

SERIAL NO./ N° DE SÉRIE



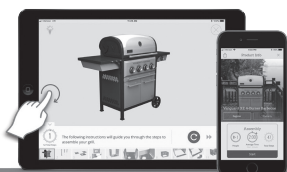
VERMONT CASTINGSTM MC

VERMONT CASTINGS VANGUARD^{TM/MC} 2-BURNER BARBECUE

ASSEMBLY MANUAL

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Before you begin



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Founded in 1975, Vermont Castings has always stood for uncompromising commitment to quality craftsmanship and meaningful design. Our wood stoves and hearth products deliver more than heat – they create a warmth that unites.

Lit with purpose, our line of Vermont Castings barbecues are designed to deliver your best grilling experience. With a durable, robust construction built to last through the years, thoughtfully constructed components that stand up to grilling in any season, and a simplified system to make maintaining your investment easier, Vermont Castings continues the promise of unwavering quality and purposeful design.

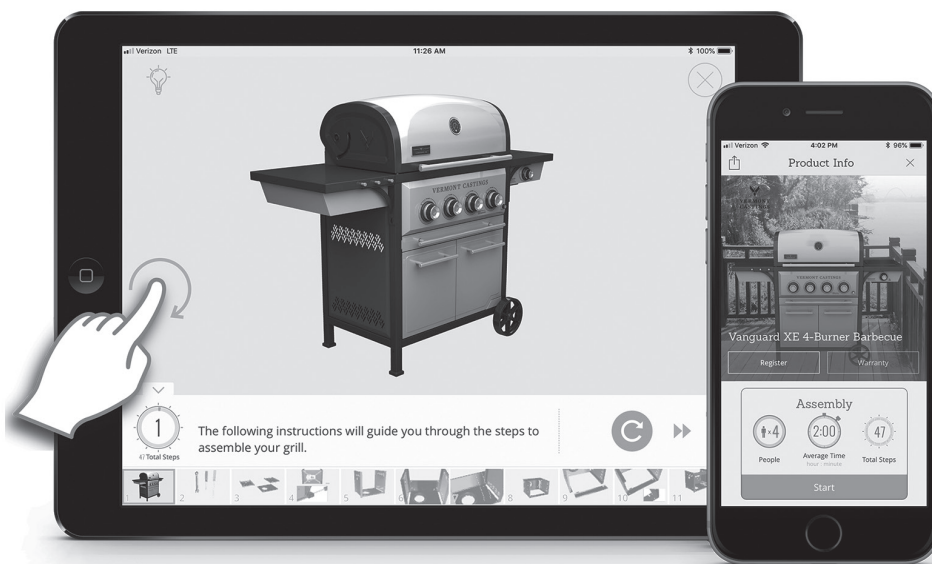
Vermont Castings barbecues do more than just grill. They let you create enduring connections around food and flame.

CONTACT US: 1-844-586-4660
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PLEASE KEEP THIS MANUAL WITH YOUR
BARBECUE FOR FUTURE REFERENCE

IMPORTANT

Easy step-by-step
interactive 3D instructions
for this product can be found in



BILT. INTELLIGENT INSTRUCTIONS

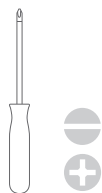


Available on most iOS and Android Devices

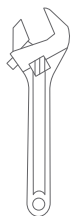
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TOOLS REQUIRED



Screwdrivers



Wrench



4 People

HARDWARE PACK

PART NO.	DESCRIPTION	PHOTO	QTY
1	¼"-20UNC x 13 Screw		37
2	NO.10-24UNC x 13 Screw		36
3	ST4.8 x 10 Tapping Screw		2
4	Wheel Bushing		3
5	Pin, Wheel		1
6	Spacer, Door Handle		2
7	Pin, Main Burner		2
8	NO.10-24UNC x 18 Screw		2

SYMBOLS



HEAVIEST END



SYMBOLS: THESE SYMBOLS ARE USED THROUGHOUT THIS ASSEMBLY MANUAL TO EMPHASIZE CRITICAL AND IMPORTANT PART INFORMATION.

PARTS

ITEM NO.	QTY.	DESCRIPTION	PART NO.
AA	1	Top Lid Assembly	G366-2400-02
AB	1	Lid Handle	G366-0037-01
AC	1	Thermometer	G366-0035-01
AD	2	Top Lid screw & hitch pin	G366-0038-02
AE	2	Lid Bumper, Front	G366-0050-01
AF	2	Lid Bumper, Rear	G560-5002-01
BA	1	Burner Box Assembly	G366-2200-01
BB	1	Top Frame	G366-0100-01
BC	2	Main Burners	G366-0400-01
BD	2	Electrode Set 600mm, Main Burner	G366-0030-01
BE	2	Heat plate	G366-0031-01
BF	2	Cooking Grate	G366-0032-01
BG	2	Heat Shield, Burner Box	G366-0048-01
BH	1	Warming Rack	G366-0033-01
BI	1	Match Holder	G570-0035-01
CA	1	Control Panel	G366-0009-01
CB	1	Heat Shield, Control Panel	G366-0049-01
CC	2	Control Knob	G366-1500-01
CD	2	Bezel, Control Knob	G366-0010-01
CE1	1	Electronic Ignition Module	G366-0006-01
CE2	1	Battery Cover	G366-0006-02
CE3	1	Ignition Switch	G366-0011-01
CF	1	Manifold Assembly	G366-1400-01
CG	1	Regulator	G312-1004-01
CH	1	Regulator Bracket	G366-0046-01
CI	1	Metal Hose	G508-0024-01
CJ	1	Front Brace with Door Magnet	G366-1900-01
CK	1	Hose Connector	G537-0002-01
DA	1	Grease Drawer Assembly	G366-2100-01
DB	1	Replacement Liner	G366-0022-01
DC	1	Grease Pan	G366-0021-01

ITEM NO.	QTY.	DESCRIPTION	PART NO.
EA	1	Side Shelf Table, Left	G366-0039-01
EB	3	Tool Hooks	G366-0041-01
EC	1	Side Shelf Table, Right	G366-0040-01
ED	4	Side Shelf folding Support Brace	G366-2600-01
FA	1	Front Leg, Left (F1)	G366-1001-01
FB	1	Back Leg, Left (F1)	G366-1002-01
FC	1	Cart Side Panel, Left (F1)	G366-1003-01
FD	1	Front Leg, Right (F2)	G366-1101-01
FE	1	Back Leg, Right (F2)	G366-1102-01
FF	1	Upper Cart Side Panel, Right (F2)	G366-1103-01
FG	1	Lower Cart Side Panel, Right (F2)	G366-1104-01
FH	1	Cylinder support	G366-0024-02
FI	1	Tank Base Support	G366-0023-01
FJ	1	Upper Back Panel	G366-0008-01
FK	1	Lower Back Panel	G366-0007-01
FL	1	Door Assembly	G366-2000-01
FM	1	Lower Door Brace	G366-0015-01
FN	1	Door Handle	G366-0018-01
FO	1	Tank Exclusion Brace	G366-0014-01
FP	1	Bottom Panel	G366-0001-01
GA	2	Feet	G366-0002-01
GB	2	Caster with Lock	G357-0034-01
GC	2	Wheel	G366-1200-01
GD	1	Wheel Axle	G366-0003-01
H1	1	Hardware Pack	G366-B001-01
H2	1	Assembly Manual	G366-M001-01
H3	1	User Manual	G366-M001-02

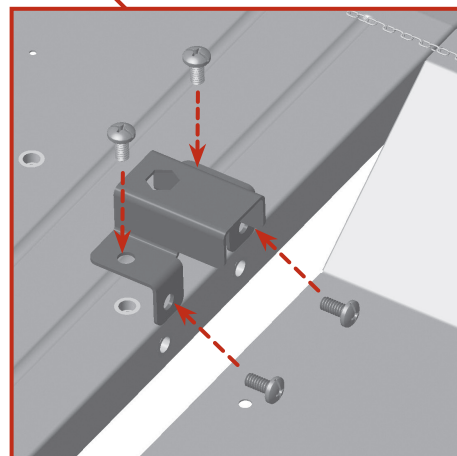
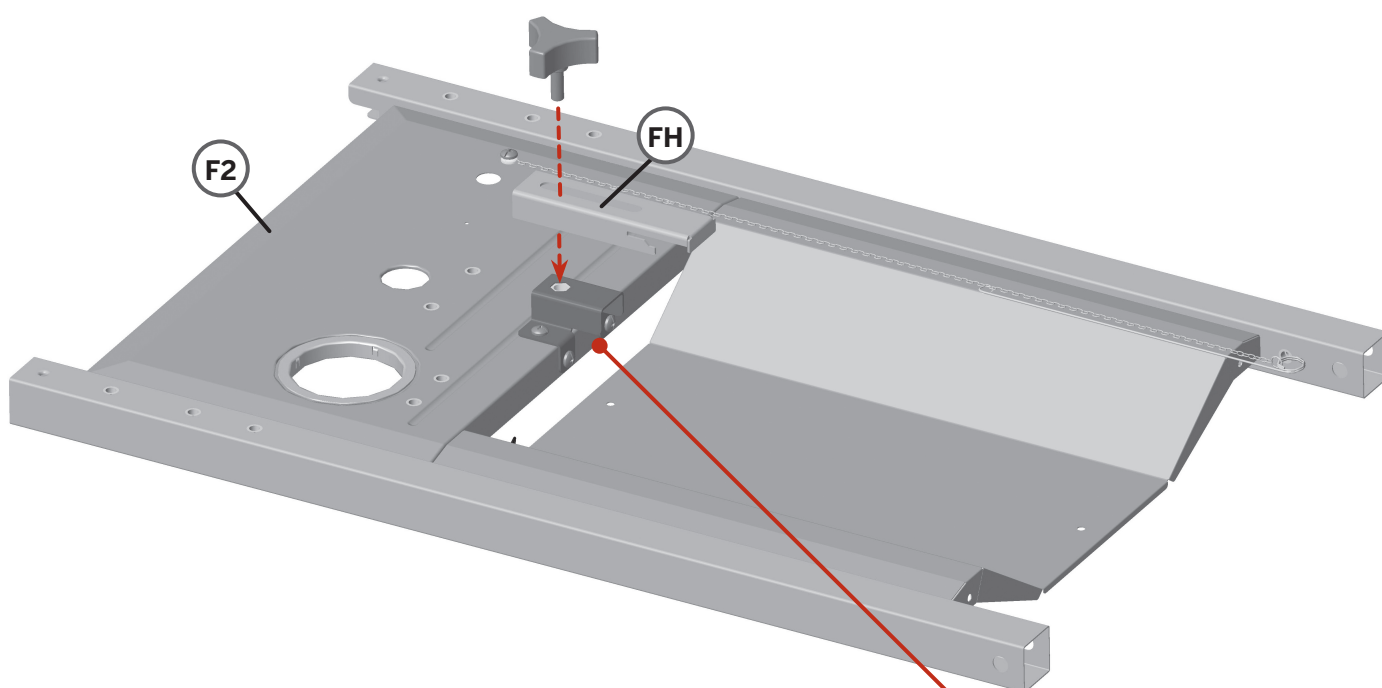
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BUILD IT

