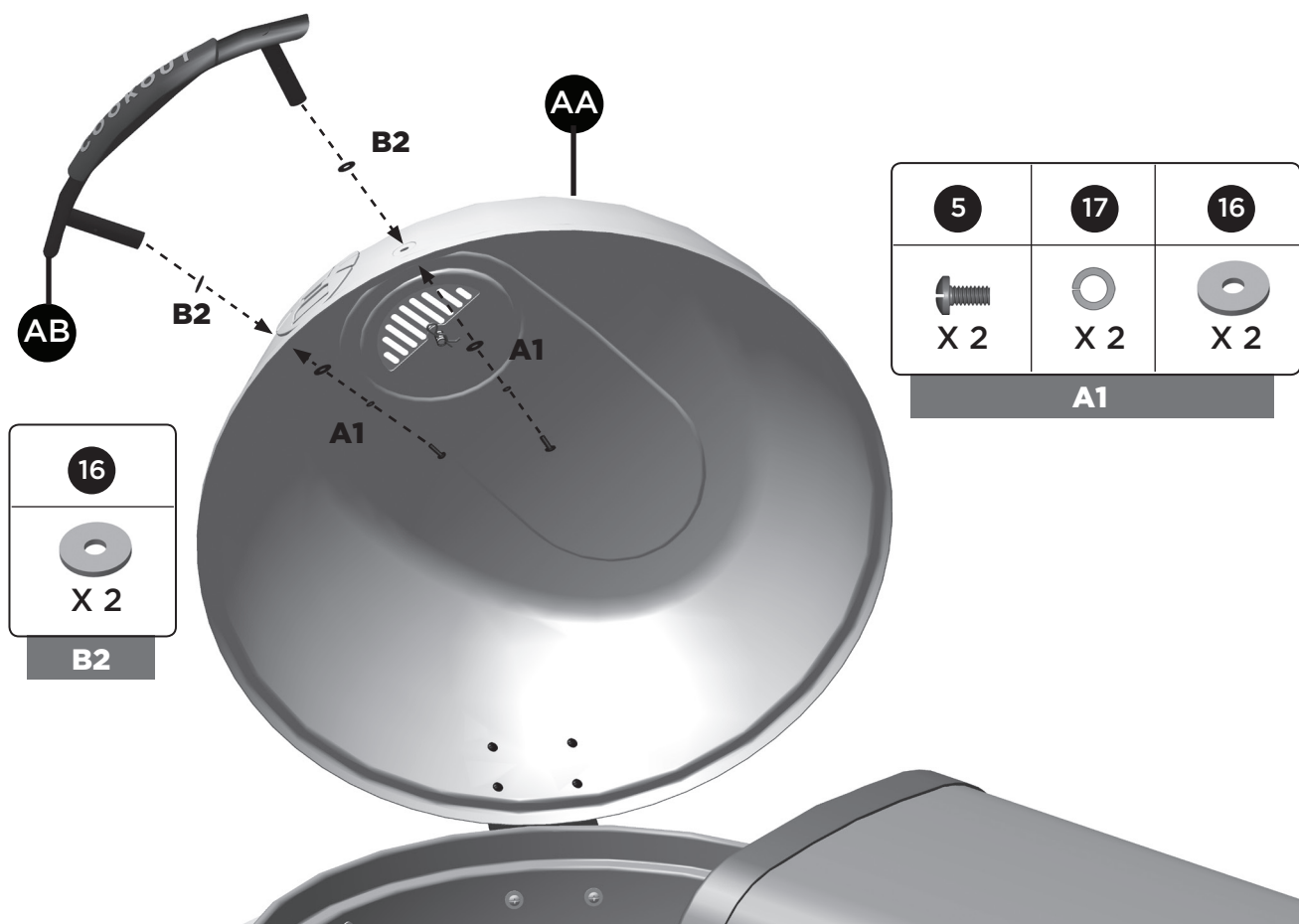
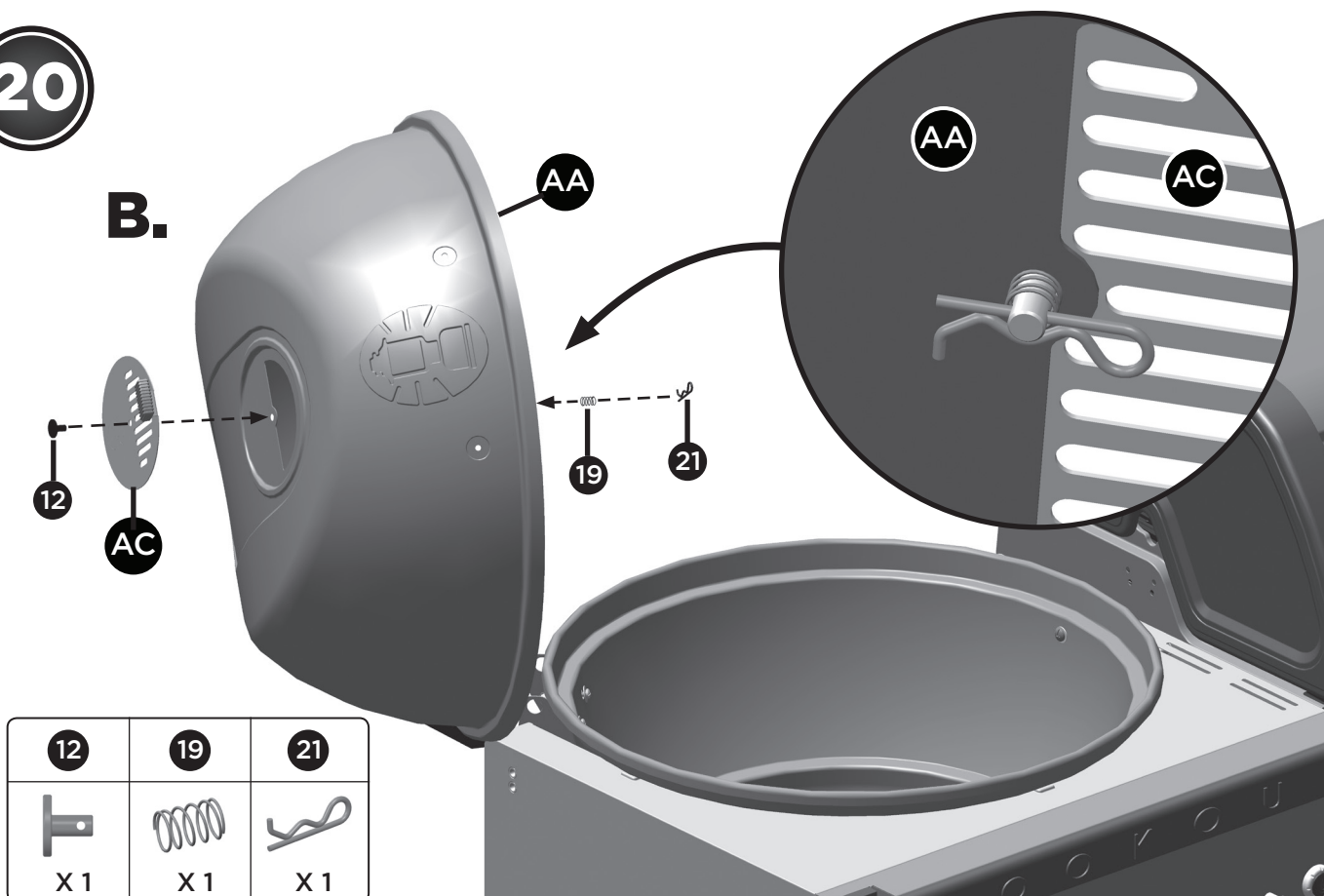


4	17	16
		
X 4	X 4	X 4

ASSEMBLY INSTRUCTIONS

20

B.

