

MASTER  
**Chef**<sup>TM/MC</sup>



# PRIME 5-BURNER STAINLESS STEEL PROPANE BARBECUE ASSEMBLY MANUAL

085-3178-8 / G42604  
1-YEAR LIMITED WARRANTY

**READ AND SAVE MANUAL FOR FUTURE REFERENCE.**

Assemble your grill immediately.

Missing or damaged parts claims must be submitted within 30 days of the purchase date.

**For product inquiries, parts, warranty and troubleshooting support,  
please call 1-855-453-2150.**



Master No. 211648  
Manual Revision #: 10052021MK



**HEAVY ARTICLE: NEEDS 2 TO LIFT**

**THIS MANUAL MUST BE KEPT WITH THE PRODUCT AT ALL TIMES**

To order non-warranty replacement parts or accessories, or to register your warranty, please visit us at

[www.masterchefbbqs.com](http://www.masterchefbbqs.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 must be kept with the barbecue at all times.

**⚠ WARNING**

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

Follow all leak check procedures carefully before using the barbecue, even if the grill has been assembled by the dealer. Do not attempt 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 the lid.
  - d. If the odour 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 must not be stored in the vicinity of this or any other appliance.

**⚠ WARNING**

WHEN PLACED IN DIRECT SUNLIGHT OR WHEN IN USE, YOUR BARBECUE'S STAINLESS STEEL AND PAINTED STEEL PARTS CAN BECOME VERY HOT.

**THIS BARBECUE IS FOR OUTDOOR USE ONLY.**

**CONTACT THE CALL CENTRE IF ANY PARTS ARE MISSING.**













# HARDWARE PACK

## TOOLS NEEDED FOR ASSEMBLY

- #2 Star-head screwdriver (long and short)
- ¼" Slotted screwdriver (long and short)
- Adjustable wrench
- Pliers

KEY #	DESCRIPTION	PART NUMBER	QUANTITY
1	1/4"×18 Screw Assembly	G560-3900-9091	2
2	φ6.5 Washer	G466-0042-9000	6
3	1/4"-20UNC×13 Screw	20120-13013-036	36
4	NO.10-24UNC×13 Screw	20124-10013-036	6
5	ST4.2×8 Tapping Screw	24200-42008-136	8
6	NO.10-24UNC x18 Screw	20124-10018-036	2
7	NO.10-24UNC Nut	31224-10000-036	2
8	Axle Spacer	G426-0008-9088	2
9	Hitch Pin	G306-0005-9088	2
10	Axle Washer	40300-08000-036	2
11	NO.8-32UNC×10 Screw	20132-08010-250	2
12	Wing Nut	33300-08000-032	1

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

<b>1</b>  1/4"×18 Screw Assembly X 2	<b>2</b>  φ6.5 Washer X 6	<b>3</b>  1/4"-20UNC×13 Screw X 36
<b>4</b>  NO.10-24UNC×13 Screw X 6	<b>5</b>  ST4.2×8 Tapping Screw X 8	<b>6</b>  NO.10-24UNC x18 Screw X 2
<b>7</b>  NO.10-24UNC Nut X 2	<b>8</b>  Axle Spacer X 2	<b>9</b>  Hitch Pin X 2
<b>10</b>  Axle Washer X 2	<b>11</b>  NO.8-32UNC×10 Screw X 2	<b>12</b>  Wing Nut X 1

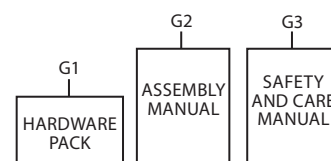
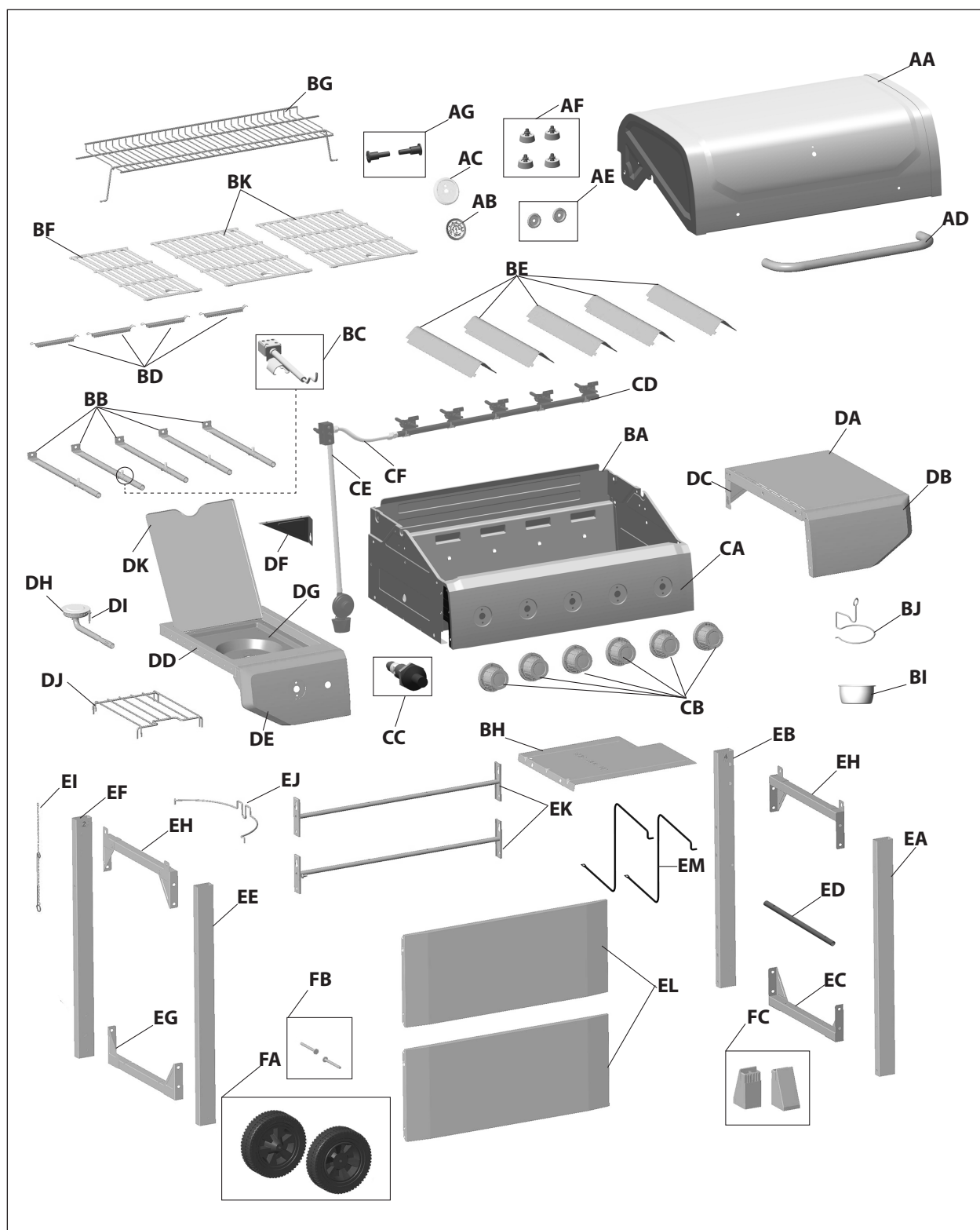
**BEFORE ASSEMBLING THIS BARBECUE, READ THE INSTRUCTIONS CAREFULLY.**

Assemble the barbecue on a flat, clean surface. Due to the weight of the grill, two people are recommended to complete the assembly.

## PARTS LIST (PROPANE) FOR 085-3178-8 / G42604

KEY #	QUANTITY	DESCRIPTION	PART NO.
AA	1	Top lid assembly	G426-5600-02
AB	1	Thermometer	G425-5004-01
AC	1	Thermometer bezel	G425-5005-01
AD	1	Top lid handle	G425-5001-01
AE	2	Top lid handle Bezel	C404-2002-01
AF	4	Lid bumpers	G527-0002-01
AG	2	Screws for lid	G425-0006-01
BA	1	Burner box assembly	G426-1100-01
BB	5	Main burner	G425-5400-01
BC	1	Electrode set, main burner	G425-5501-01
BD	4	Carryover assembly	G426-0003-01
BE	5	Flame tamer	G426-0006-01
BF	1	Left cooking grate	G426-0004-01
BG	1	Warming rack	G426-0002-01
BH	1	Heat Shield	G426-5502-01
BI	1	Grease Cup	G430-0033-02
BJ	1	Grease cup hook	G305-0043-01
BK	2	Right cooking grate	G426-0005-01
CA	1	Control panel	G426-0300-01
CB	6	Control knob	G425-0003-01
CC	1	Ignitor	G432-003D-01
CD	1	Manifold assembly	G426-5800-02
CE	1	Side burner valve with Regulator	G426-5900-01
CF	1	Side burner metal hose	G432-1102-01
DA	1	Side shelf table, right	G425-0600-01
DB	1	Side shelf fascia, right	G425-0700-01
DC	1	Side shelf support brace, right	G425-5201-01
DD	1	Side shelf table, left	G426-0900-01
DE	1	Side shelf fascia, left	G426-1000-01
DF	1	Side shelf support brace, left	G425-5301-01
DG	1	Side burner drip pan	G421-9102-01
DH	1	Side burner	G426-6200-01
DI	1	Side burner electrode set,	G426-6002-01
DJ	1	Side burner cooking grate	G426-6001-01
DK	1	Side burner lid	G430-0018-A2
EA	1	Front cart leg with end cap, right ----- 3	G426-6403-01
EB	1	Rear cart leg with end cap, right -----4	G426-6404-01
EC	1	Lower brace, right	G451-1Y00-01
ED	1	Tank exclusion wire, right	G425-5609-01
EE	1	Front cart leg with end cap, left -----1	G426-6401-01
EF	1	Rear cart leg with end cap, left -----2	G426-6402-01
EG	1	Lower brace , left	G451-1X00-01
EH	2	Upper brace	G451-1W00-01
EI	1	Match holder	G401-0079-01
EJ	1	Gas tank support	G307-0016-01
EK	2	Back brace	G432-L600-01
EL	2	Front panel	G426-5501-01
EM	2	Tank exclusion wire, rear	G425-5608-01
FA	2	Wheel	G437-0037-01
FB	2	Wheel axle	G426-0007-01
FC	2	Feet	G470-4K01-01
G1	1	Hardware pack	G426-B002-02
G2	1	Assembly instructions	G426-M004-01
G3	1	Safe use and care manual	G425-M001-02

# EXPLODED DIAGRAM (PROPANE) FOR 085-3178-8 / G42604

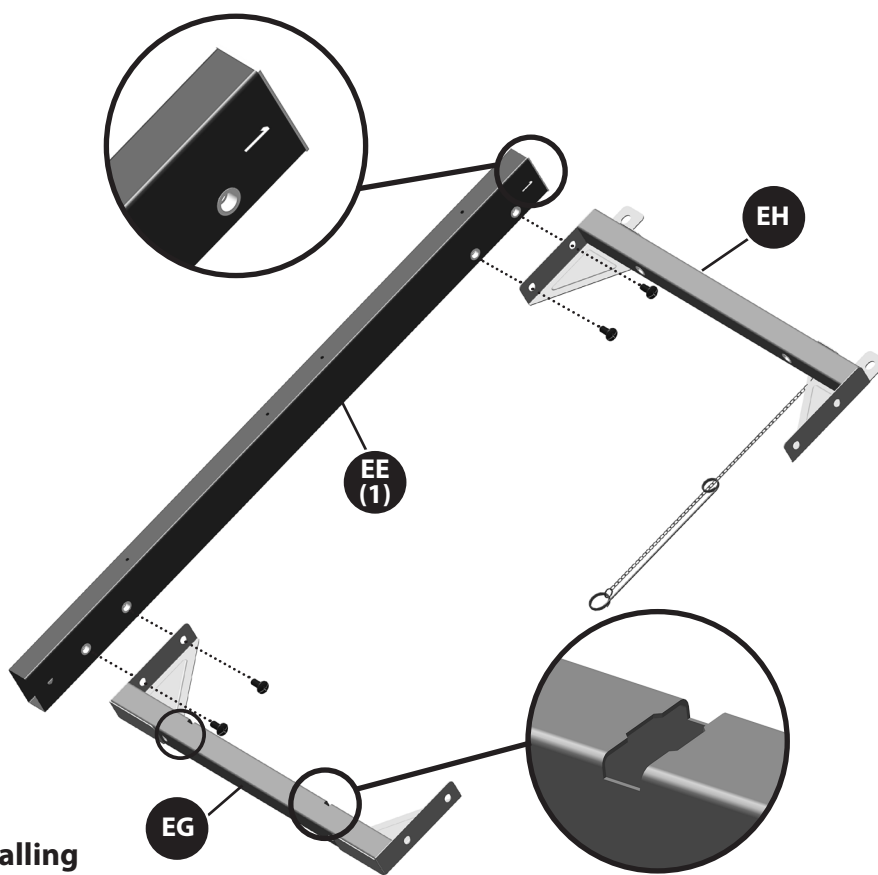
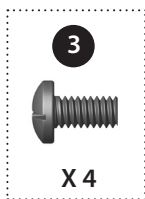


# ASSEMBLY INSTRUCTIONS

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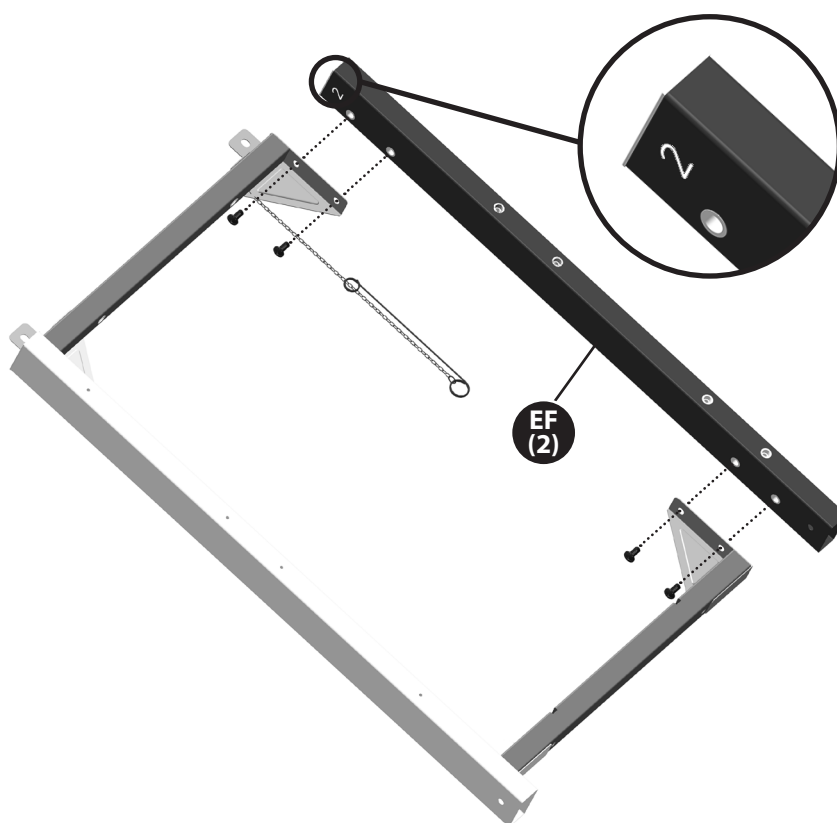
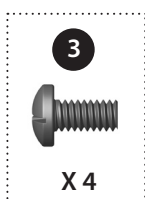
YOU WILL NEED:



**ATTENTION:**  
Part EG is used for installing  
the propane tank in step 22.

## B

YOU WILL NEED:

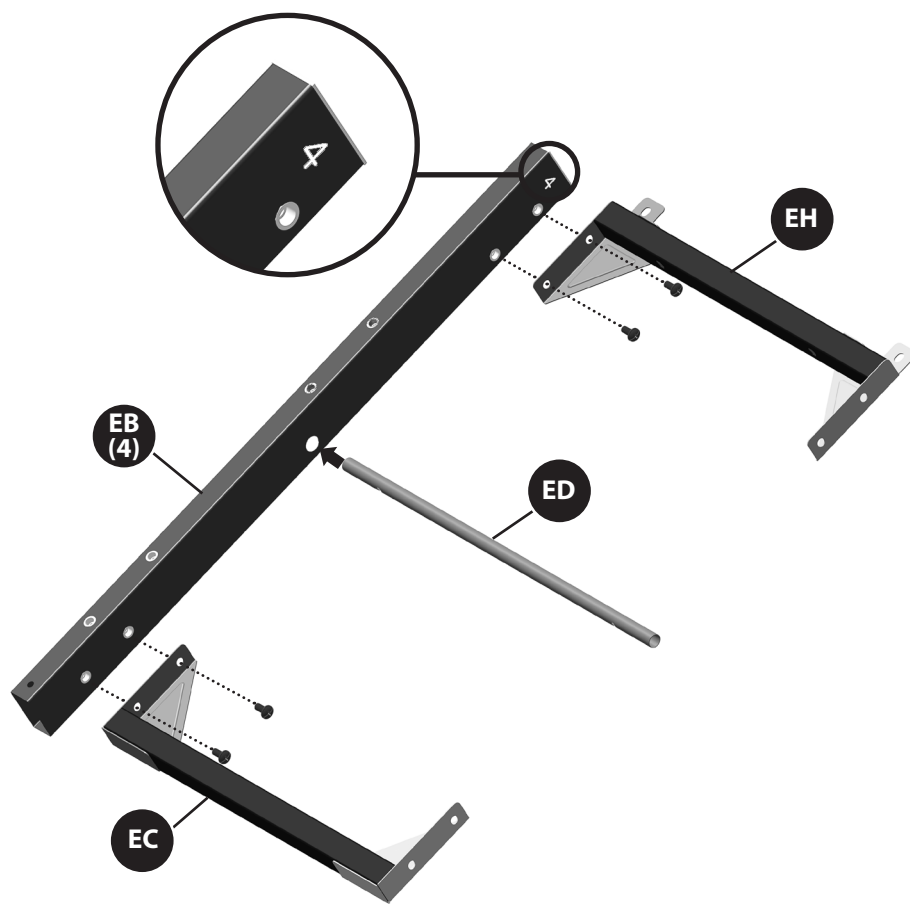
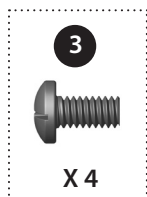


# ASSEMBLY INSTRUCTIONS

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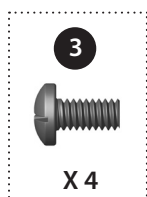
### A

YOU WILL NEED:



### B

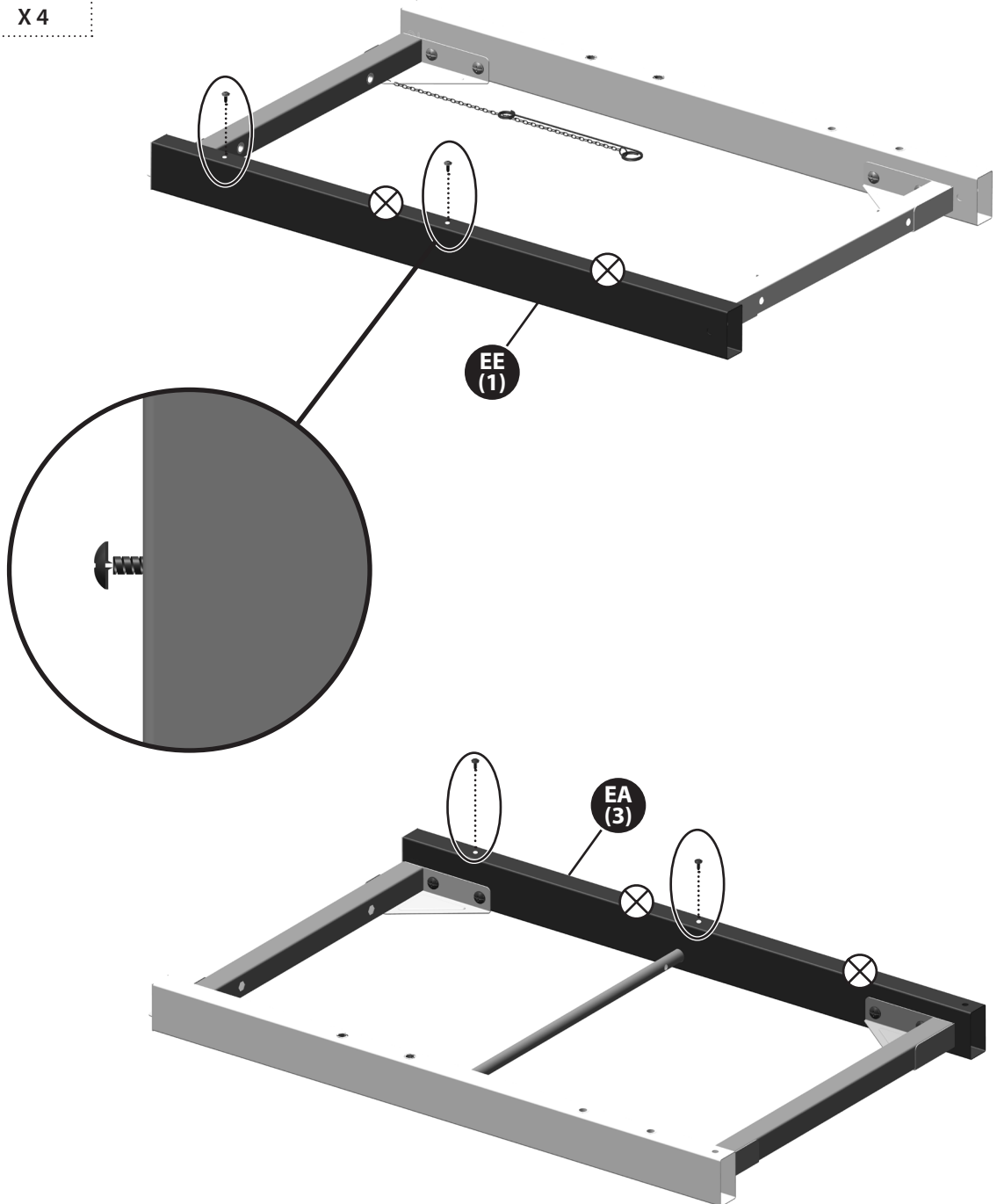
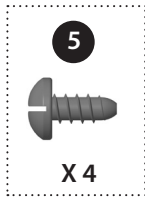
YOU WILL NEED:



# ASSEMBLY INSTRUCTIONS

## 3

YOU WILL NEED:

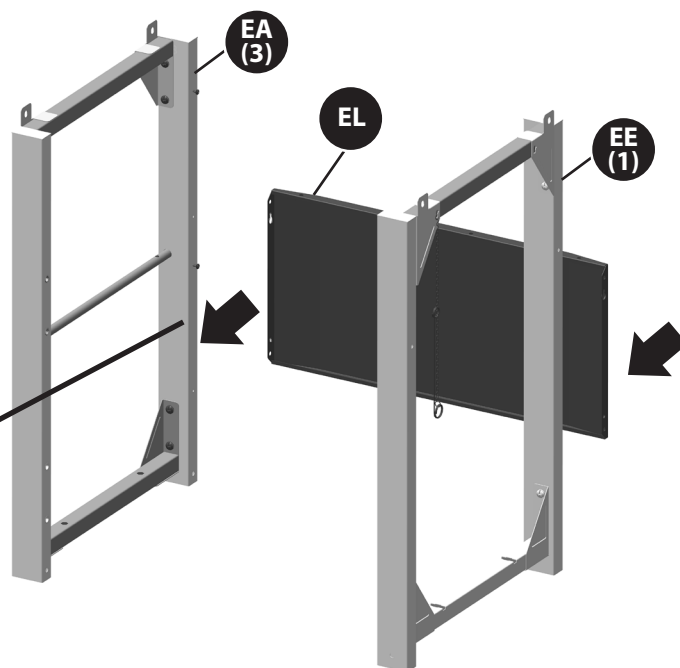
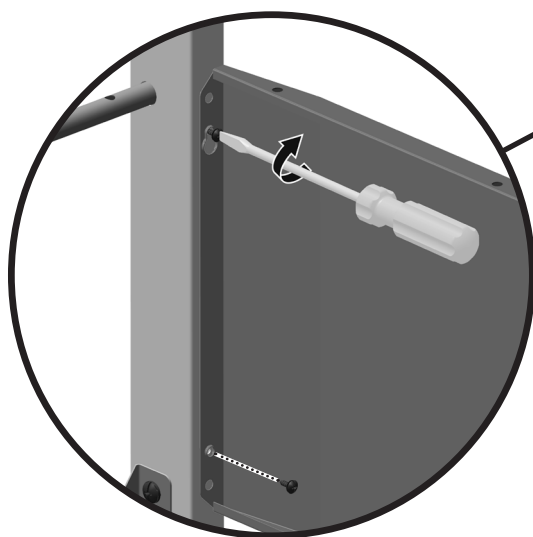
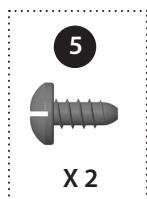


# ASSEMBLY INSTRUCTIONS

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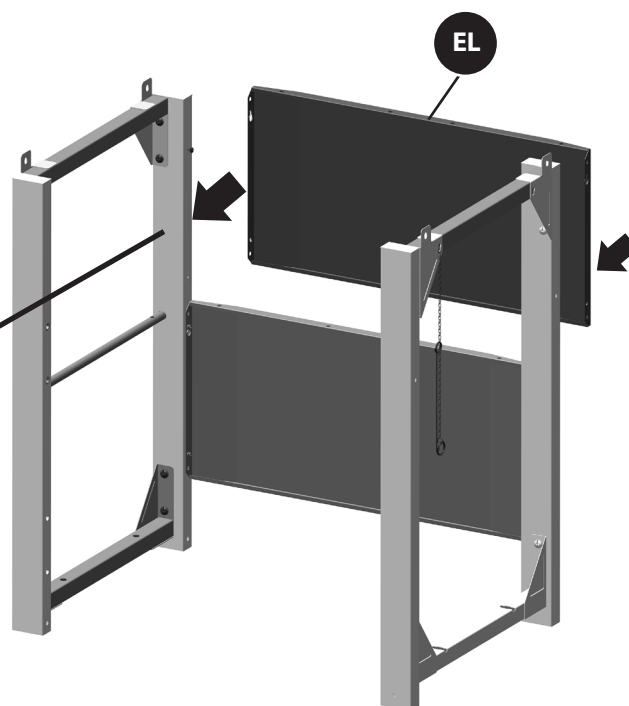
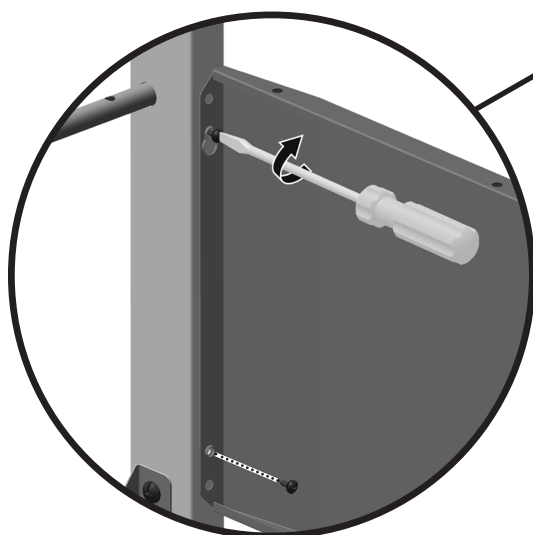
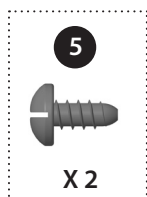
### A

YOU WILL NEED:



### B

YOU WILL NEED:

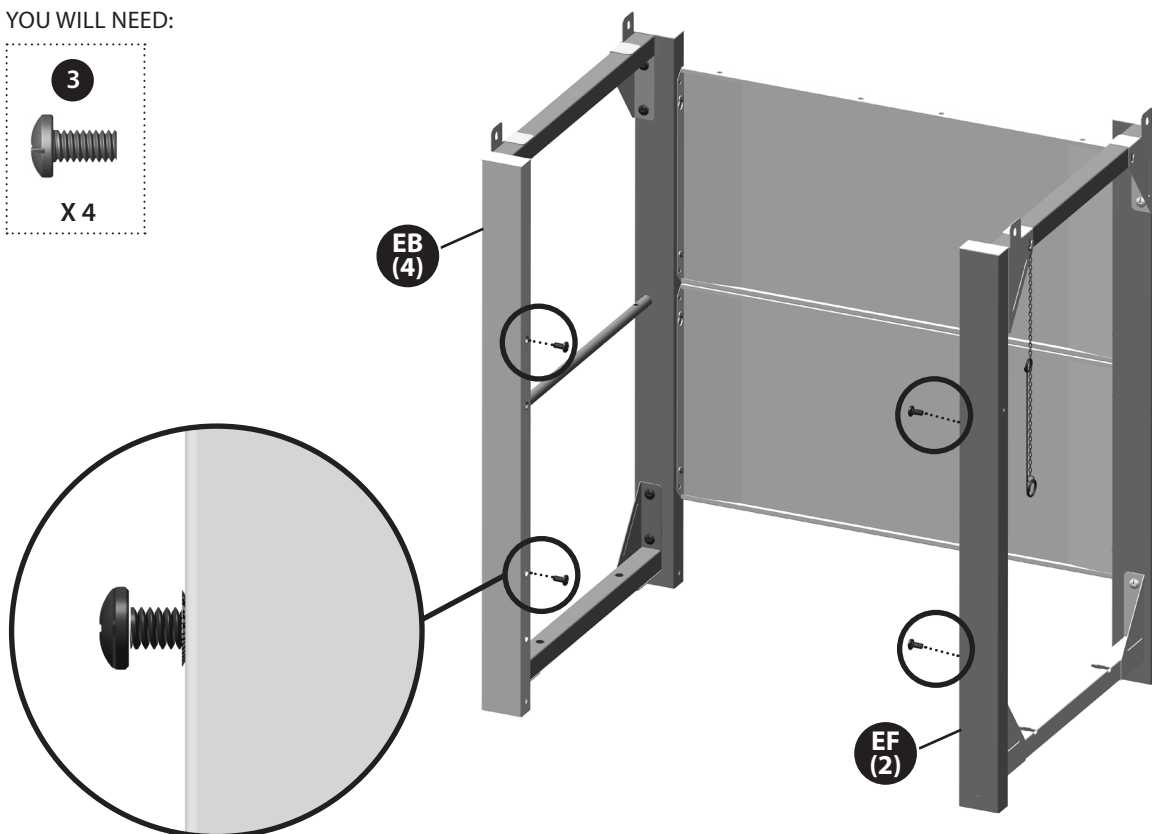
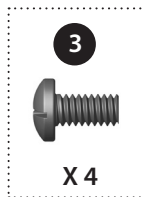