STEP 1A



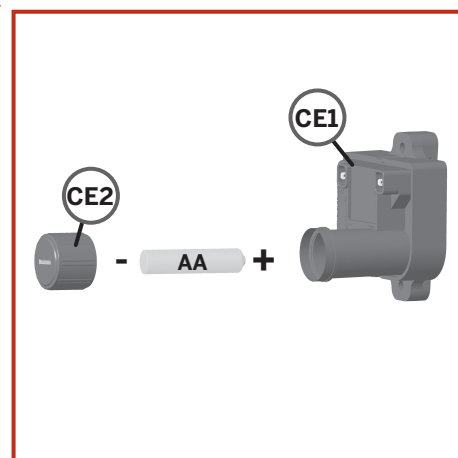
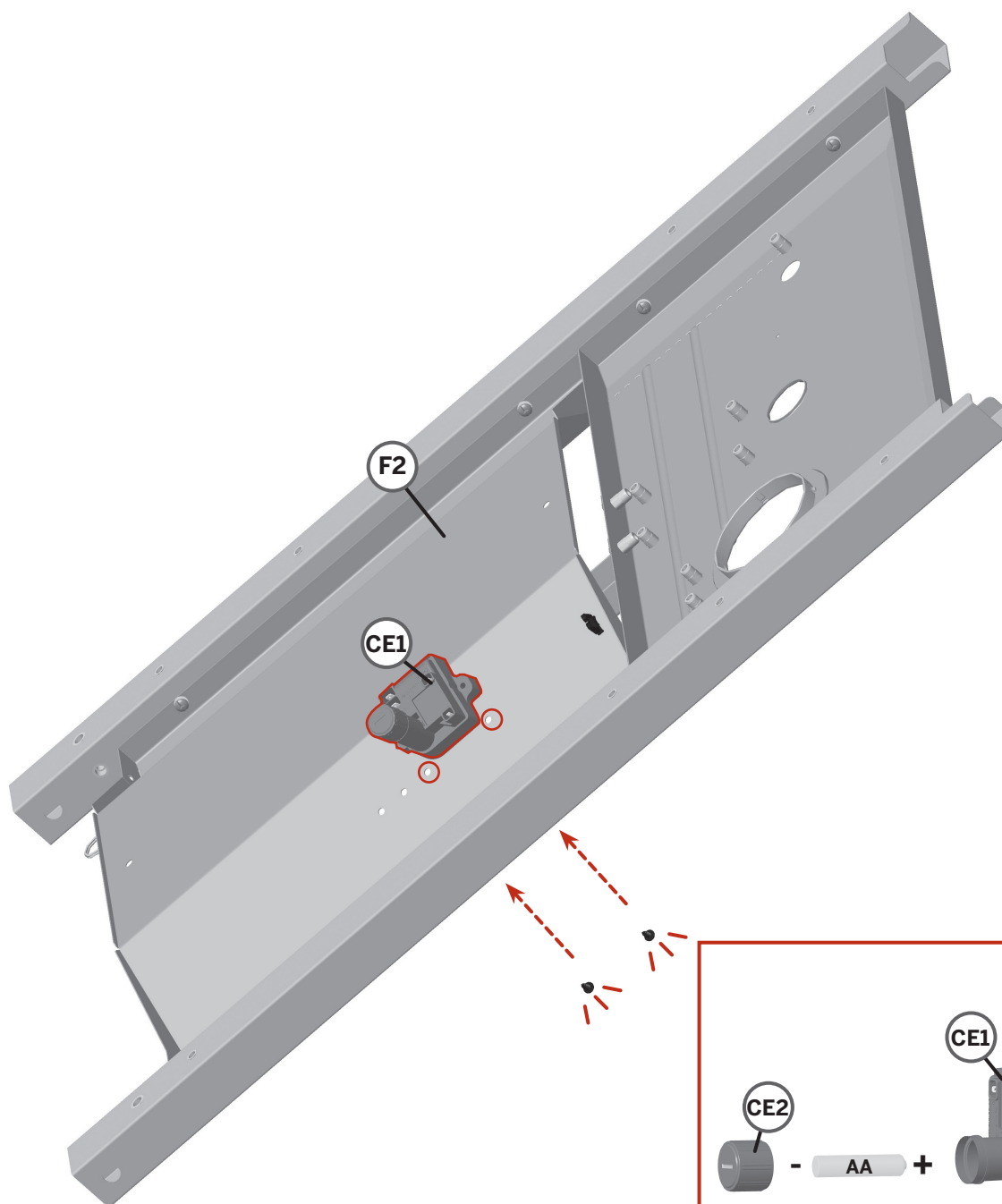
Assemble on a **FLAT** and **SOFT** surface to avoid damage.



BUILD IT

STEP 1B

3 x2 



BATTERY NOT INCLUDED.