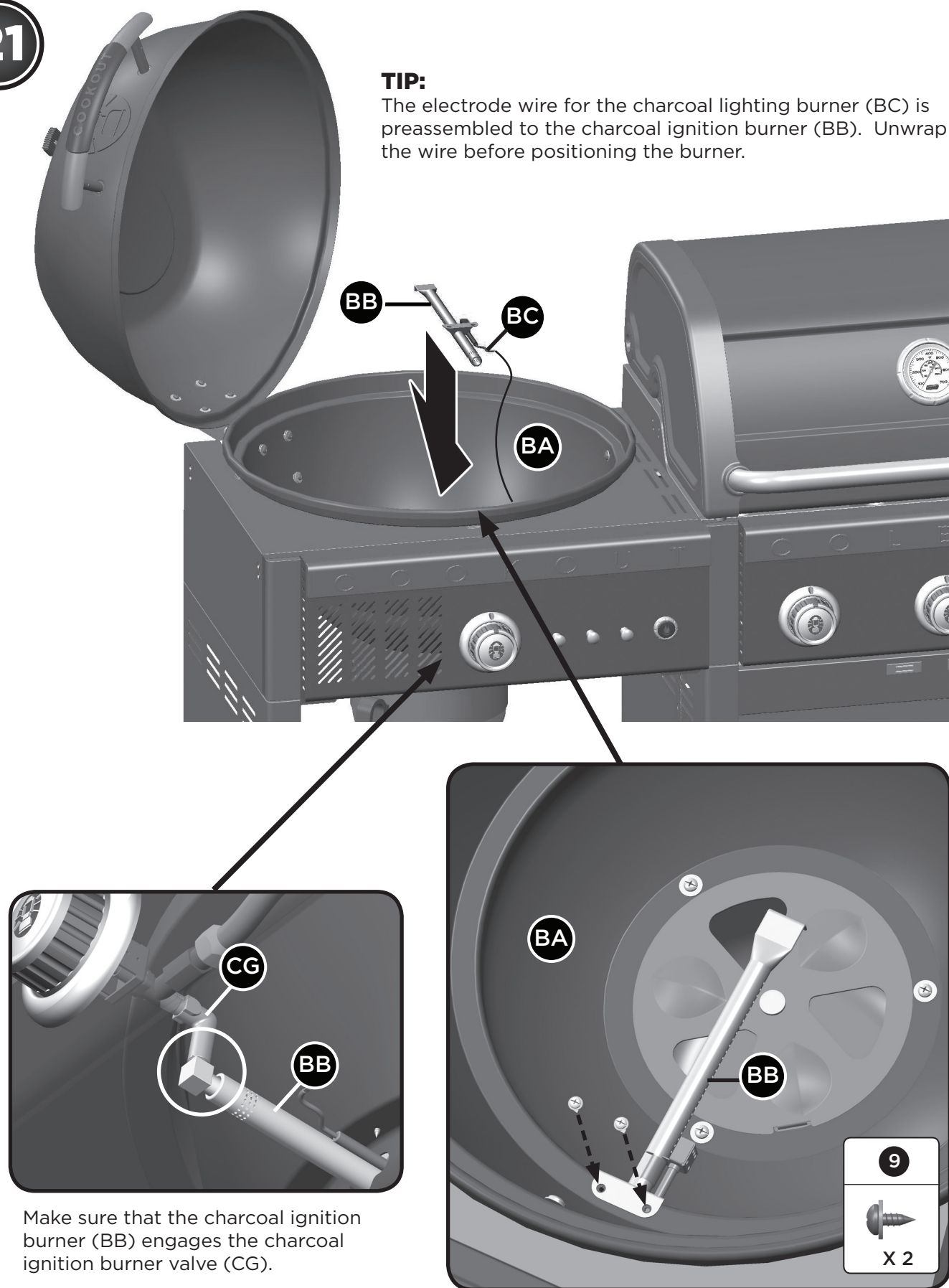


ASSEMBLY INSTRUCTIONS

21

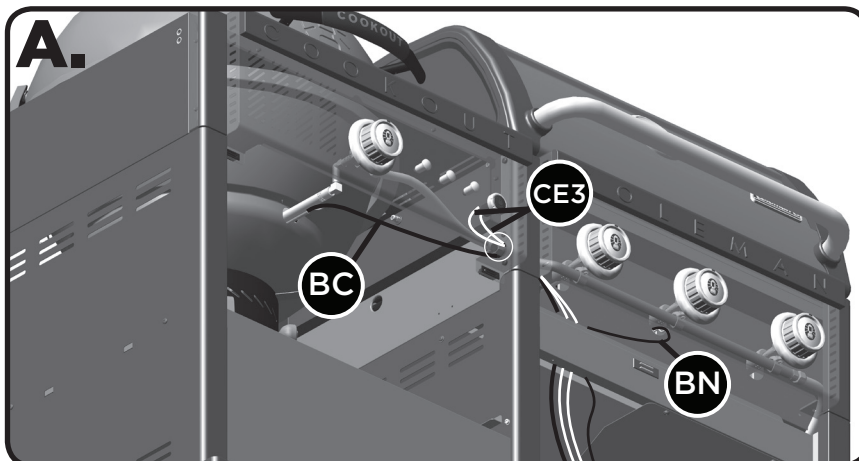
TIP:

The electrode wire for the charcoal lighting burner (BC) is preassembled to the charcoal ignition burner (BB). Unwrap the wire before positioning the burner.

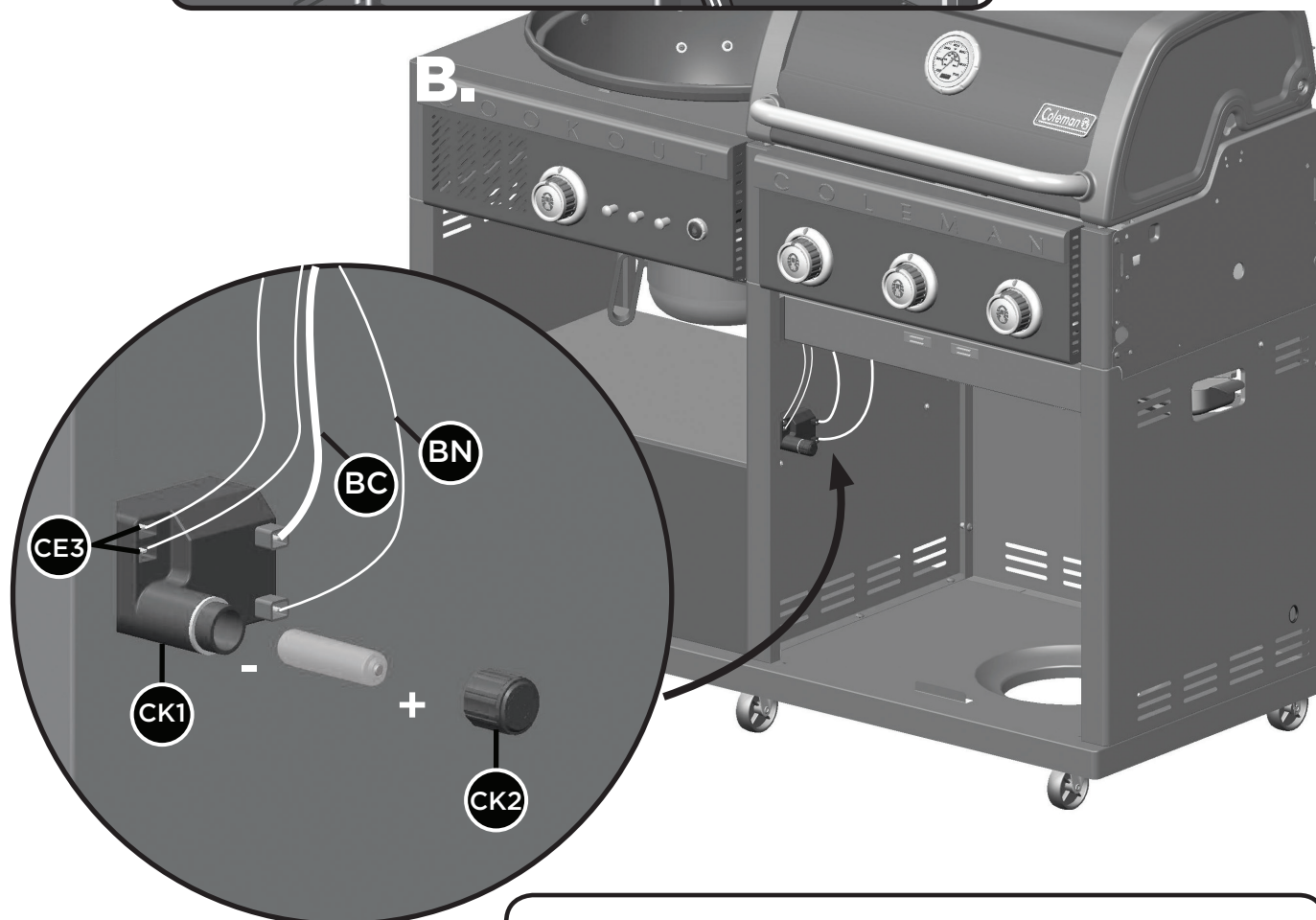


ASSEMBLY INSTRUCTIONS

22

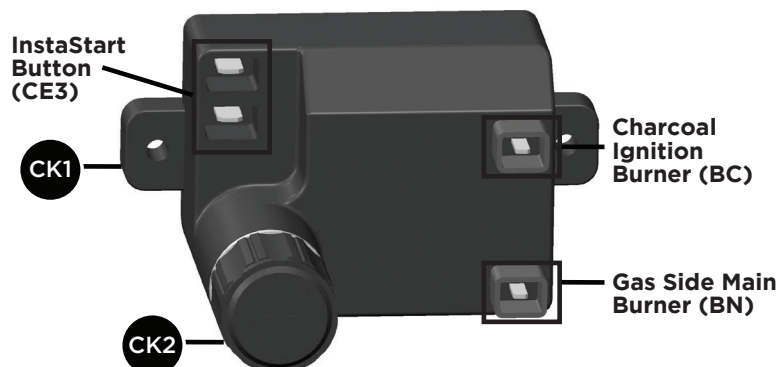


▲ IMPORTANT:
Find charcoal
ignition burner
electrode (BC)
and thread end
through the
manifold hole.



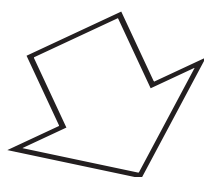
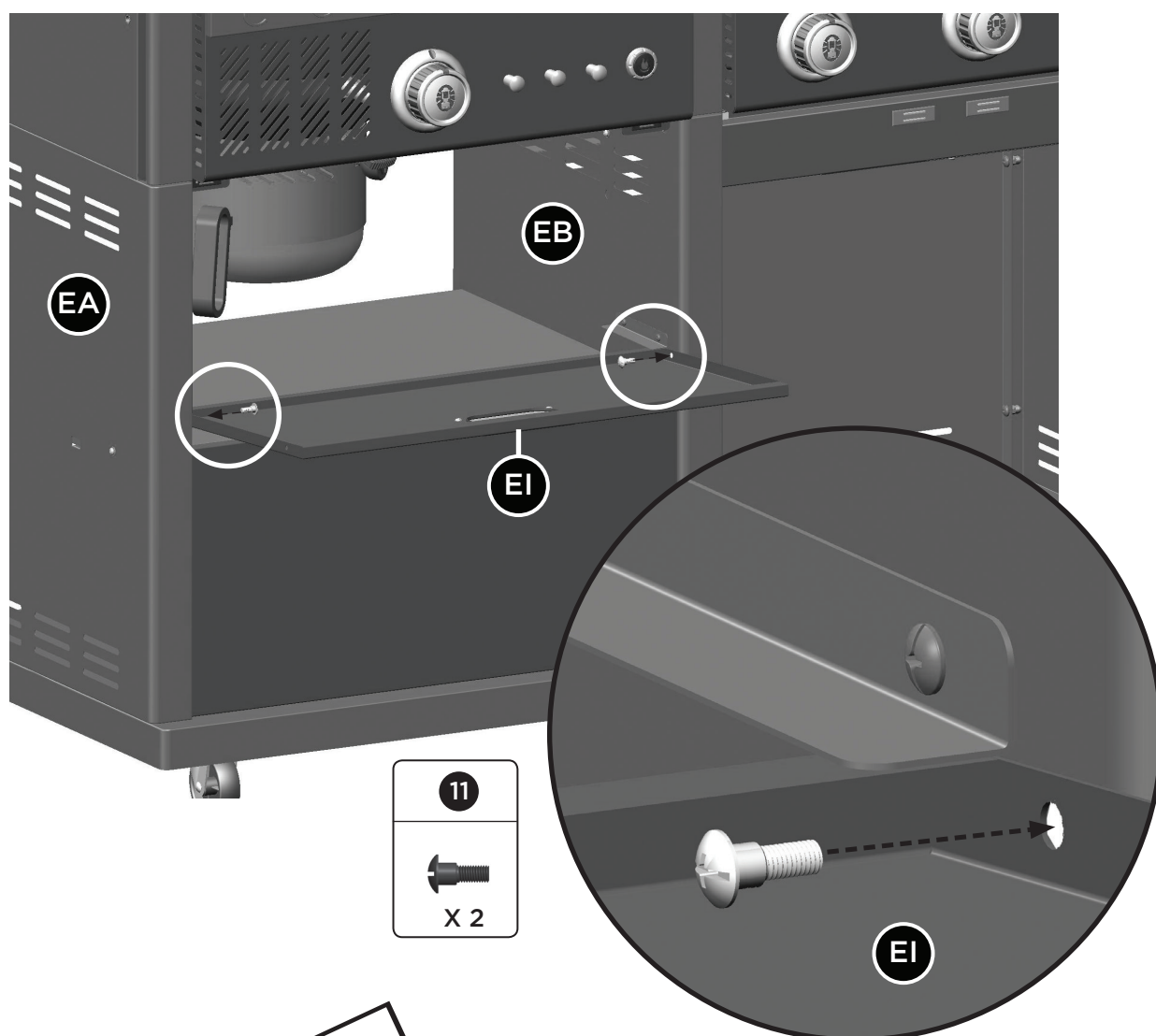
Electronic Ignition Wire Assembly

Insert the charcoal ignition burner electrode wire (BC), the main burner electrode wires (BN), and the InstaStart™ ignition button wires (CE3) into the electronic ignition assembly (CK1). Insert one "AA" battery into the compartment with the positive end facing outwards. Secure using the battery cover (CK2).