# ASSEMBLY INSTRUCTIONS

## 5

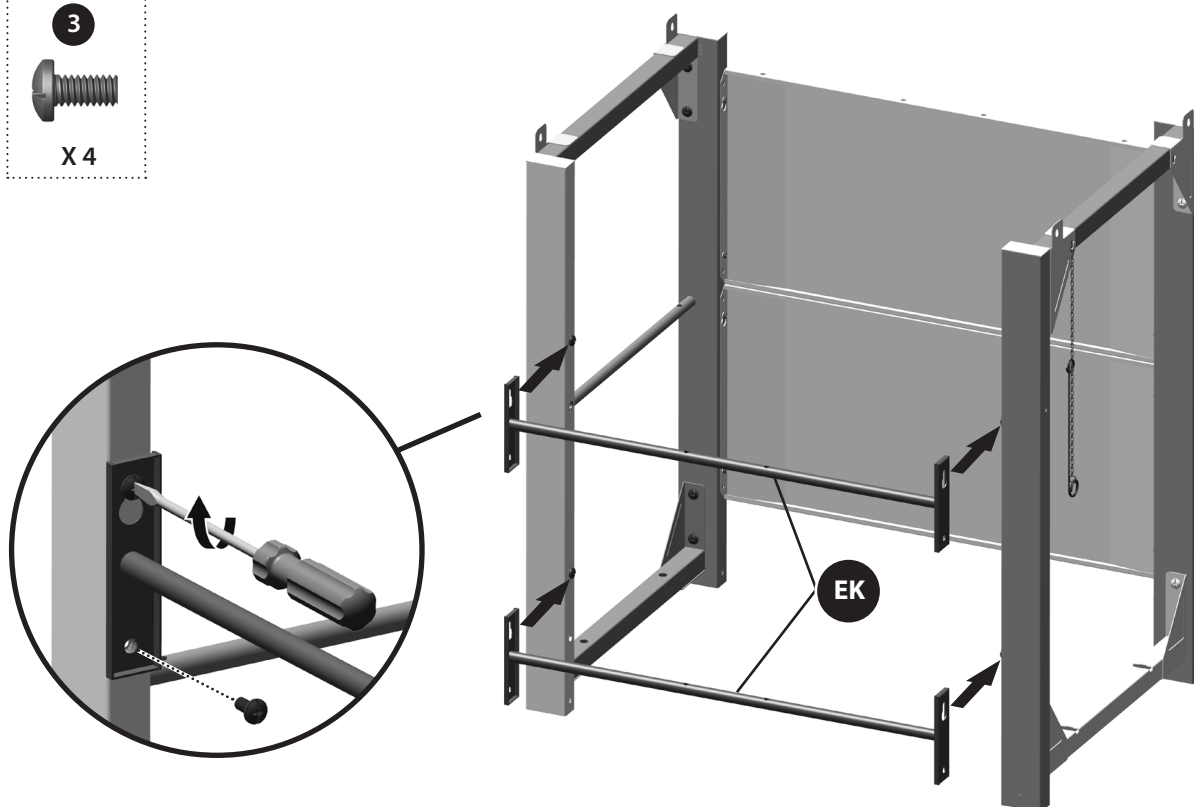
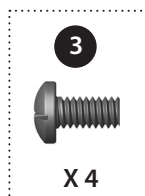
### A

YOU WILL NEED:



### B

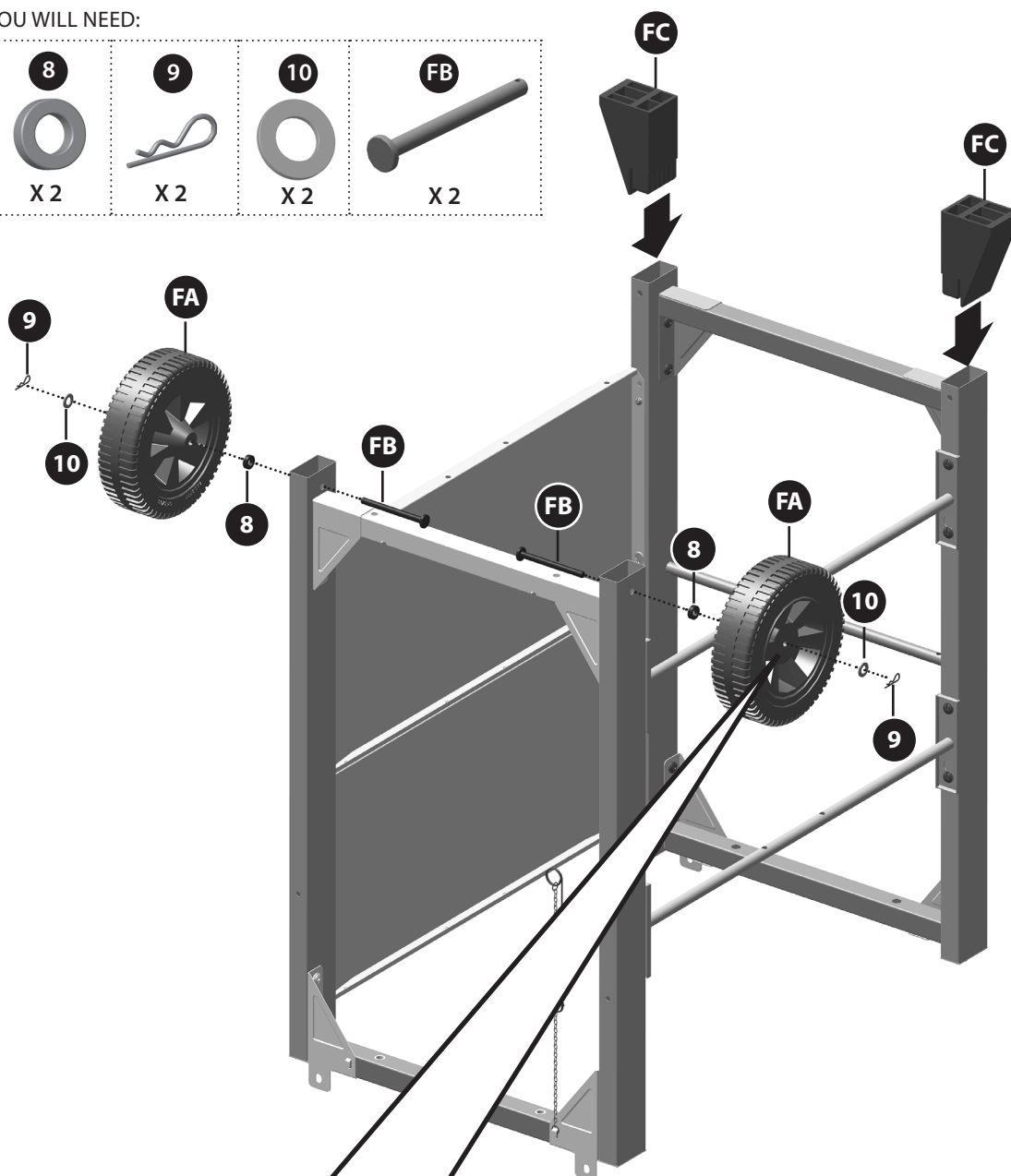
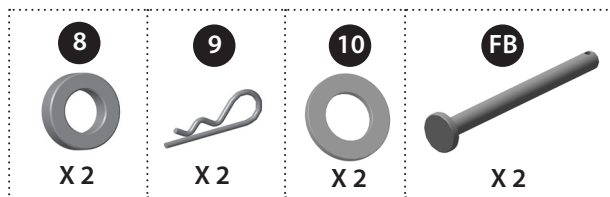
YOU WILL NEED:



# ASSEMBLY INSTRUCTIONS

## 6

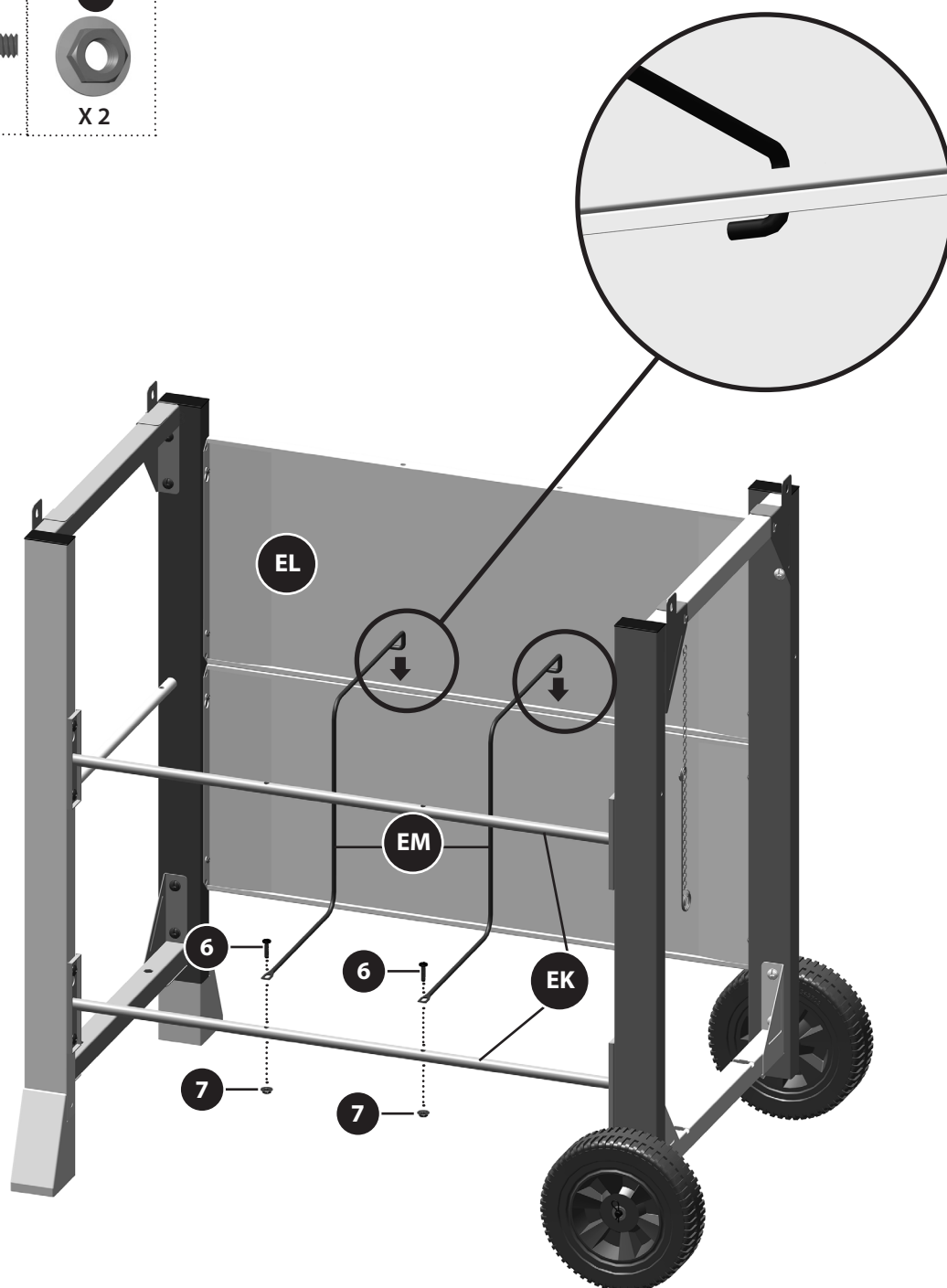
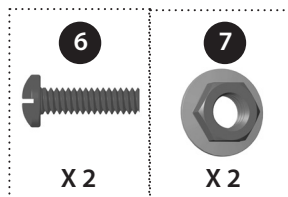
YOU WILL NEED:



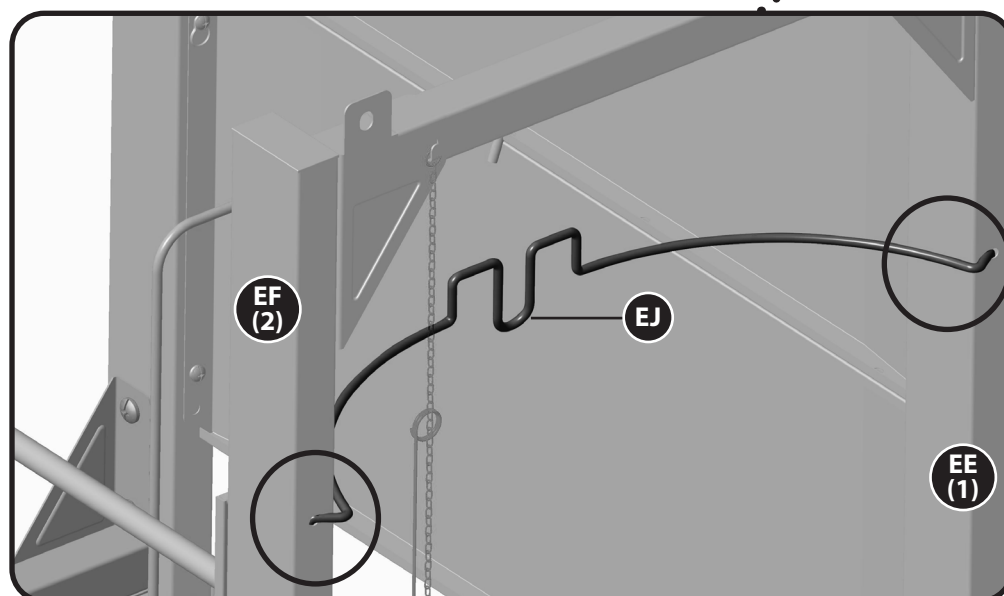
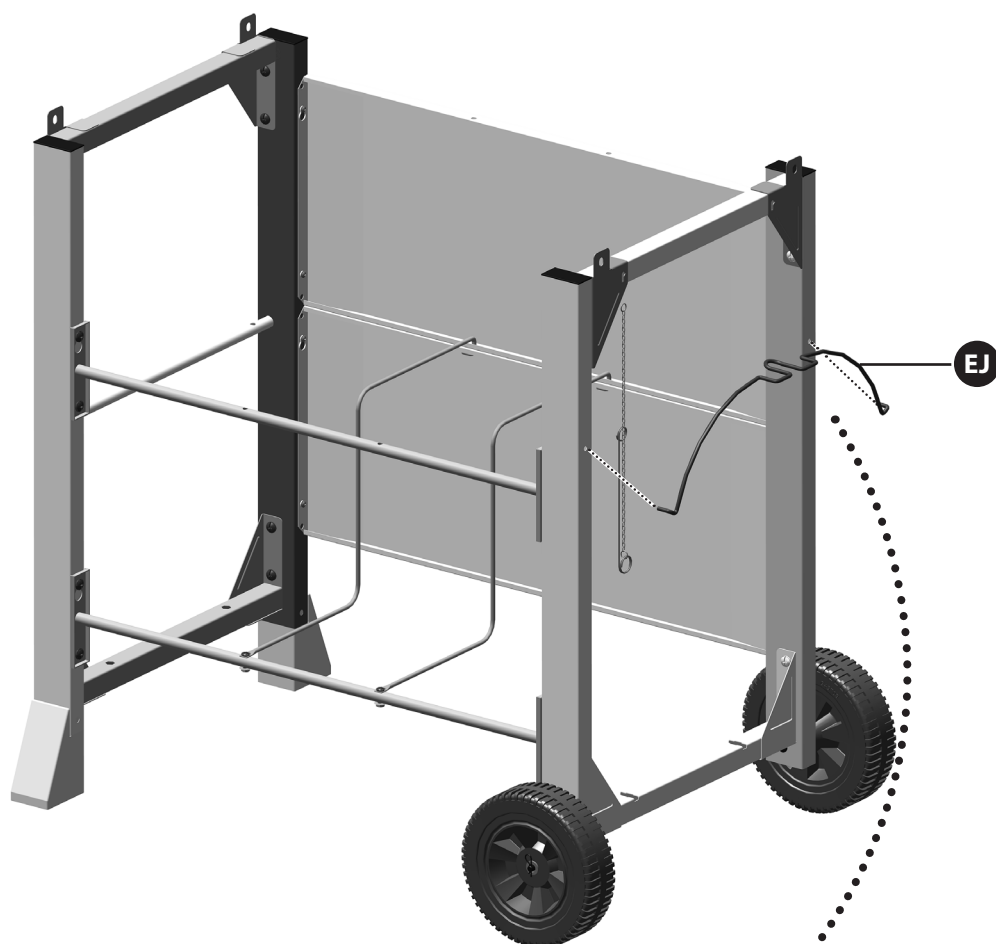
## ASSEMBLY INSTRUCTIONS

# 7

YOU WILL NEED:



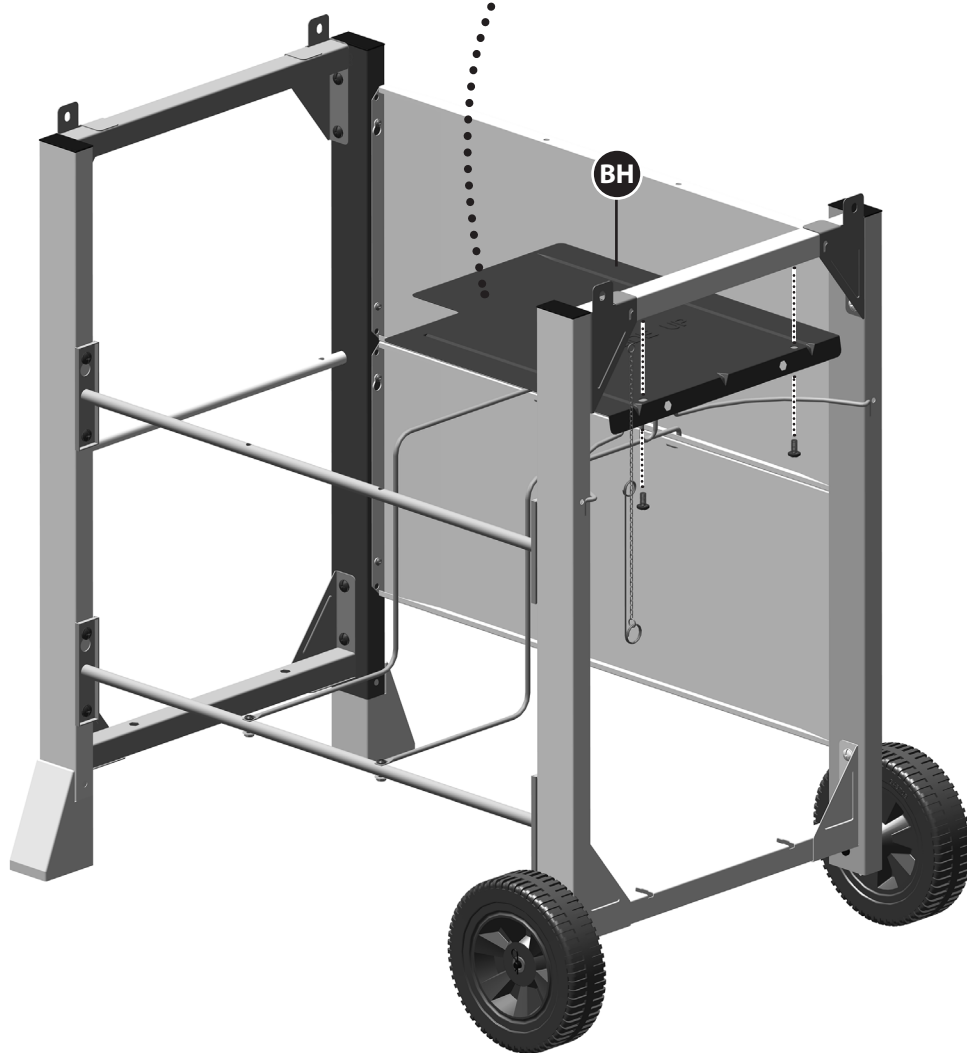
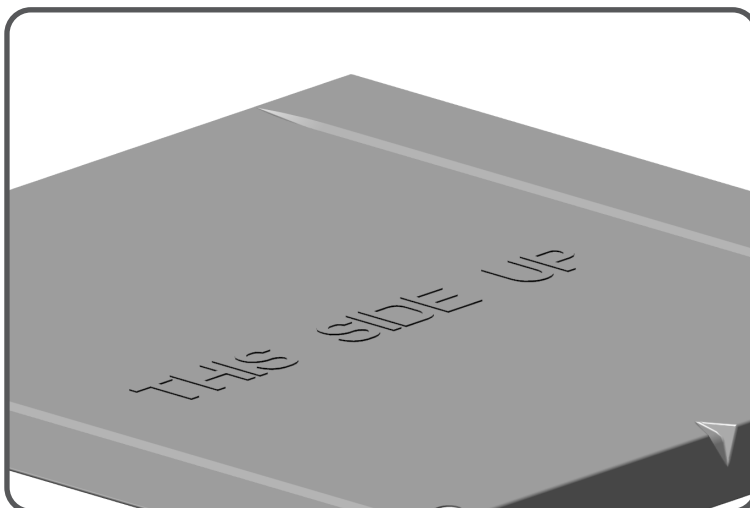
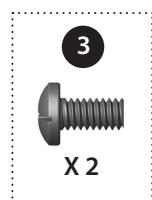
## 8



# ASSEMBLY INSTRUCTIONS

## 9

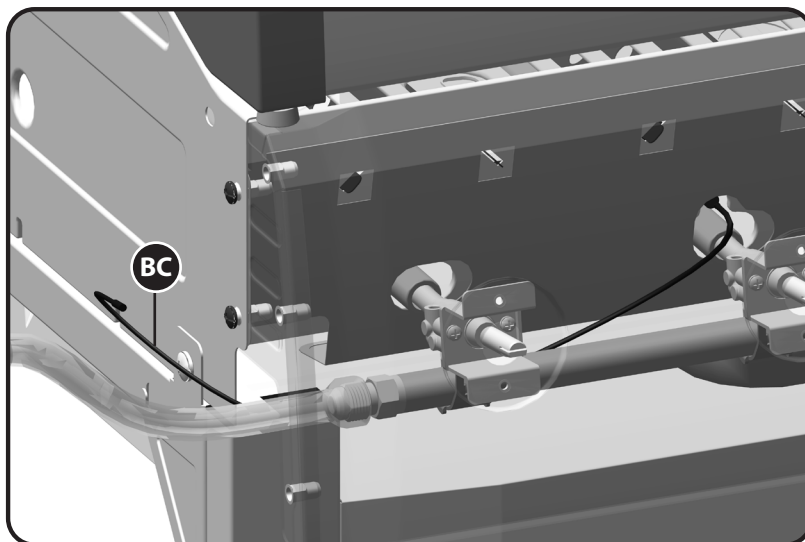
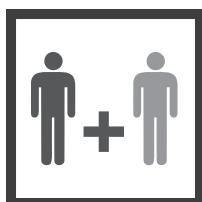
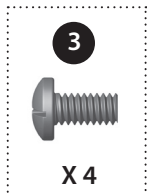
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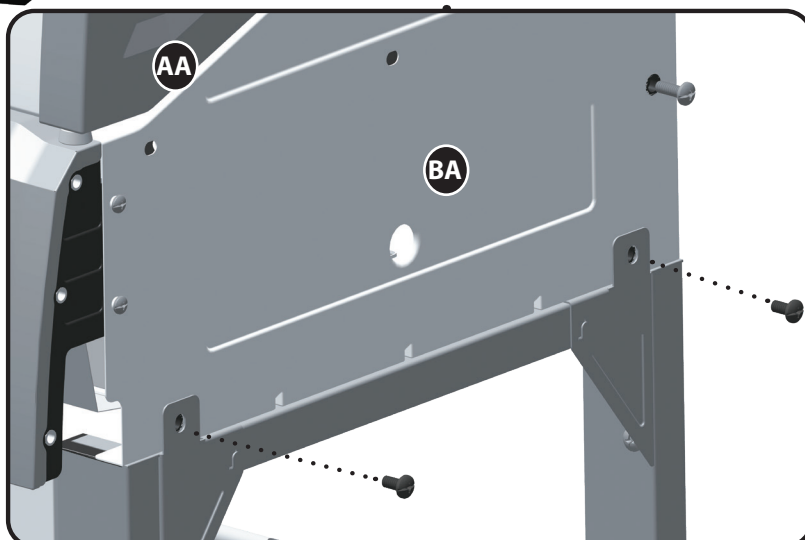
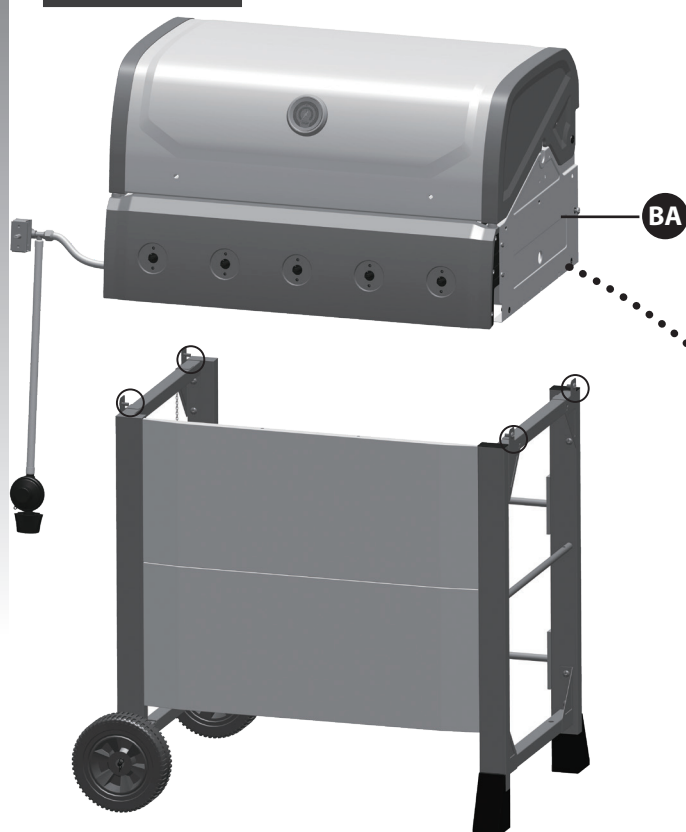
# ASSEMBLY INSTRUCTIONS

## 10

YOU WILL NEED:



**Attention:** Feed the electrode set (BC) attached to the main burner, through the hole on the left side of the burner box.



