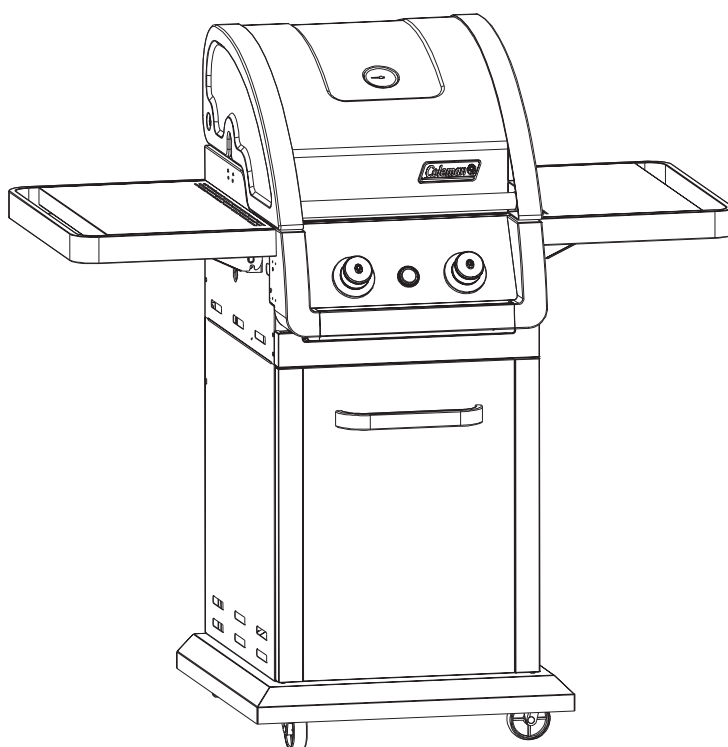




**DURABILITY • POWER • PERFORMANCE**

# **EVEN HEAT™ BARBECUE**

## **SMALL SPACES**



## **ASSEMBLY MANUAL**

85-3046-2 (G35301) Propane  
85-3047-0 (G35302) 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.

## HARDWARE PACK

### TOOLS NEEDED FOR ASSEMBLY

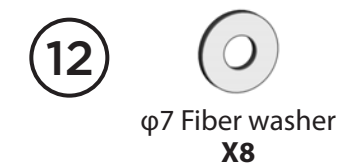
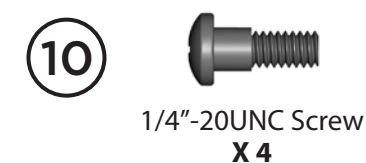
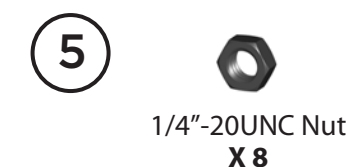
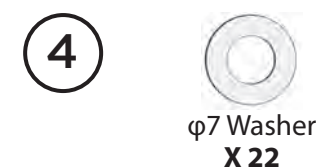
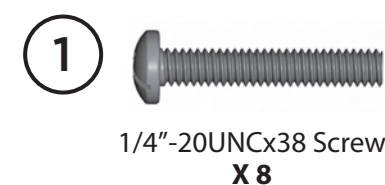
- #2 Phillips screwdriver (long and short)
- 1/4" Slotted screwdriver (long and short)
- Adjustable wrench
- Pliers

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 | 14   |
| 3   | ø7 Lock Washer         | 41400-07000-250 | 18   |
| 4   | ø7 Washer              | 40300-07000-250 | 22   |
| 5   | 1/4"-20UNC Nut         | 30220-13000-250 | 8    |
| 6   | NO.10-24UNCx13 Screw   | 20124-10013-250 | 4    |
| 7   | ø5 Lock Washer         | 41400-05000-250 | 4    |
| 8   | ø5 Washer              | 40300-05000-250 | 4    |
| 9   | ST4.2x10 Tapping Screw | 22500-42010-137 | 6    |
| 10  | 1/4"-20UNC Screw       | G353-0014-9000  | 4    |
| 11  | U Pin                  | G350-0026-9000  | 1    |
| 12  | ø7 Fiber Washer        | G501-0054-9100  | 8    |

