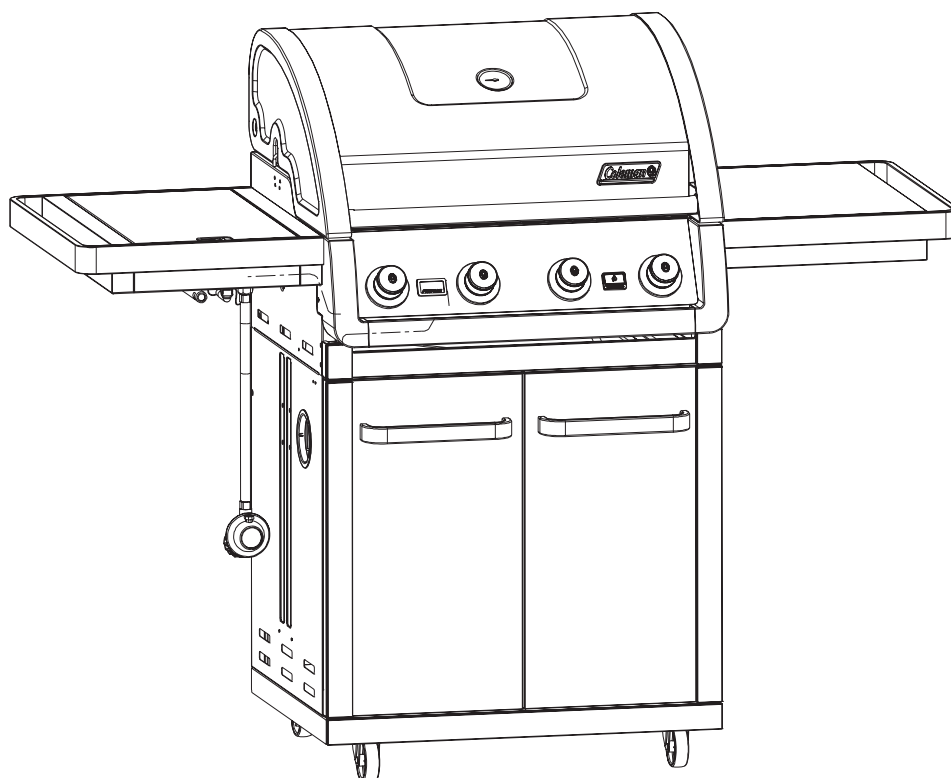




DURABILITY • POWER • PERFORMANCE

# EVEN HEAT™ BARBECUE

WITH 4 BURNERS



## ASSEMBLY MANUAL

85-3028-6 (G52203) Propane  
85-3029-4 (G52204) Natural Gas

### **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.



## 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](http://www.colemanbbqs.com)

#### ⚠ CAUTION

Sharp edges. Wear gloves when assembling your grill.

#### ⚠ CAUTION

Read and follow all safety statements, assembly instructions, and 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.

**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

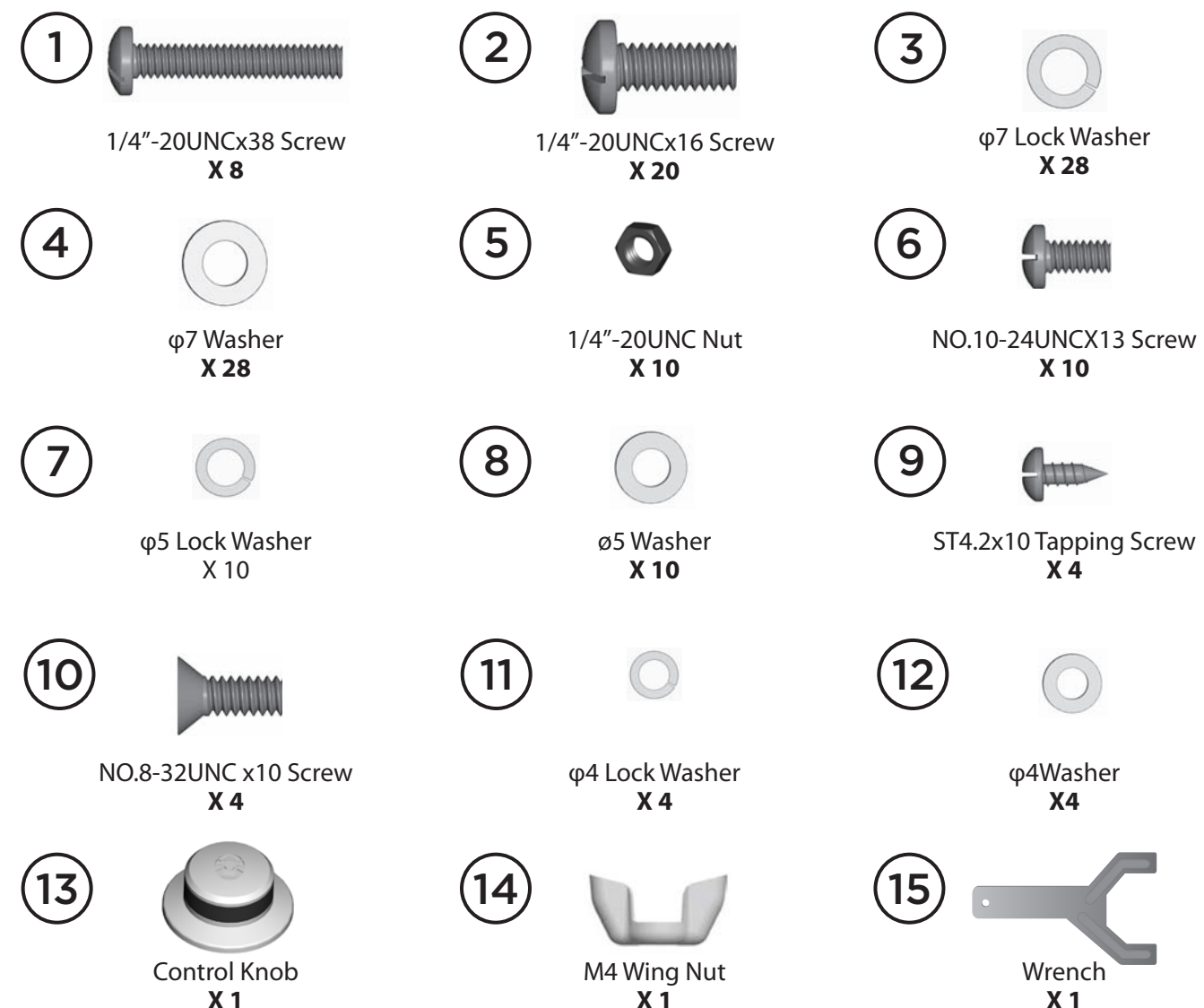
- #2 Phillips screwdriver (long and short)
- 1/4" Slotted screwdriver (long and short)
- Adjustable wrench
- Pliers

Before assembling the barbecue, read these instructions carefully.

Assemble the barbecue on a flat, clean surface. Grill is heavy. You should have at least two people assemble the barbecue together.

No.	Description	Part Number	Qty.
1	1/4"-20UNCx38 Screw	20120-13038-250	8
2	1/4"-20UNCx16 Screw	20120-13016-250	20
3	φ7 Lock Washer	41400-07000-250	28
4	φ7 Washer	40300-07000-250	28
5	1/4"-20UNC Nut	30220-13000-250	10
6	NO.10-24UNCX13 Screw	20124-10013-250	10
7	φ5 Lock Washer	41400-05000-250	10
8	φ5 Washer	40300-05000-250	10
9	ST4.2X10 Tapping Screw	22500-42010-137	4
10	NO.8-32UNC x10 Screw	20132-08010-250	4
11	φ4 Lock Washer	41400-04000-250	4
12	φ4Washer	40300-04000-250	4
13	Control Knob	G522-2800-9000	1
14	M4 Wing Nut	33301-04000-032	1
15	Wrench	G413-0032-9082	1