# 11



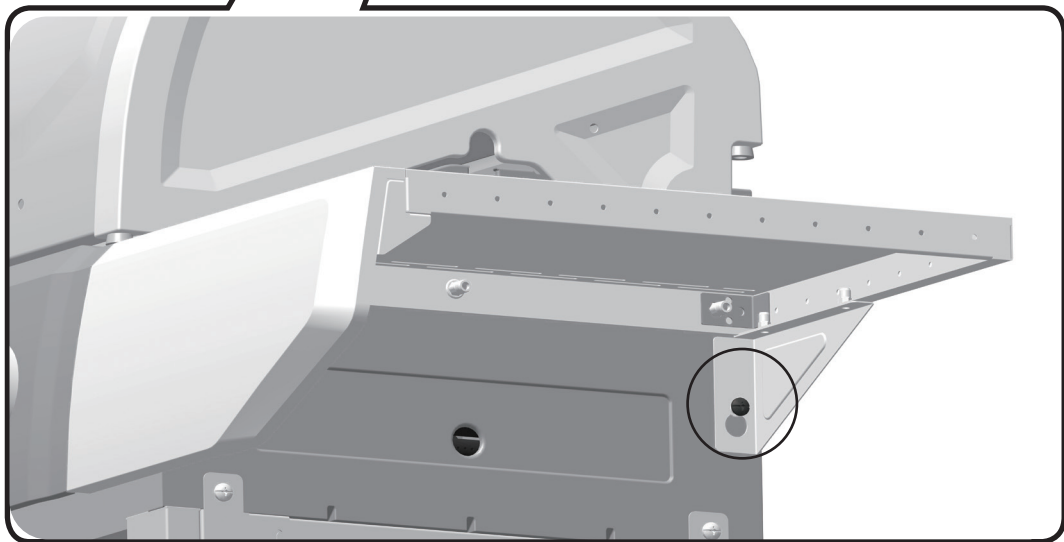
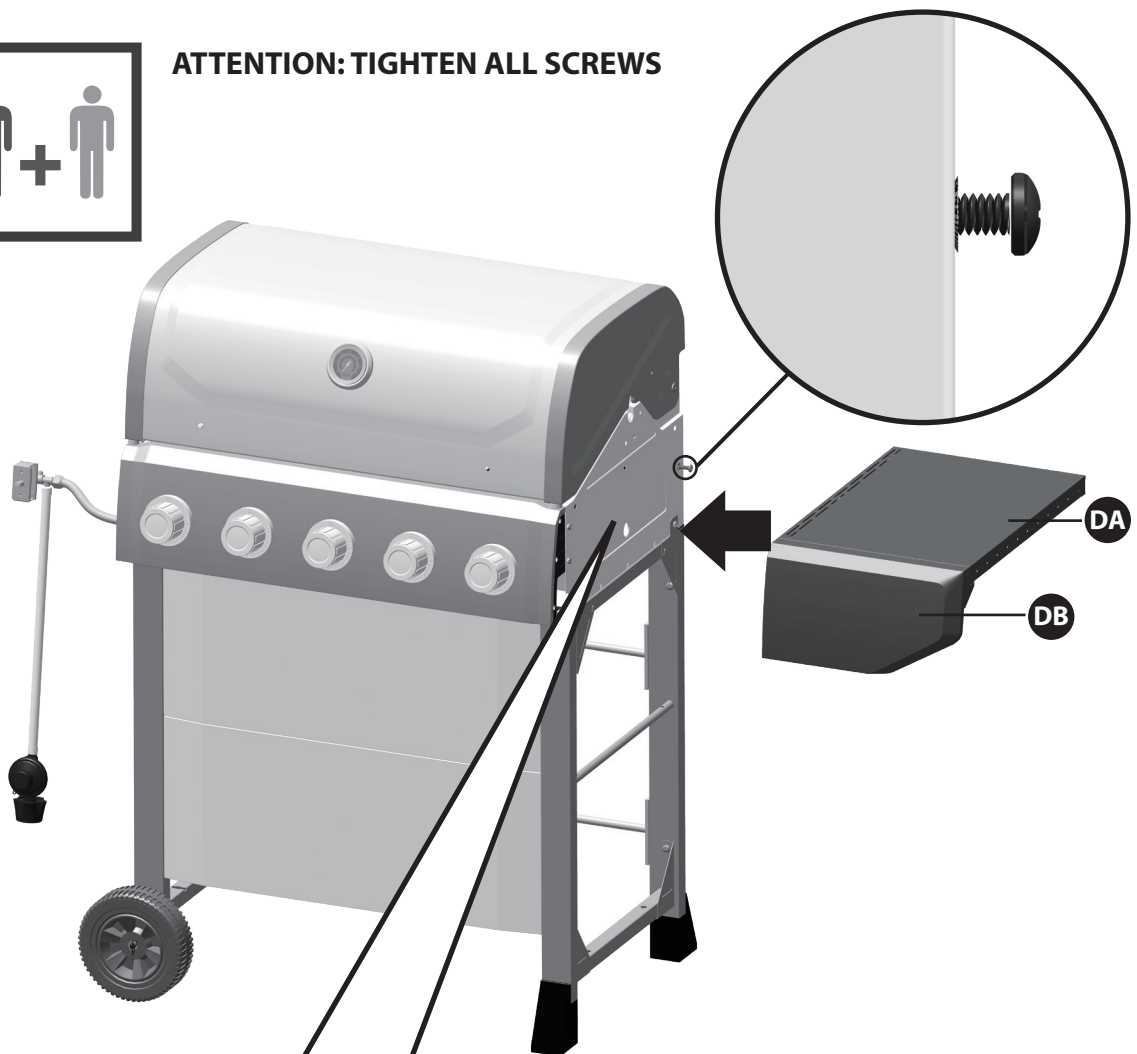
## ASSEMBLY INSTRUCTIONS

# 12

### A



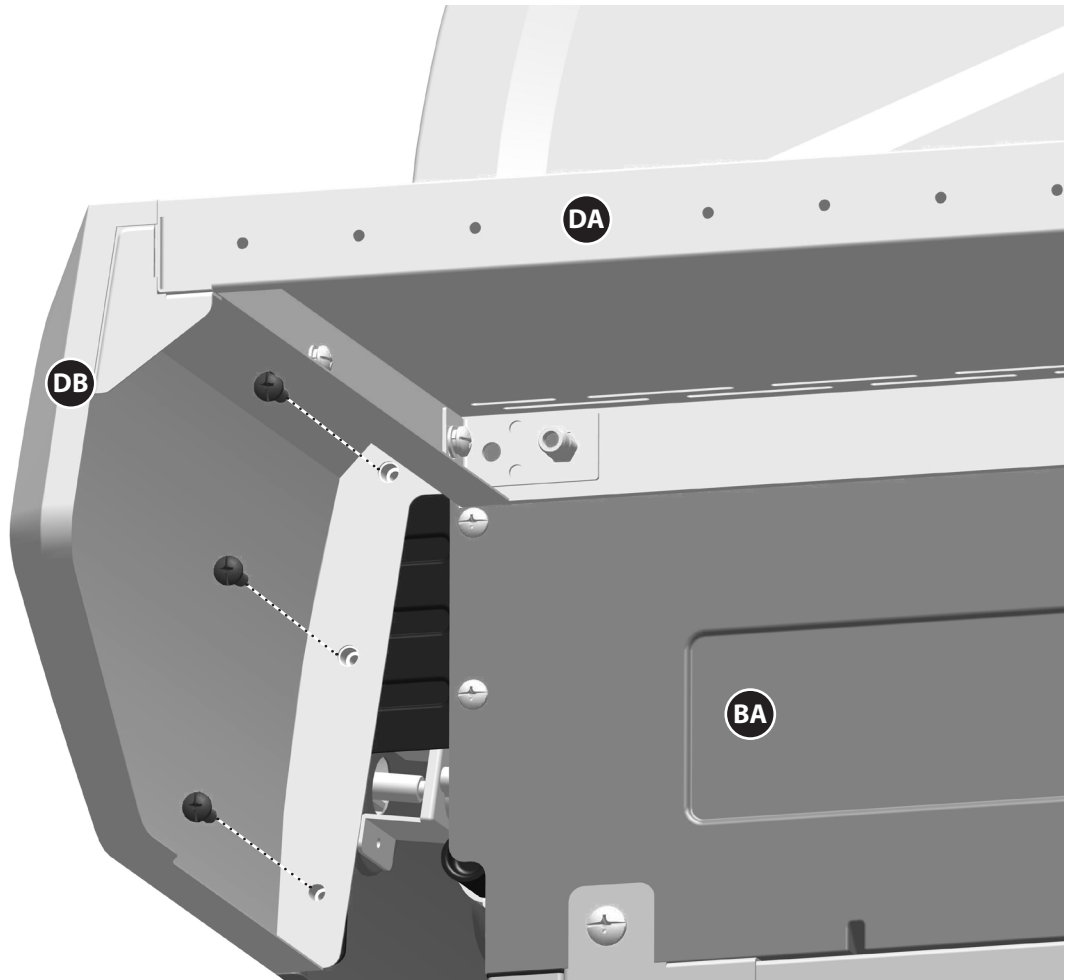
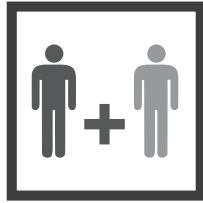
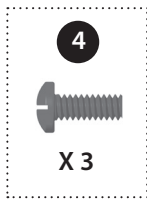
**ATTENTION: TIGHTEN ALL SCREWS**



## 12

### B

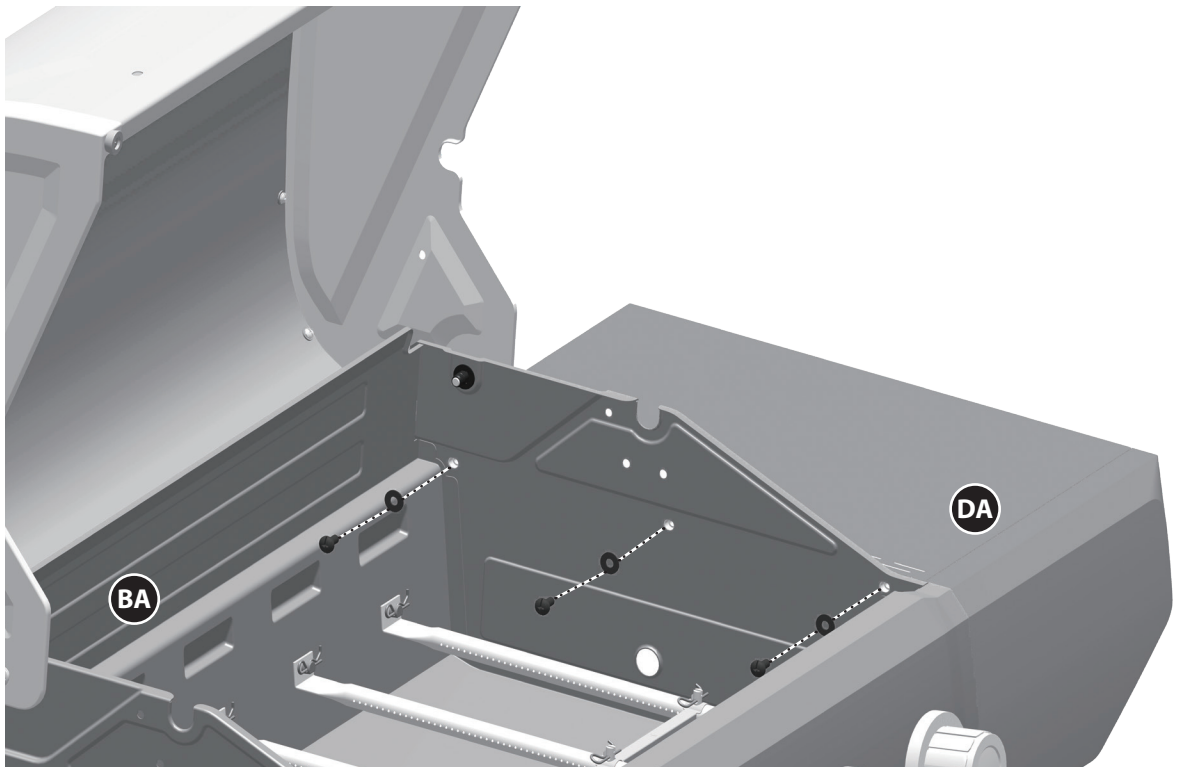
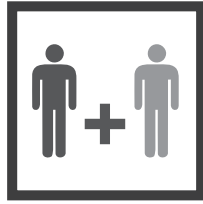
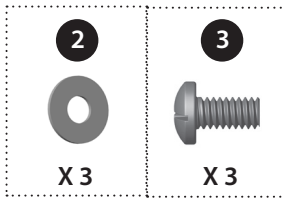
YOU WILL NEED:



## 12

### C

YOU WILL NEED:

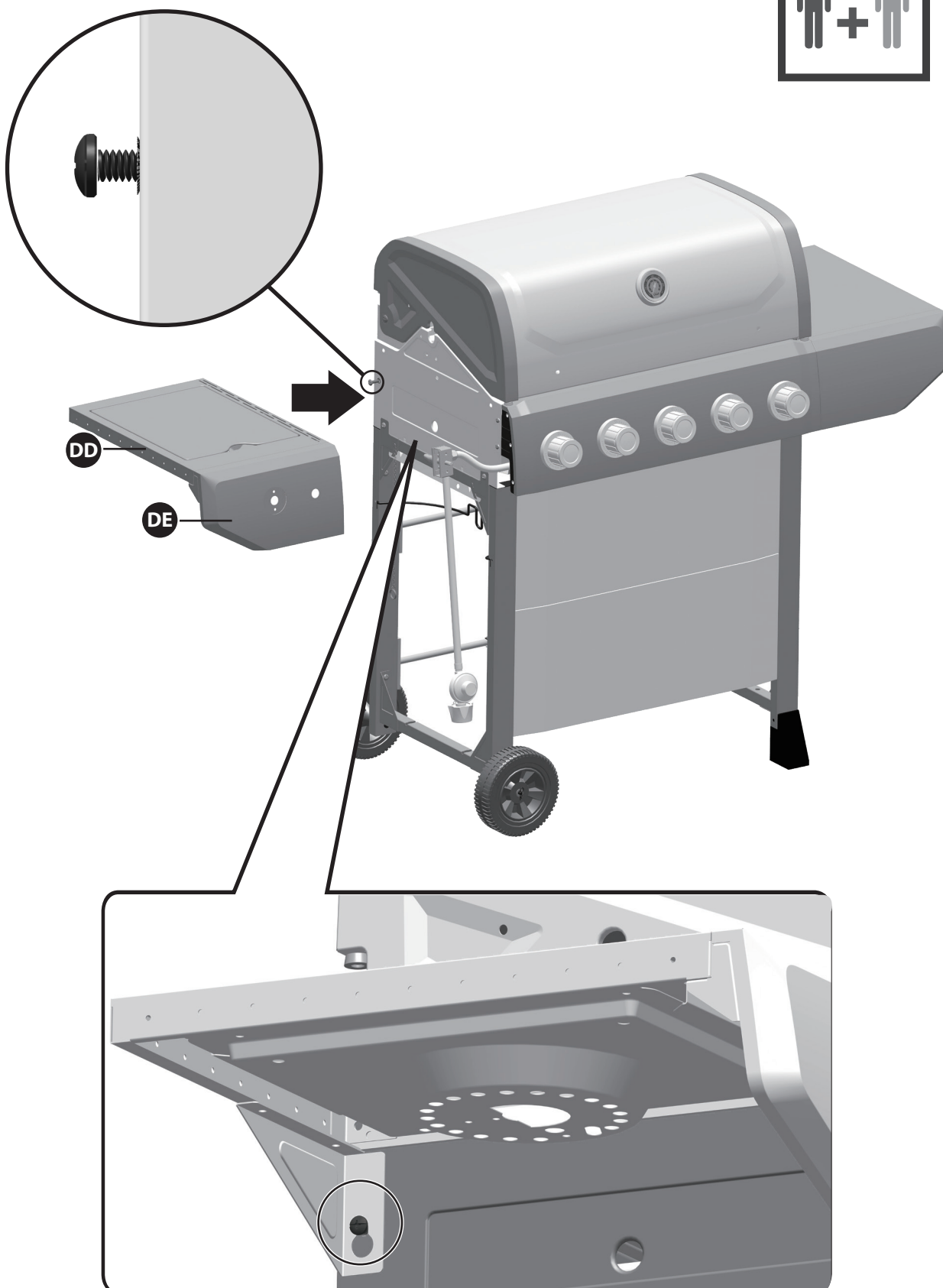
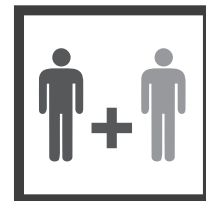