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



THIS BARBECUE IS FOR OUTDOOR USE ONLY

CONTACT CALL CENTRE IF ANY PARTS ARE MISSING

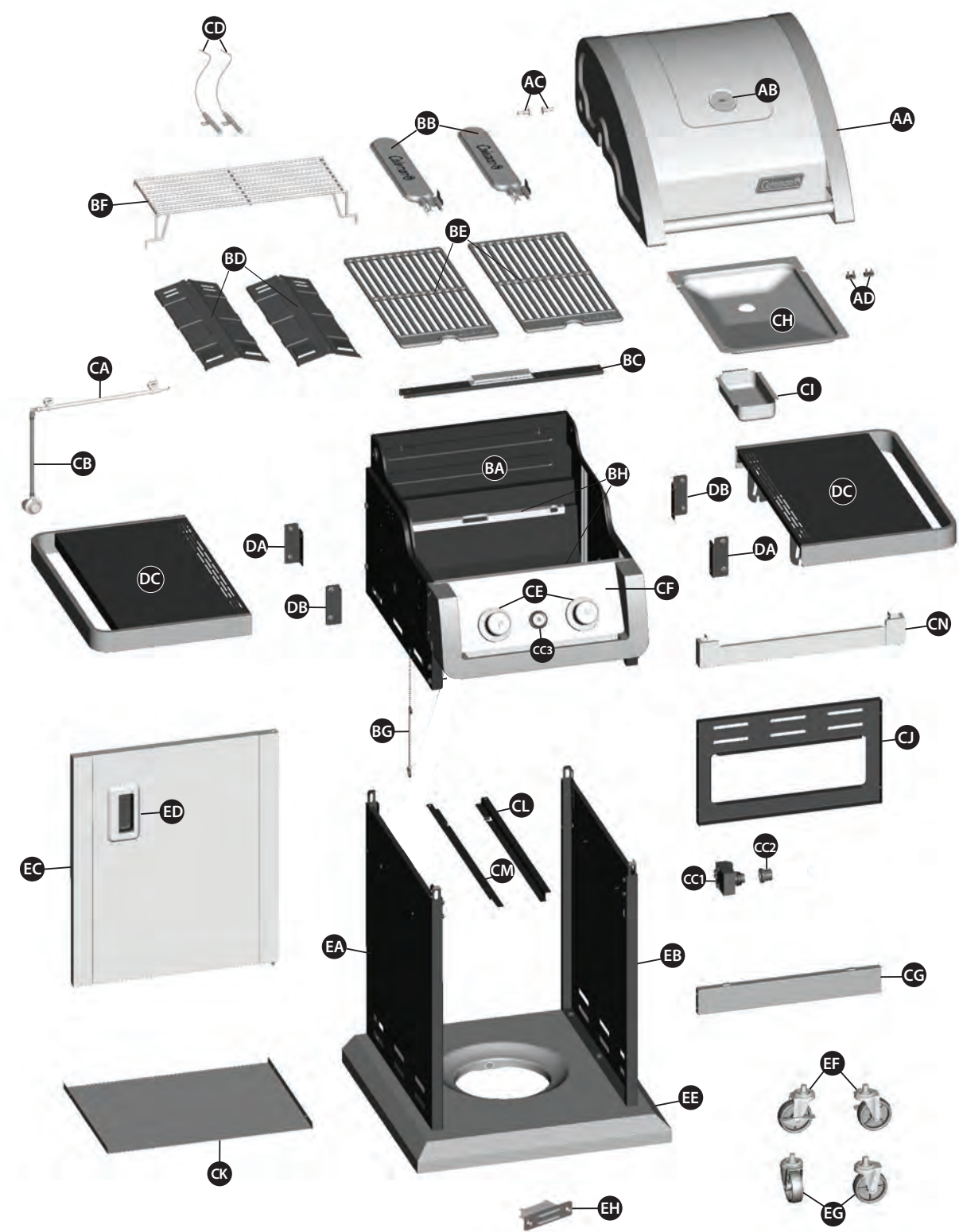
1-800-275-4617

PARTS LIST (PROPANE) FOR 85-3046-2 (G35301)

| Item No. | Qty. | Description                        | Part No.     |
|----------|------|------------------------------------|--------------|
| AA       | 1    | Top lid assembly                   | G353-2000-01 |
| AB       | 1    | Thermometer                        | G522-0062-01 |
| AC       | 2    | Screw for top lid                  | G433-0002-01 |
| AD       | 2    | Lid bumper                         | G508-0063-01 |
| BA       | 1    | Burner box assembly                | G353-3100-01 |
| BB       | 2    | Even Heat™ burners                 | G522-4900-01 |
| BC       | 1    | Carryover assembly                 | G353-0005-01 |
| BD       | 2    | Even Heat™ heat distribution plate | G522-0072-01 |
| BE       | 2    | Coleman® signature cooking grate   | G522-0023-01 |
| BF       | 1    | Warming rack                       | G350-0009-01 |
| BG       | 1    | Match holder                       | G608-0019-01 |
| BH       | 2    | Brace, Heat Distribution Plate     | G353-0020-01 |
| CA       | 1    | Manifold assembly-LP               | G353-3300-01 |
| CB       | 1    | Regulator                          | G513-0017-01 |
| CC1      | 1    | Electronic ignition assembly       | G350-0017-01 |
| CC2      | 1    | Ignition battery cover             | G515-0030-01 |
| CC3      | 1    | Instastart™ ignition button        | G353-0009-01 |
| CD       | 2    | Electrode set, main burner         | G522-0020-03 |
| CE       | 2    | Control knob                       | G522-2700-01 |
| CF       | 1    | Control panel                      | G353-0006-01 |
| CG       | 1    | Front brace                        | G353-0010-01 |
| CH       | 1    | Quick Clean™ grease tray           | G353-0700-01 |
| CI       | 1    | Quick Clean™ grease cup            | G416-0015-01 |
| CJ       | 1    | Upper back panel                   | G353-0011-01 |
| CK       | 1    | Heat shield                        | G353-0021-01 |
| CL       | 1    | Right track                        | G522-0043-01 |
| CM       | 1    | Left track                         | G522-0027-01 |
| CN       | 1    | Door support rail                  | G353-5000-01 |

| Item No. | Qty. | Description                   | Part No.     |
|----------|------|-------------------------------|--------------|
| DA       | 2    | Support bracket A, side shelf | G535-1800-01 |
| DB       | 2    | Support bracket B, side shelf | G353-1900-01 |
| DC       | 2    | Side shelf                    | G353-6000-01 |
| EA       | 1    | Left side panel               | G353-0300-01 |
| EB       | 1    | Right side panel              | G353-0400-01 |
| EC       | 1    | Door assembly                 | G353-7000-01 |
| ED       | 1    | Door handle                   | G415-0001-02 |
| EE       | 1    | Bottom shelf-LP               | G353-0500-01 |
| EF       | 2    | Locking castor                | G350-0023-01 |
| EG       | 2    | Castor                        | G350-0024-01 |
| EH       | 1    | Door magnet assembly          | G501-00F2-02 |
| F1       | 1    | Hardware pack                 | G353-B001-01 |
| F2       | 1    | Assembly manual               | G353-M001-01 |
| F3       | 1    | Safe use and care manual      | G353-M001-02 |
| F4       | 1    | Tank Screw                    | G505-0047-01 |

EXPLODED DIAGRAM (PROPANE) FOR 85-3046-2 (G35301)



Extras

|                     |                       |                            |                  |
|---------------------|-----------------------|----------------------------|------------------|
| Hardware Pack<br>F1 | Assembly Manual<br>F2 | Safety & Care Manual<br>F3 | Tank Screw<br>F4 |
|---------------------|-----------------------|----------------------------|------------------|