BUILD IT

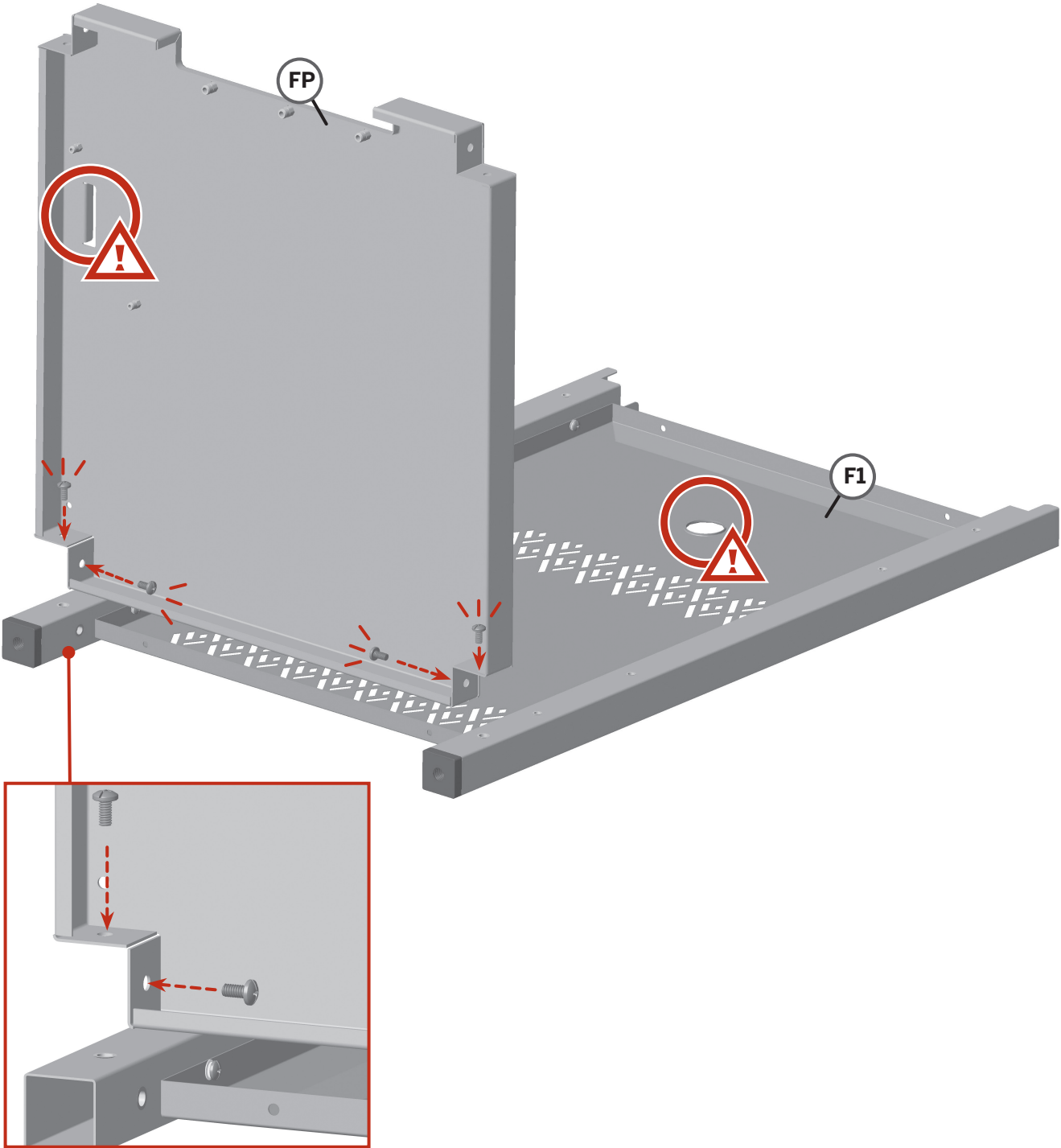
STEP 2A

1

x4



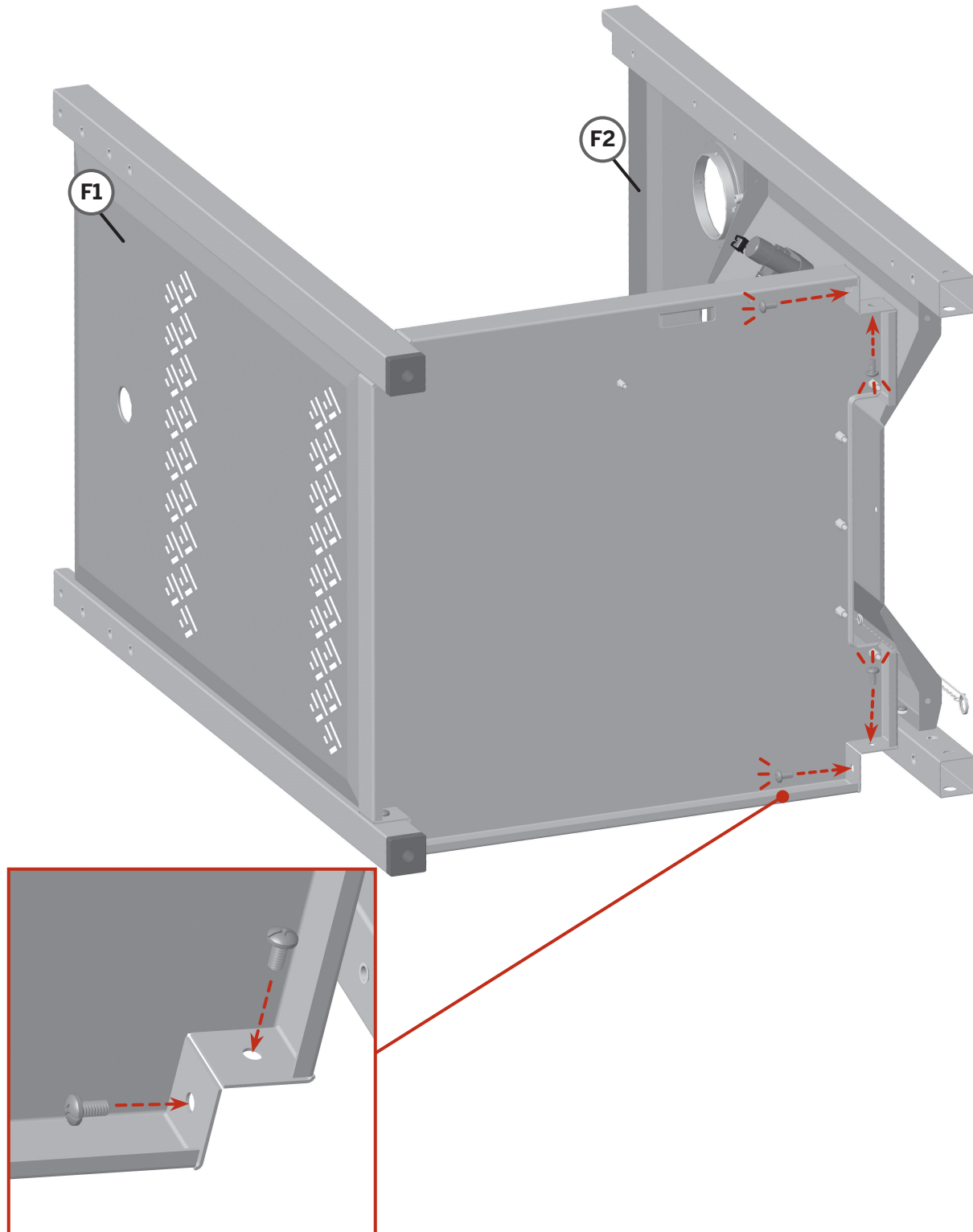




BUILD IT

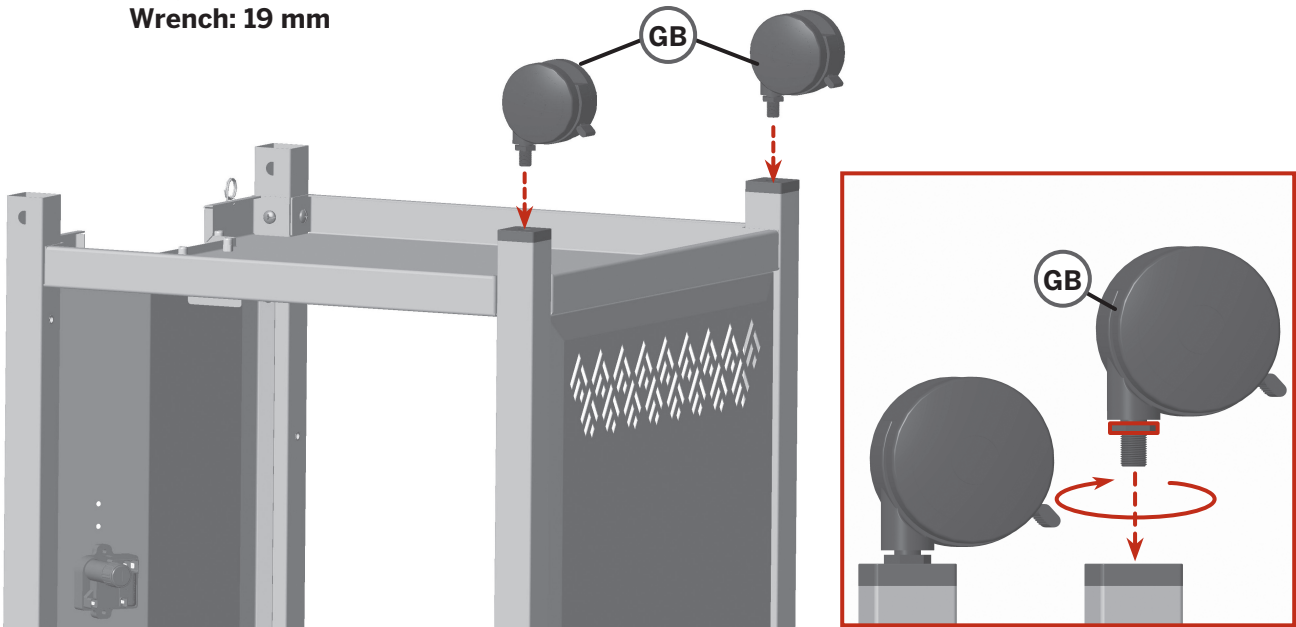
STEP 2B

1 x4