ASSEMBLY INSTRUCTIONS

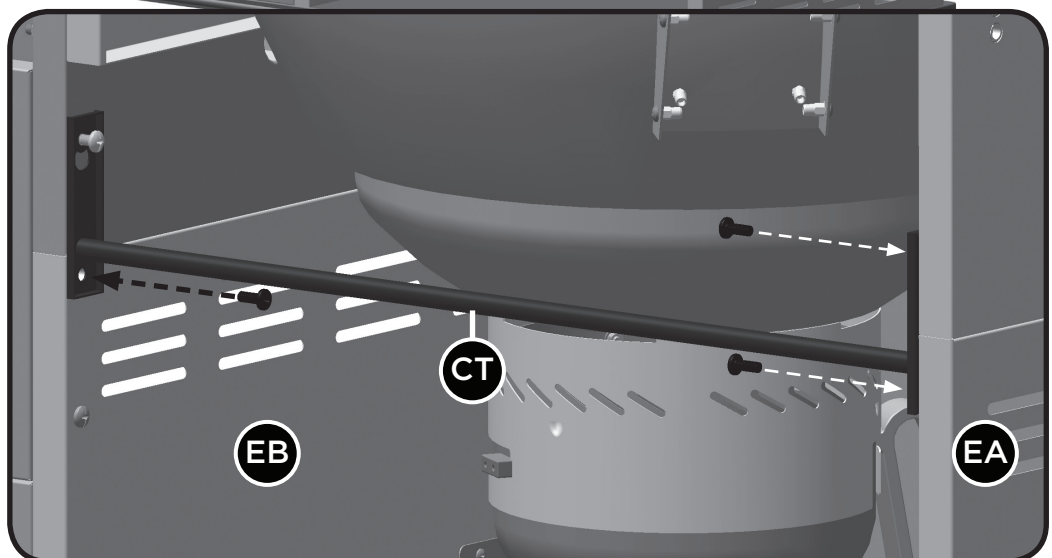
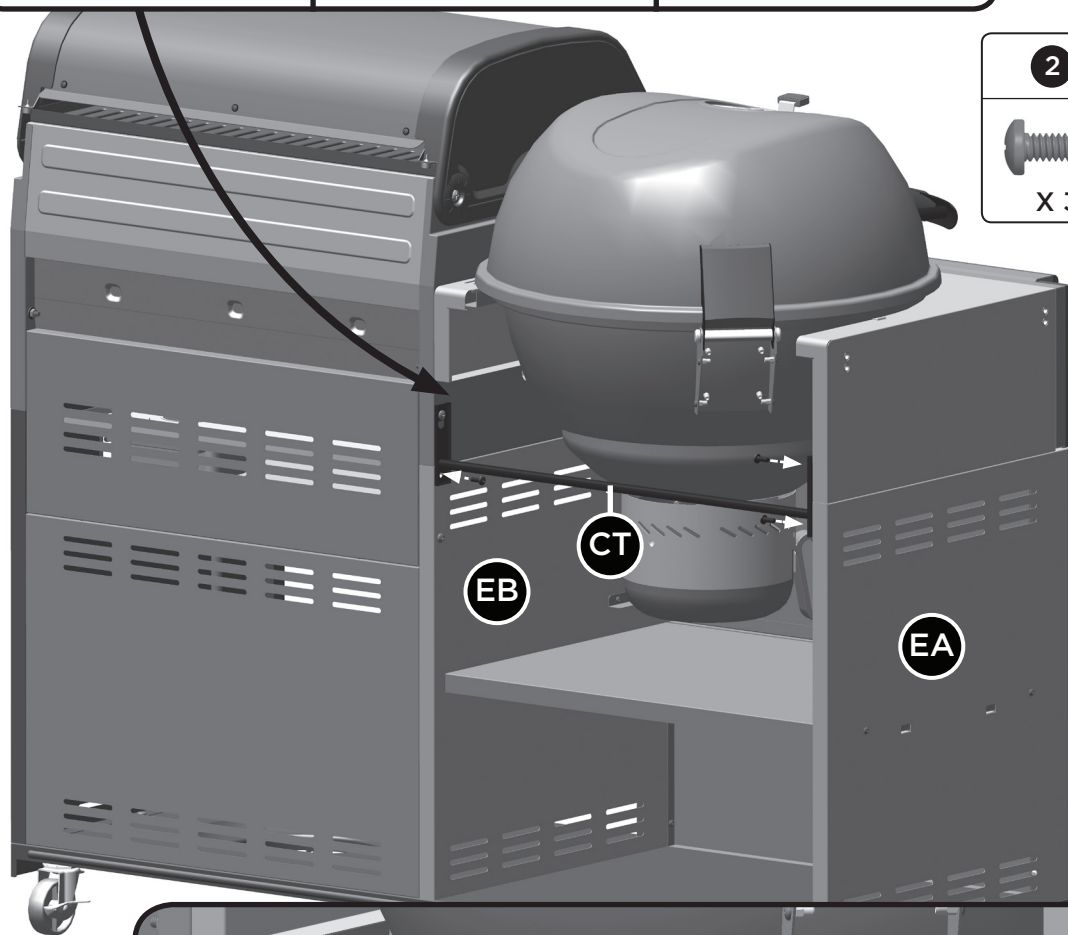
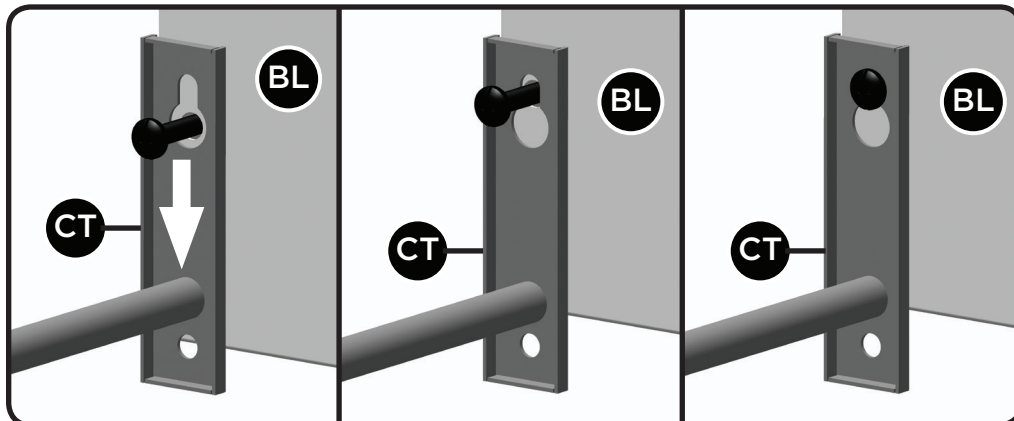
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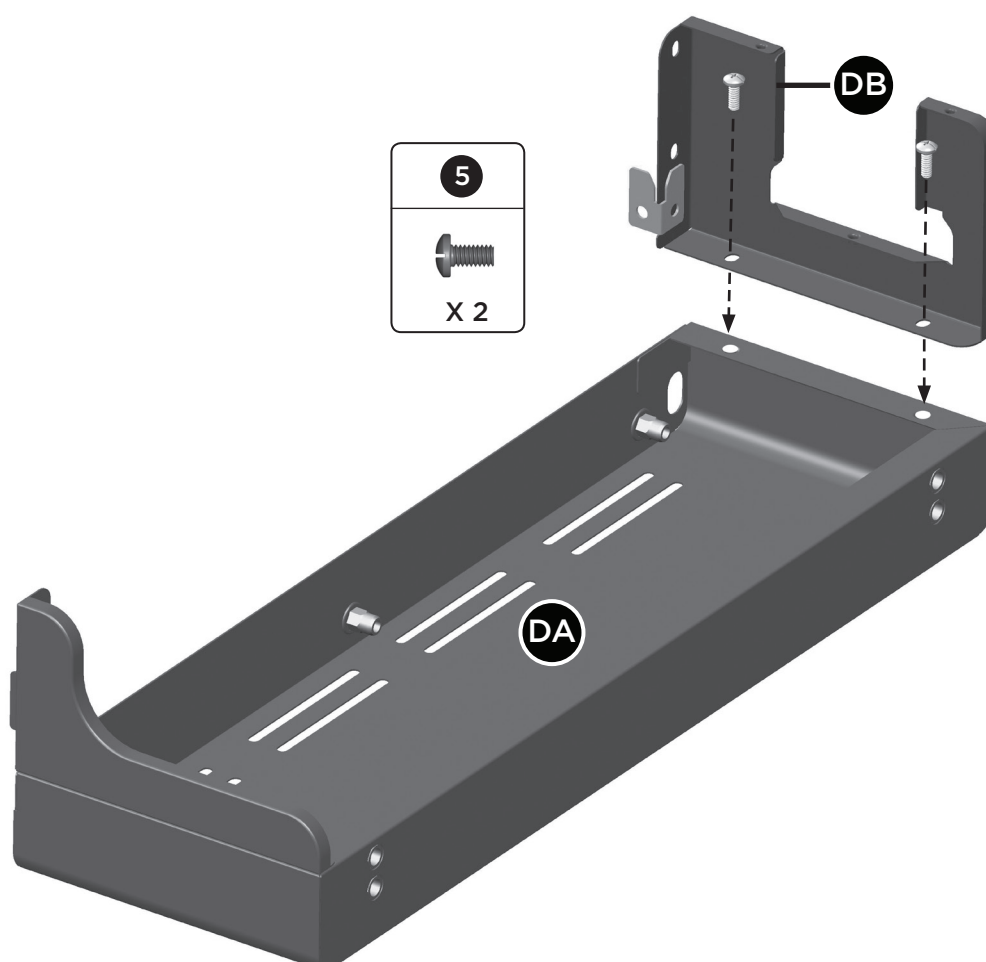
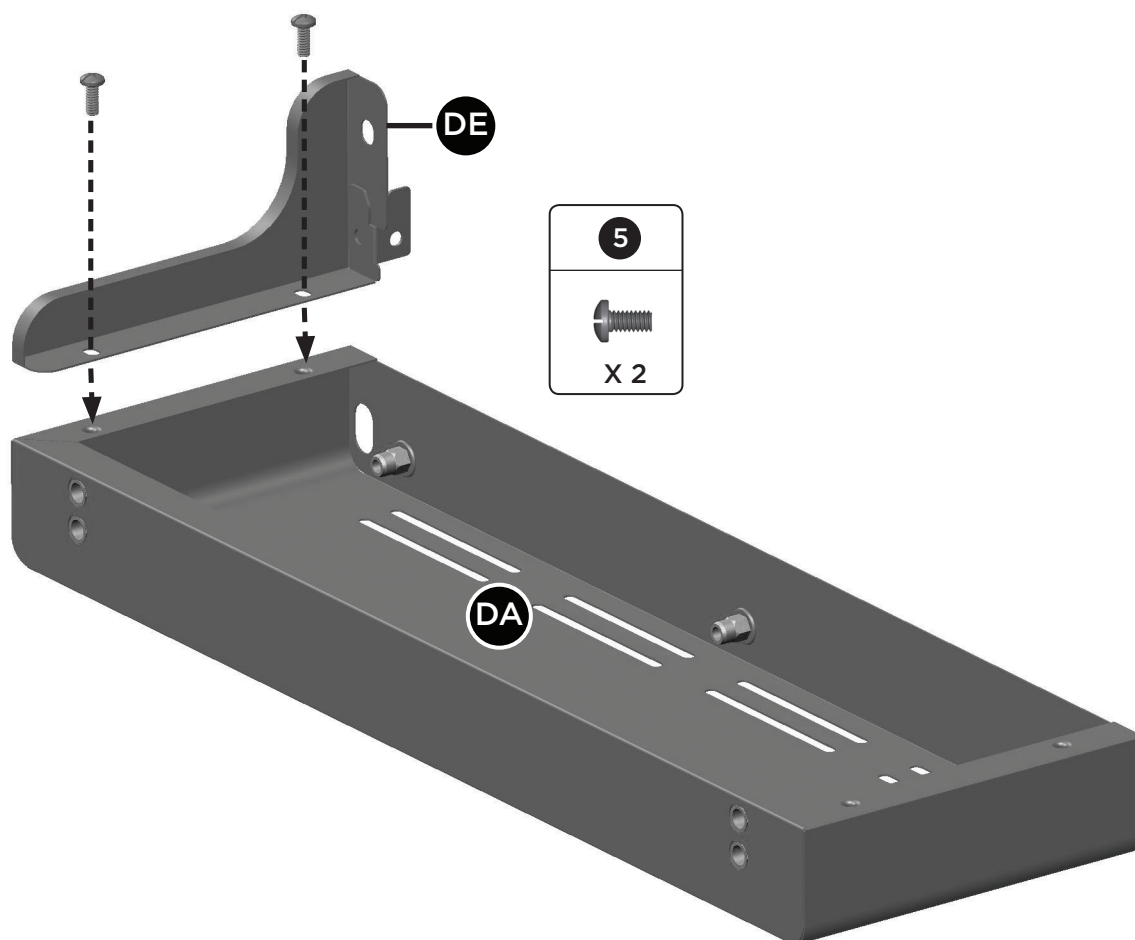
ASSEMBLY INSTRUCTIONS