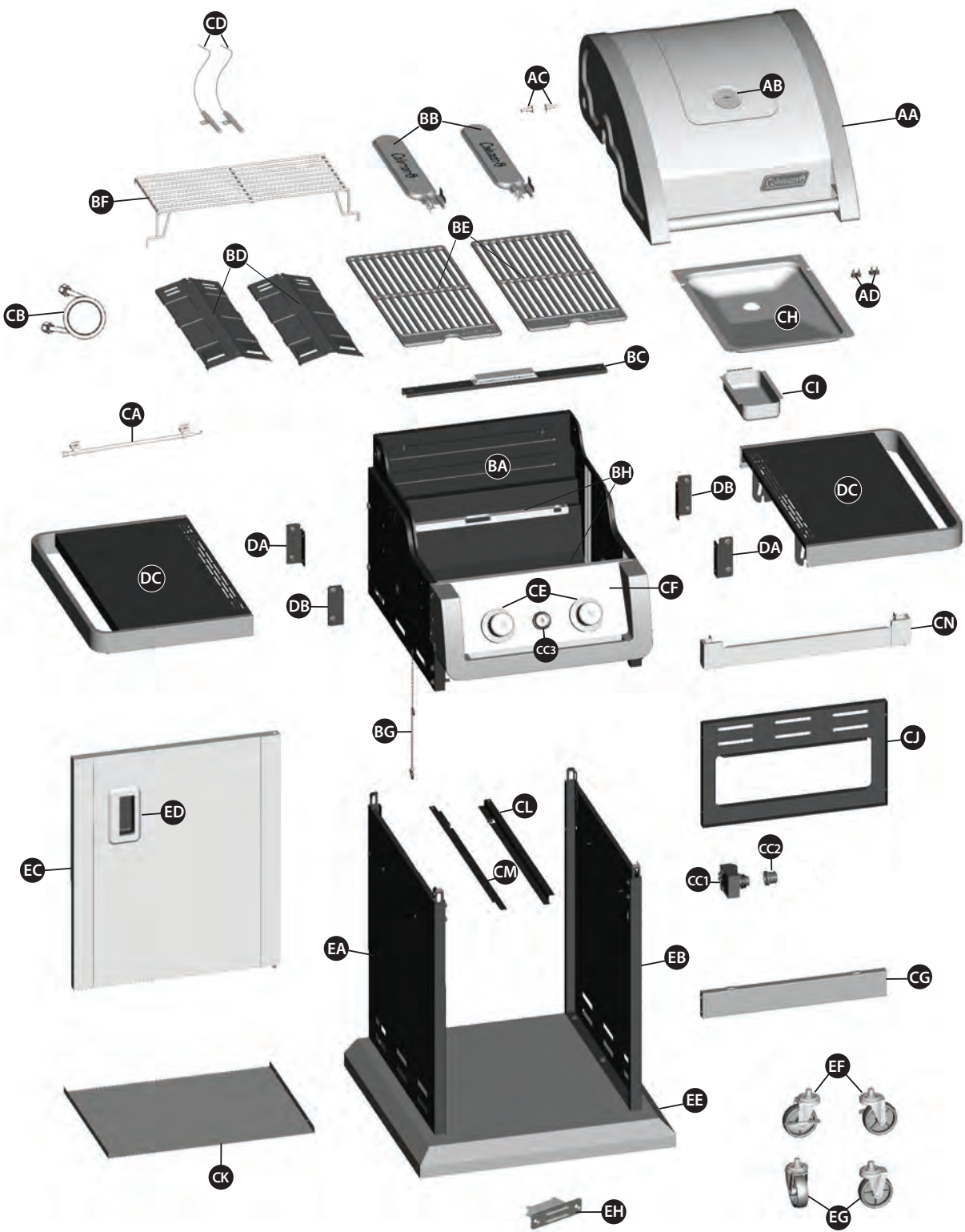


PARTS LIST (NATURAL GAS) FOR 85-3047-0 (G35302)

| Item No. | Qty. | Description                        | Part No.     |
|----------|------|------------------------------------|--------------|
| AA       | 1    | Top lid assembly                   | G353-2000-01 |
| AB       | 1    | Thermometer                        | G522-0062-01 |
| AC       | 2    | Screw for top lid                  | G433-0002-01 |
| AD       | 2    | Lid bumper                         | G508-0063-01 |
|          |      |                                    |              |
| BA       | 1    | Burner box assembly                | G353-3100-01 |
| BB       | 2    | Even Heat™ burners                 | G522-4900-01 |
| BC       | 1    | Carryover assembly                 | G353-0005-01 |
| BD       | 2    | Even Heat™ heat distribution plate | G522-0072-01 |
| BE       | 2    | Coleman® signature cooking grate   | G522-0023-01 |
| BF       | 1    | Warming rack                       | G350-0009-01 |
| BG       | 1    | Match holder                       | G608-0019-01 |
| BH       | 2    | Brace, Heat Distribution Plate     | G353-0020-01 |
|          |      |                                    |              |
| CA       | 1    | Manifold assembly-NG               | G353-3600-01 |
| CB       | 1    | Natural Gas Hose                   | G501-0099-01 |
| CC1      | 1    | Electronic ignition assembly       | G350-0017-01 |
| CC2      | 1    | Ignition battery cover             | G515-0030-01 |
| CC3      | 1    | Instastart™ ignition button        | G353-0009-01 |
| CD       | 2    | Electrode set, main burner         | G522-0020-03 |
| CE       | 2    | Control knob                       | G522-2700-01 |
| CF       | 1    | Control panel                      | G353-0006-01 |
| CG       | 1    | Front brace                        | G353-0010-01 |
| CH       | 1    | Quick Clean™ grease tray           | G353-0700-01 |
| CI       | 1    | Quick Clean™ grease cup            | G416-0015-01 |
| CJ       | 1    | Upper back panel                   | G353-0011-01 |
| CK       | 1    | Heat shield                        | G353-0021-01 |
| CL       | 1    | Right track                        | G522-0043-01 |
| CM       | 1    | Left track                         | G522-0027-01 |
| CN       | 1    | Door support rail                  | G353-5000-01 |

| Item No. | Qty. | Description                          | Part No.     |
|----------|------|--------------------------------------|--------------|
| DA       | 2    | Support Plate Assembly A, side shelf | G535-1800-01 |
| DB       | 2    | Support Plate Assembly B, side shelf | G353-1900-01 |
| DC       | 2    | Side shelf                           | G353-6000-01 |
|          |      |                                      |              |
| EA       | 1    | Left side panel                      | G353-0300-01 |
| EB       | 1    | Right side panel                     | G353-0400-01 |
| EC       | 1    | Door assembly                        | G353-7000-01 |
| ED       | 1    | Door handle                          | G415-0001-02 |
| EE       | 1    | Bottom shelf-NG                      | G353-0800-01 |
| EF       | 2    | Locking castor                       | G350-0023-01 |
| EG       | 2    | Castor                               | G350-0024-01 |
| EH       | 1    | Door magnet assembly                 | G501-00F2-02 |
|          |      |                                      |              |
| F1       | 1    | Hardware pack                        | G353-B001-01 |
| F2       | 1    | Assembly manual                      | G353-M001-01 |
| F3       | 1    | Safe use and care manual             | G353-M001-02 |