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

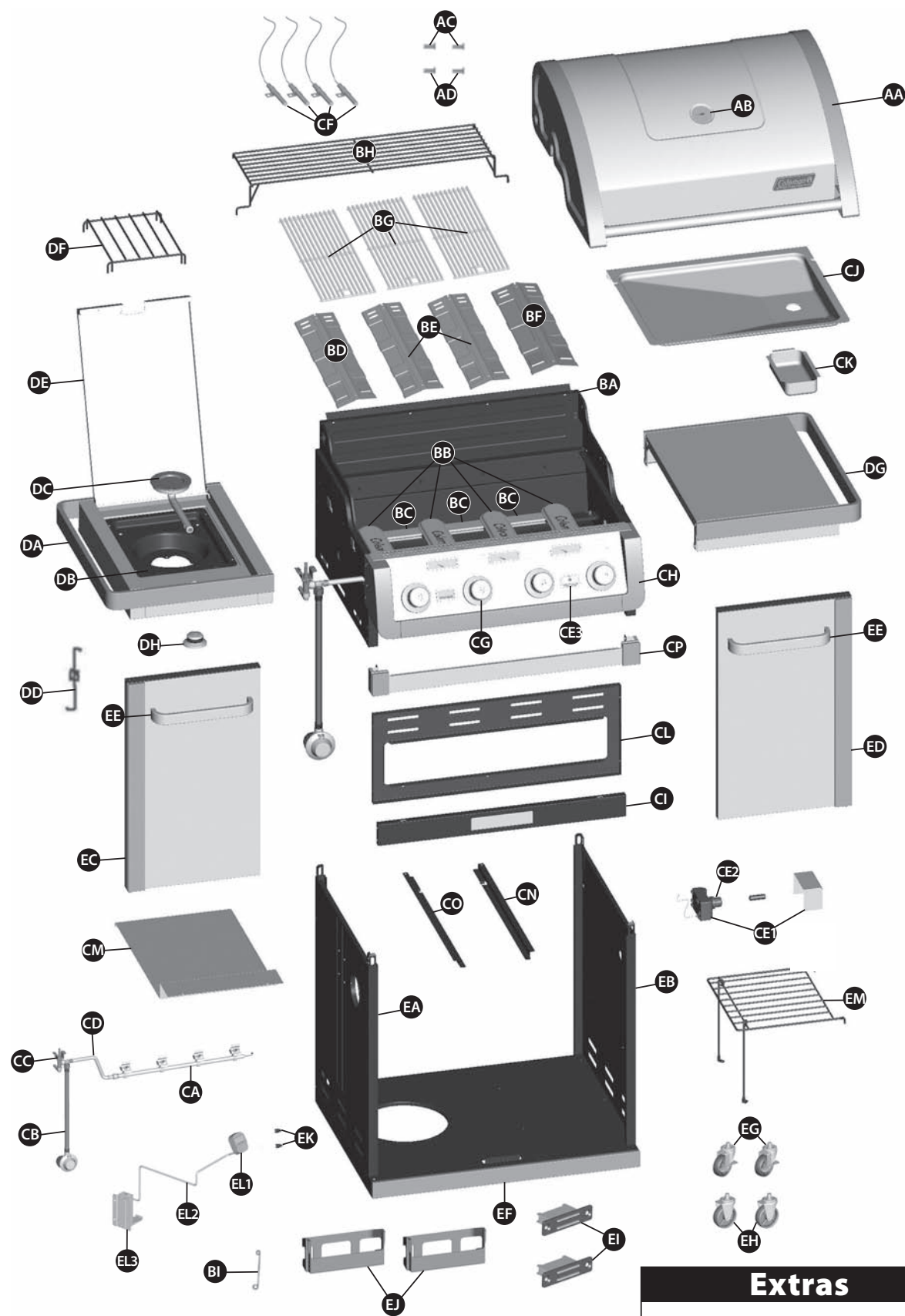


PARTS LIST (PROPANE) FOR 85-3028-6 (G52203)

Item No.	Qty.	Description	Part No.
AA	1	Top lid assembly	G522-2100-01
AB	1	Thermometer	G522-0005-01
AC	2	Screw for top lid	G433-0002-01
AD	2	Lid bumper	G508-0063-01
BA	1	Burner box assembly	G522-3600-01
BB	4	Even Heat™ burners	G522-2900-01
BC	1	Carryover assembly	G522-0053-01
BD	1	Even Heat™ heat distribution plate - left	G522-0050-01
BE	2	Even Heat™ heat distribution plate - middle	G522-0022-01
BF	1	Even Heat™ heat distribution plate - right	G522-0064-01
BG	3	Coleman stainless steel cooking grates	G522-0024-01
BH	1	Warming rack	G515-0058-01
BI	1	Match holder	G608-0019-01
CA	1	Manifold assembly-LP	G522-3800-01
CB	1	Regulator	G606-0008-01
CC	1	Side burner valve with T bracket LP	G522-0016-01
CD	1	Metal hose, side burner	G508-0024-01
CE1	1	Electronic ignition assembly	G515-0030-02
CE2	1	Ignition battery cover	G515-0030-01
CE3	1	Instastart™ ignition button	G522-0017-01
CF	4	Electrode set, main burner	G522-0020-02
CG	4	Control knob	G522-2700-01
CH	1	Control panel	G522-0055-01
CI	1	Front brace	G522-0025-01
CJ	1	Quick Clean™ grease tray	G522-0800-01
CK	1	Quick Clean™ grease cup	G416-0015-01
CL	1	Upper back panel	G522-0026-01
CM	1	Heat shield	G522-0041-01
CN	1	Right track	G522-0043-01
CO	1	Left track	G522-0027-01
CP	1	Door support rail	G522-5100-01

Item No.	Qty.	Description	Part No.
DA	1	Left side burner side shelf	G522-1100-01
DB	1	Side burner drip pan	G522-0031-01
DC	1	Side burner	G515-1000-01
DD	1	Electrode wire, side burner	G515-0039-01
DE	1	Side burner lid	G522-0058-01
DF	1	Side burner cooking grate	G501-0077-01
DG	1	Right side shelf	G522-1000-01
DH	1	Side burner control knob	G522-2800-01
EA	1	Left side panel	G522-0300-01
EB	1	Right side panel	G522-0400-01
EC	1	Left door assembly	G522-8100-01
ED	1	Right door assembly	G522-9100-01
EE	2	Door handle	G522-0036-01
EF	1	Bottom shelf-LP	G522-4000-01
EG	2	Locking castor	G401-0061-01
EH	2	Castor	G606-0027-01
EI	2	Door magnet assembly	G501-00F2-01
EJ	2	Condiment Baskets	G522-0061-01
EK	2	Tank stopper	G522-0042-01
EL	1	Quick Check™ fuel gauge assembly	G522-3400-01
EL1	1	Quick Check™ fuel gauge	
EL2	1	Quick Check™ hydraulic tube	
EL3	1	Quick Check™ tank support bracket	
EM	1	Wire shelf	G502-0069-01
F1	1	Hardware pack	G522-B001-01
F2	1	Assembly manual	G522-M003-01
F3	1	Safe use and care manual	G522-M001-02

EXPLODED DIAGRAM (PROPANE) FOR 85-3028-6 (G52203)



**Extras**

Hardware Pack F1	Assembly Manual F2	Safety & Care Manual F3
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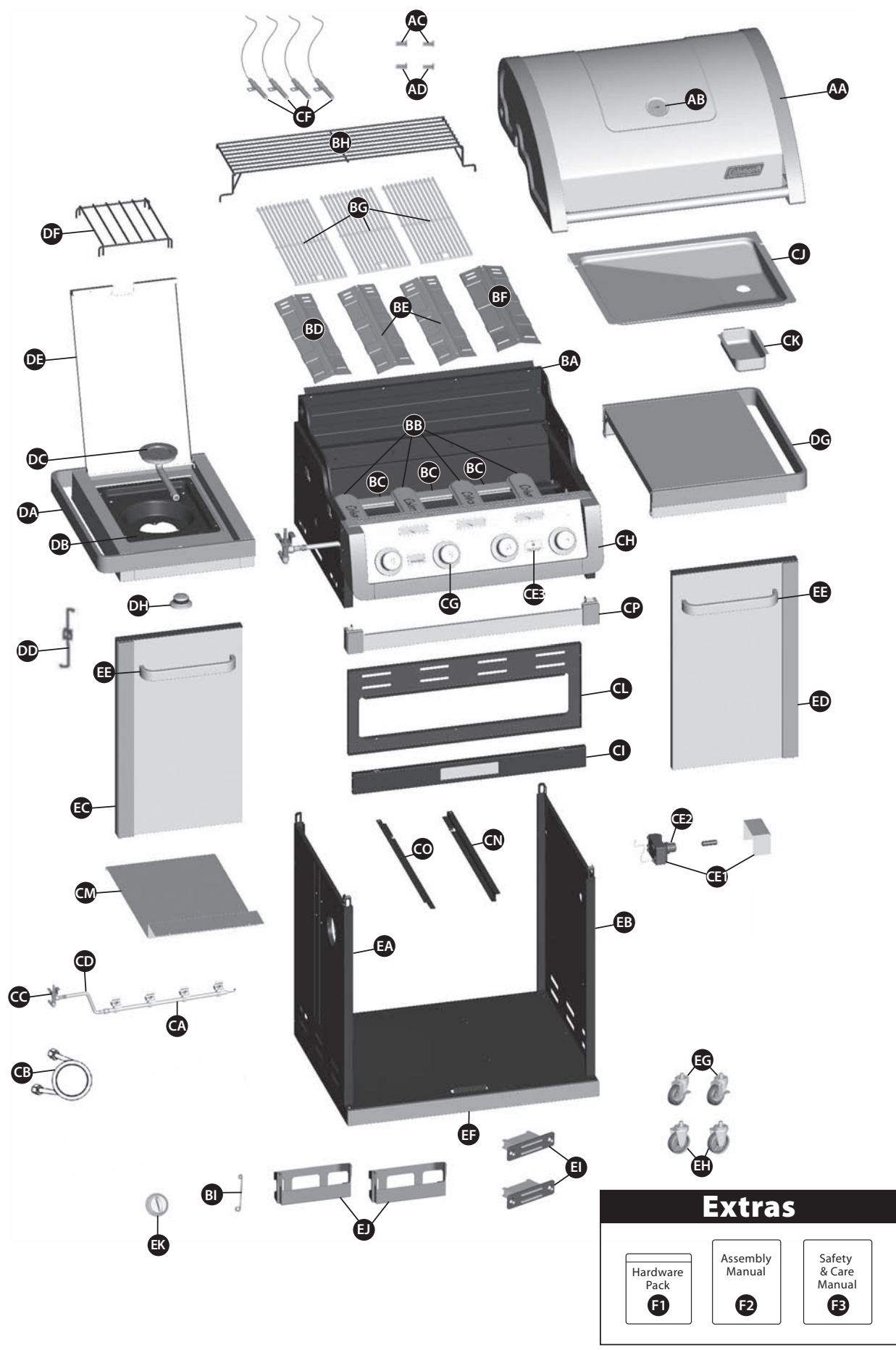


PARTS LIST (NATURAL GAS) FOR 85-3029-4 (G52204)

Item No.	Qty.	Description	Part No.
AA	1	Top lid assembly	G522-2100-01
AB	1	Thermometer	G522-0005-01
AC	2	Screw for top lid	G433-0002-01
AD	2	Lid bumper	G508-0063-01
BA	1	Burner box assembly	G522-3600-01
BB	4	Even Heat™ burners	G522-2900-01
BC	1	Carryover assembly	G522-0053-02
BD	1	Even Heat™ heat distribution plate - left	G522-0050-01
BE	2	Even Heat™ heat distribution plate - middle	G522-0022-01
BF	1	Even Heat™ heat distribution plate - right	G522-0064-01
BG	3	Coleman stainless steel cooking grates	G522-0024-01
BH	1	Warming rack	G515-0058-01
BI	1	Match holder	G608-0019-01
CA	1	Manifold assembly- NG	G522-4500-01
CB	1	Natural gas hose	G501-0099-01
CC	1	Side burner valve with T bracket - NG	G522-0045-01
CD	1	Metal hose, side burner	G508-0024-01
CE1	1	Electronic ignition assembly	G515-0030-02
CE2	1	Ignition battery cover	G515-0030-01
CE3	1	Instastart™ ignition button	G522-0017-01
CF	4	Electrode set, main burner	G522-0020-02
CG	4	Control knob	G522-2700-01
CH	1	Control panel	G522-0063-01
CI	1	Front brace	G522-0025-01
CJ	1	Quick clean™ grease tray	G522-0800-01
CK	1	Quick clean™ grease cup	G416-0015-01
CL	1	Upper back panel	G522-0026-01
CM	1	Heat shield	G522-0041-01
CN	1	Right track	G522-0043-01
CO	1	Left track	G522-0027-01
CP	1	Door support rail	G522-5100-01