24

Mount back brace and tighten anchor screw, as shown.



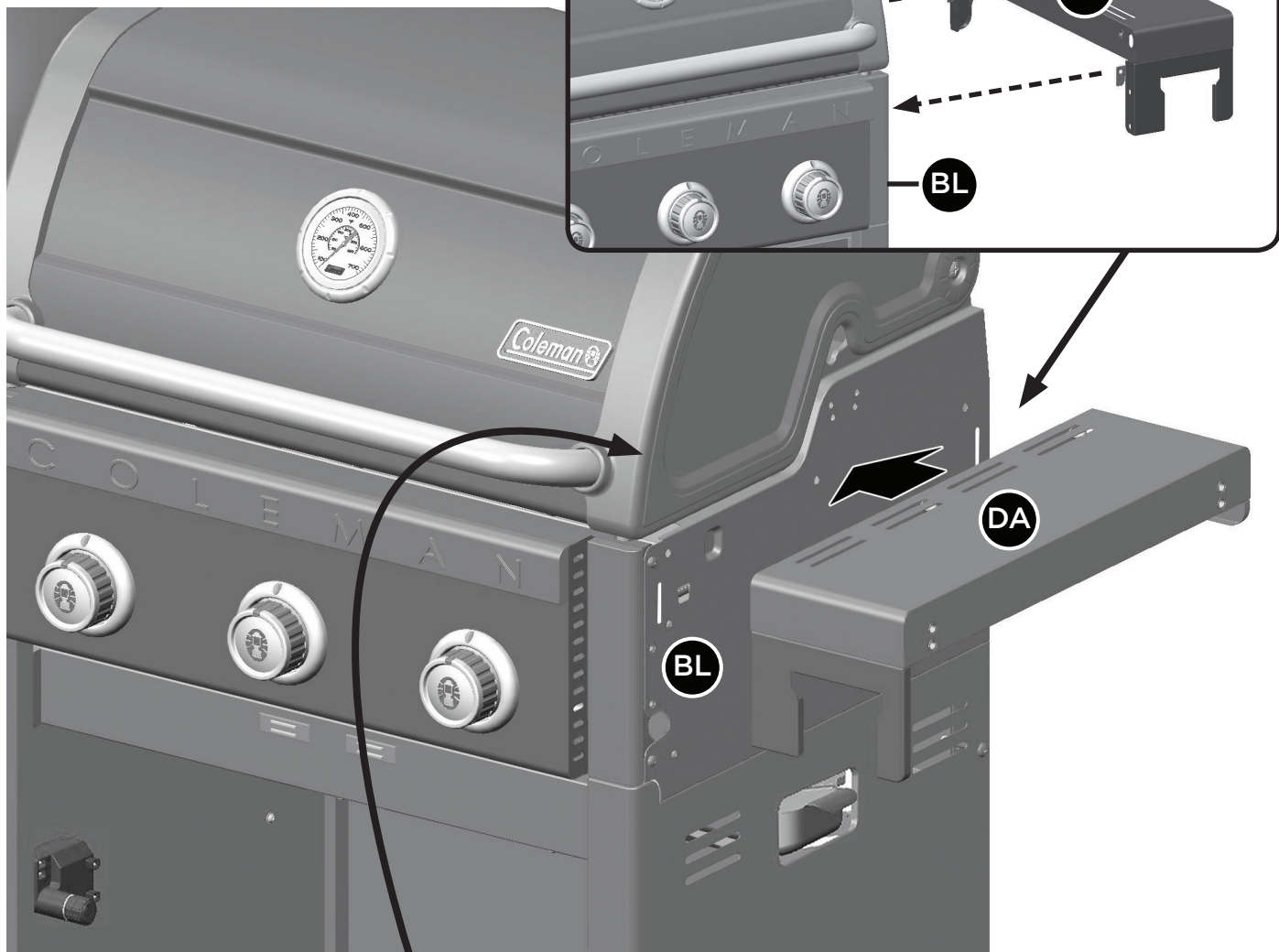
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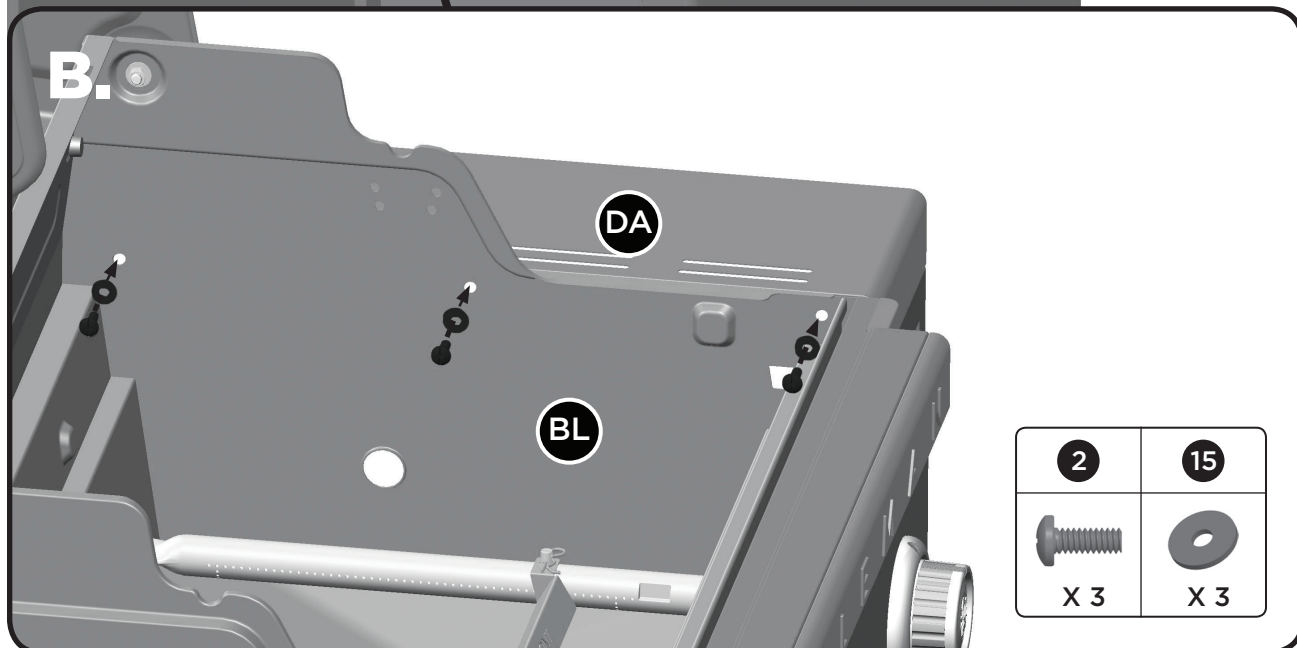
ASSEMBLY INSTRUCTIONS

26

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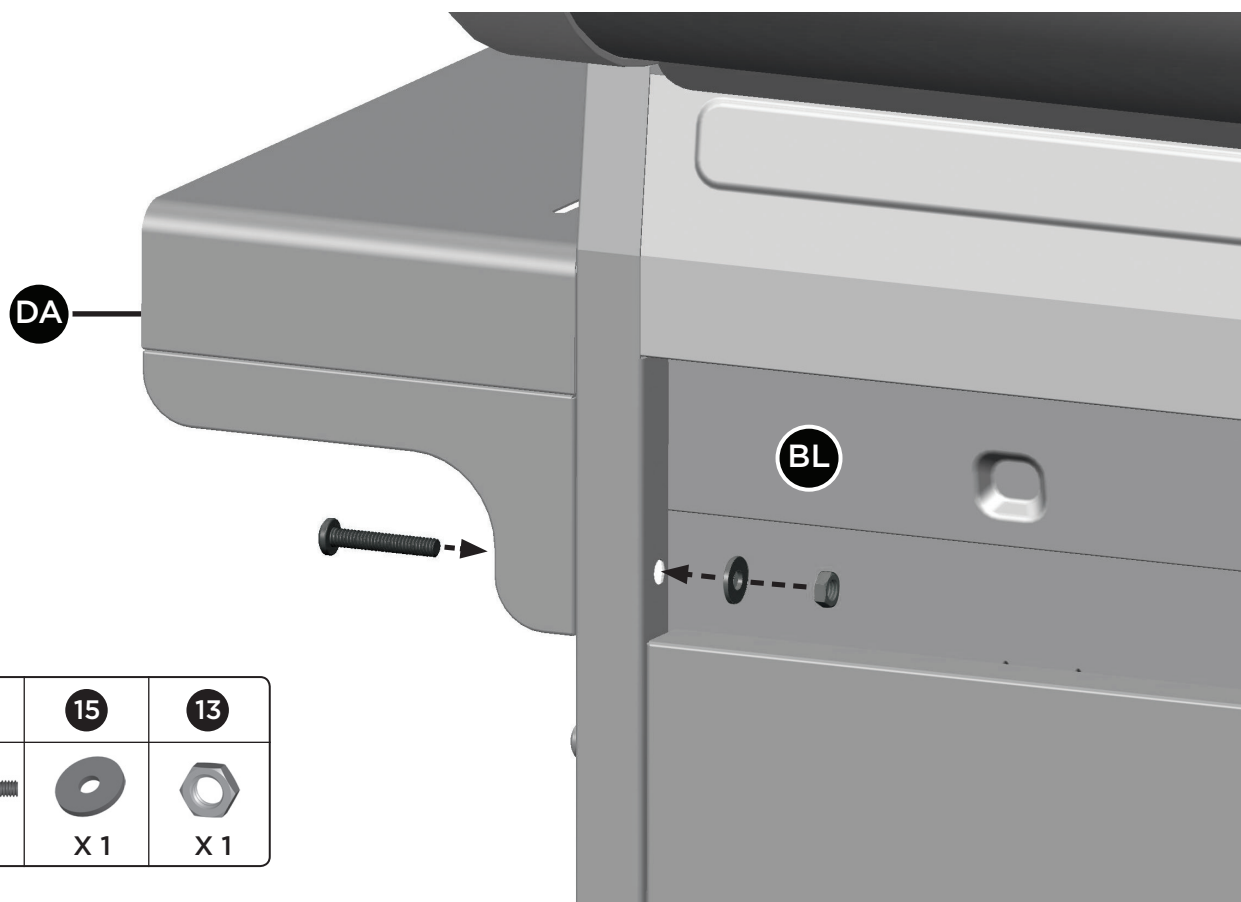