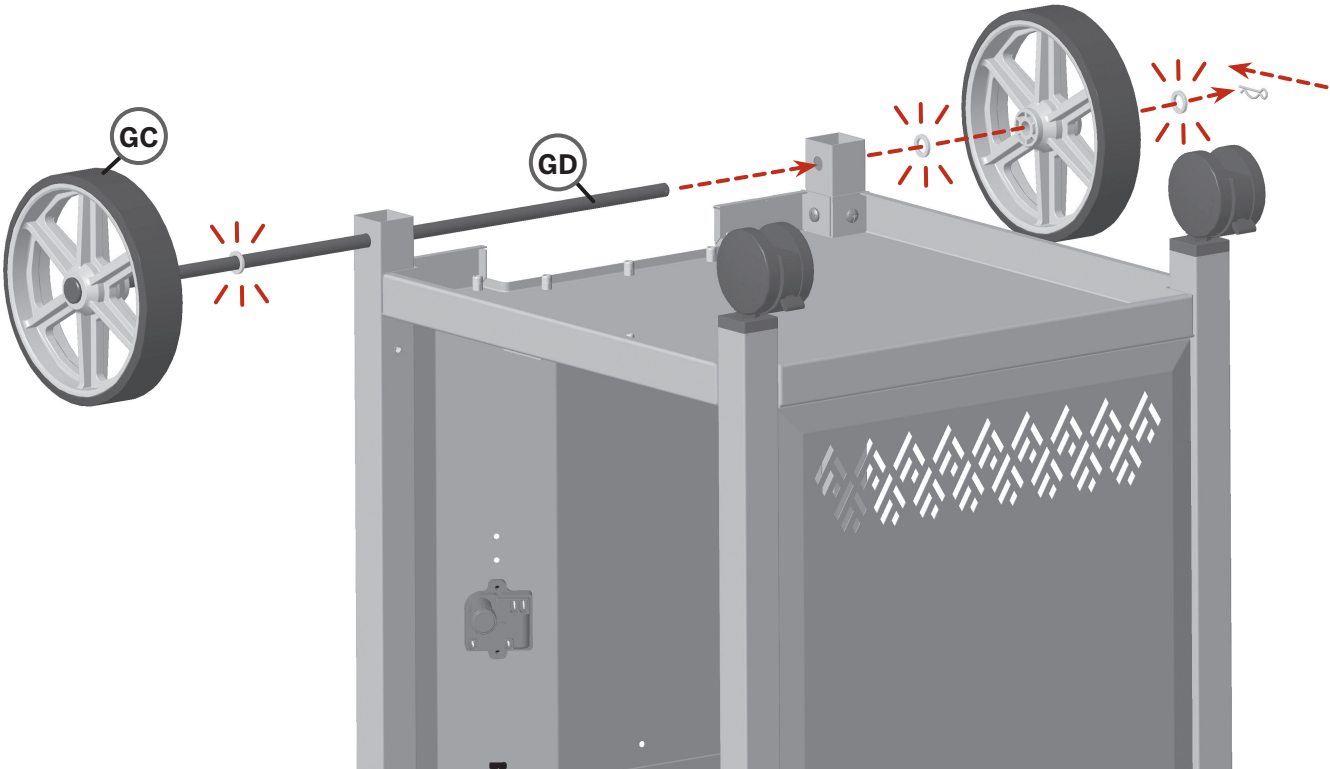


BUILD IT

STEP 3A



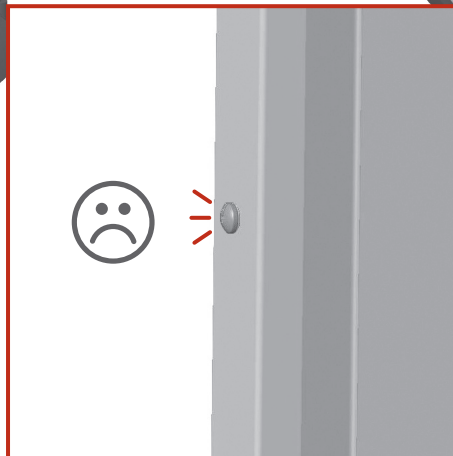
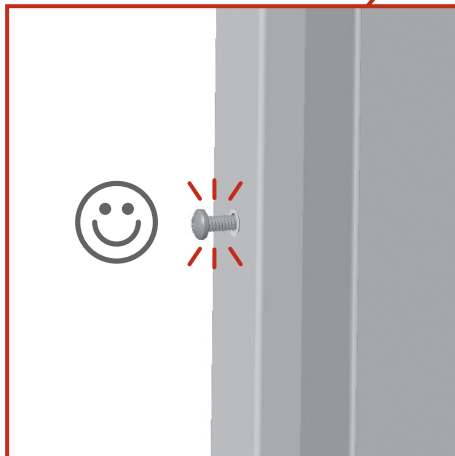
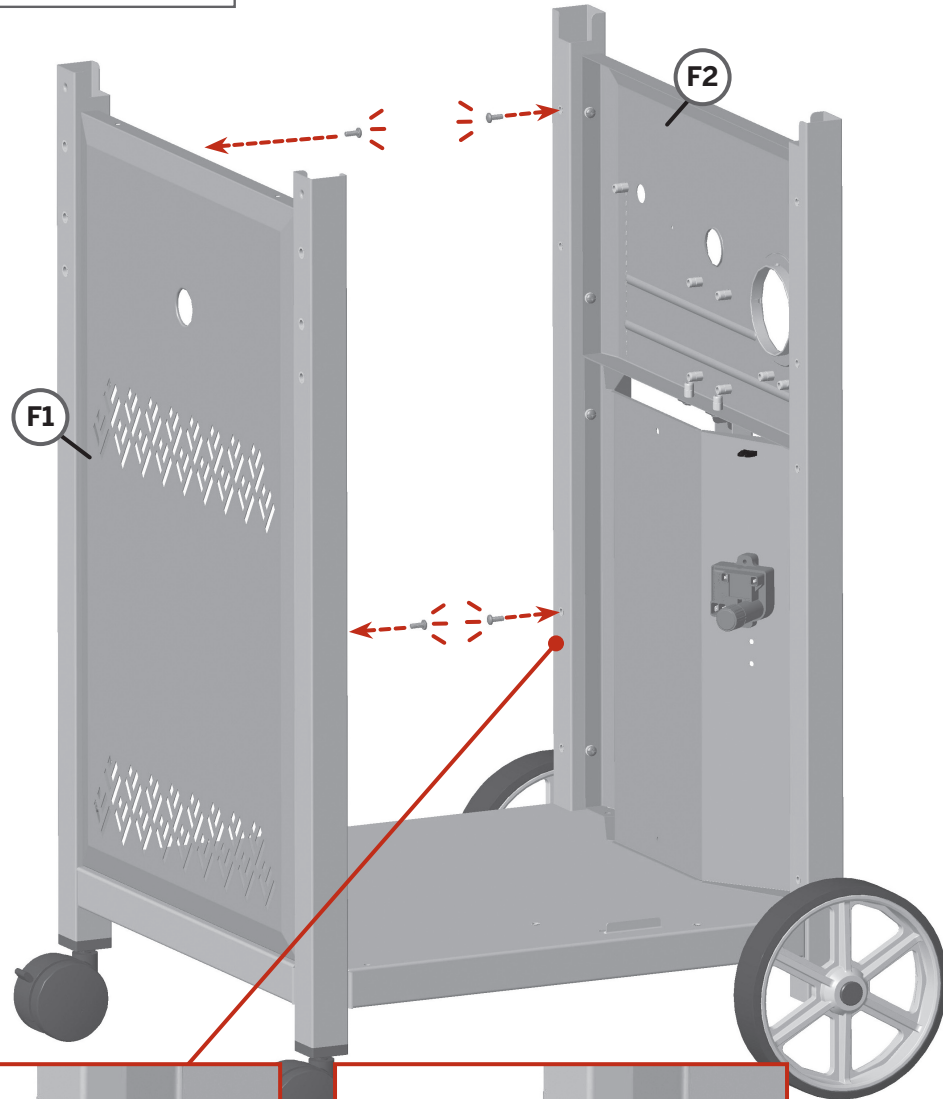
STEP 3B