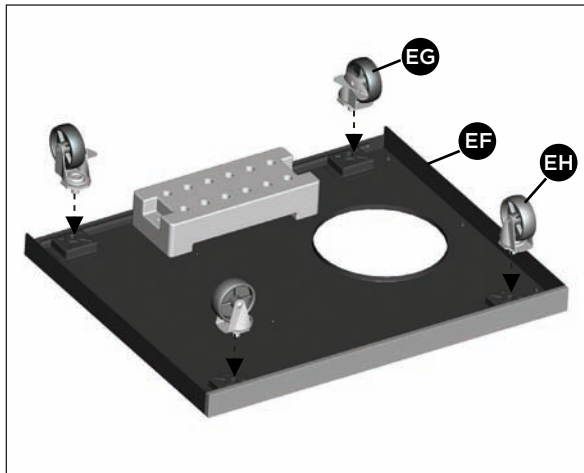
Item No.	Qty.	Description	Part No.
DA	1	Left side burner side shelf	G522-1100-01
DB	1	Side burner drip pan	G522-0031-01
DC	1	Side burner	G515-1000-01
DD	1	Electrode wire, side burner	G515-0039-01
DE	1	Side burner lid	G522-0058-01
DF	1	Side burner cooking grate	G501-0077-01
DG	1	Right side shelf	G522-1000-01
DH	1	Side burner control knob	G522-2800-01
EA	1	Left side panel	G522-0300-01
EB	1	Right side panel	G522-0400-01
EC	1	Left door assembly	G522-8100-01
ED	1	Right door assembly	G522-9100-01
EE	2	Door handle	G522-0036-01
EF	1	Bottom shelf-NG	G522-4600-01
EG	2	Locking castor	G401-0061-01
EH	2	Castor	G606-0027-01
EI	2	Door magnet assembly	G501-00F2-01
EJ	2	Condiment Baskets	G522-0061-01
EK	1	Timer	G430-0049-01
F1	1	Hardware pack	G522-B001-01
F2	1	Assembly manual	G522-M003-01
F3	1	Safe use and care manual	G522-M001-02

EXPLODED DIAGRAM (NATURAL GAS) FOR 85-3029-4 (G52204)

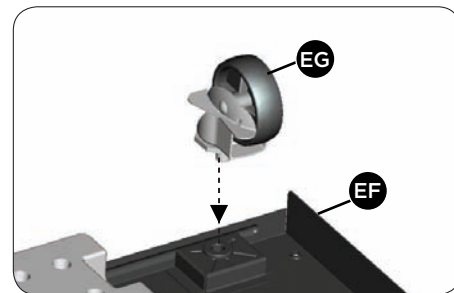


## ASSEMBLY INSTRUCTIONS

1



Upside down view



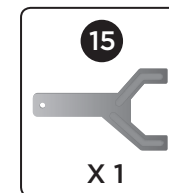
Close up

Separate the 2 different types of castors: 2 locking castors (EG) and 2 regular castors (EH).

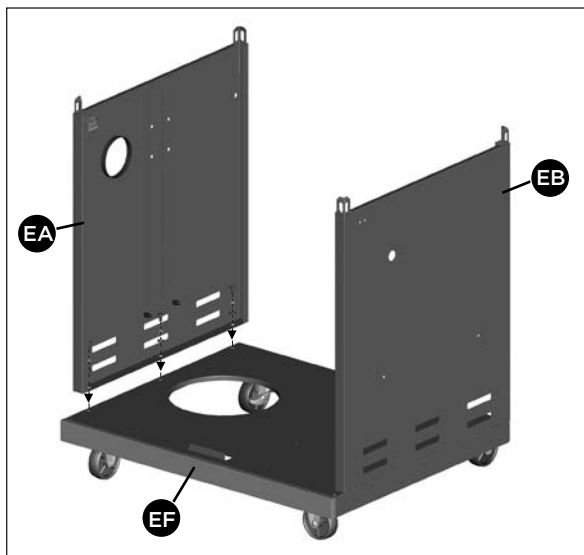
Attach the locking castors (EG) to the back of the bottom shelf (EF), and the regular castors (EH) to the front of the bottom shelf (EF), as shown.

To secure the 4 castors, hand tighten first and then tighten further using the wrench provided in the hardware pack.

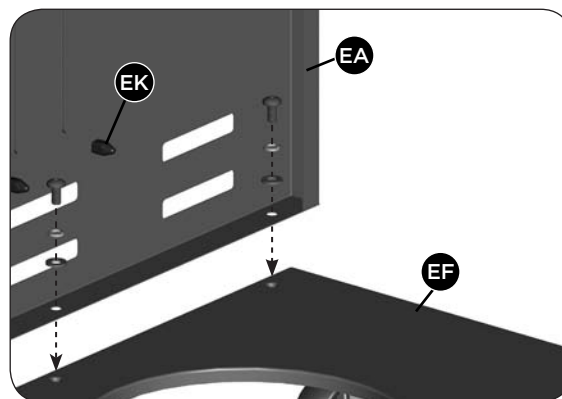
### YOU WILL NEED:



2



Front view

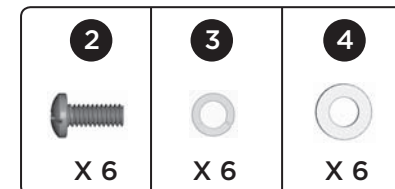


Close up

Ensure that the locking castors (EG) are firmly locked in the "ON" position before continuing.

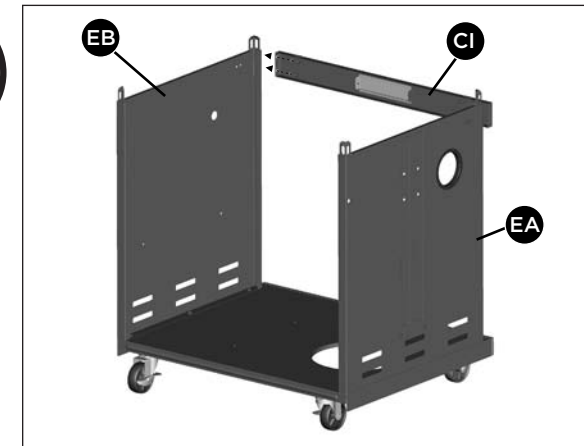
Assemble the left side panel (EA) and the right side panel (EB), to the bottom shelf (EF).

### YOU WILL NEED:

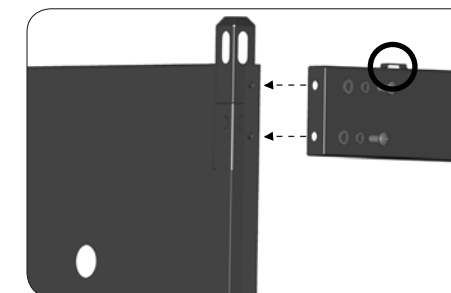


## ASSEMBLY INSTRUCTIONS

3



Back view

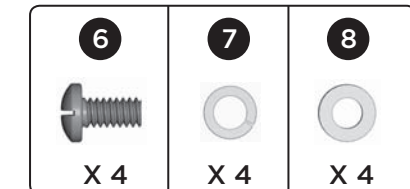


Close up

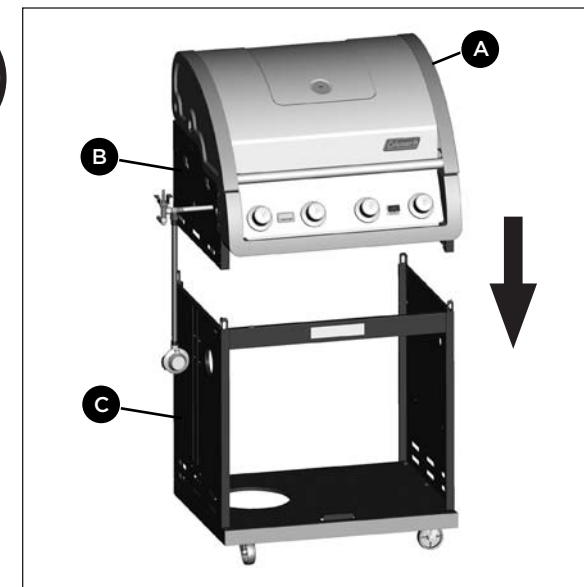
Attach the front brace (CI) to the left and right cart side panels (EA and EB). The top of the front brace (CI) can be identified by two clips located on the top left, and right side of this part.

**TIP:** One person should align the left side, while the second person assembles the right side.

### YOU WILL NEED:



4



Front view

**THIS STEP REQUIRES 3 PEOPLE. DO NOT ATTEMPT ALONE. EXTREMELY HEAVY.**

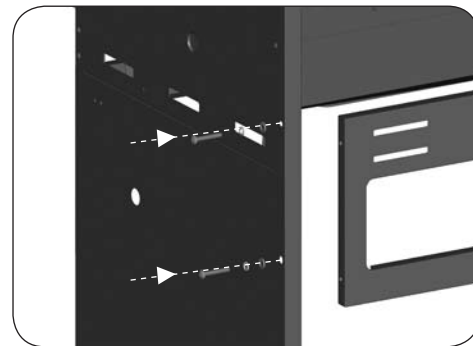
Position the top lid assembly and burner box assembly (A & B) onto the cart assembly (C), as shown.

## ASSEMBLY INSTRUCTIONS

5



Back view

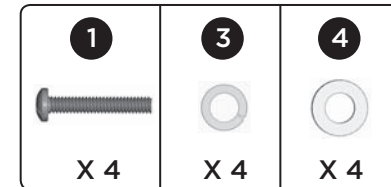


Close up

Attach the upper back panel (CL) to both the left and right side panels (EA & EB).