B.

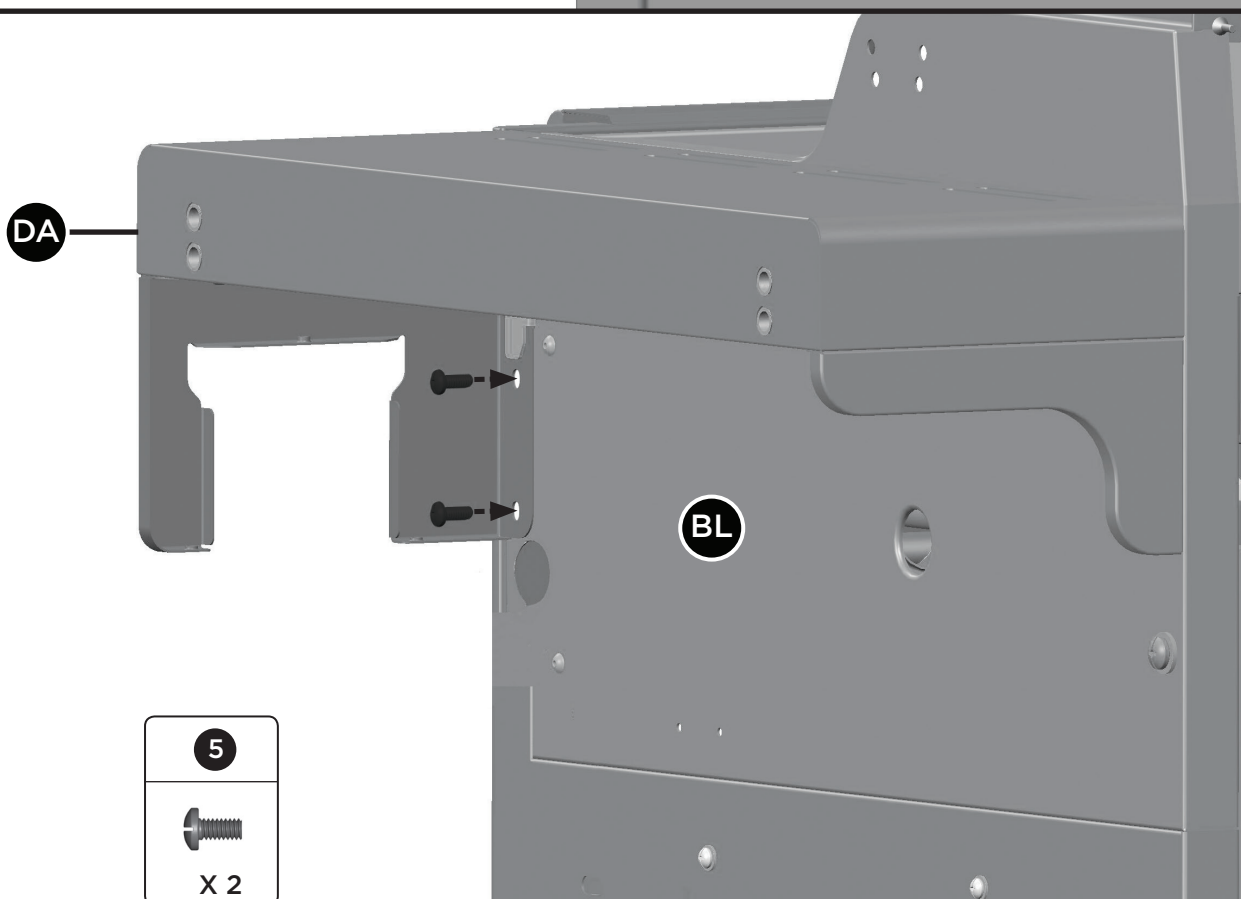


26

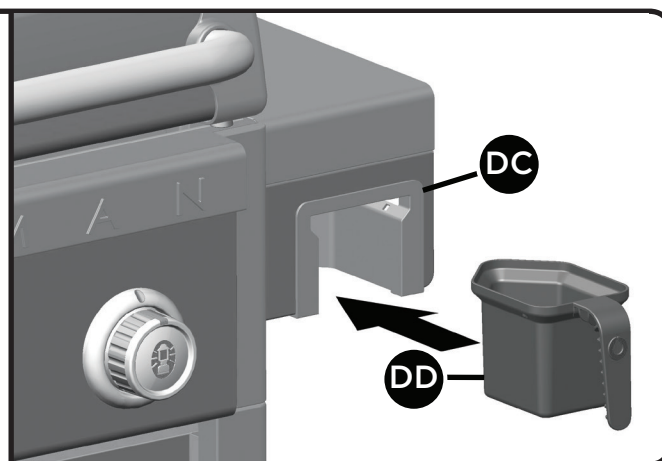
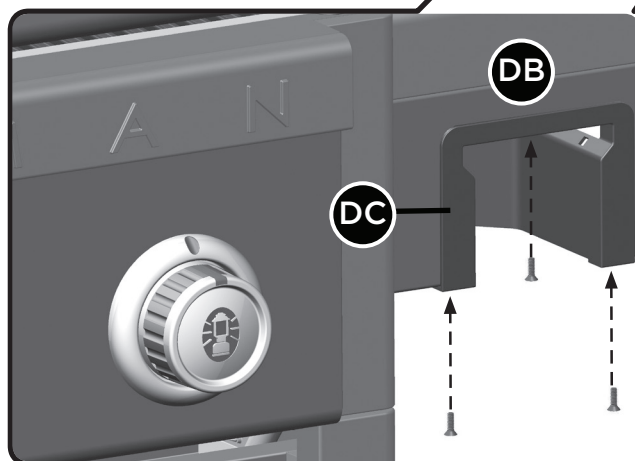
C.



D.



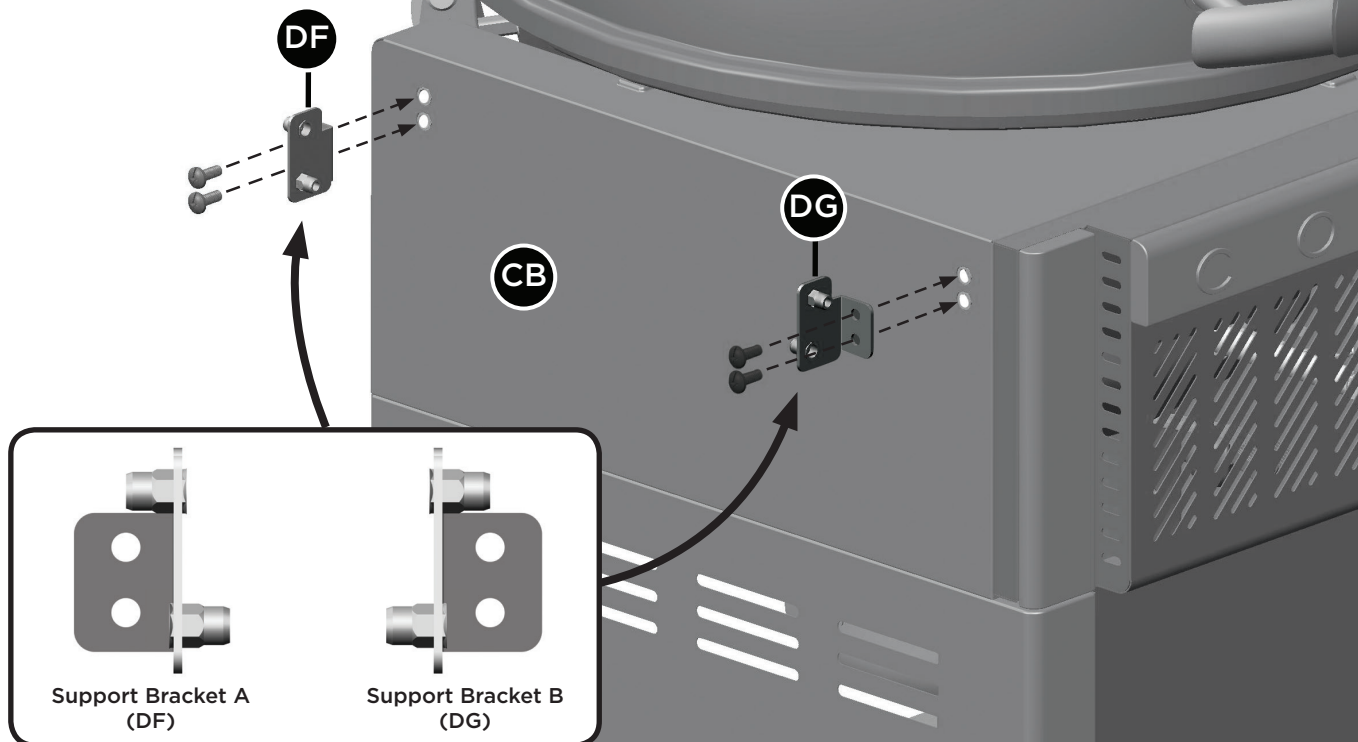
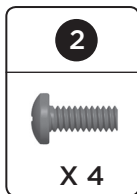
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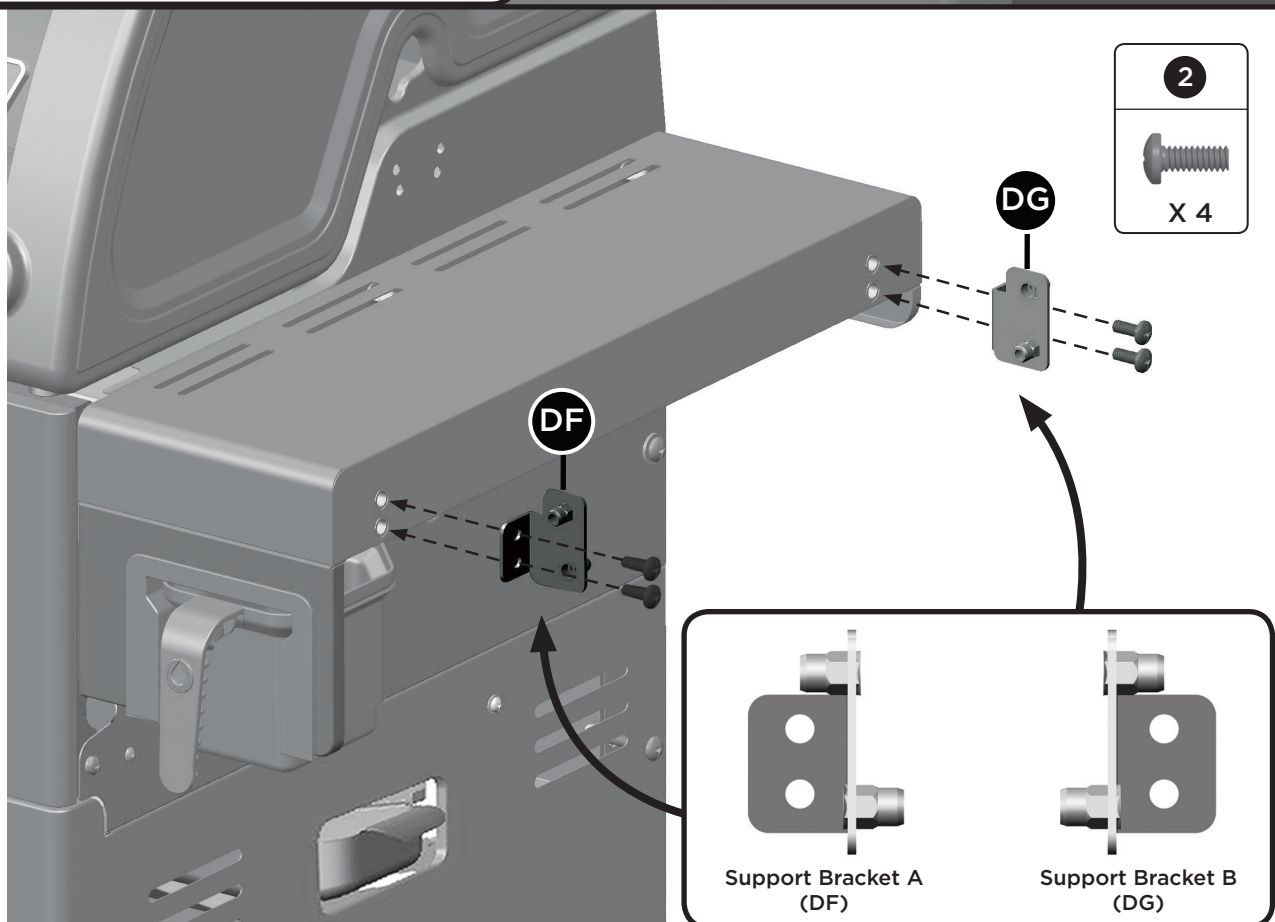
ASSEMBLY INSTRUCTIONS