EXPLODED DIAGRAM (NATURAL GAS) FOR 85-3047-0 (G35302)

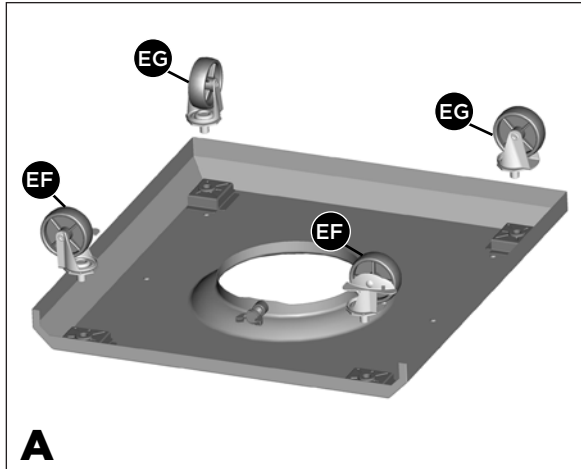


Extras

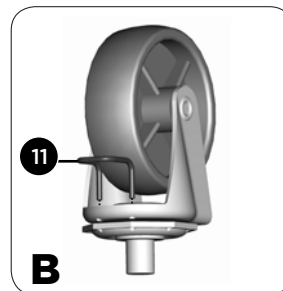
- Hardware Pack  
F1
- Assembly Manual  
F2
- Safety & Care Manual  
F3

## ASSEMBLY INSTRUCTIONS

1



Upside down view



Close up

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

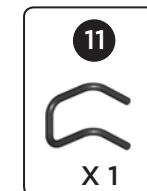
To tighten castors insert the Pin (#11) into one of the Regular Castors (EF), as shown in image B.

Attach the regular castor (EG) to the front of the bottom shelf (EE), and use the Pin (#11) to secure and tighten.

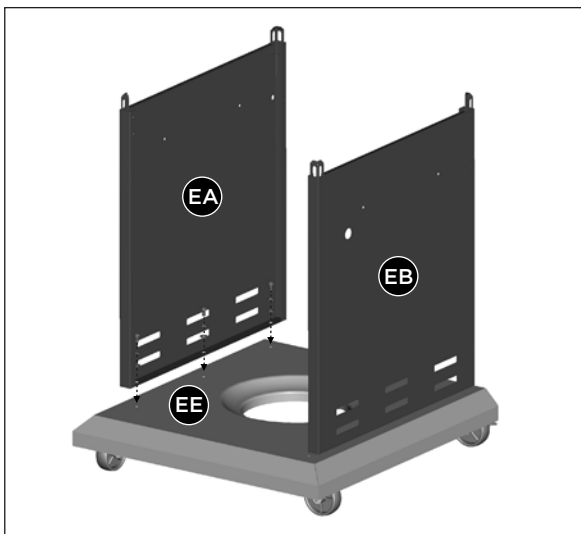
Repeat for remaining 3 castors (EF & EG).

**NOTE:** Regular castors (EG) need to be assembled to the front of the bottom shelf (EE), and locking castors (EF) need to be assembled to the back of the bottom shelf (EE), as shown in image A.

**YOU WILL NEED:**



2

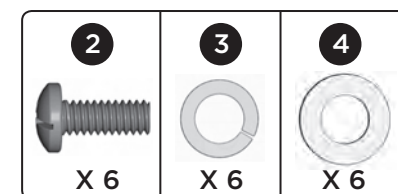


Front view

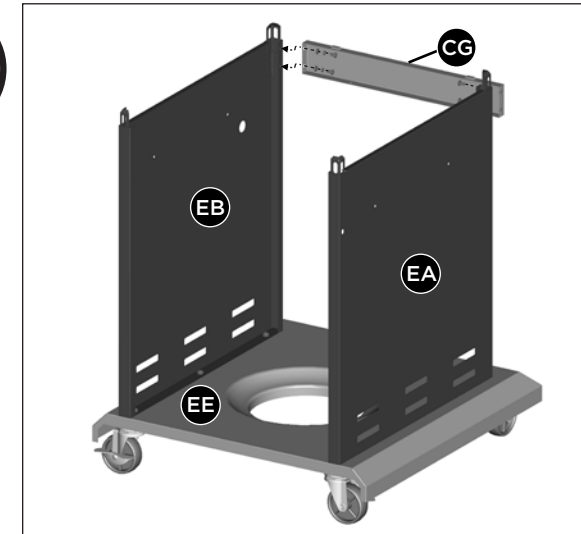
Ensure that the locking castors (EF) are firmly locked in the "ON" position before continuing.

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

**YOU WILL NEED:**



3

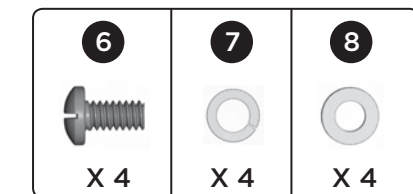


Back view

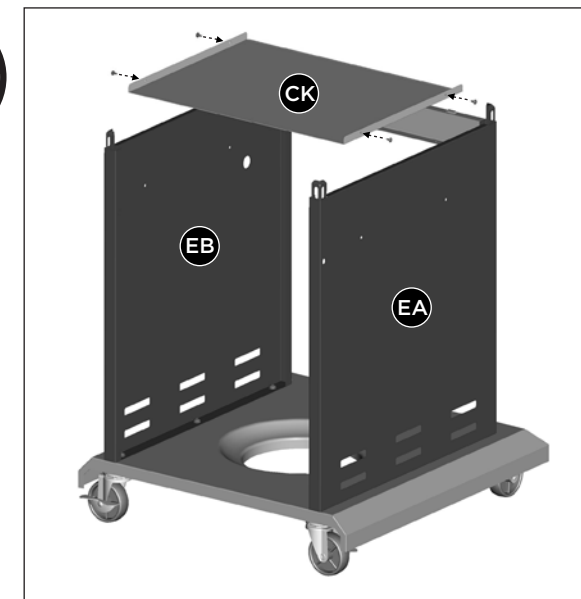
Attach the front brace (CG) to the left and right cart side panels (EA & EB). The top of the front brace (CG) can be identified by two clips located on the top left, and right side of this part.