**DO NOT tighten screws until all hardware has been positioned.**

**YOU WILL NEED:**



### PROPANE MODEL ONLY

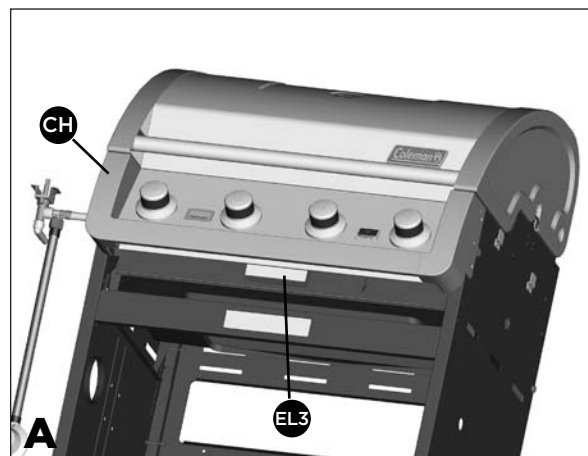
a. Remove the Quick Check™ tank support bracket (EL3) from the carton located under the control panel (CH).

**ATTENTION: Open the carton with care to avoid damaging or cutting the Quick Check™ hydraulic tube (EL2).**

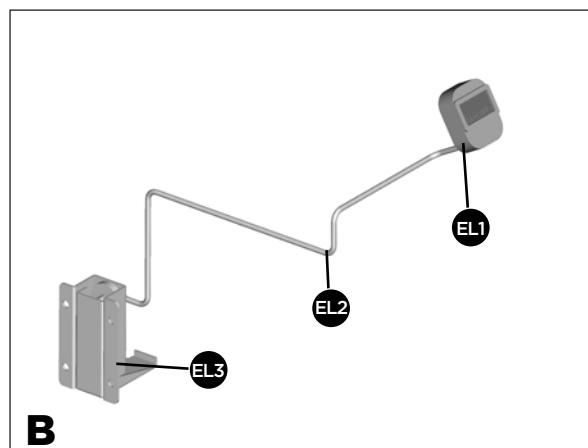
**DO NOT bend the QUICK CHECK™ hydraulic tube (EL2).**

**DO NOT pull or place unnecessary force on to the QUICK CHECK™ hydraulic tube (EL2) connection points at the fuel gauge (EL1) or tank support bracket (EL3), as this may cause a leak in the hydraulic tube, resulting in unreliable fuel gauge readouts.**

6



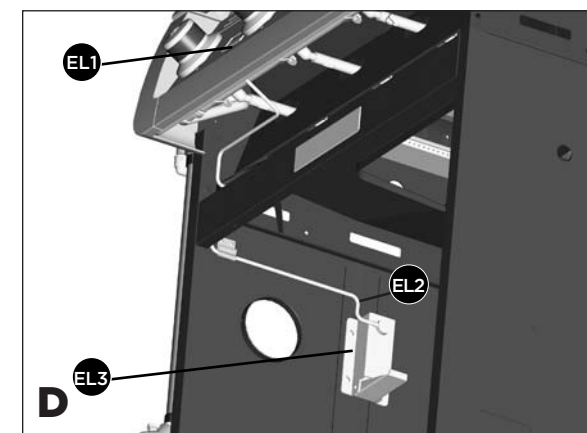
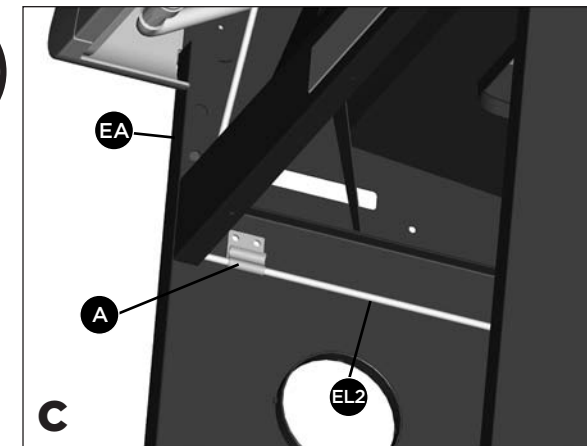
Front view



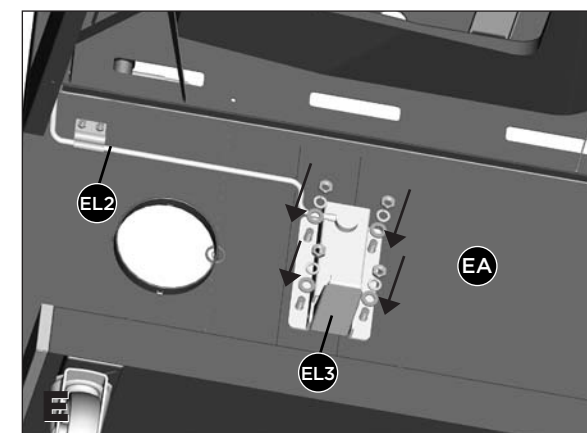
Quick Check™ Fuel Gauge (EL)

## ASSEMBLY INSTRUCTIONS

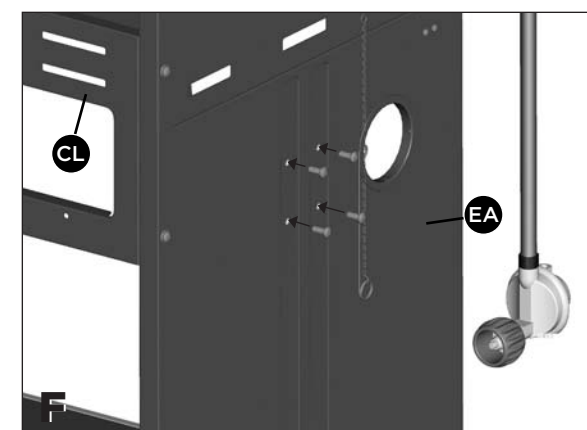
6



Left side panel, Inside view



Left side panel, Inside View



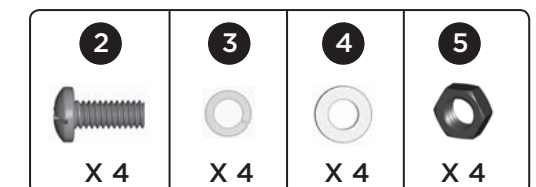
Left side, outside view

### PROPANE MODEL ONLY

b. Locate the Quick Check™ hydraulic tube support bracket (A) on the left side panel (EA). Unscrew the hardware and position the hydraulic tube (EL2) behind the bracket (A) and reconnect to the left side panel (EA) (Figure C).

c. Assemble the Quick Check™ tank support bracket (EL3) to the left side panel (EA), as shown in Figure E and F.

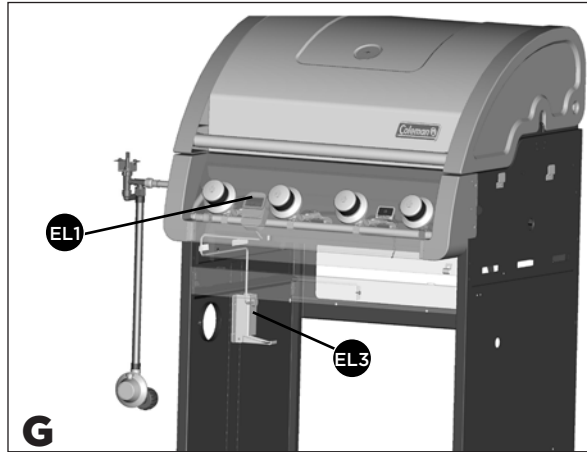
**YOU WILL NEED:**





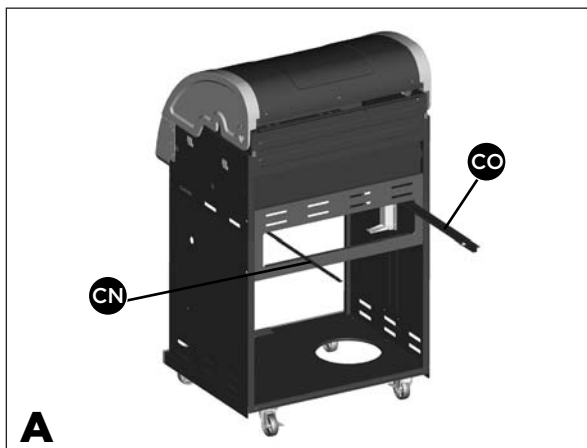
## ASSEMBLY INSTRUCTIONS

6

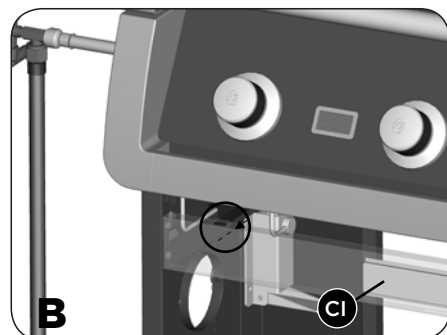


d. Final image reflects the proper assembly of the Quick Check™ fuel gauge assembly (EL).

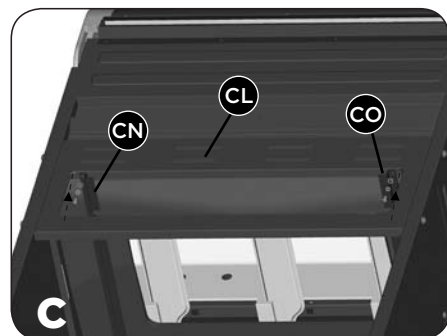
7



Back view



Close up, front view



Close up, back view

a. Assemble the left and right tracks (CO and CN) for the Quick Clean™ grease tray (CJ), as shown in figure A.

b. Both the left and right tracks (CO and CN) should be inserted into the two clips located on the front brace (CI), as shown in figure B.

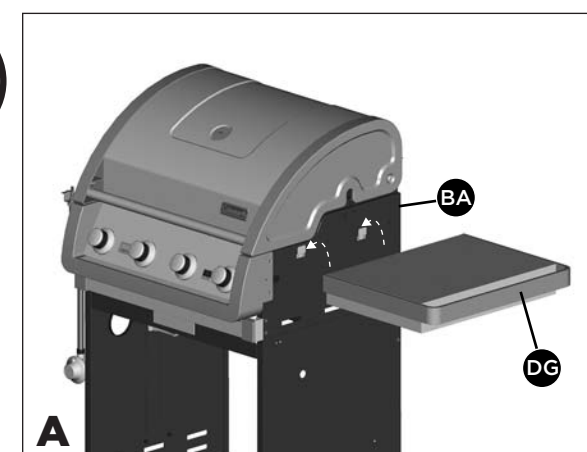
c. Assemble the back of the left and right tracks (CO and CN) to the upper back panel (CL), as shown in figure C.