28

A.

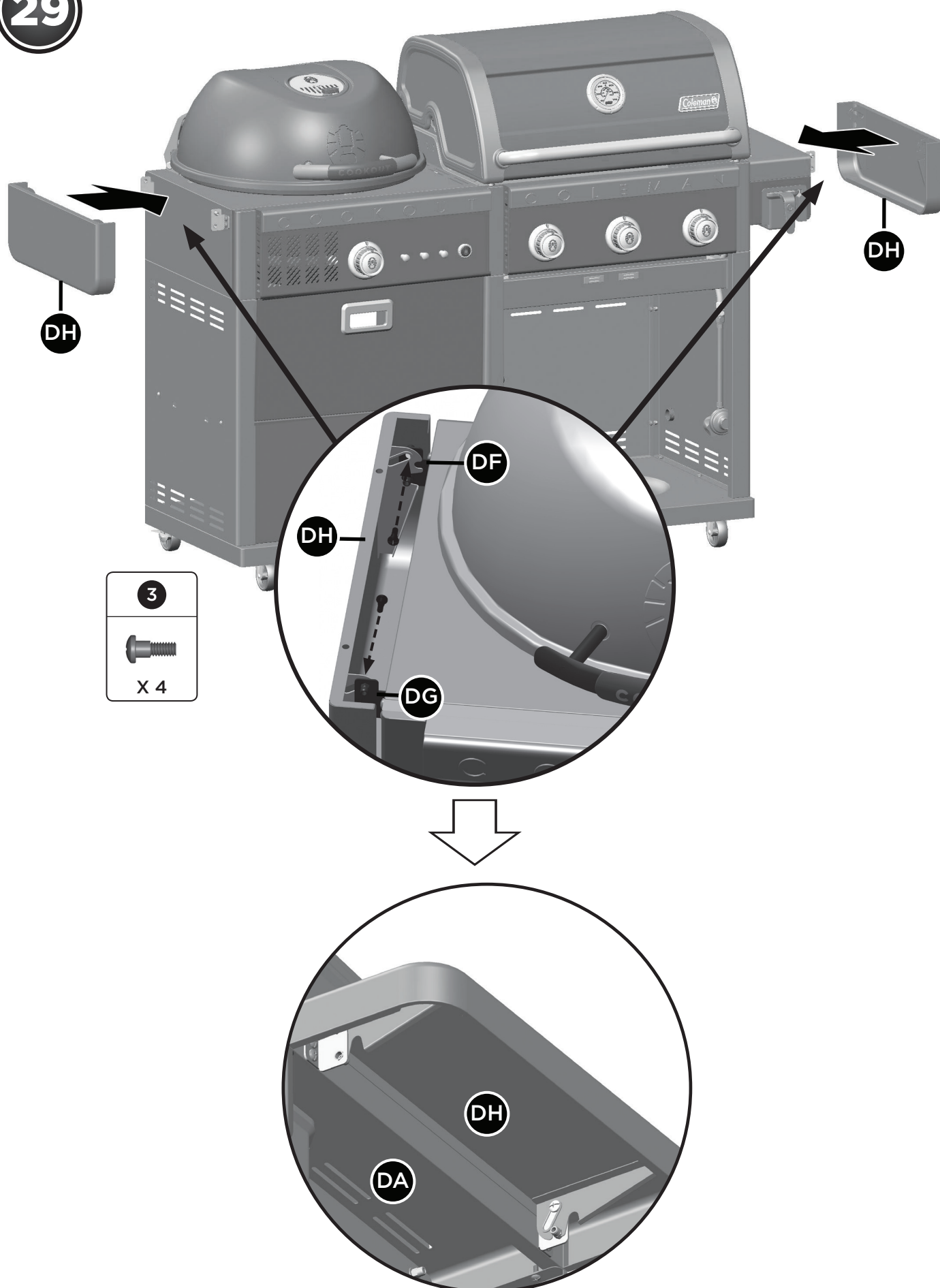


B.



ASSEMBLY INSTRUCTIONS

29



ASSEMBLY INSTRUCTIONS



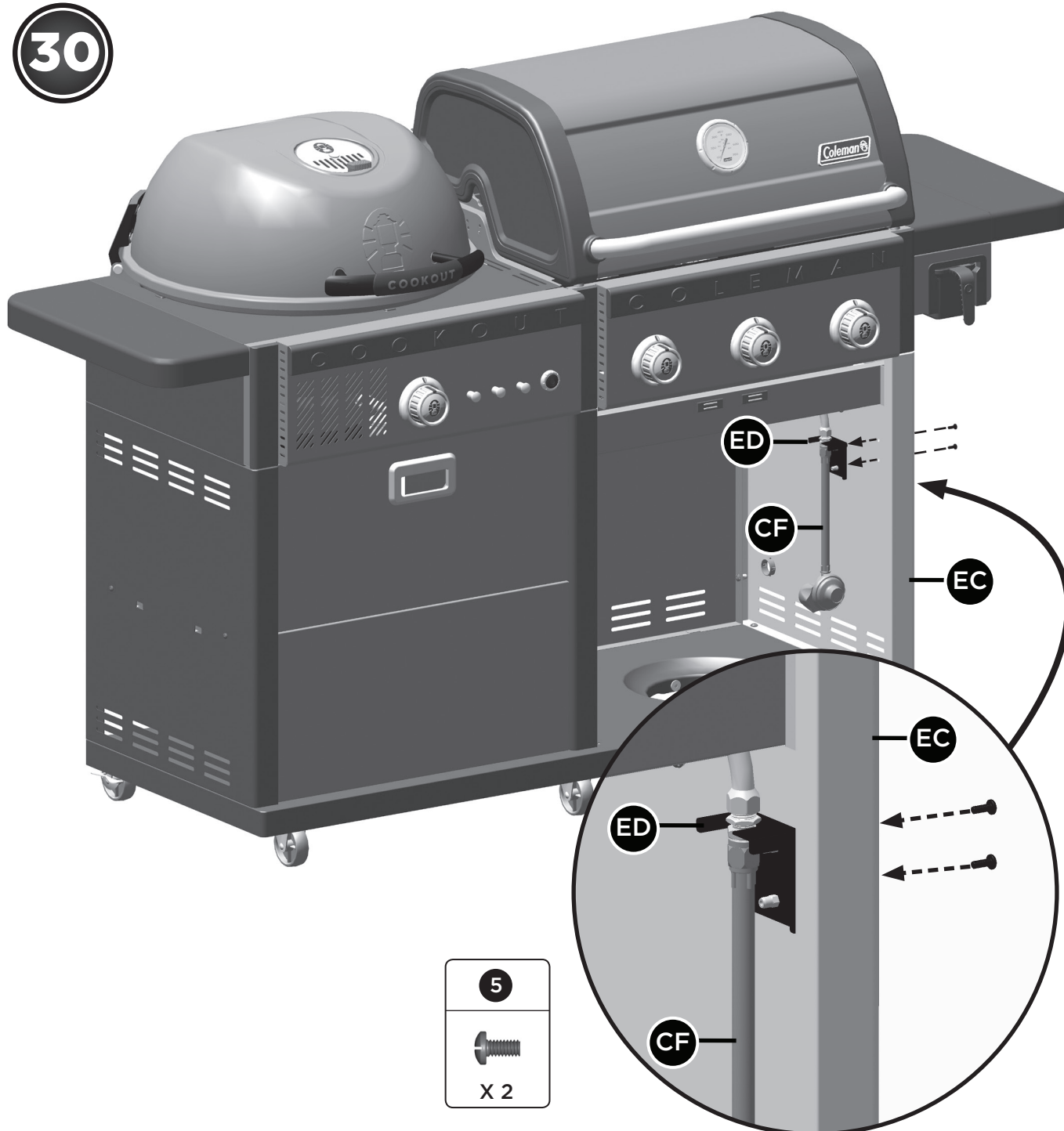
CONVERTIBLE VALVE SYSTEM™

ATTENTION: YOUR MODEL includes the CONVERTIBLE VALVE SYSTEM™. If you would like to convert your BBQ from PROPANE to NATURAL GAS, the following kit is required