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

**YOU WILL NEED:**



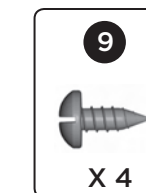
4



Back view

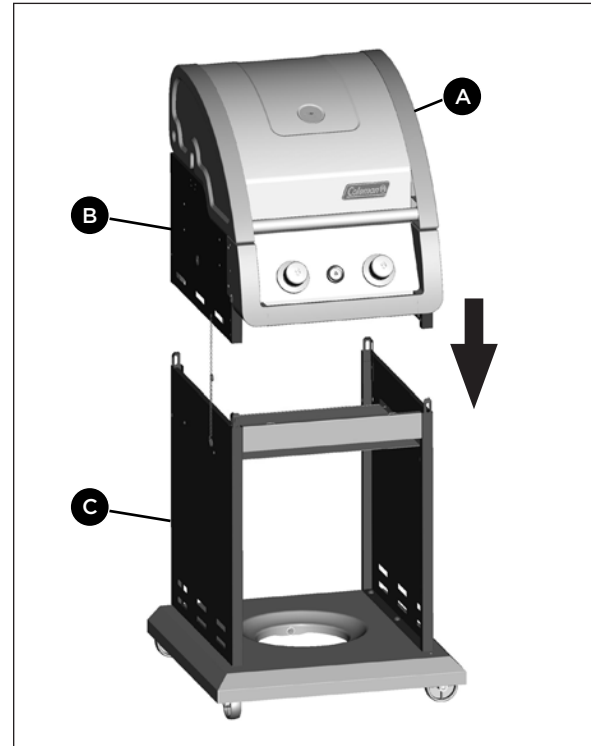
Assemble the Heat Shield (CK) to the left and right side panel (EA & EB).

**YOU WILL NEED:**



## ASSEMBLY INSTRUCTIONS

5

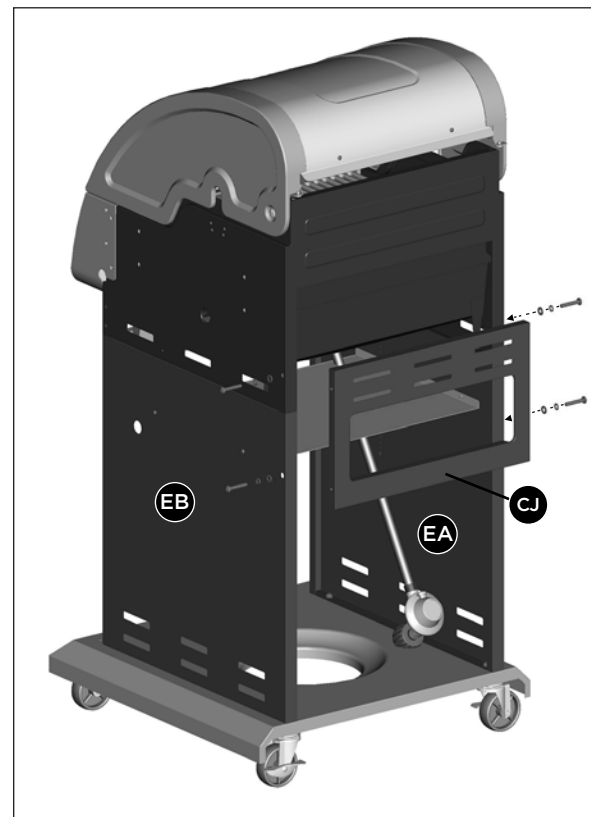


Front view

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

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

6

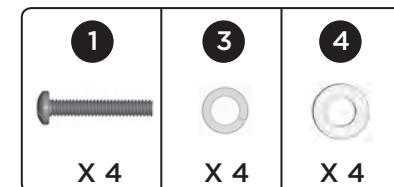


Back view

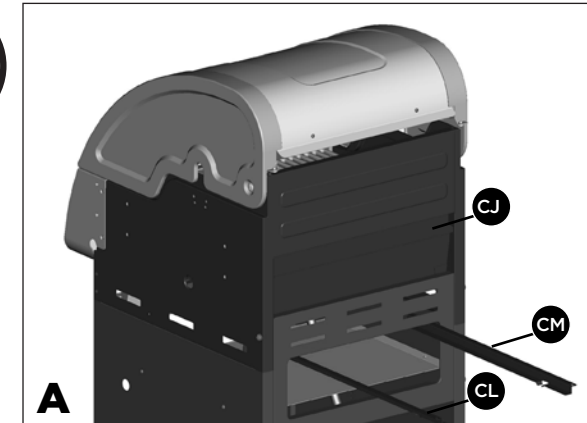
Attach the upper back panel (CJ) to both the left and right side panels (EA & EB).

DO NOT tighten screws until all hardware has been positioned.