### YOU WILL NEED:

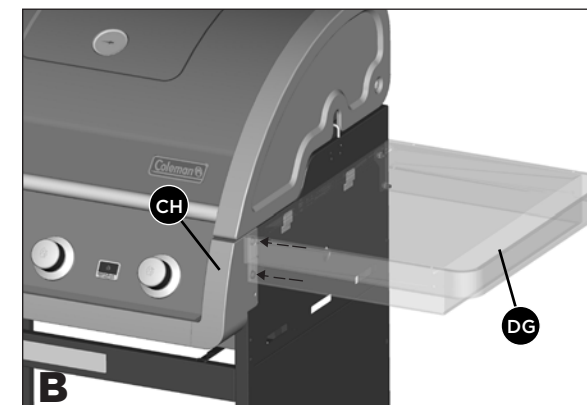
6	7	8
X 2	X 2	X 2

## ASSEMBLY INSTRUCTIONS

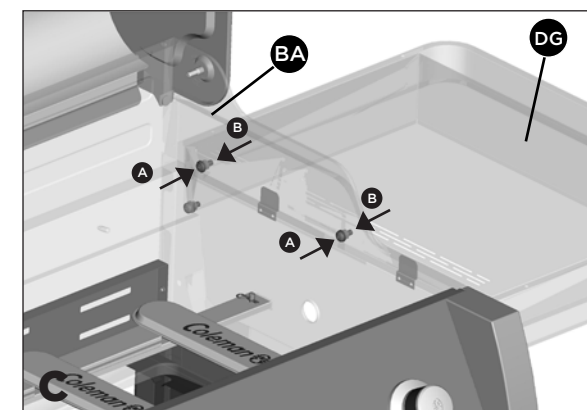
8



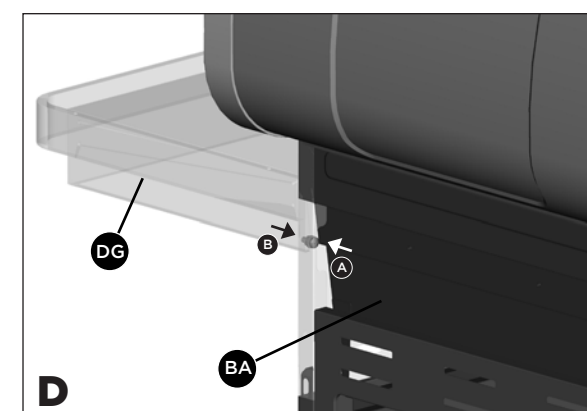
Front view



Front, right side view



View inside burner box



Back, right side view

**TIP: Do not tighten until all hardware is in place.**

a. Mount the right side shelf (DG) onto the two hooks, located on the right, upper side panel of the burner box (BA).

b. Assemble the front of the right side shelf (DG) to the control panel (CH), as shown in figure B.

### YOU WILL NEED:

2	3	4
X 2	X 2	X 2

c. Assemble the right side shelf (DG) to the upper side panel of the burner box (BA), by positioning hardware through the interior of the burner box, as shown in figure C.

### YOU WILL NEED:

2	3	4	5
X 2	X 2	X 2	X 2
A			B

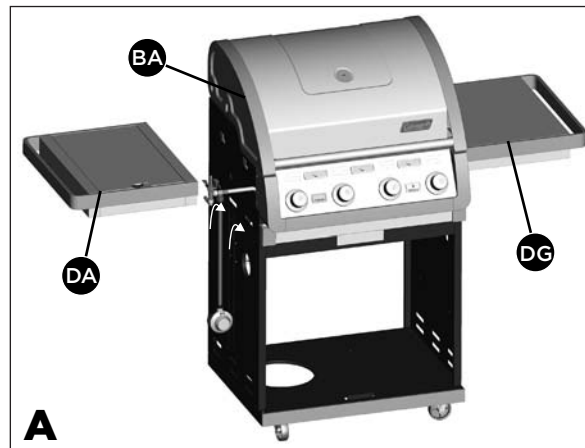
d. Complete the right side shelf assembly (DG) by connecting the right side shelf (DG) to the rear of the burner box side panel (BA) as shown in figure D.

### YOU WILL NEED:

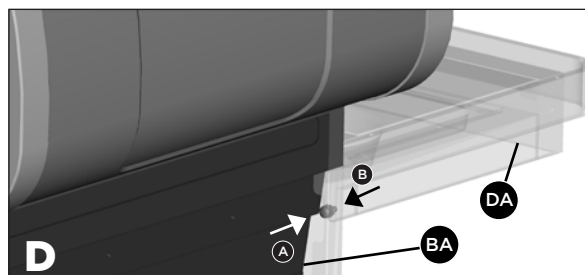
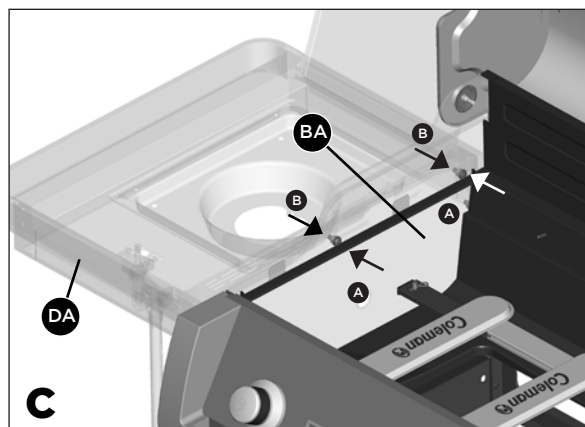
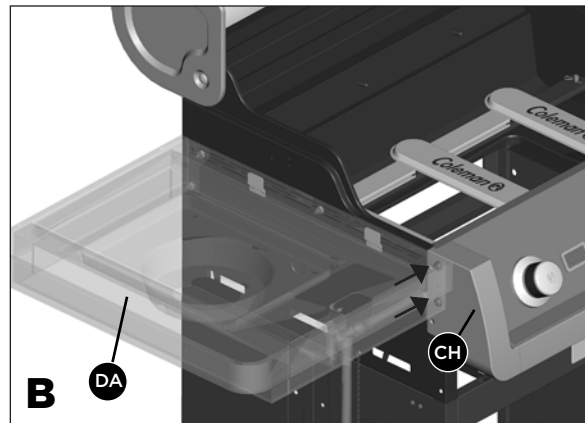
2	3	4	5
X 1	X 1	X 1	X 1
A			B

## ASSEMBLY INSTRUCTIONS

9



Front view

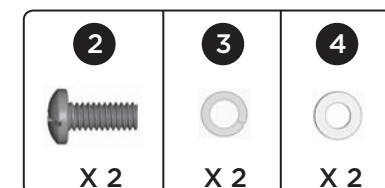


**TIP: Do not tighten until all hardware is in place.**

- a. Mount the left side burner side shelf (DA) onto the two hooks, located on the right, upper side panel of the burner box (BA).

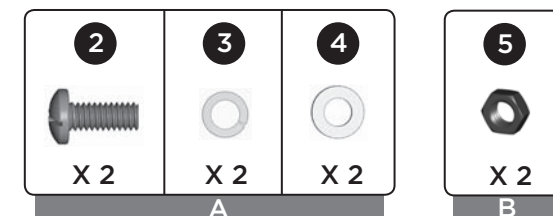
- b. Assemble the front of the left side burner side shelf assembly (DA) to the control panel (CH), as shown in figure B.

**YOU WILL NEED:**



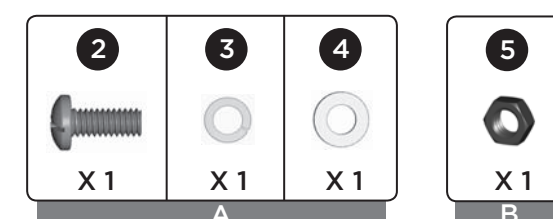
- c. Assemble the left side burner side shelf (DA) to the upper side panel of the burner box (BA), by positioning hardware through the interior of the burner box (BA), as shown in figure C.

**YOU WILL NEED:**



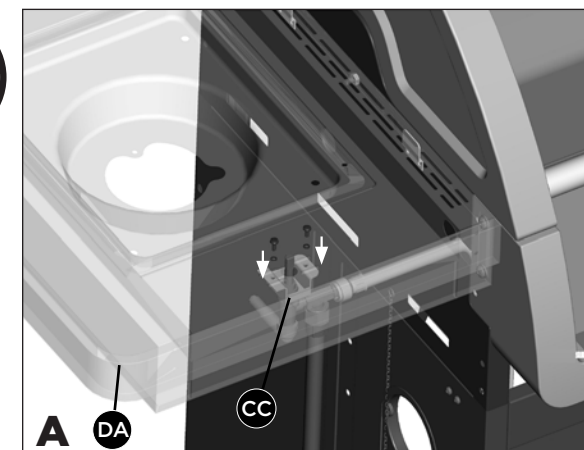
- d. Complete the left side burner side shelf assembly (DA) by connecting the side shelf to the rear of the burner box side panel (BA), as shown in figure D.