BUILD IT

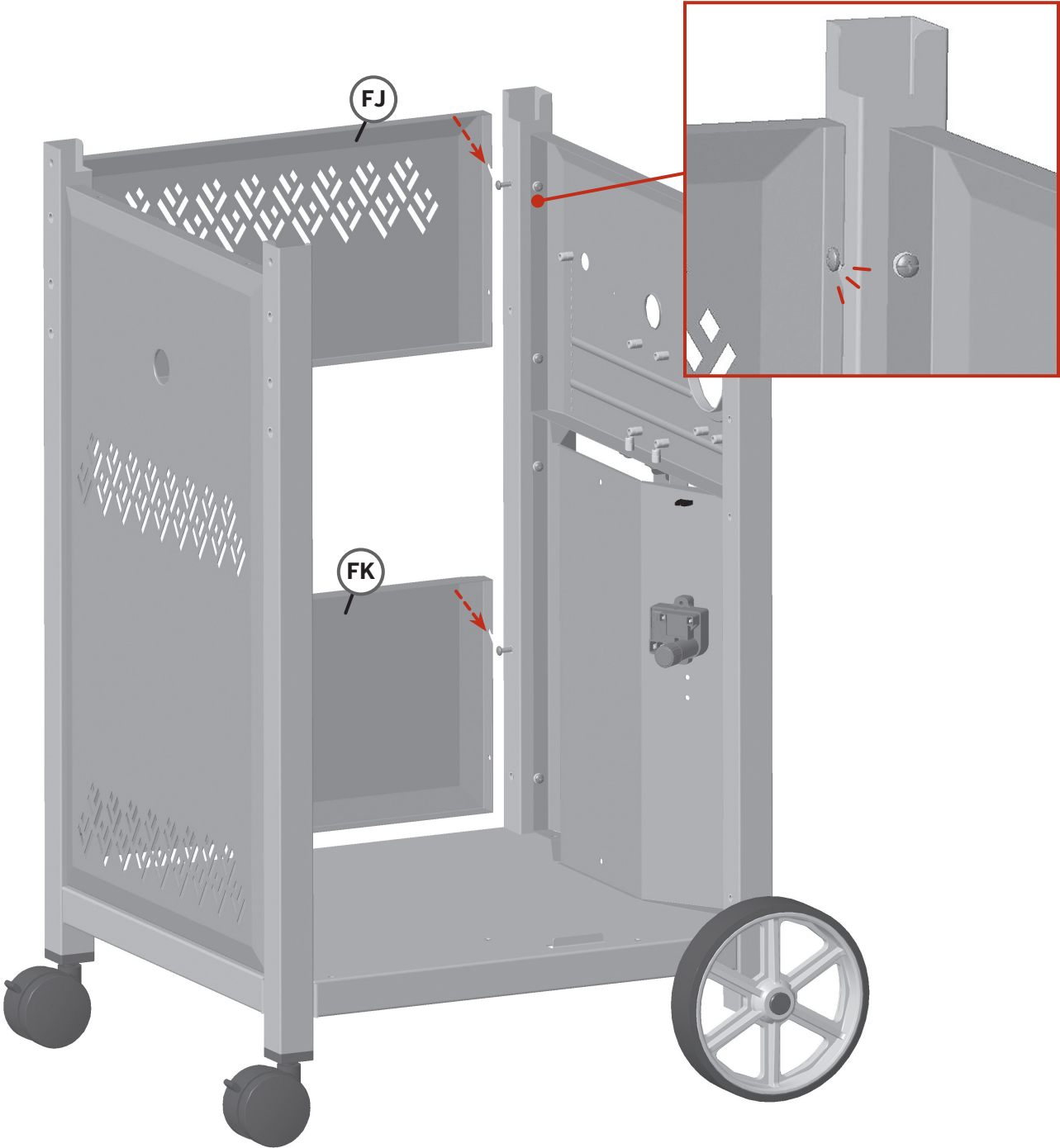
STEP 4A

2 x4 



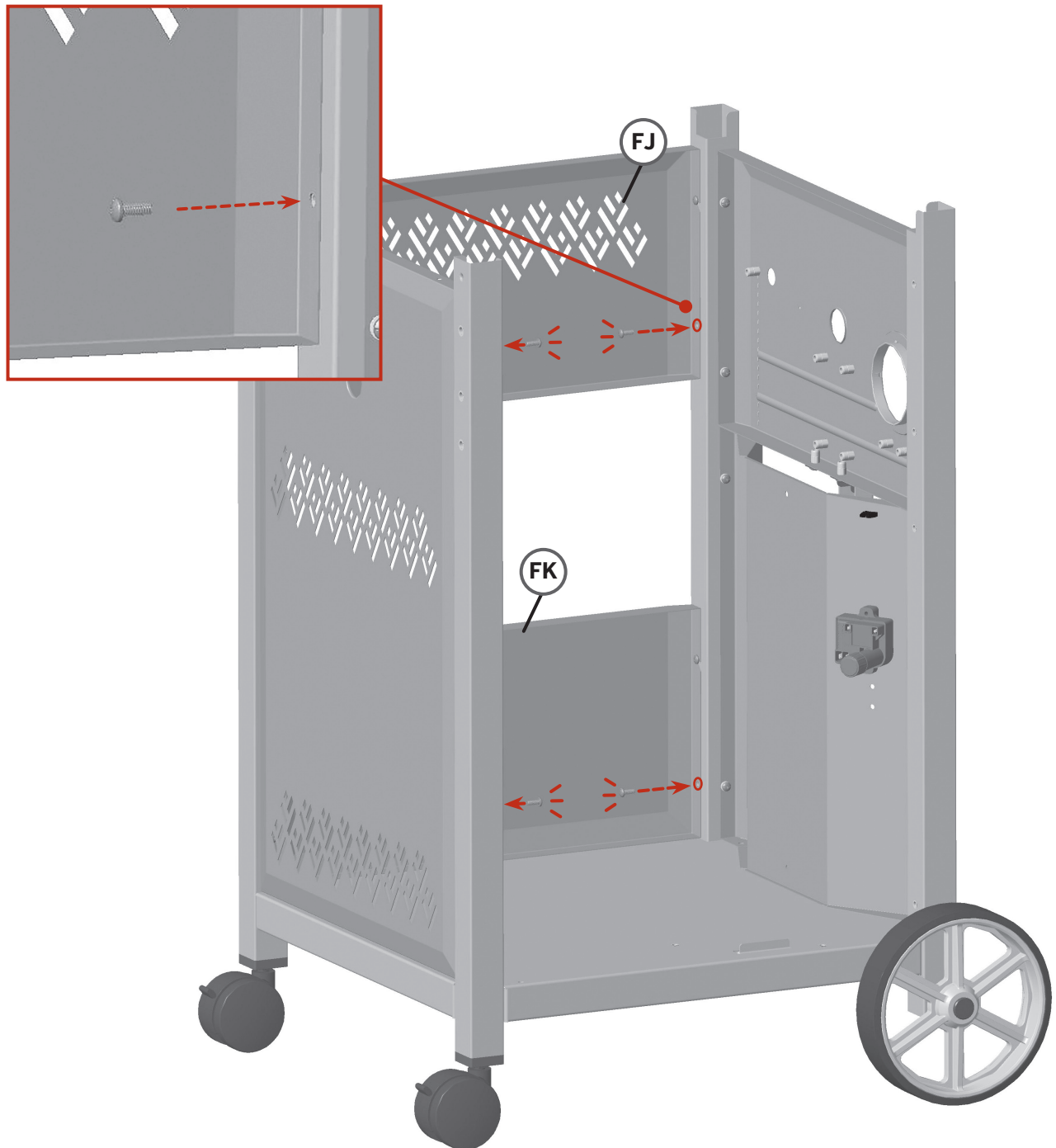
BUILD IT

STEP 4B



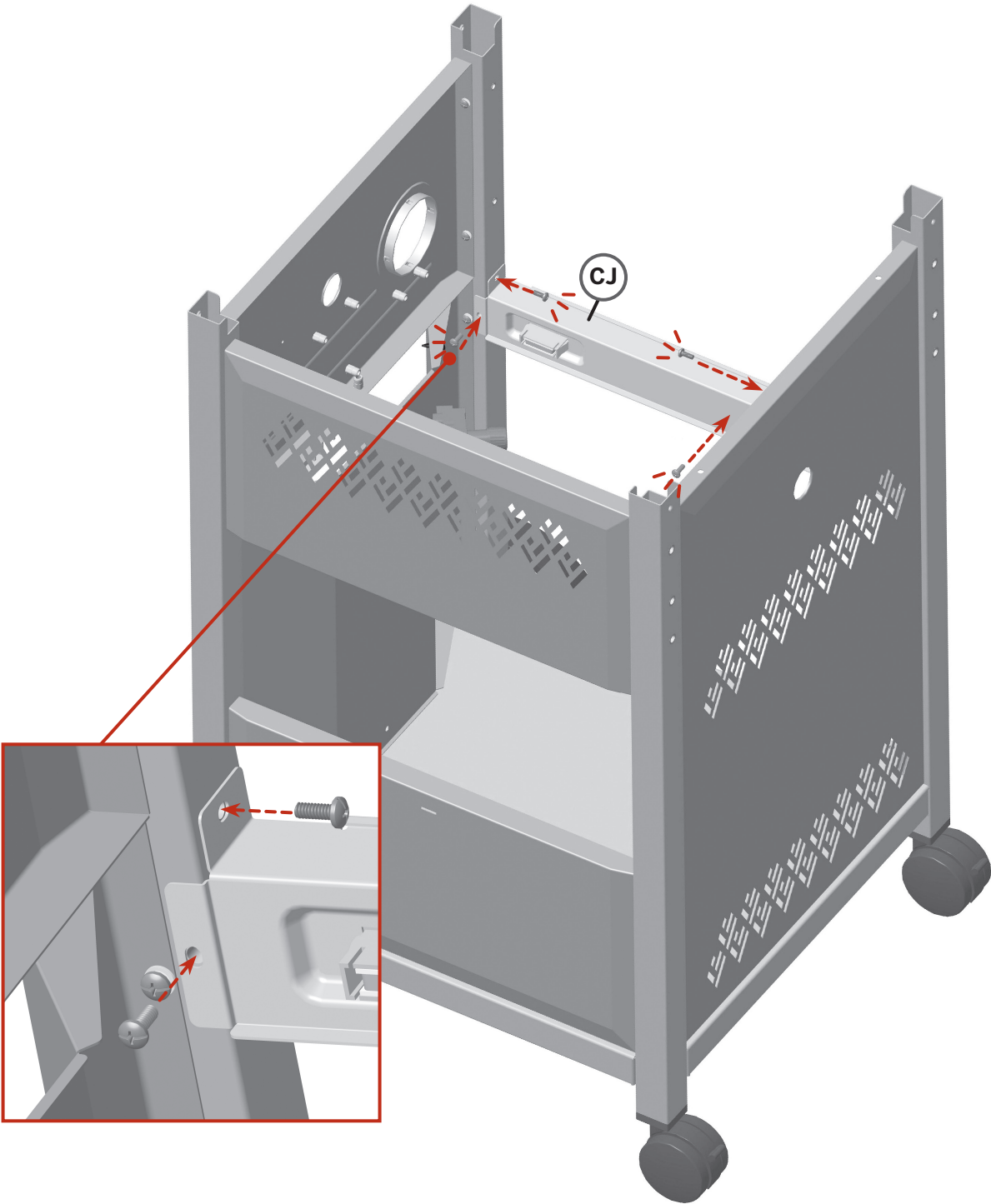
BUILD IT

STEP 4C



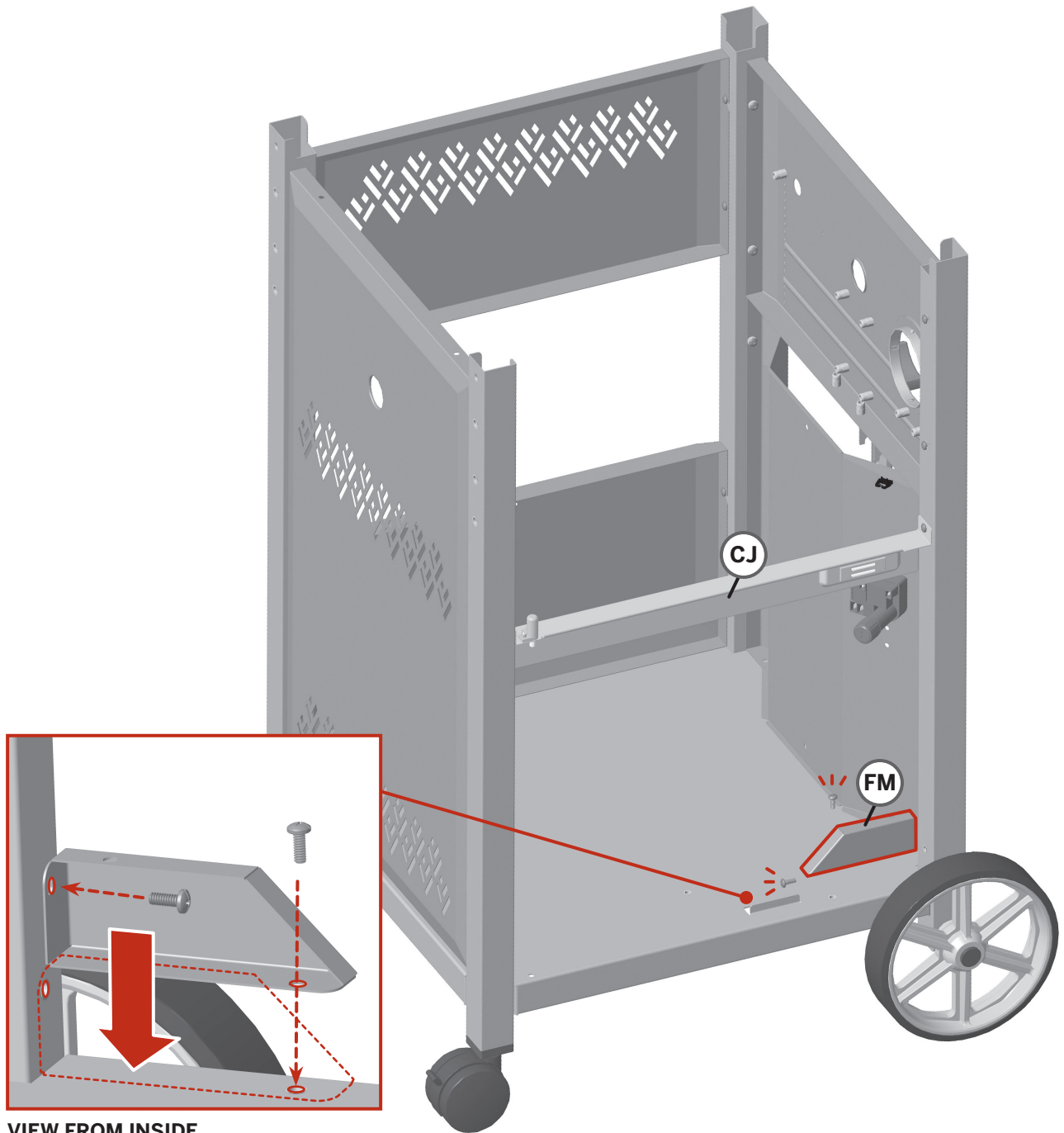
BUILD IT

STEP 4D



BUILD IT

STEP 5



VIEW FROM INSIDE

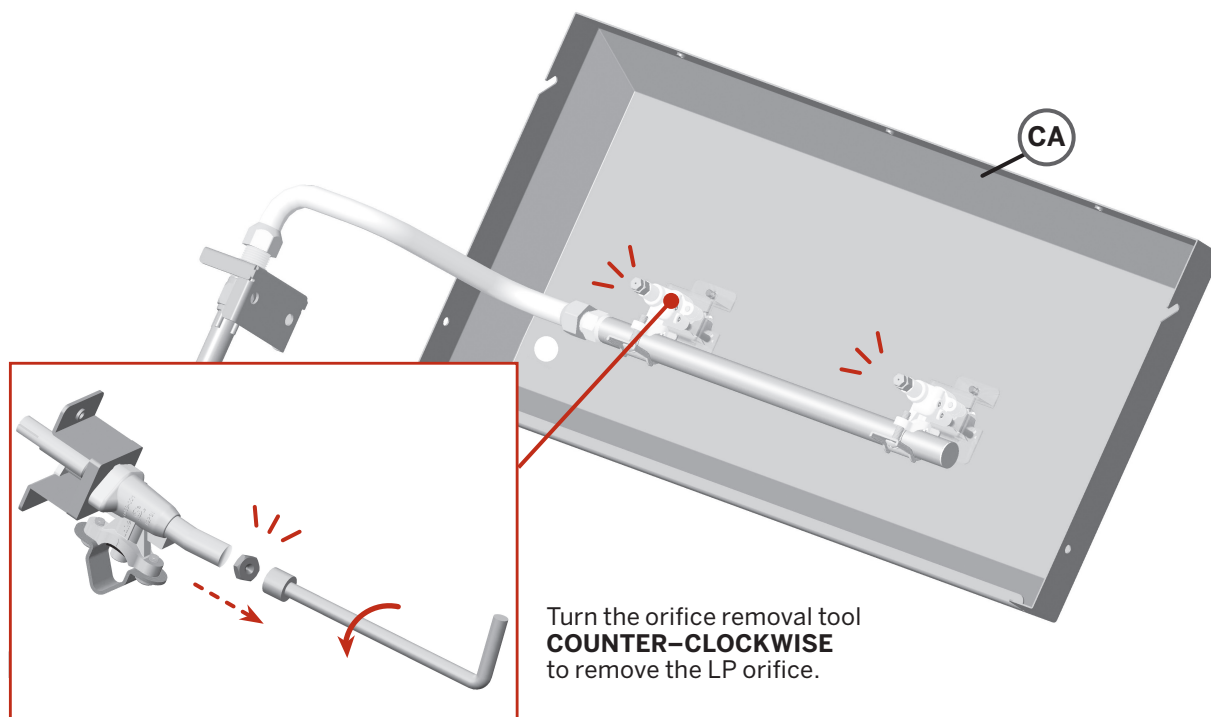
BUILD IT

STEP 6A