**YOU WILL NEED:**

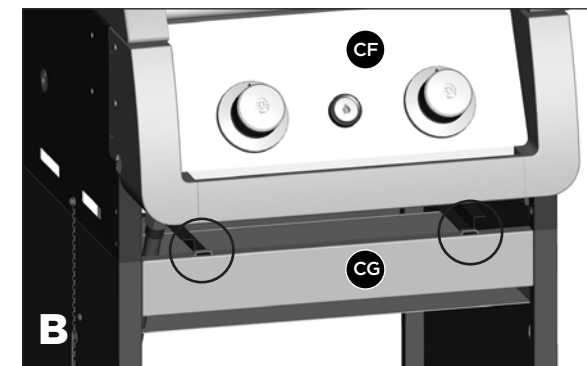


7



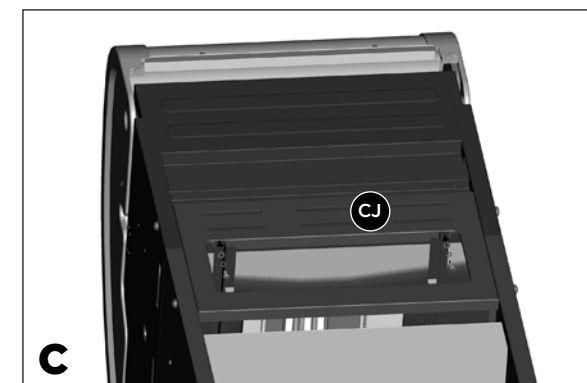
Back view

Assemble the left and right tracks (CL and CM) for the Quick Clean™ grease tray (CH), as shown in figure A, B and C.



Front view

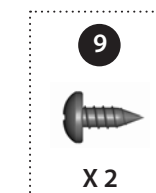
**TIP:** Both the left and right tracks (CL and CM) should be inserted into the two clips located on the front brace (CG), as shown in figure B.



Back view

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

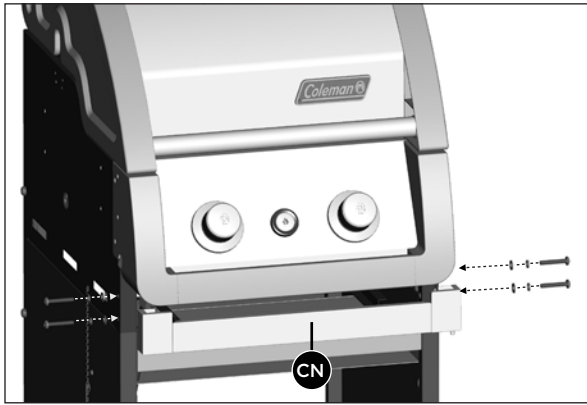
**YOU WILL NEED:**





# ASSEMBLY INSTRUCTIONS

8



Front view

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

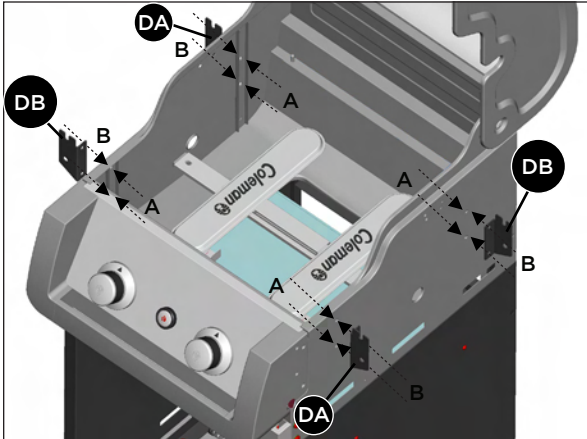
**⚠ WARNING:** This part may have sharp edges. Wear protective gloves when assembling.

**YOU WILL NEED:**

|     |     |     |
|-----|-----|-----|
| 1   | 3   | 4   |
|     |     |     |
| X 4 | X 4 | X 4 |

# ASSEMBLY INSTRUCTIONS

9



Front view



Support Position

## Left and Right side shelf assembly

a. Assemble the side shelf support bracket A (DA-front) and side shelf support bracket B (DB- back) to the right upper side panel of the burner box.

**YOU WILL NEED:**

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 2   | 12  | 4   | 3   | 5   |
|     |     |     |     |     |
| X 2 | X 2 | X 2 | X 2 | X 2 |
| A   |     | B   |     |     |

b. Assemble the side shelf support bracket A (DA-back) and side shelf support bracket B (DB- front)to the left upper side panel of the burner box.

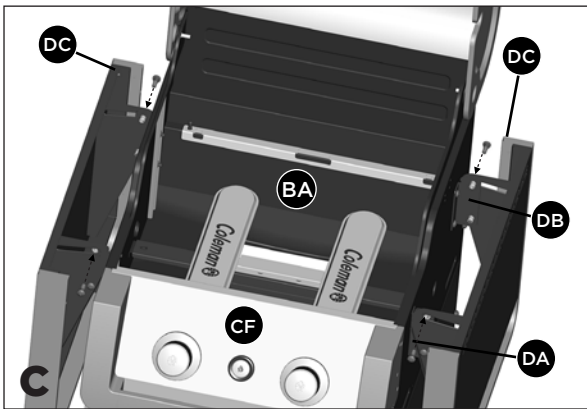
**YOU WILL NEED:**

|     |     |     |     |     |
|-----|-----|-----|-----|-----|
| 2   | 12  | 4   | 3   | 5   |
|     |     |     |     |     |
| X 2 | X 2 | X 2 | X 2 | X 2 |
| A   |     | B   |     |     |

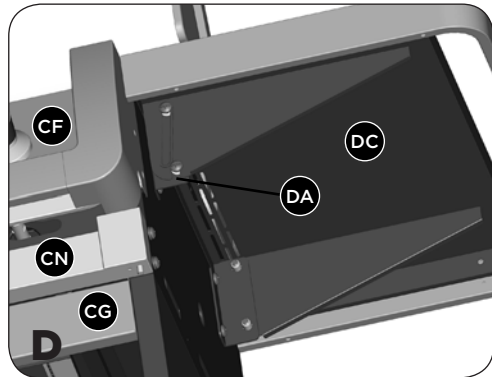
c. Assemble the left and right side shelves (DC) to the side shelf support brackets (DA and DB)