**YOU WILL NEED:**

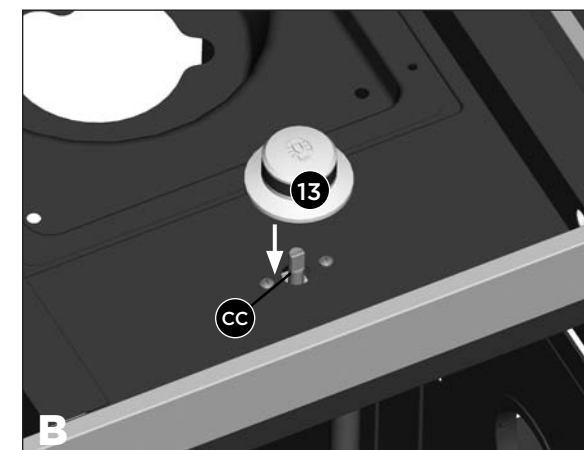


## ASSEMBLY INSTRUCTIONS

10

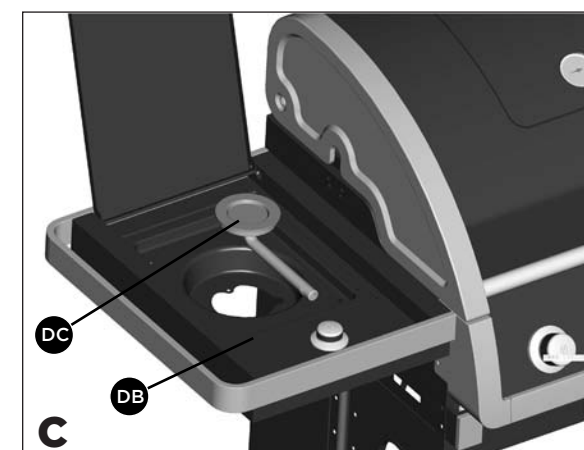


- a. Remove the hardware that is pre-assembled to the side burner valve (CC). Feed the side burner valve (CC) through the bottom of the left side burner side shelf (DA), and re-attach the hardware, as shown.

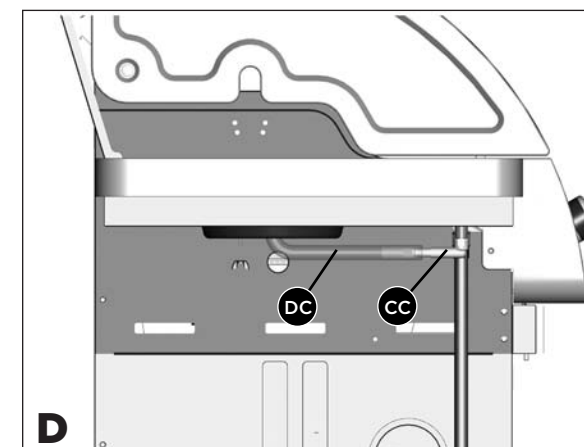


- b. Assemble the side burner control knob (#13) to the side burner valve (CC).

**YOU WILL NEED:**



- c. Position the side burner (DC) through the opening in the side burner drip pan (DB).

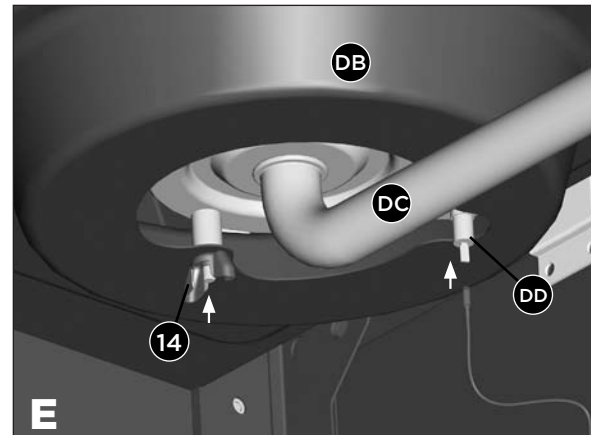


- d. Make sure that the side burner (DC) engages the side burner valve (CC), as shown in figure D.



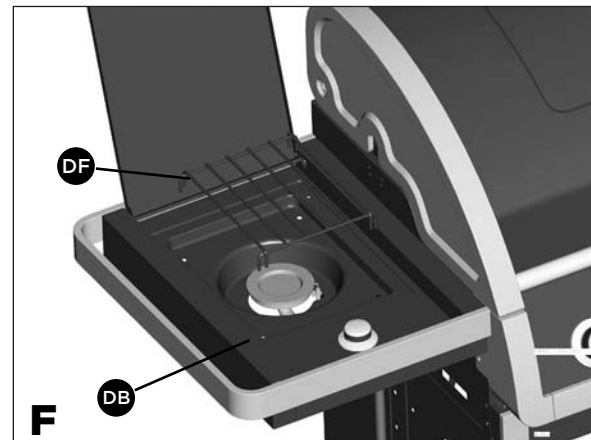
## ASSEMBLY INSTRUCTIONS

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- e. Using the wing nut (#14), assemble the side burner (DC) to the side burner drip pan (DB), as shown.

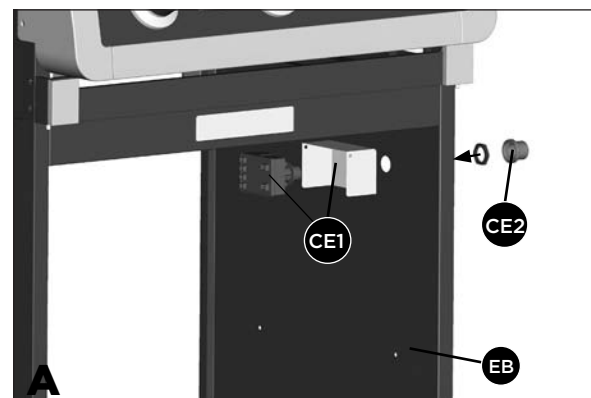
### YOU WILL NEED:



- f. Locate the side burner electrode wire (DD) and insert into the base of the side burner electrode (DC), as shown in figure E.

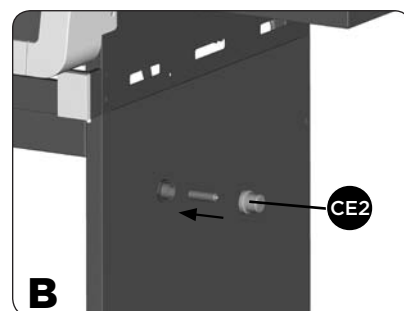
- g. Position the side burner cooking grate (DF) onto the side burner drip pan (DB).

11



- a. Remove the ignition battery cover (CE2) and the plastic nut from the electronic ignition box (CE1)

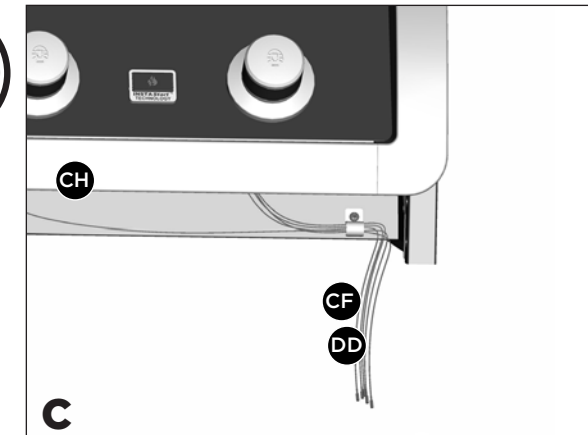
- b. Position the electronic ignition box (CE1) into the heat shield (CE1) and feed the assembly through the opening in the right side panel (EB) and secure using the nut.



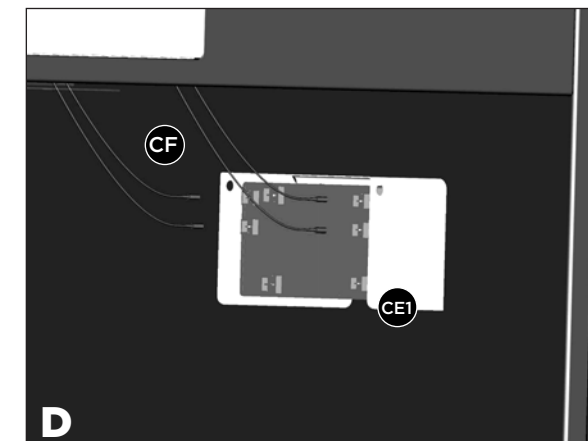
- c. Insert a "AA" battery into the battery compartment, as shown. Secure using the ignition button cover (CE2).

## ASSEMBLY INSTRUCTIONS

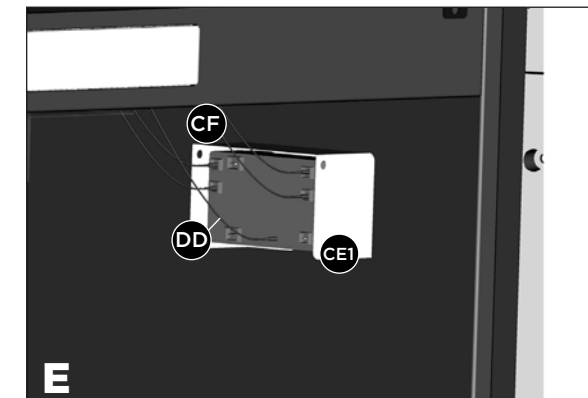
11



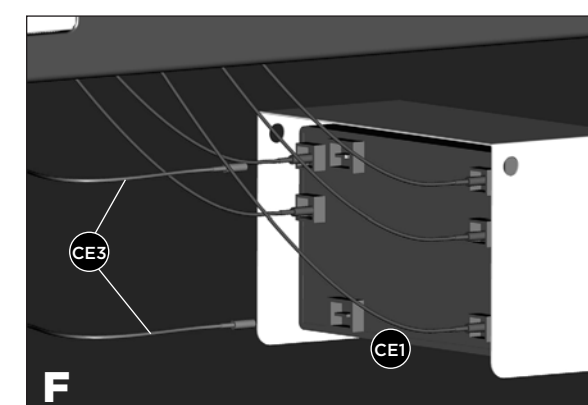
**TIP: The Electrode Set, main burner (CF) and the Electrode wire, side burner (DD), can be found attached to the control panel (CH) heat shield, as shown in figure C.**



- d. Insert the four Electrode set, main burner (CF) wires into the Electronic ignition assembly (CE1) as shown in figure D.



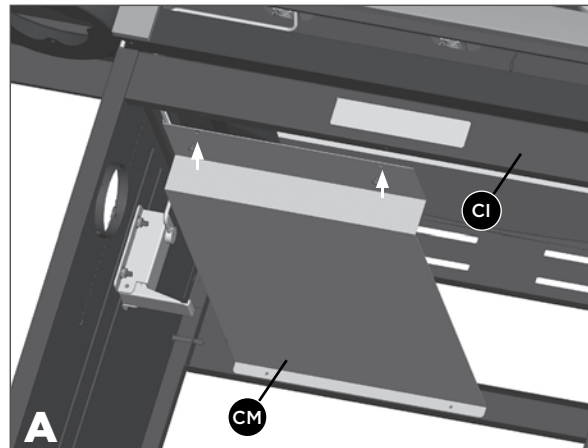
- e. Insert the Electrode wire, side burner (DD) into the Electronic ignition assembly (CE1), as shown in figure E.