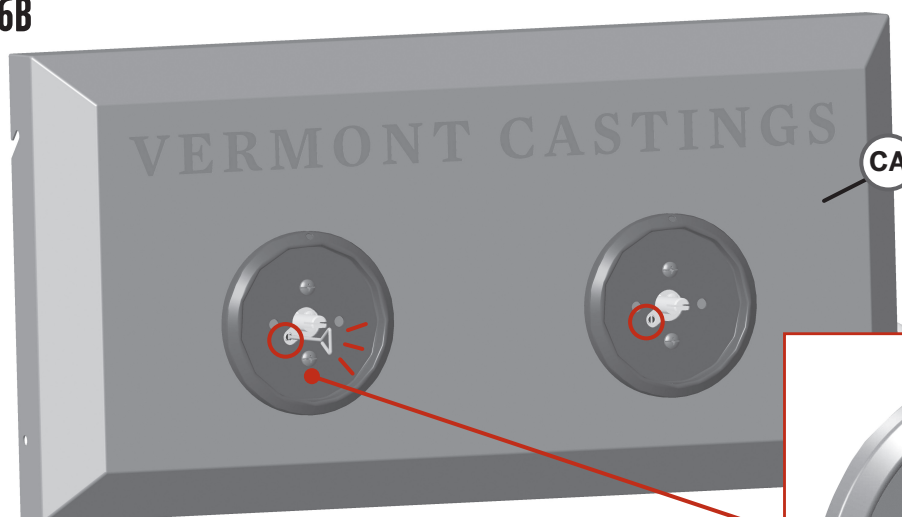
FOR NATURAL GAS CONVERSION CUSTOMERS ONLY

You will need a **Convertible Valve System Kit (Model 085-2261-4)** in this step. See **Steps 3 and 4B** in manual included with this kit. Once complete proceed to the next step.



Turn the orifice removal tool **COUNTER-CLOCKWISE** to remove the LP orifice.