**YOU WILL NEED:**

|     |
|-----|
| 10  |
|     |
| X 4 |



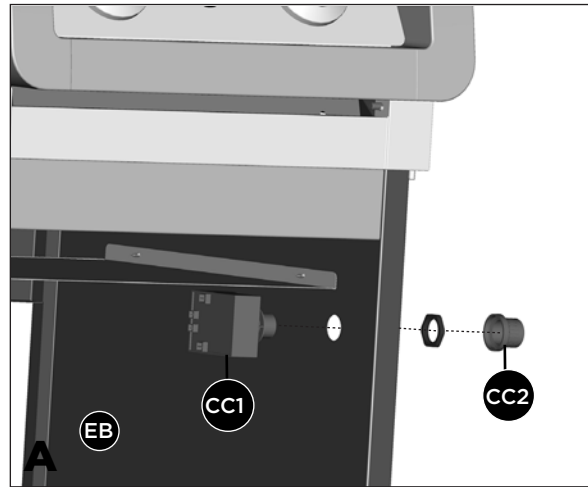
Front view



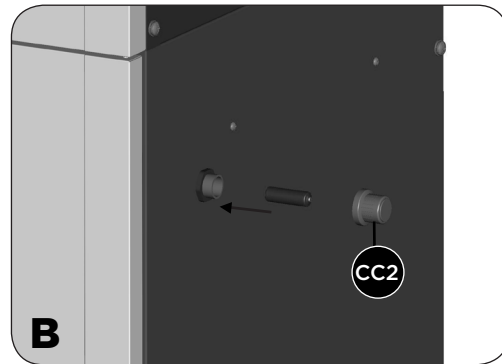
Close up, right side shelf

## ASSEMBLY INSTRUCTIONS

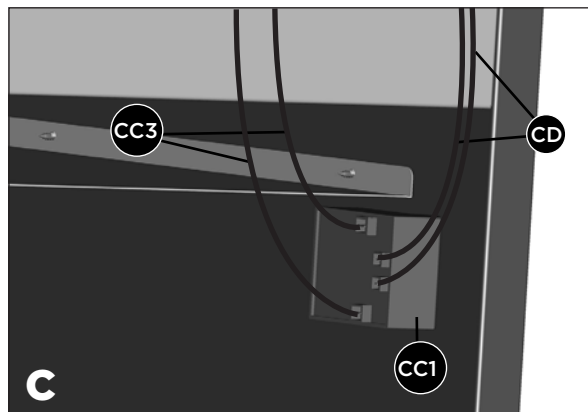
10



Right side panel, inside view



Right side panel, outside view

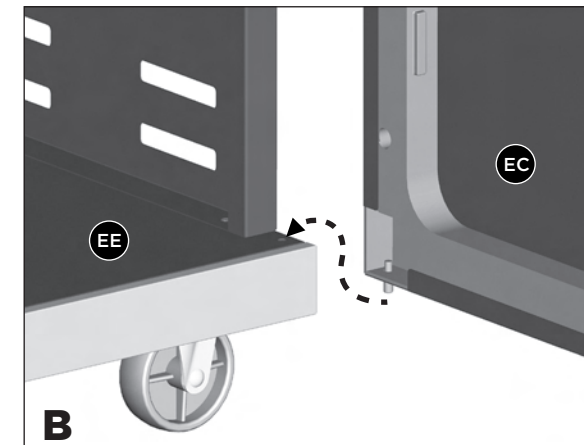
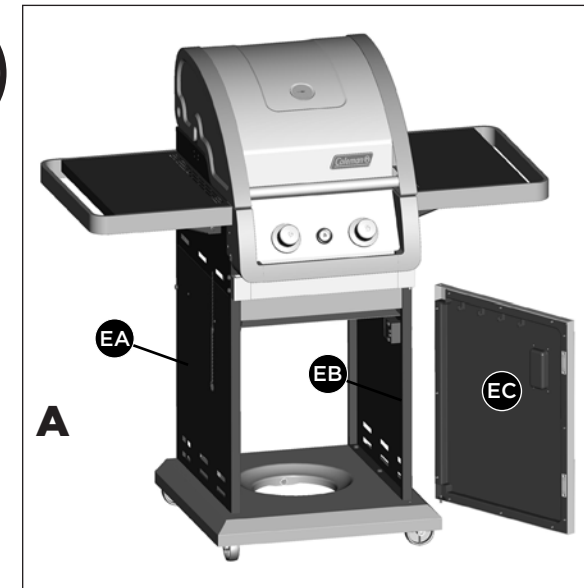


Right side panel, inside view

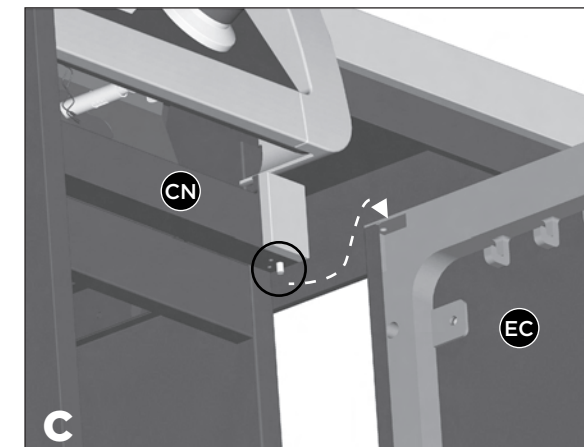
### Electronic Ignition Assembly

- Remove the ignition battery cover (CC2) and the plastic nut from the electronic ignition box (CC1).
  - Position the electronic ignition box (CC1) through the opening in the right side panel (EB) and secure using the nut.
  - Insert an “AA” battery into the battery compartment, as shown. Secure using the ignition button cover (CC2).
  - Insert the two Electrode set, main burner (CD) wires into the Electronic ignition assembly (CC1) as shown.
- NOTE: All main burner electrode wire connection points are the same size.**
- Insert the Instastart™ ignition button (CC3) wires into the Electronic ignition assembly (CC1), as shown in figure C.