- f. Insert the Instastart™ ignition button (CE3) wires into the Electronic ignition assembly (CE1), as shown in figure F.

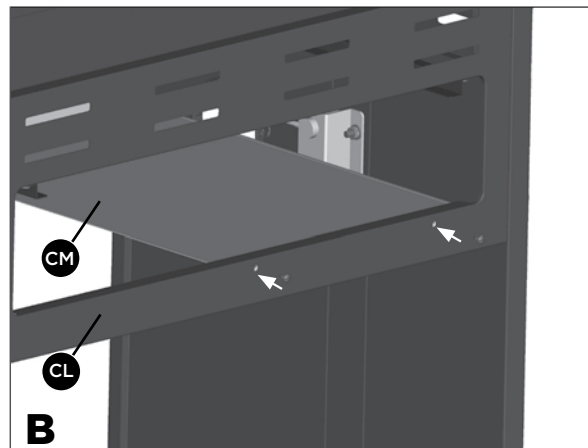
## ASSEMBLY INSTRUCTIONS

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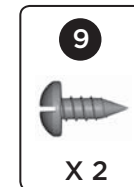
- a. Assemble the heat shield (CM) to the bottom of the front brace (CI) as shown in figure A.

### YOU WILL NEED:

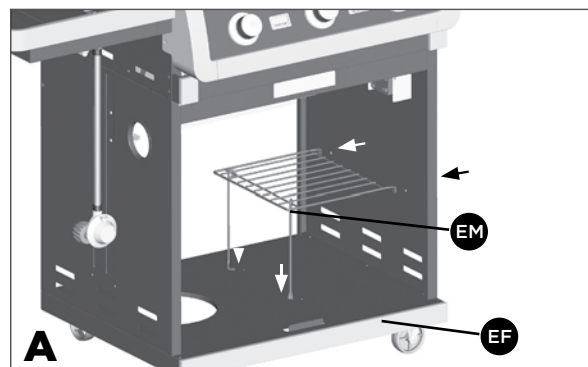


- b. Assemble the back of the heatshield (CM) to the upper back panel (CL), as shown in figure B.

### YOU WILL NEED:



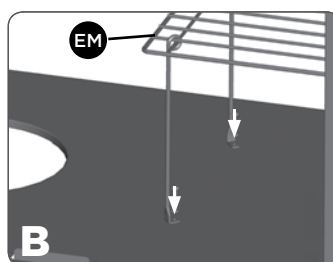
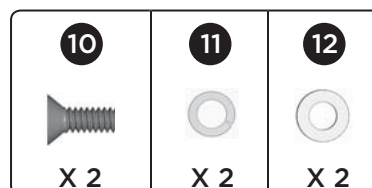
13



### PROPANE MODEL ONLY

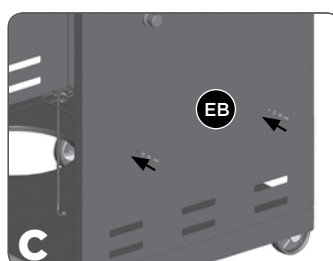
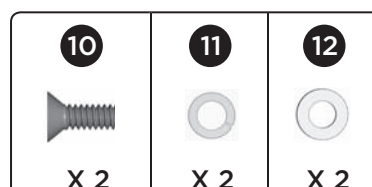
- a. Assemble the wire shelf (EM) to the bottom shelf (EF), as shown in figure A.

### YOU WILL NEED:



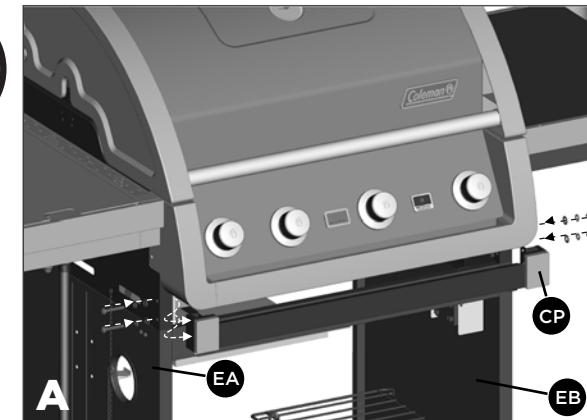
- b. Assemble the wire shelf (EM) to the right cart side panel (EB), as shown in figure C.

### YOU WILL NEED:

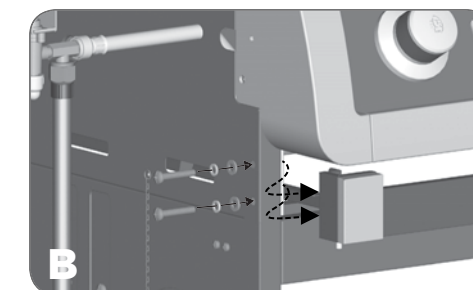


## ASSEMBLY INSTRUCTIONS

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Front, left side view

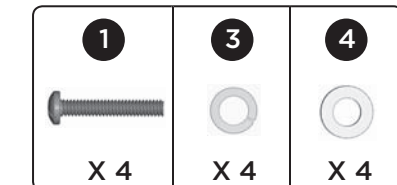


Close up, front view

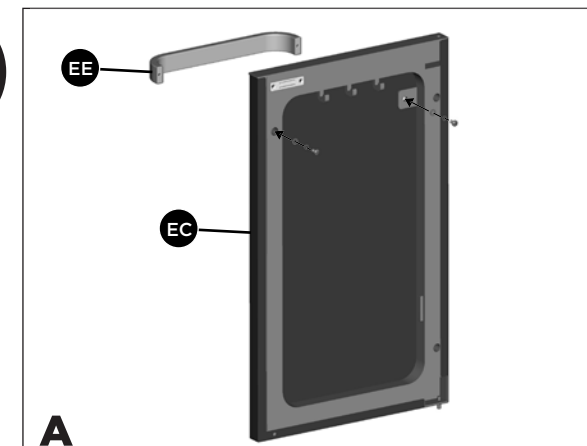
Assemble the door support rail (CP) to the left and right upper side panels (EA and EB), as shown.

**WARNING: This part may have sharp edges. Wear protective gloves when assembling.**

### YOU WILL NEED:



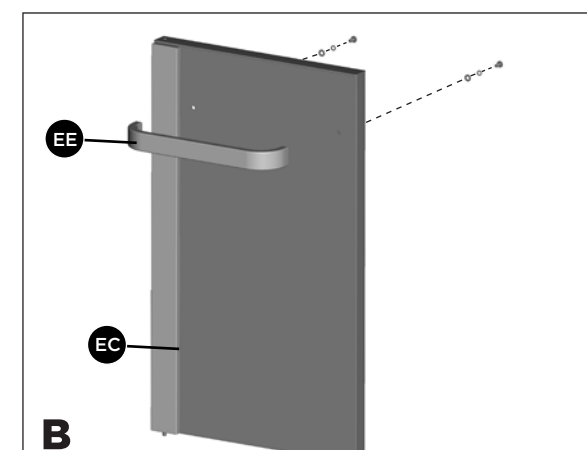
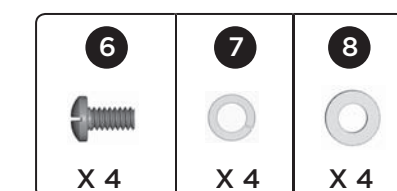
15



A

Assemble the door handle (EE) to the left and right door assembly (EC and ED) as shown in figure A and B.

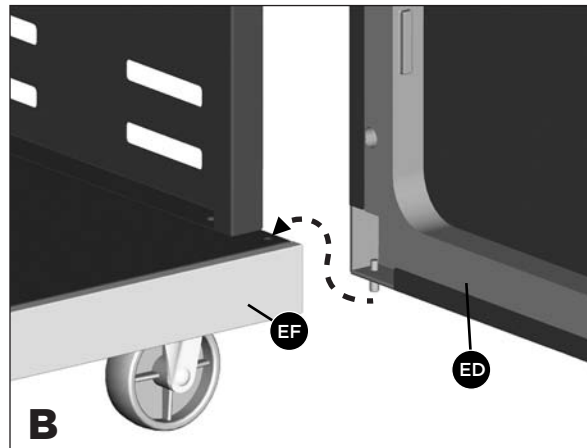
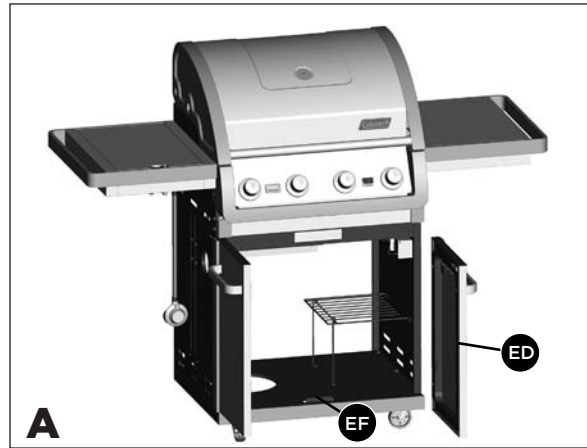
### YOU WILL NEED:



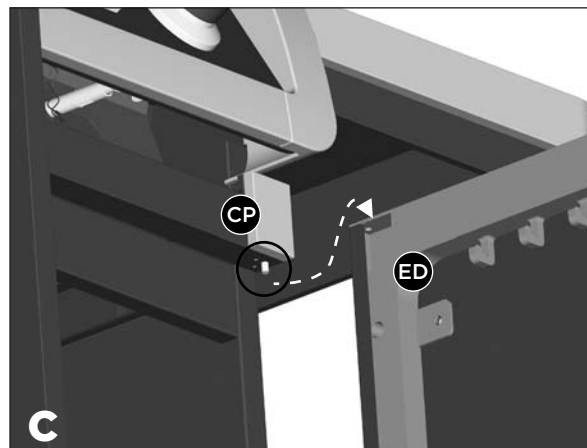
B

## ASSEMBLY INSTRUCTIONS

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Bottom of door



Top of door

### PROPANE MODEL SHOWN

- Assemble the right door assembly (ED), to the bottom shelf (EF) by inserting the fixed pin (bottom of door) into the hole provided (figure B).