STEP 6B

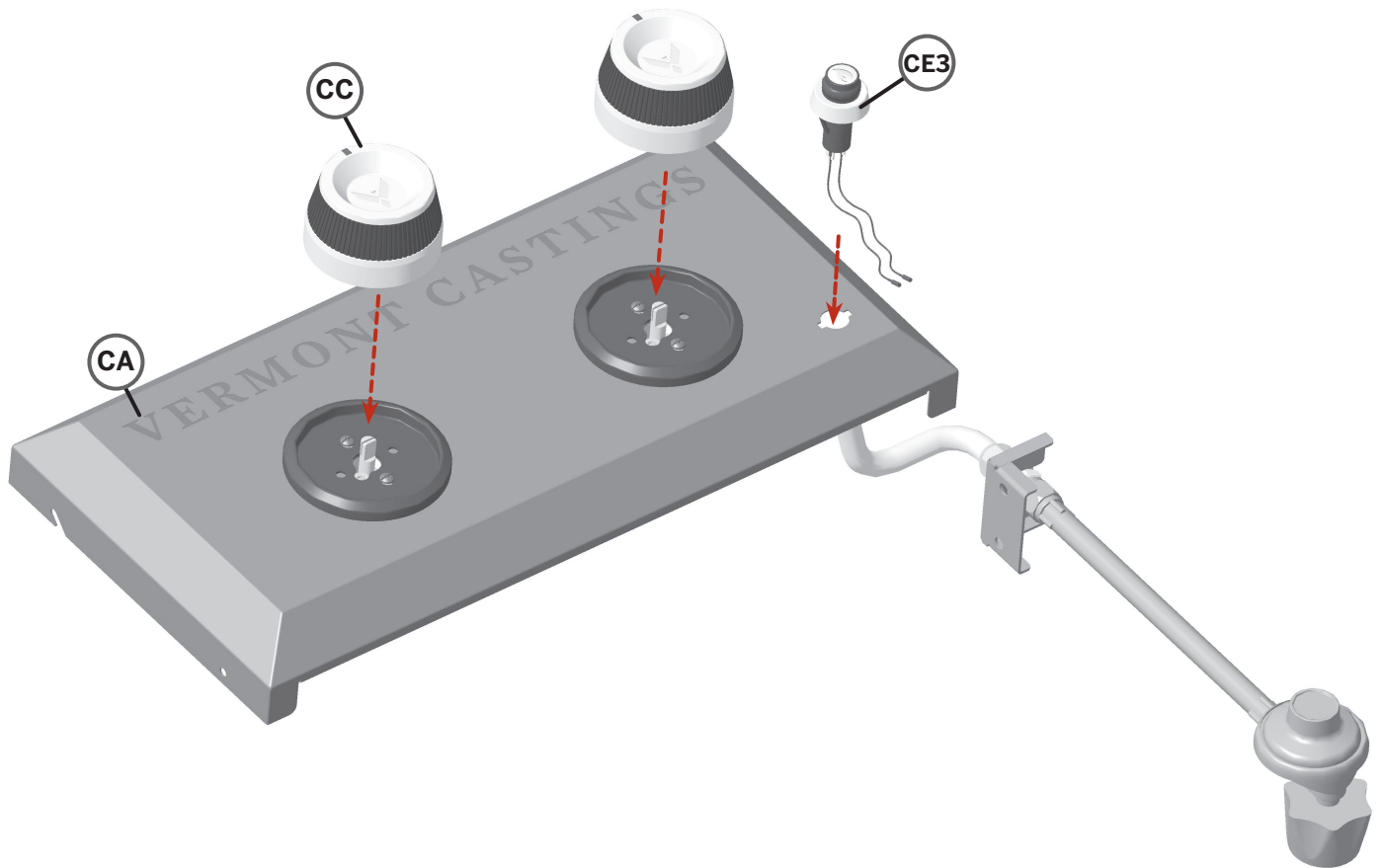


Locate the switch screw circled in the diagram. Using the screwdriver supplied with this kit, turn the screw **COUNTER-CLOCKWISE 3-5 TURNS** until it stops, to complete the valve conversion.



BUILD IT

STEP 6C



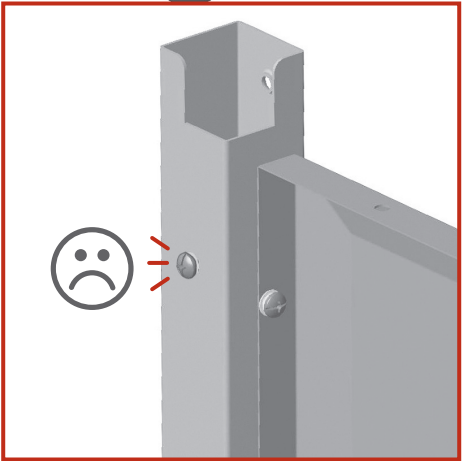
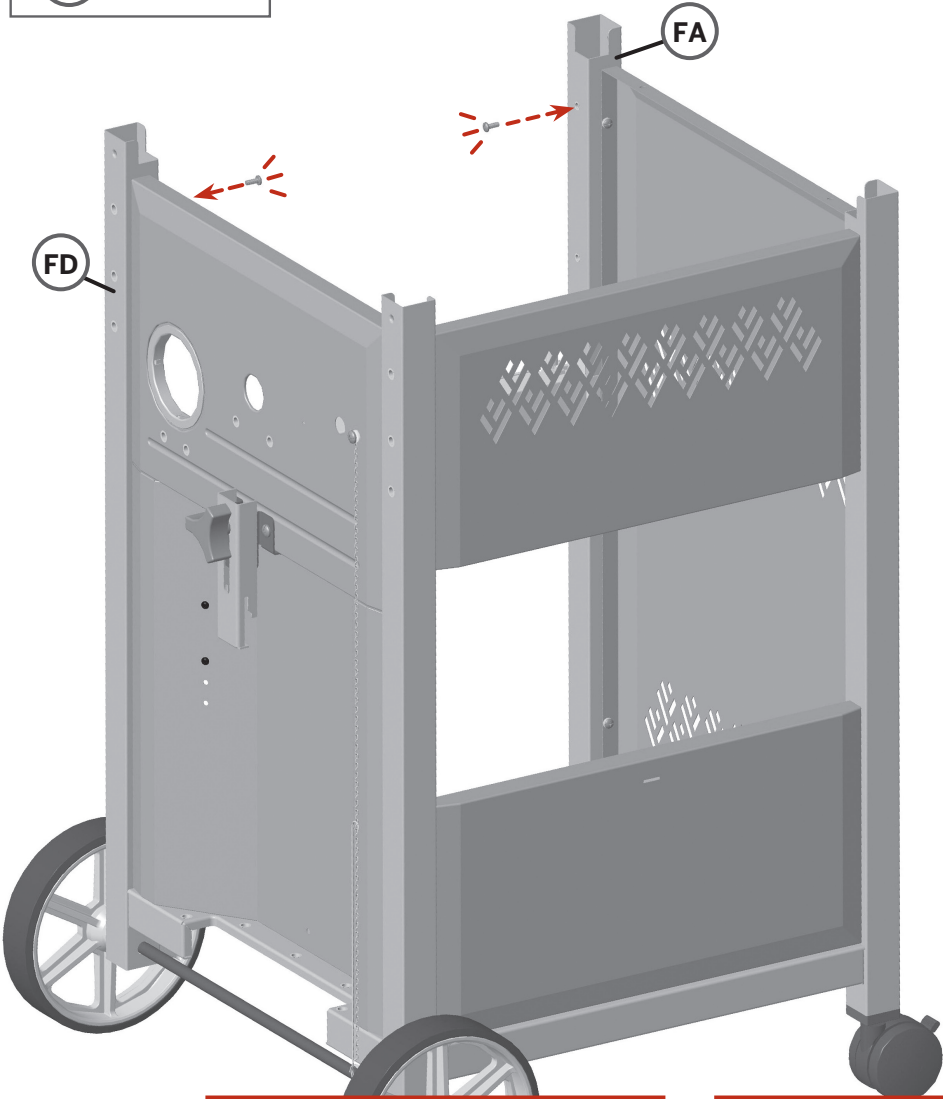
BUILD IT