## ASSEMBLY INSTRUCTIONS

# 13

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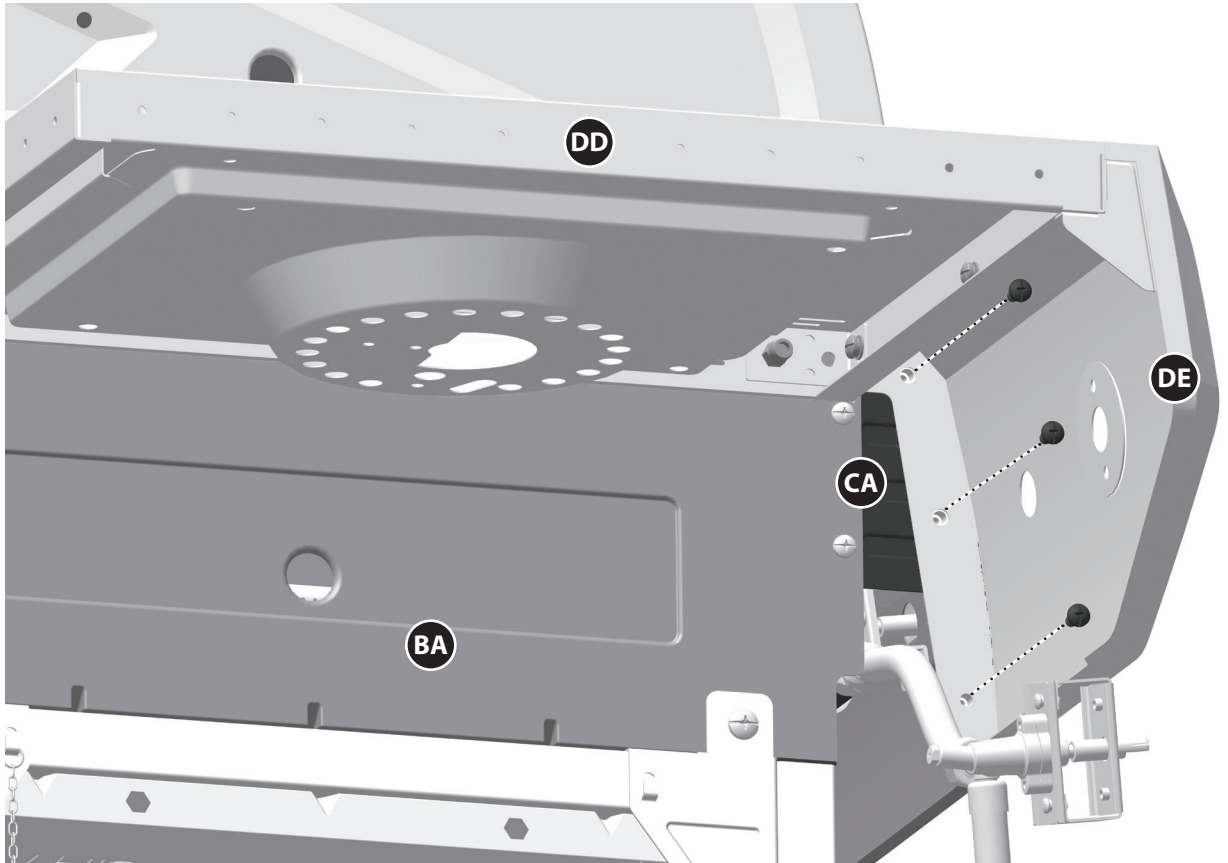
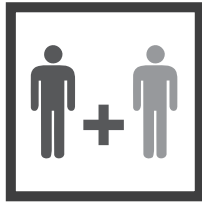
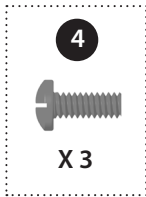
ATTENTION: TIGHTEN ALL SCREWS



## 13

### B

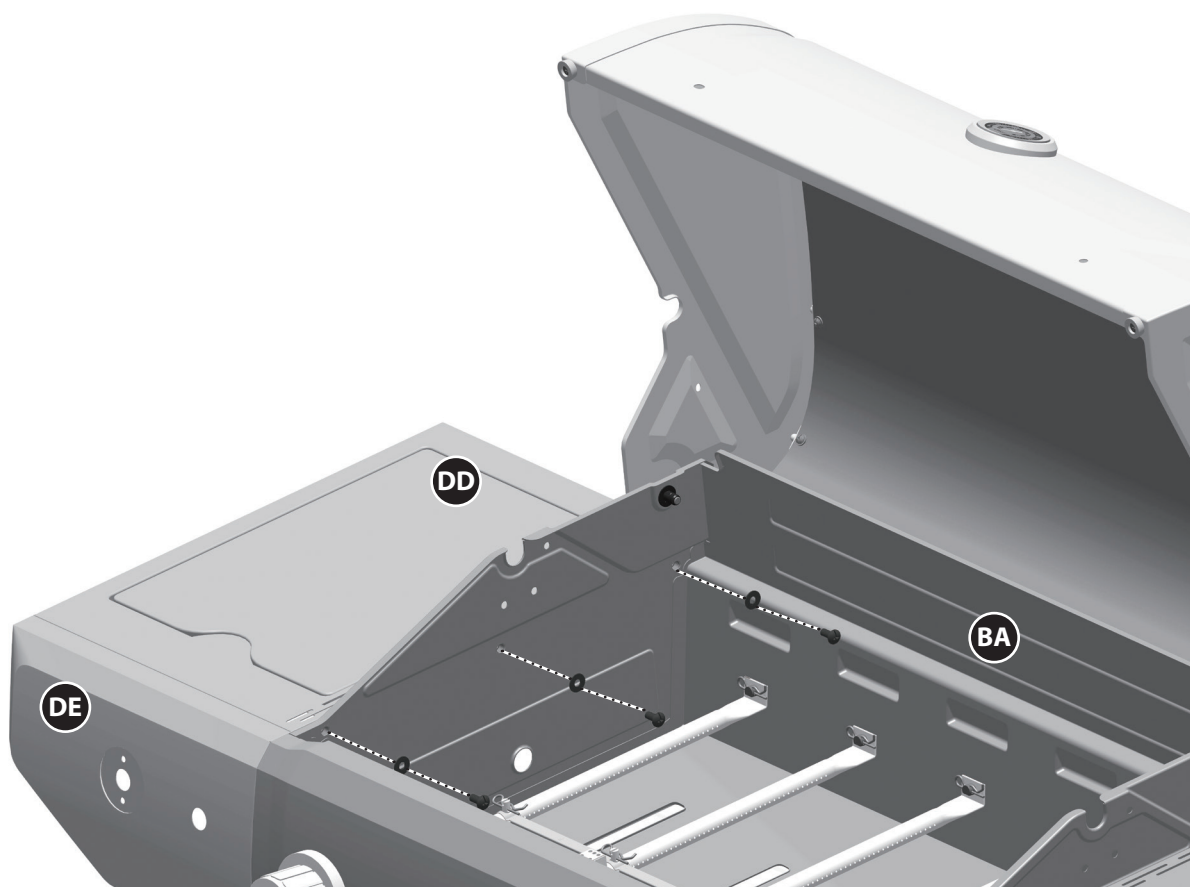
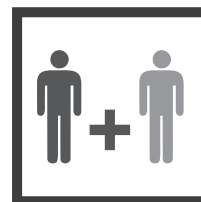
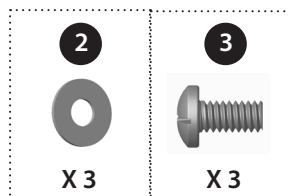
YOU WILL NEED:



## 13

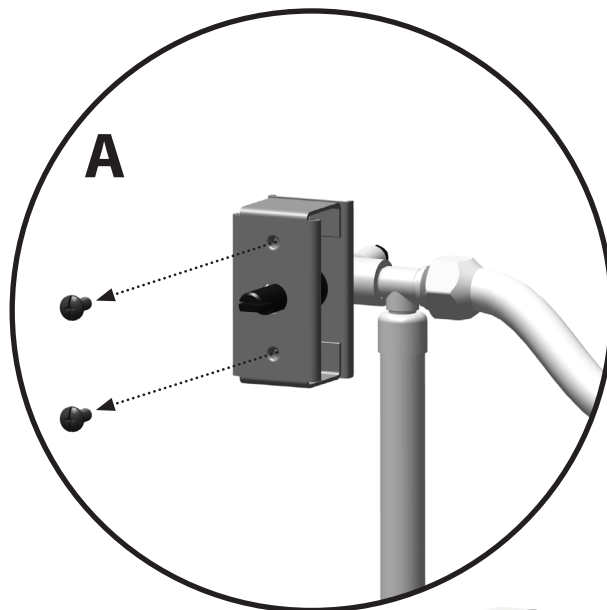
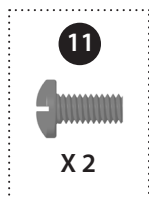
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YOU WILL NEED:

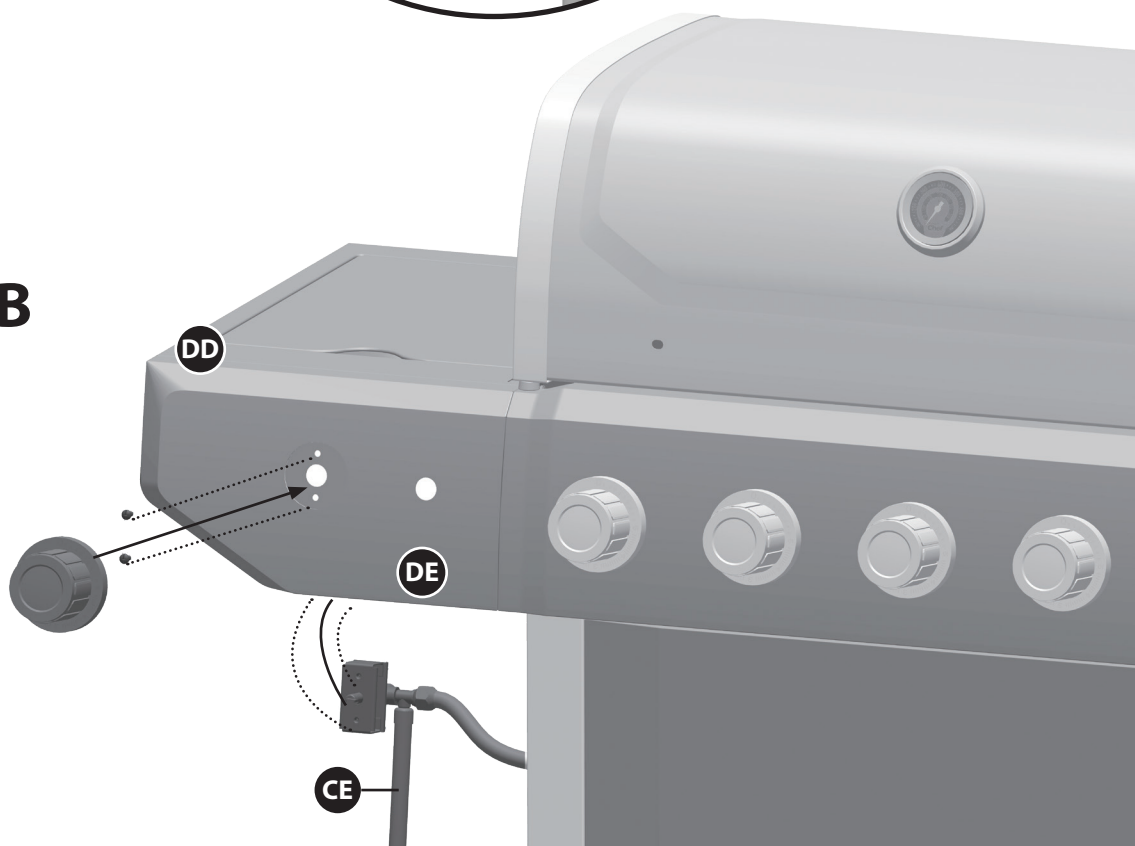


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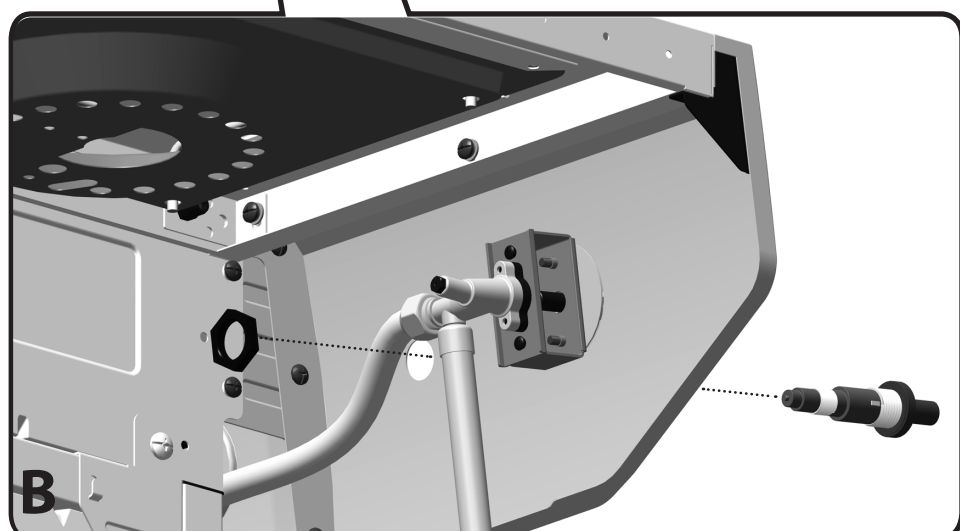
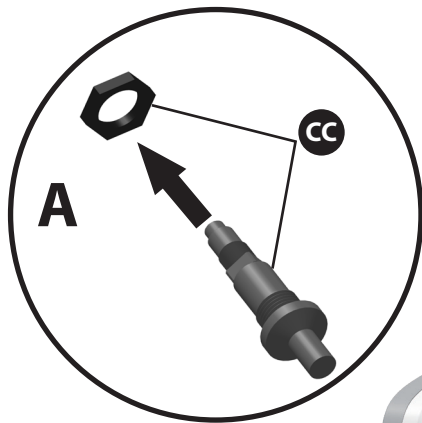
YOU WILL NEED:



B



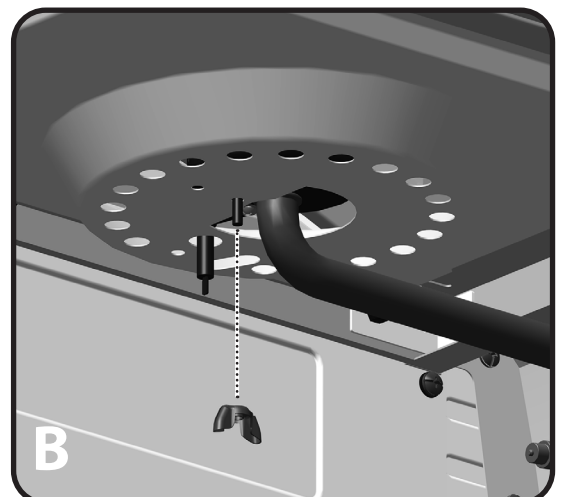
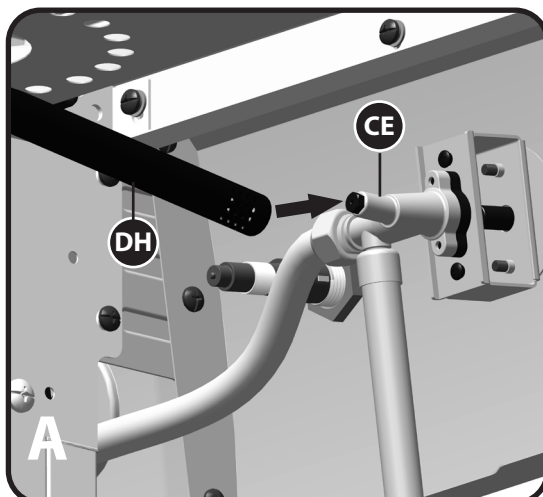
## 15



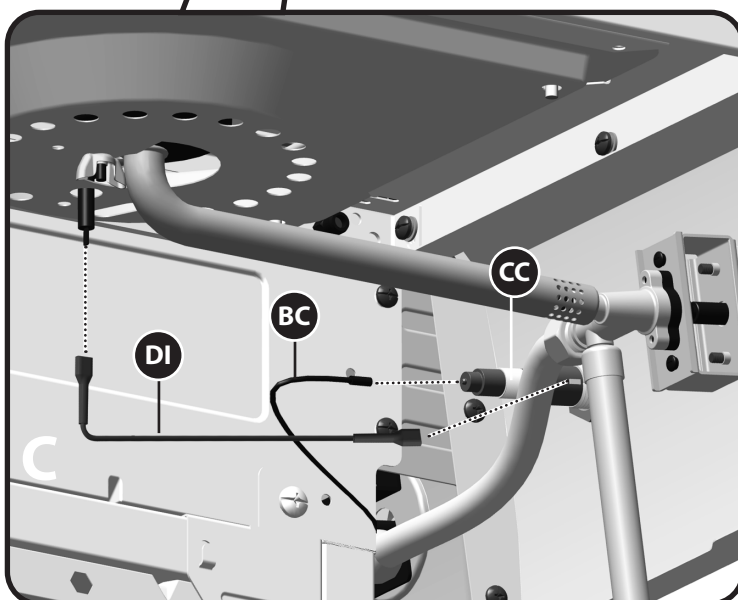
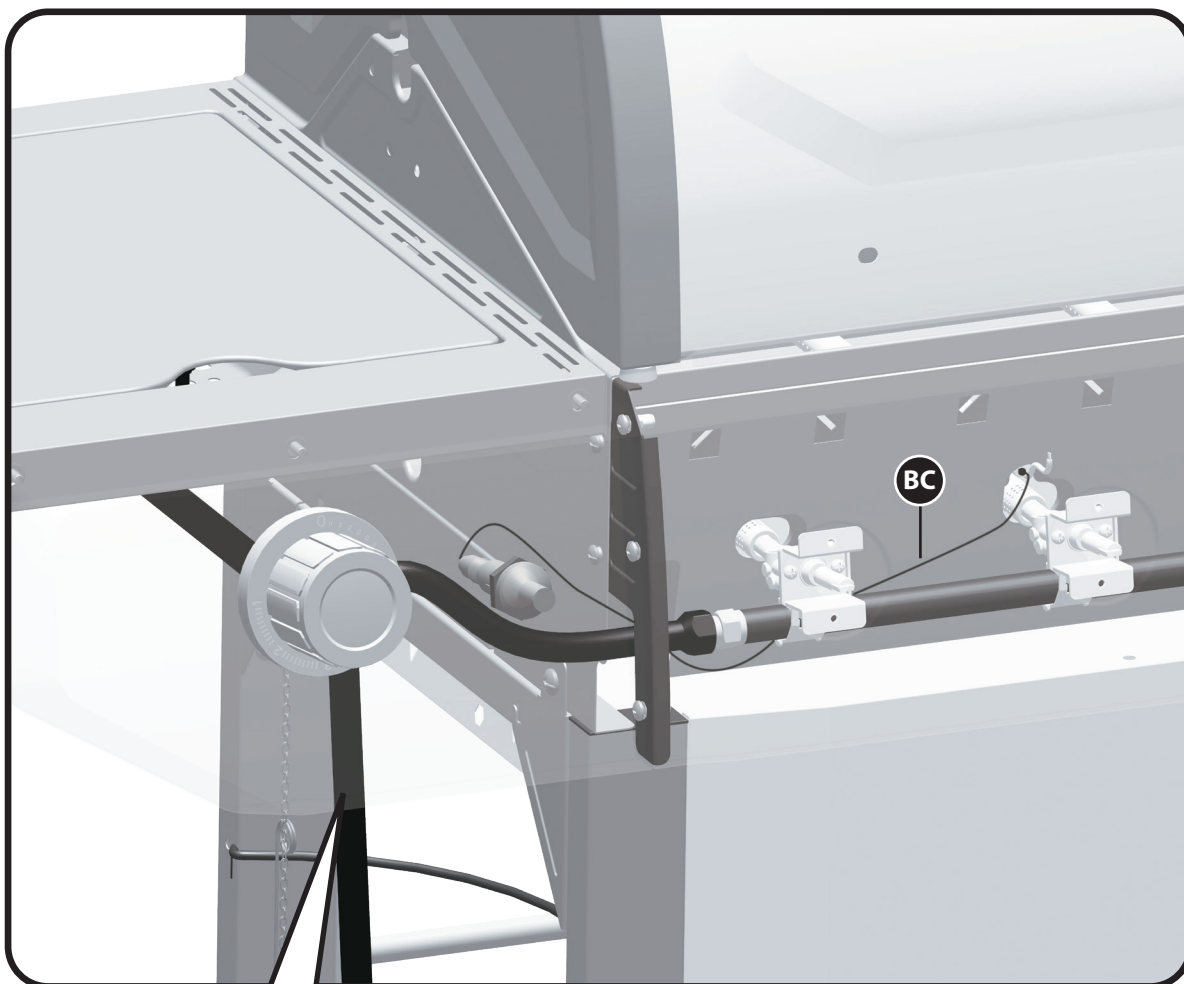
# ASSEMBLY INSTRUCTIONS

## 16A

YOU WILL NEED:

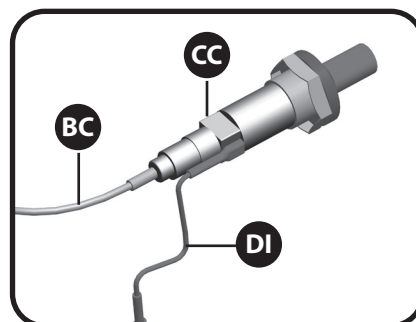


## 16B



### ATTENTION:

For the side burner electrode wire, the red side is connected to the side burner, the black side is connected to the ignition .



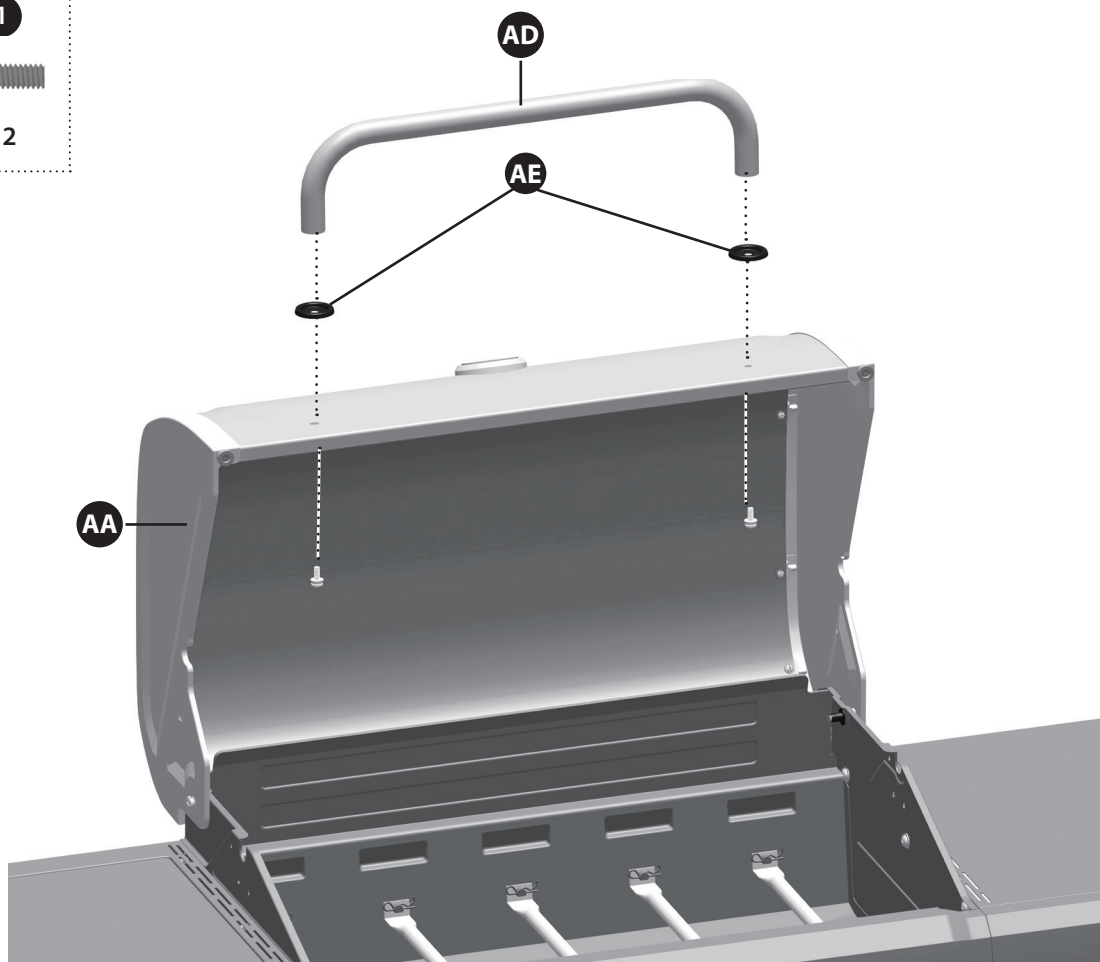
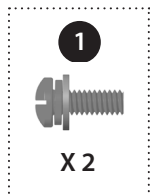
## ASSEMBLY INSTRUCTIONS

17

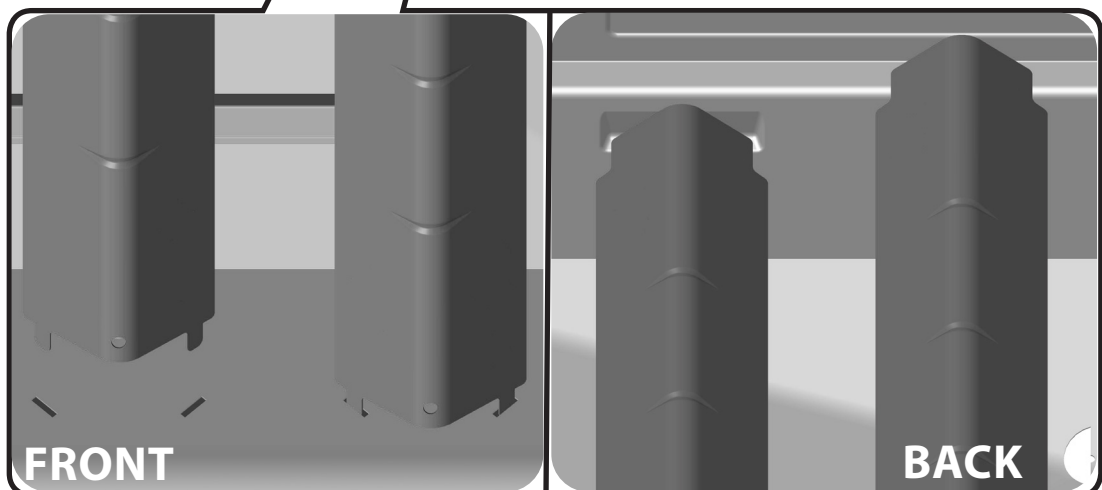


18

YOU WILL NEED:



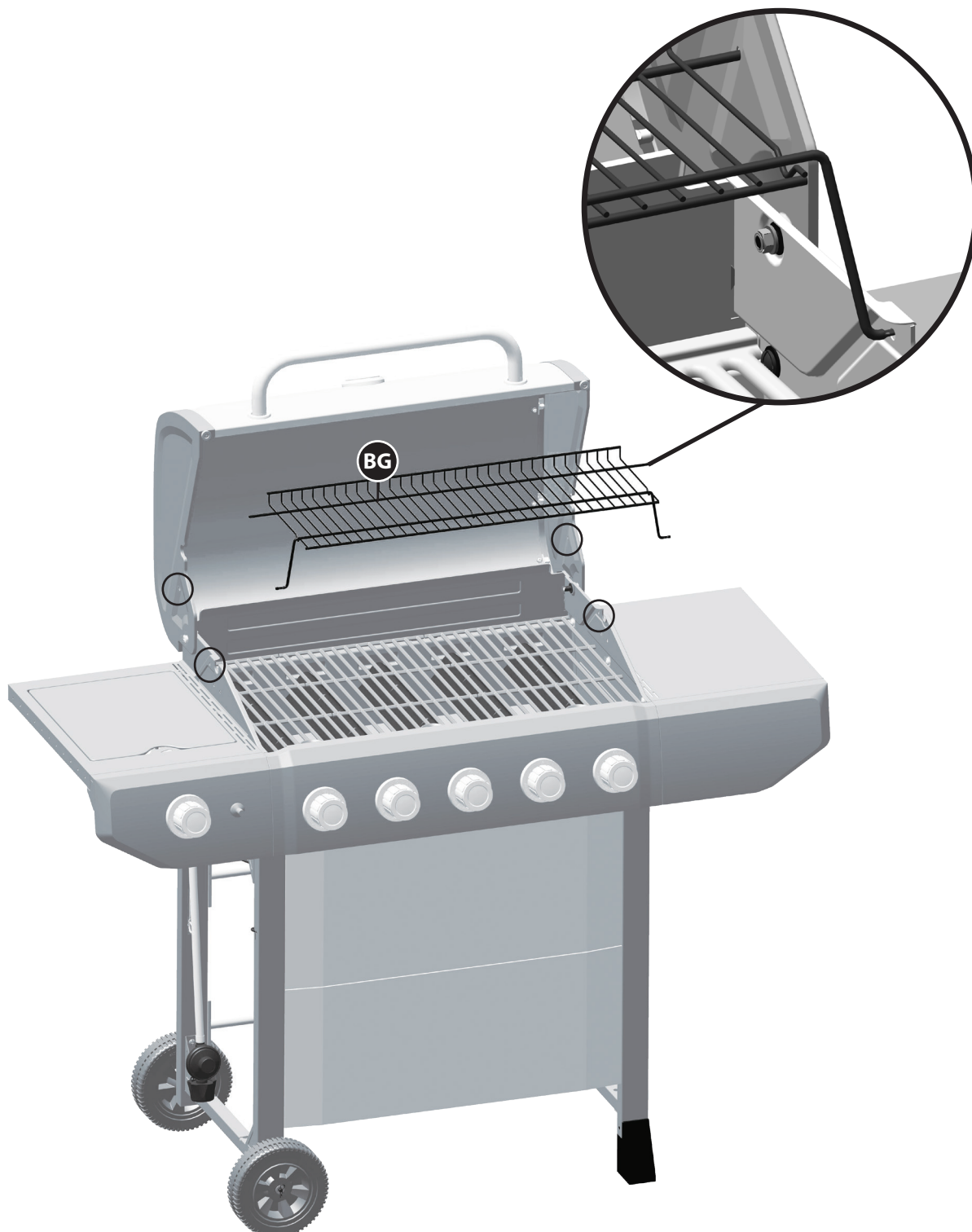
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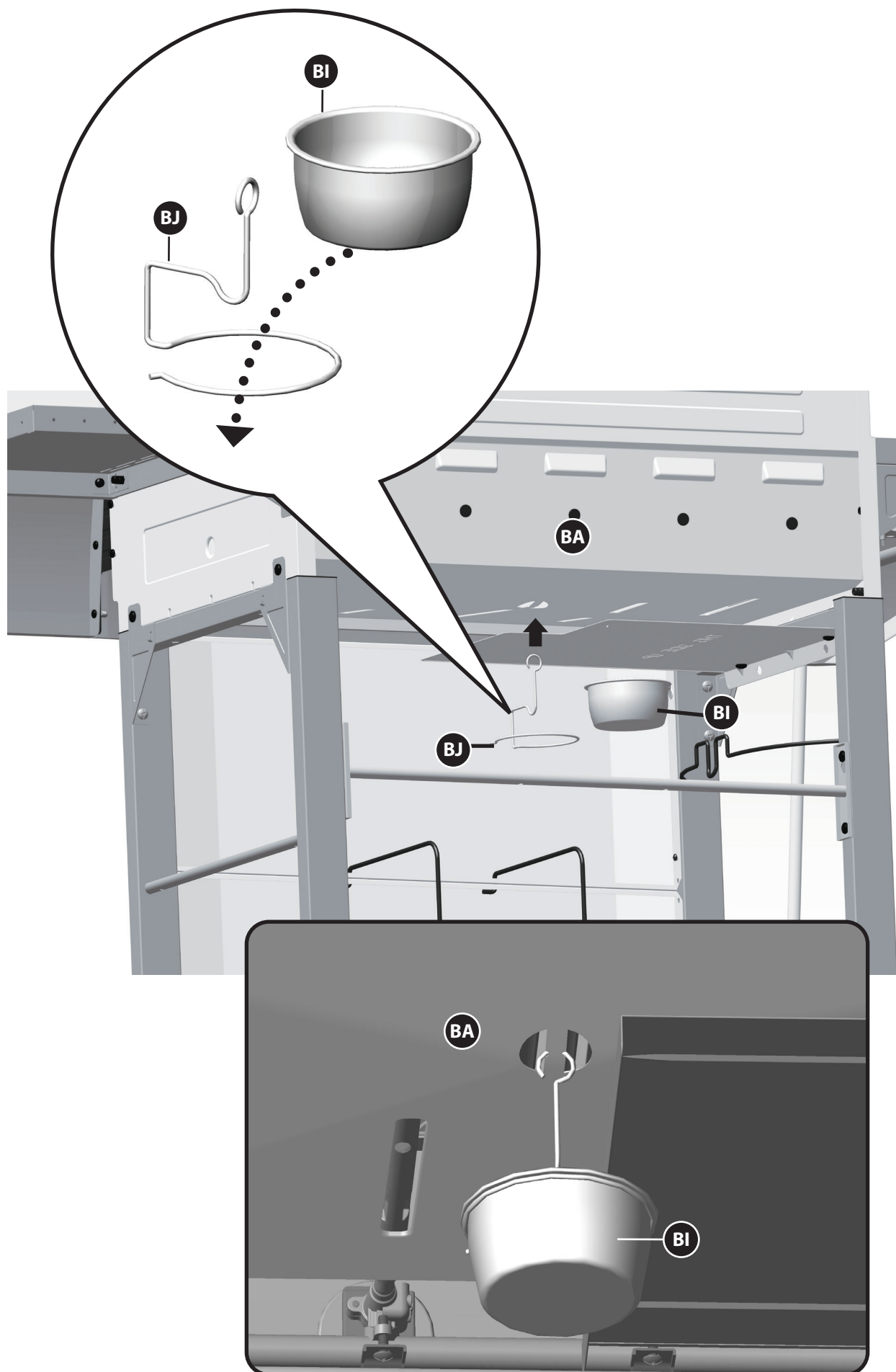
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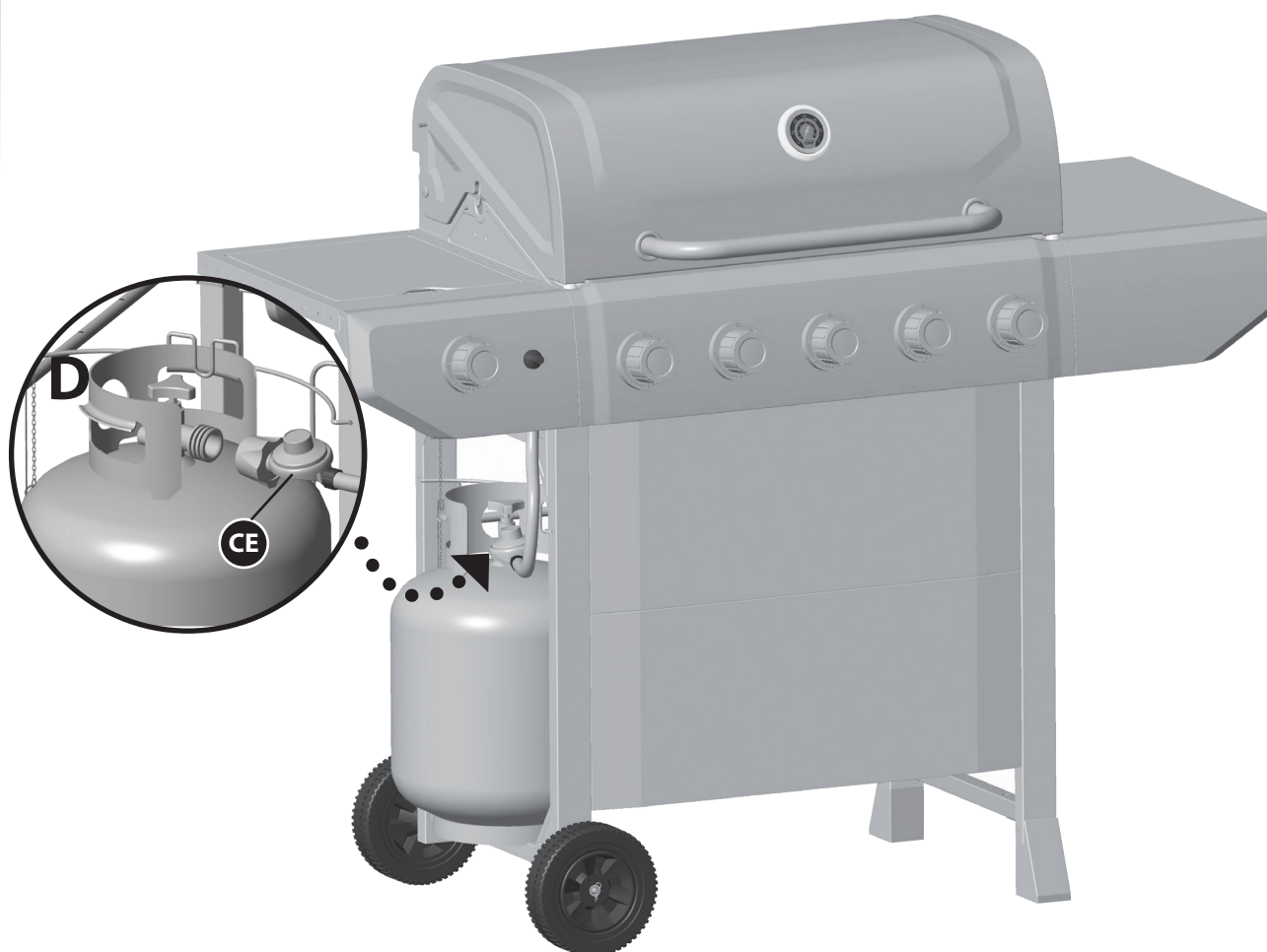
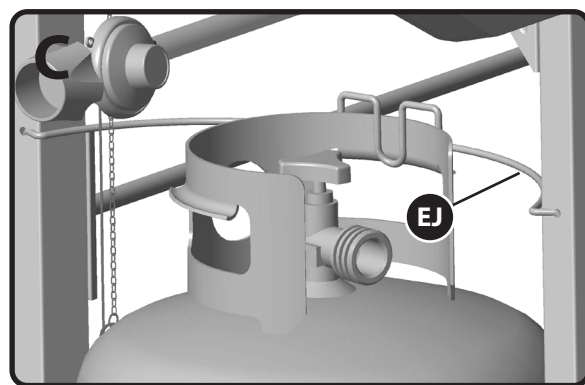
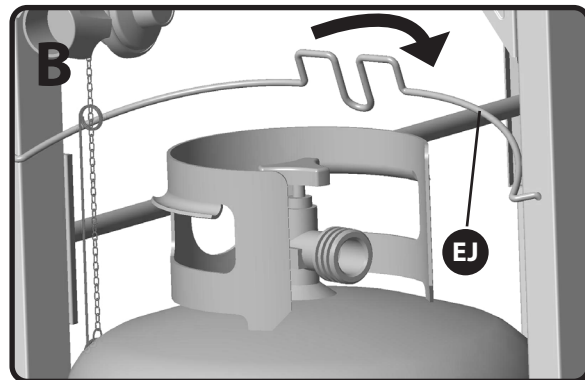
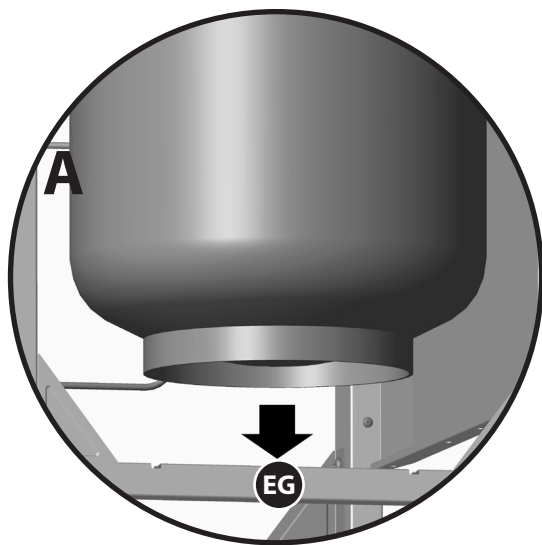
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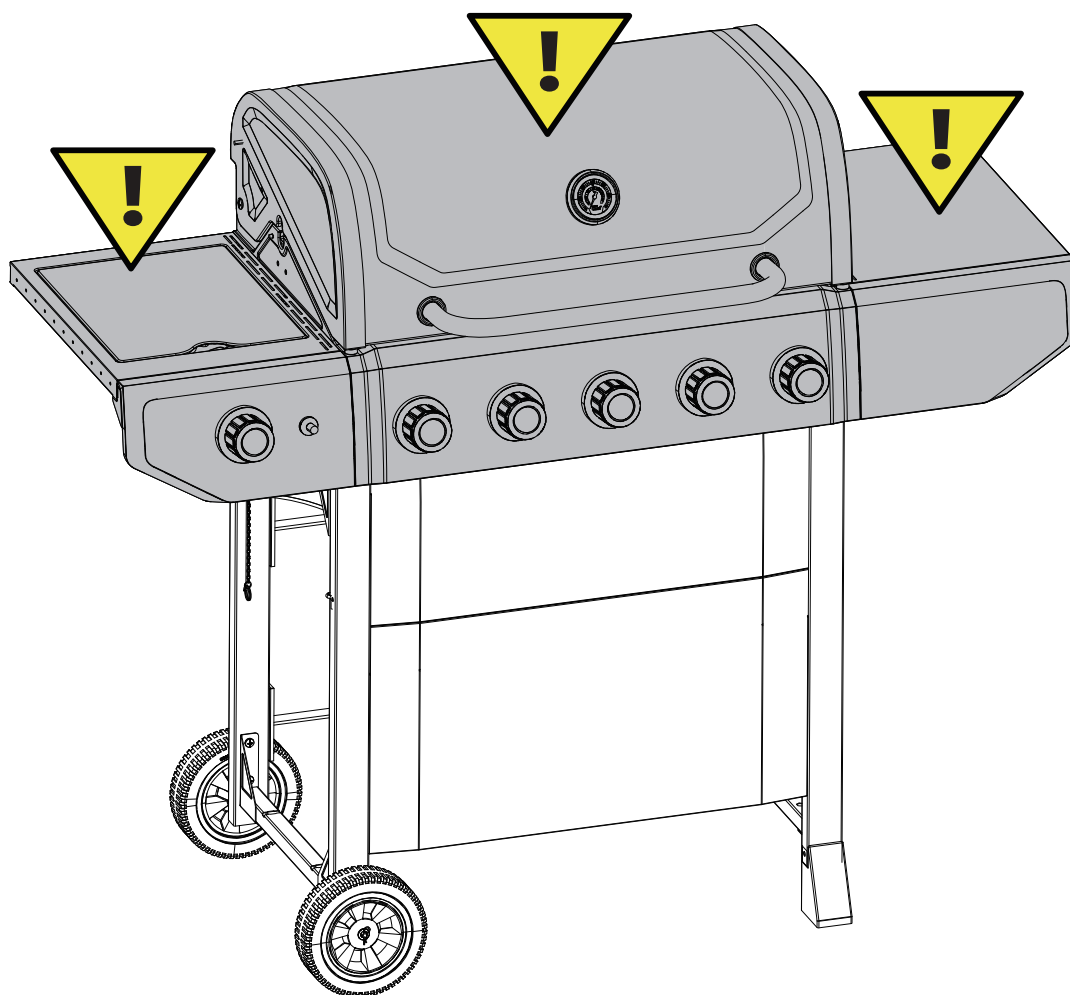
## 22



## 23



**⚠ WARNING: HOT SURFACES**



**CAUTION:**

- AVOID BURNS.
  - DO NOT TOUCH WHEN BARBECUE IS IN USE.
  - EXTREMELY HOT SURFACE.
- \* SHADED AREAS BECOME EXTREMELY HOT WHEN IN USE.*



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