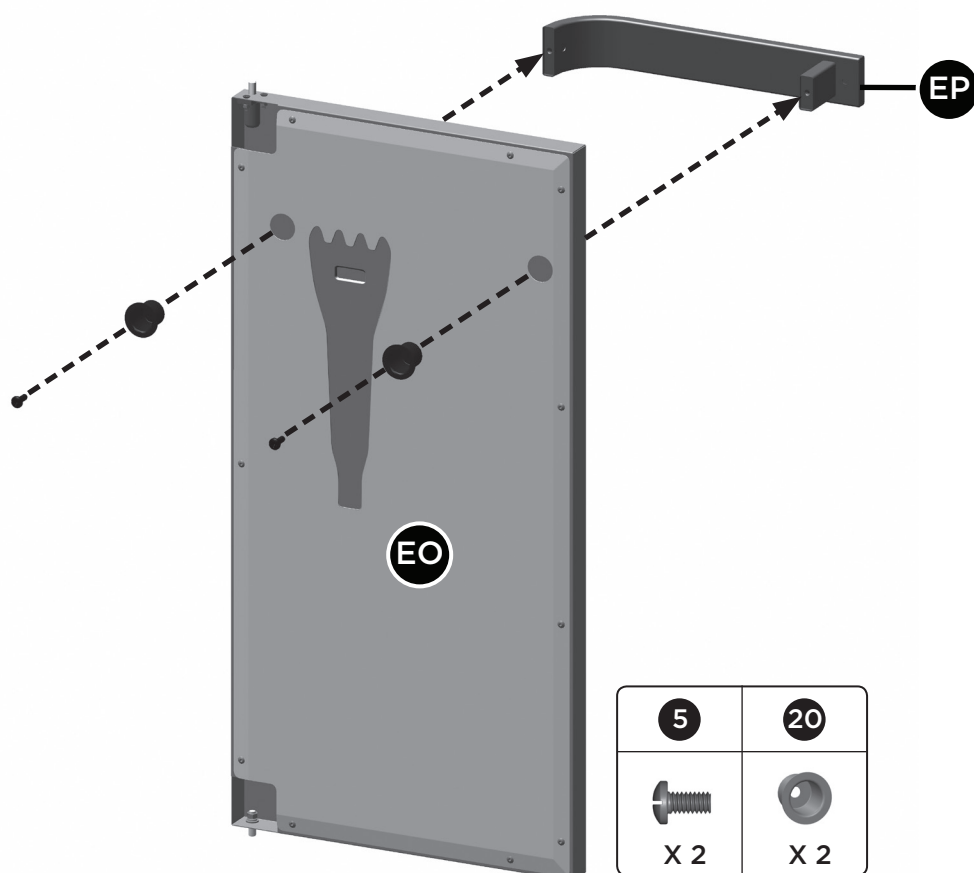
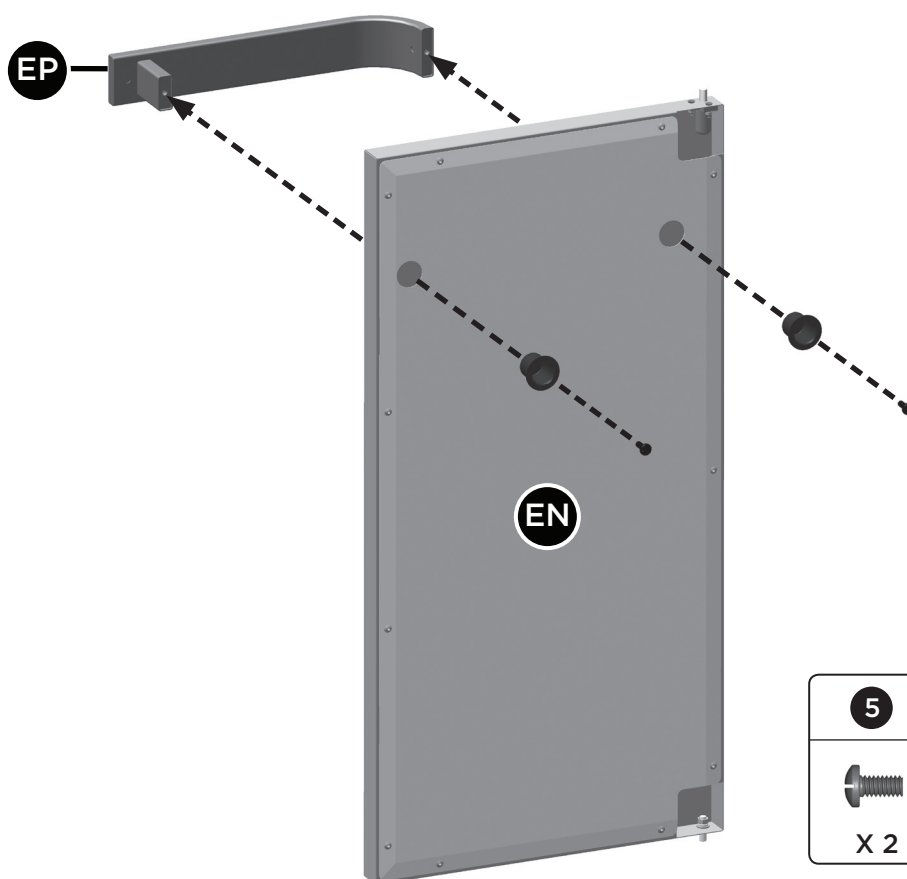
Convertible Valve System™ Natural Gas Conversion Kit - product number: 85-2261-4 (available at Canadian Tire)

Before completing steps 30 to 39, follow the steps outlined in the CONVERTIBLE VALVE SYSTEM™ instruction manual that accompanied the kit.