11



Bottom of door



Top of door

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

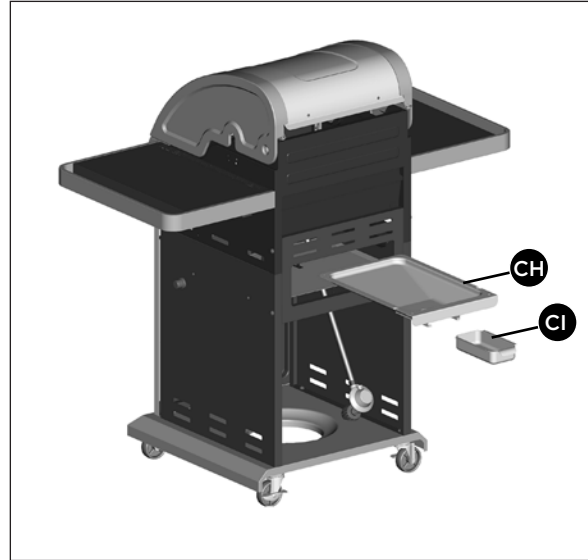
- Assemble the top of the door assembly (EC) to the door support rail (CN), by pressing in the door support pin and aligning with the hole located on the top right corner of the door.

**Tip:** Use a paint scraper to press-in the support pin. The support pin will lock into position when the door is assembled correctly.



## ASSEMBLY INSTRUCTIONS

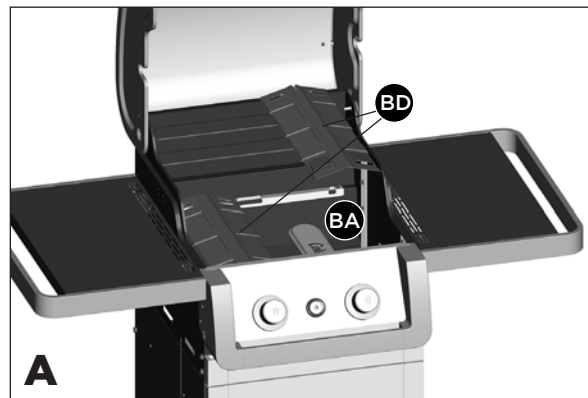
12



Back view

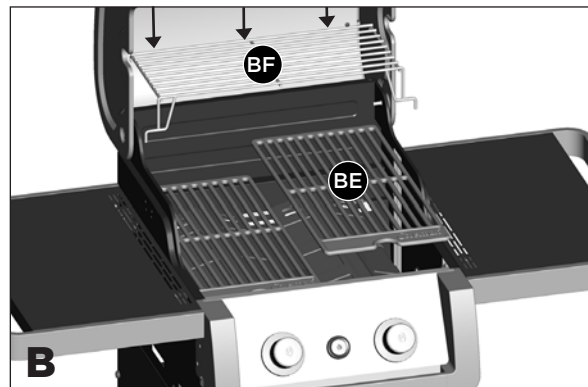
- Position the Quick Clean™ grease tray (CH) onto the right and left tracks (CL and CM), as shown.
- Position the QUICK CLEAN™ grease cup (CI) in position under the under the QUICK CLEAN™ grease tray (CH).

13



A

- Position the Even Heat™ heat distribution plates (BD) into the burner box (BA) as shown.

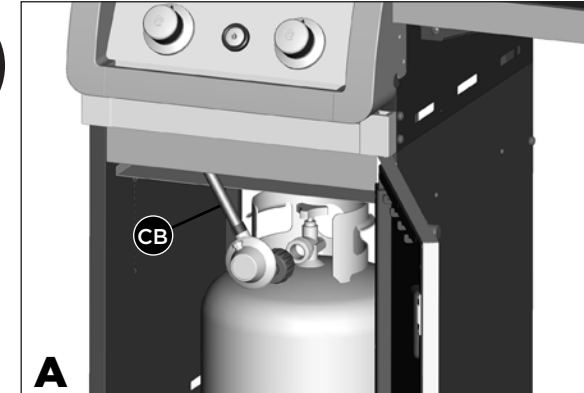


B

- Place the cooking grates (BE) into the burner box (BA), as shown in figure B.
- Assemble the warming rack (BF) by inserting the three fixed pins into the three holes provided on the burner box back panel (BA), as shown.

## ASSEMBLY INSTRUCTIONS

14



A

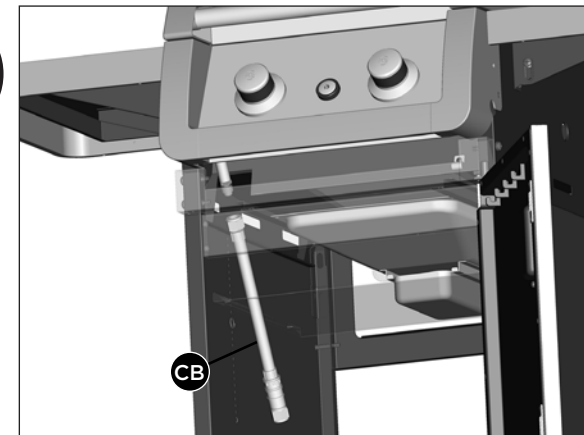
### FOR PROPANE MODEL ONLY

For natural gas model, follow step 15.

Attach the regulator (CB) coupling nut to the propane cylinder valve



15



### FOR NATURAL GAS MODEL ONLY

Attach the natural gas hose (CB), 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.

## ADDITIONAL WARNINGS

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

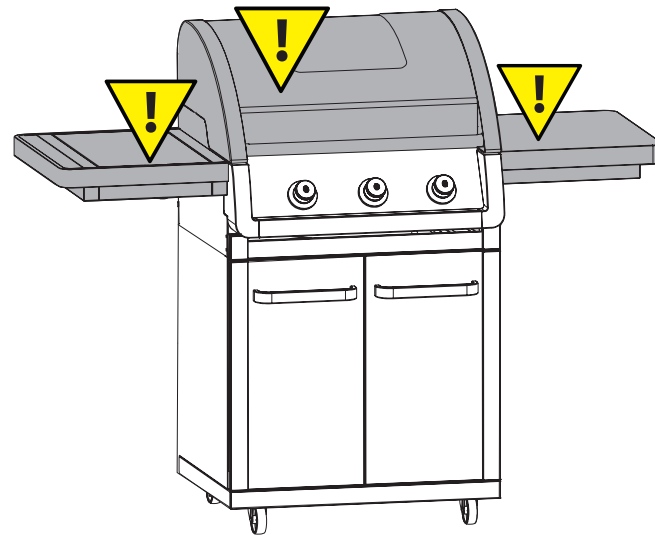
### NEXT STEPS:

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 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 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.