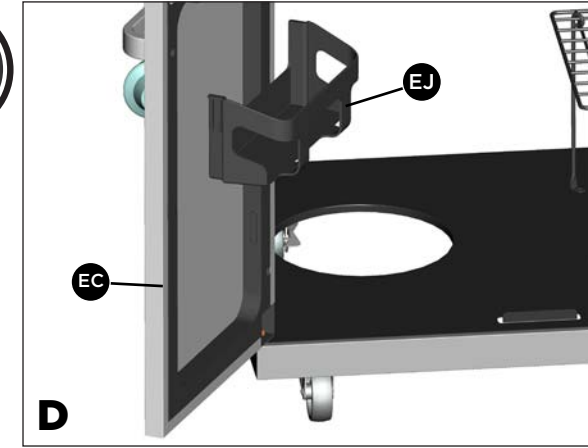
- Assemble the top of the door assembly (ED) to the door support rail (CP), by pressing in the door support pin and aligning with the hole located on the top right corner of the door.

TIP: Use a paint scraper to press-in the support pin, while the second person aligns the door. The support pin will lock into position when the door is assembled correctly.

- Repeat steps a, and b for the left door assembly (EC).

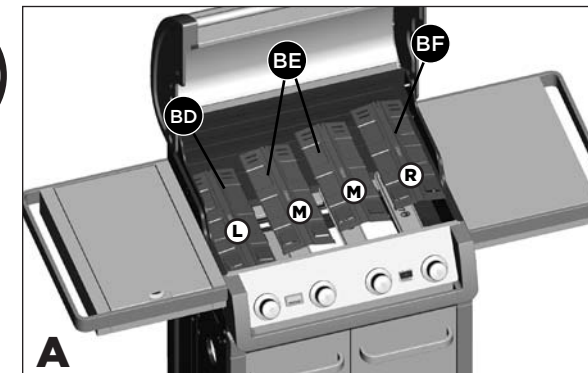
## ASSEMBLY INSTRUCTIONS

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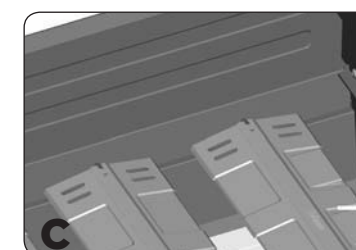
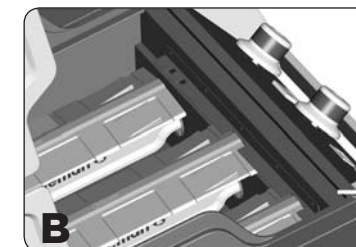
- Slide the condiment baskets (EJ) into the left and right door assembly (EC and ED), as shown.

17



Position the Even Heat™ heat distribution plates (BD, BE and BF) into the burner box (BA) as shown.

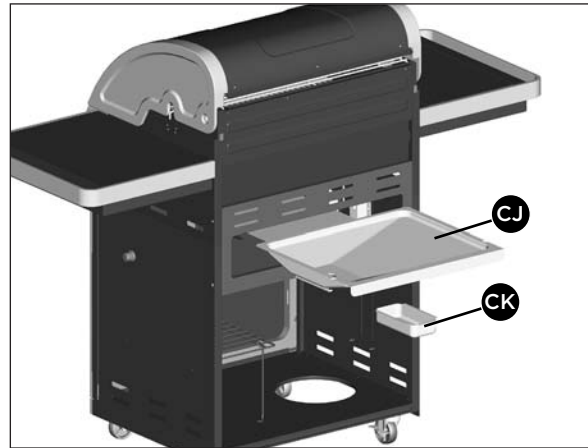
Note: For optimal heat distribution, position the heat distribution plates as indicated in figure A. Each heat distribution plate will have a letter embossed to indicate L-left, M-Middle, and R- Right.





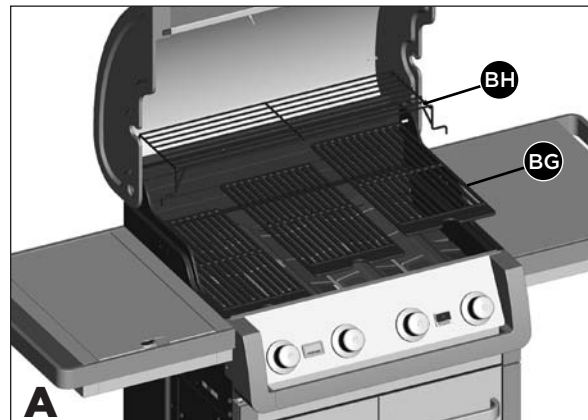
## ASSEMBLY INSTRUCTIONS

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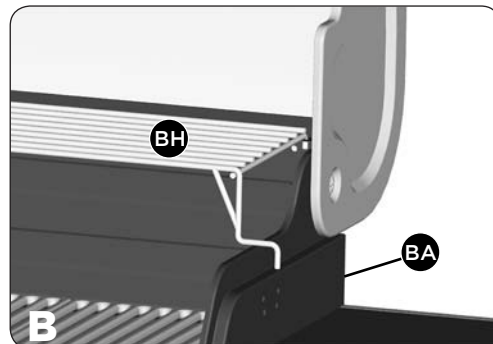


- Position the QUICK CLEAN™ grease tray (CJ) onto the right and left tracks (CN and CO), as shown.
- Position the QUICK CLEAN™ grease cup (CK) in position under the under the QUICK CLEAN™ grease tray (CJ).

19



- Assemble the warming rack (BH) by inserting the three fixed pins into the three holes provided on the burner box back panel (BA), as shown in Figure A and B



- Place the cooking grates (BG) into the burner box (BA), as shown in figure A.

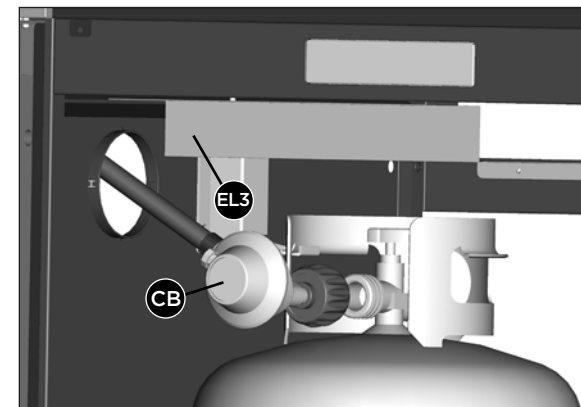
## ASSEMBLY INSTRUCTIONS

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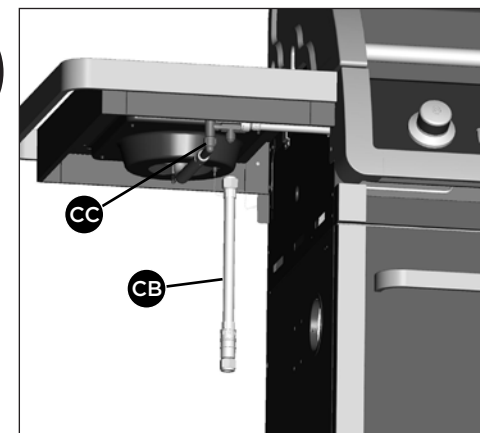
**FOR PROPANE MODEL ONLY.**  
For natural gas model, follow step 21.

- Feed the regulator (CB) through the opening on the left side panel (EA).
- Mount the 20lb propane cylinder onto the Quick Check™ tank support bracket (EL3), located on the inside of the left side panel (EA).
- Attach the regulator (CB) coupling nut to the propane cylinder valve.



**⚠ ATTENTION:**  
**DO NOT STORE EXTRA PROPANE TANKS WITHIN BBQ CART.**

21



**FOR NATURAL GAS MODEL ONLY.**

Attach the natural gas hose (CB) to the side burner valve (CC), as shown.

**⚠ ATTENTION:** In order to complete installation of your Natural Gas BBQ a 1/2" or 3/8" adapter may be required to connect your BBQ's Natural gas hose to your home gas supply. Contact your natural gas supplier to purchase the necessary part.

**NOTE: EXTRA HARDWARE WILL BE LEFT OVER FOR NATURAL GAS MODEL.**

## ADDITIONAL WARNINGS

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

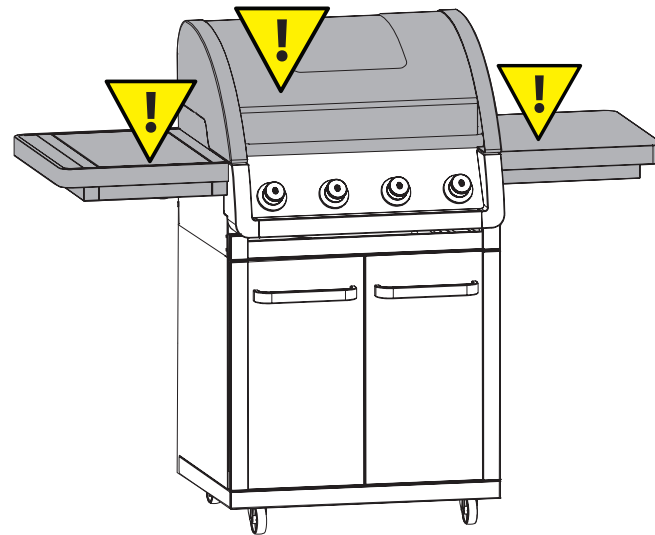
### NEXT STEPS:

1. Position your BARBECUE
2. Read SAFETY & 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 SAFETY AND CARE MANUAL. ALL SAFETY AND LEAK TESTS MUST BE PERFORMED BY THE END USER, PRIOR TO LIGHTING THIS BBQ.

#### ⚠ WARNING HOT SURFACES:



[WWW.COLEMANBBQS.COM](http://WWW.COLEMANBBQS.COM)

## 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 fire-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 store 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.