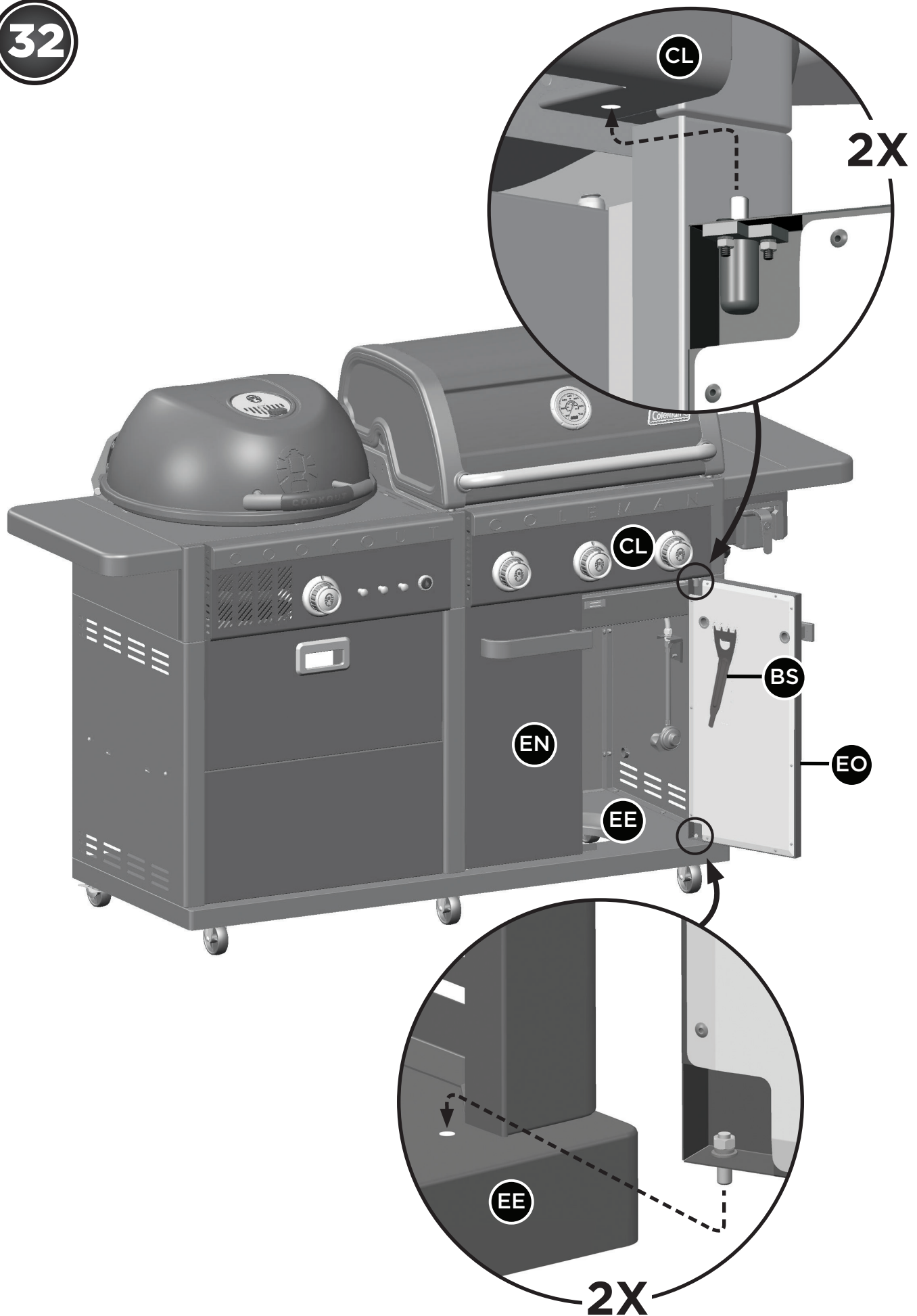
30



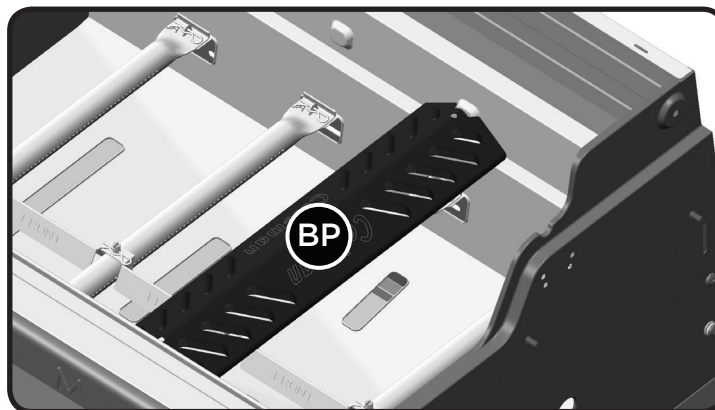
31



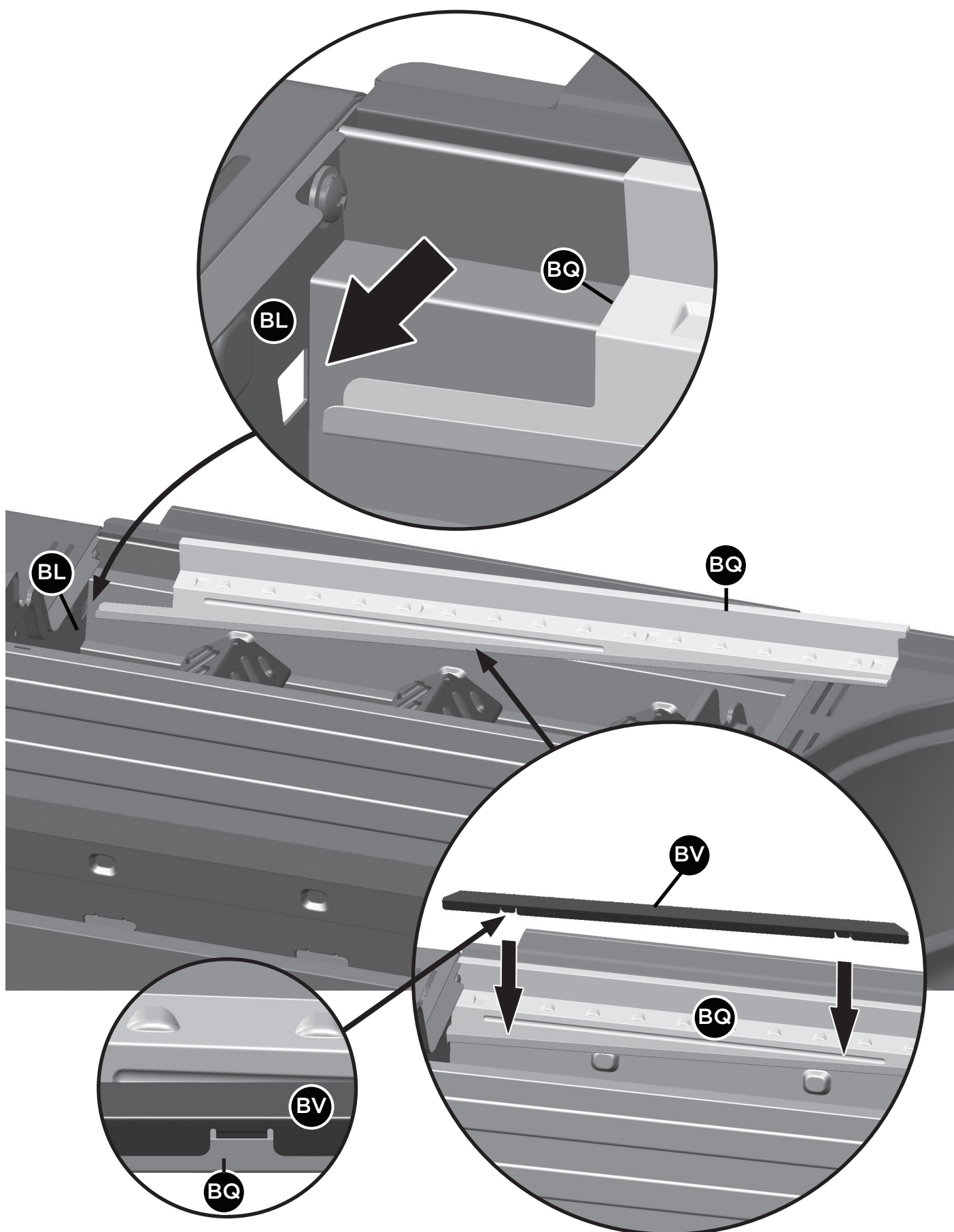
32



33



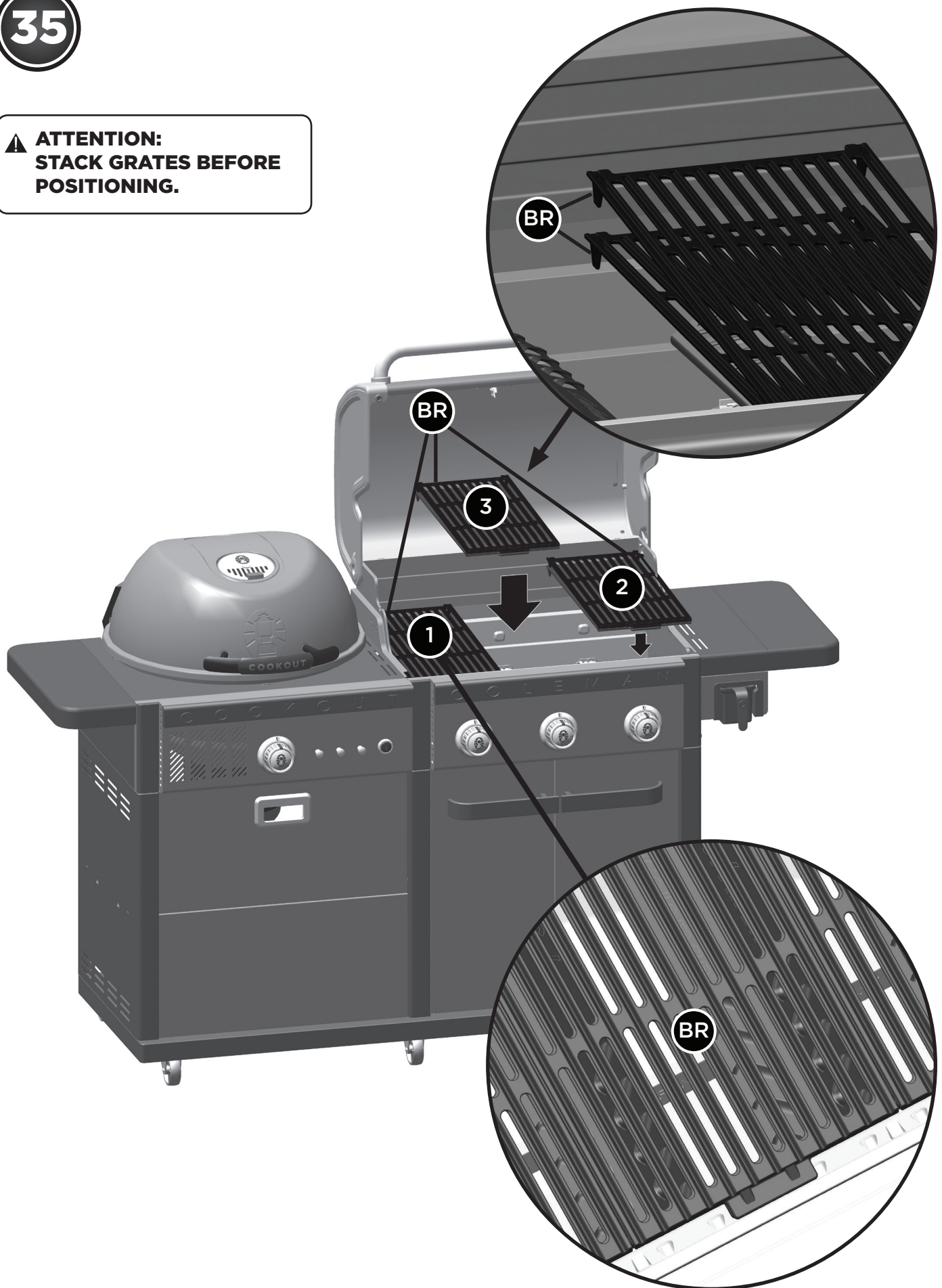
34



ASSEMBLY INSTRUCTIONS

35

**▲ ATTENTION:
STACK GRATES BEFORE
POSITIONING.**



36



37



38

**FOR PROPANE MODEL ONLY.
FOR NATURAL GAS MODEL, FOLLOW STEP 39.**



39**HOW TO CONVERT YOUR BBQ TO NATURAL GAS**

This barbecue was sold PROPANE READY, if you wish to run your barbecue on Natural Gas you must purchase the Natural Gas Conversion Kit sold at Canadian Tire, product #85-2261-4.

**IMPORTANT**

Make sure the conversion kit packaging has the following symbol on it:

**CONVERTIBLE
VALVE SYSTEM™**

ADDITIONAL WARNINGS

You have now completed the Assembly of your COLEMAN® REVOLUTION™ BARBECUE.

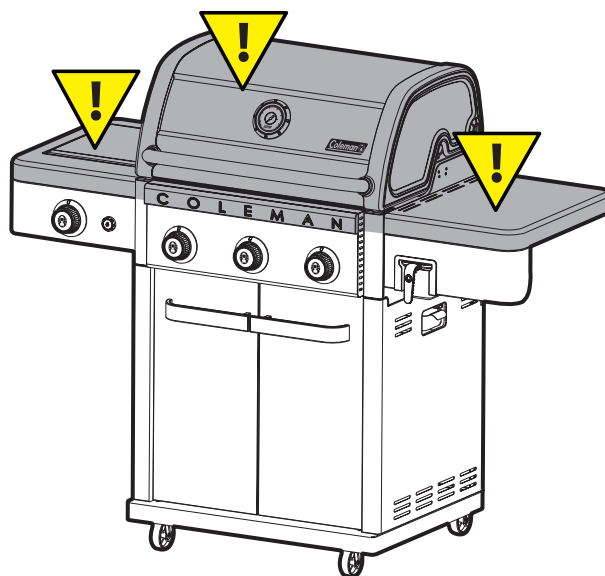
NEXT STEPS:

1. Position your BARBECUE
2. Read SAFE USE & CARE MANUAL
3. Perform Grill Safety Check-list

⚠ WARNING:

FOR YOUR FAMILIES SAFETY, DO NOT ATTEMPT TO LIGHT THIS BBQ UNTIL YOU HAVE REVIEWED PAGES 4-7 OF THE COLEMAN® SAFE USE & CARE MANUAL. ALL SAFETY AND LEAK TESTS MUST BE PERFORMED BY THE END USER, PRIOR TO LIGHTING THIS BBQ.

⚠ WARNING HOT SURFACES:



POSITION YOUR BARBECUE

Always confirm that this Barbecue is not positioned under a combustible object (e.g., an awning or umbrella) or in a covered area (e.g., porch or gazebo) before lighting it, to prevent a possible fire.

Always confirm that this Barbecue is not positioned under the overhang of a house, a garage or other structure before lighting it. An overhang will serve to deflect flare-ups and radiate heat into the structure itself, which could result in a fire.

Always confirm that this Barbecue is positioned more than 36" (91.4cm) away from any combustible materials or surfaces before lighting it, and that no gasoline or other volatile substances are stored in the vicinity of this Barbecue. The temperature of a grease fire or of the radiated heat might otherwise be sufficient to ignite nearby combustibles or volatile substances. Do not position near windows, siding, or fencing.

Always locate the Barbecue where there will be ample combustion and ventilation air, but never position it in the direct path of a strong wind.

Level your Barbecue for optimal performance of Flare-Free Technology™.



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