STEP 6D

2

x2

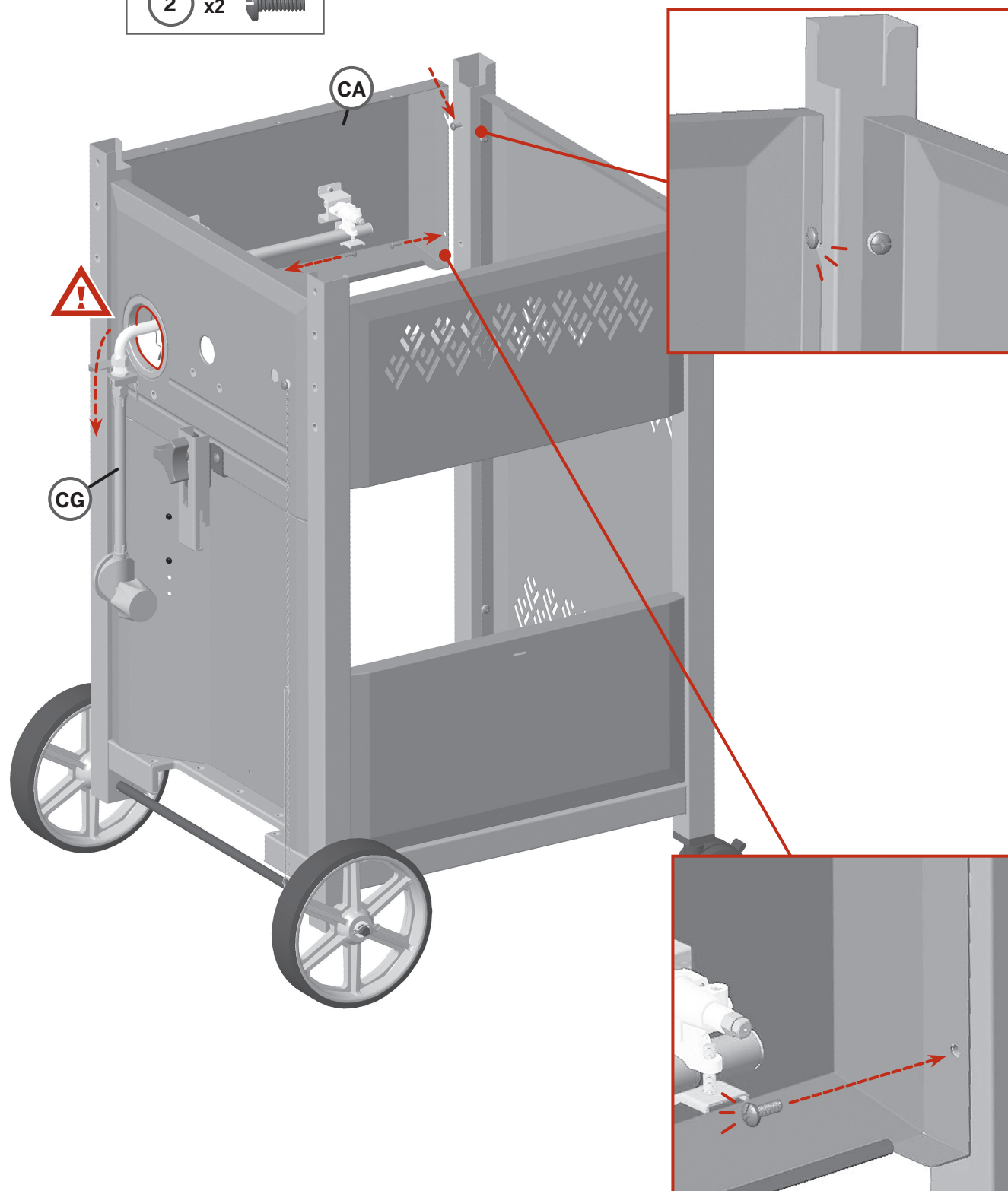




BUILD IT

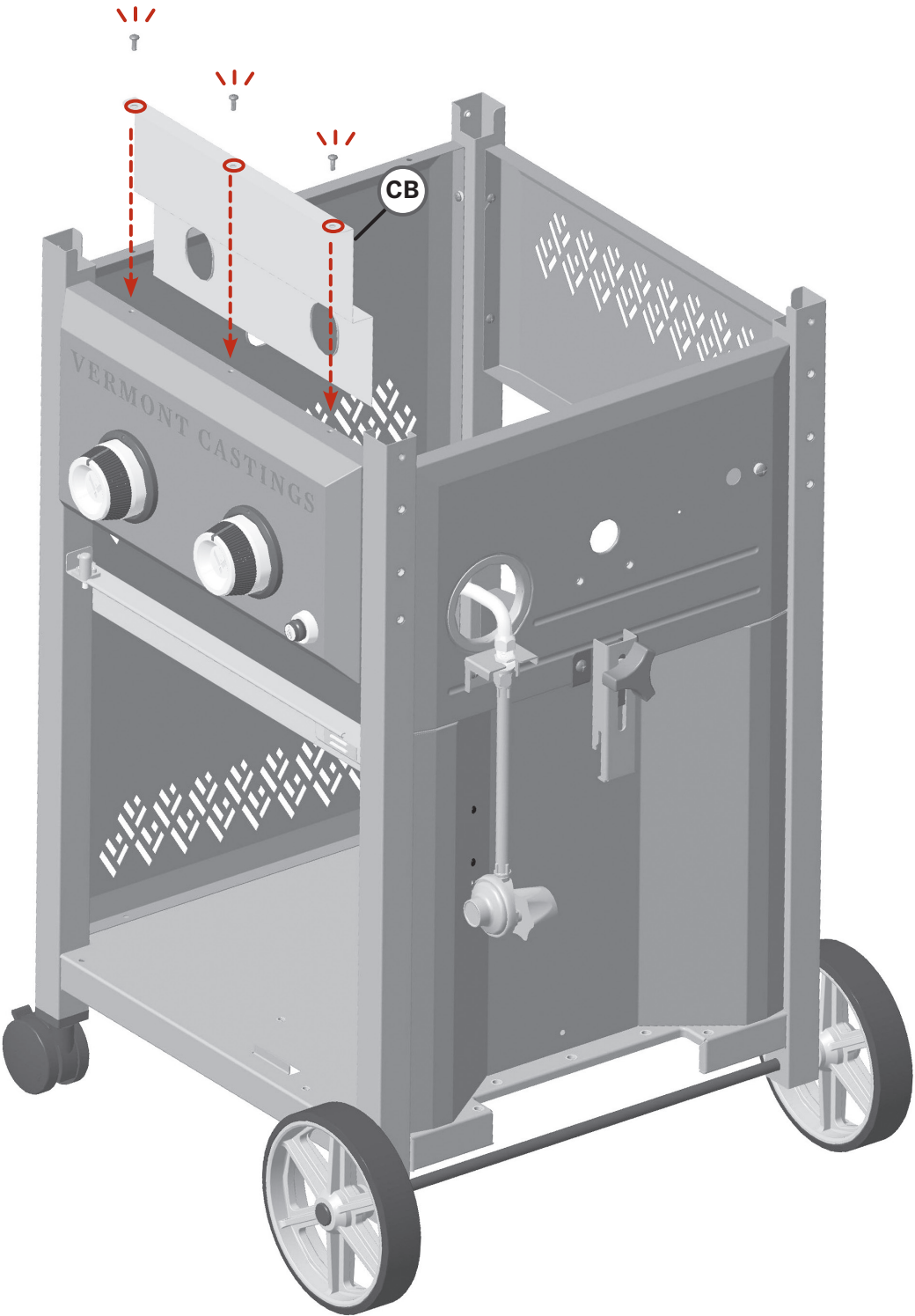
STEP 6E

2 x2 



BUILD IT

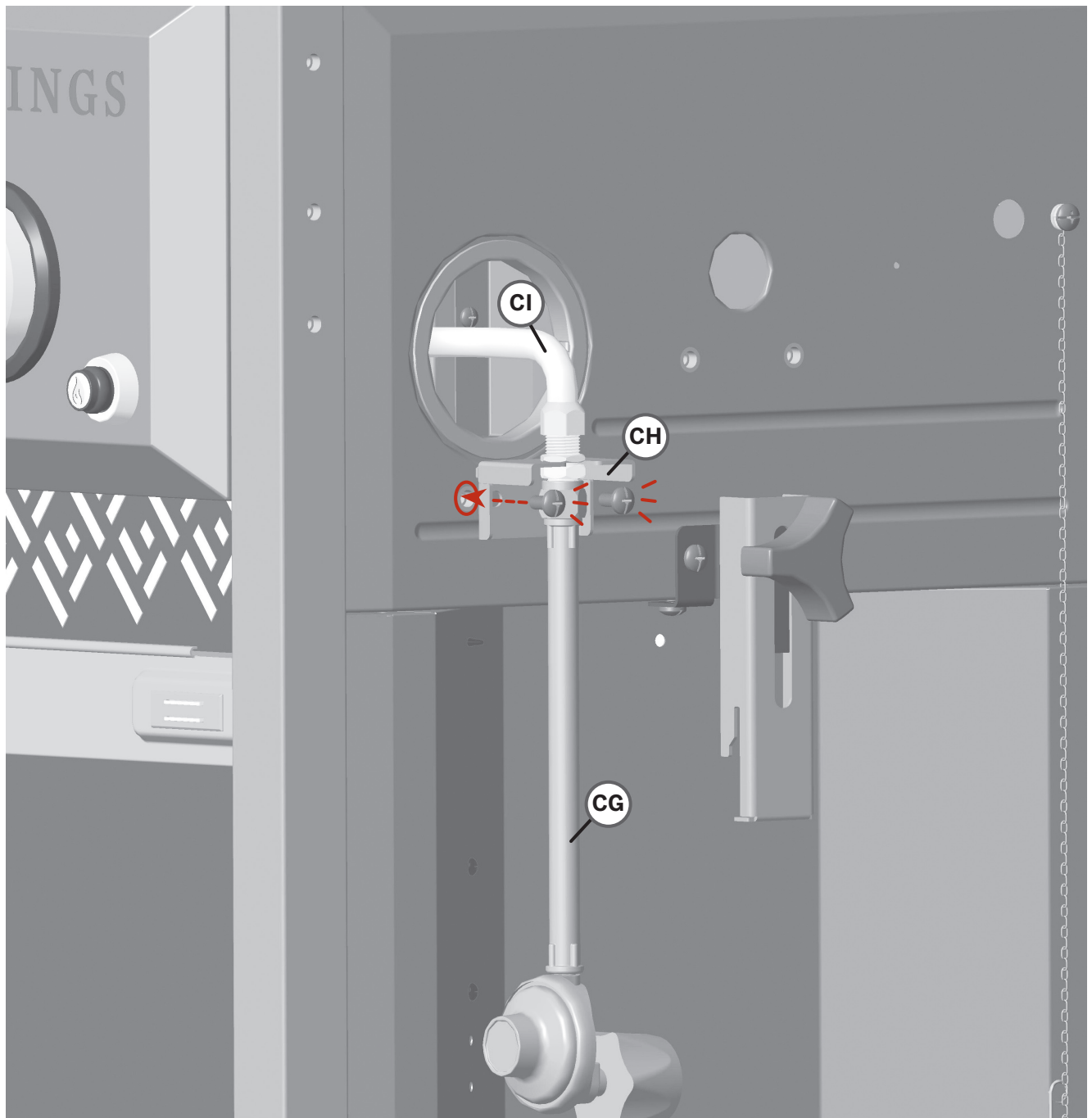
STEP 6F



BUILD IT

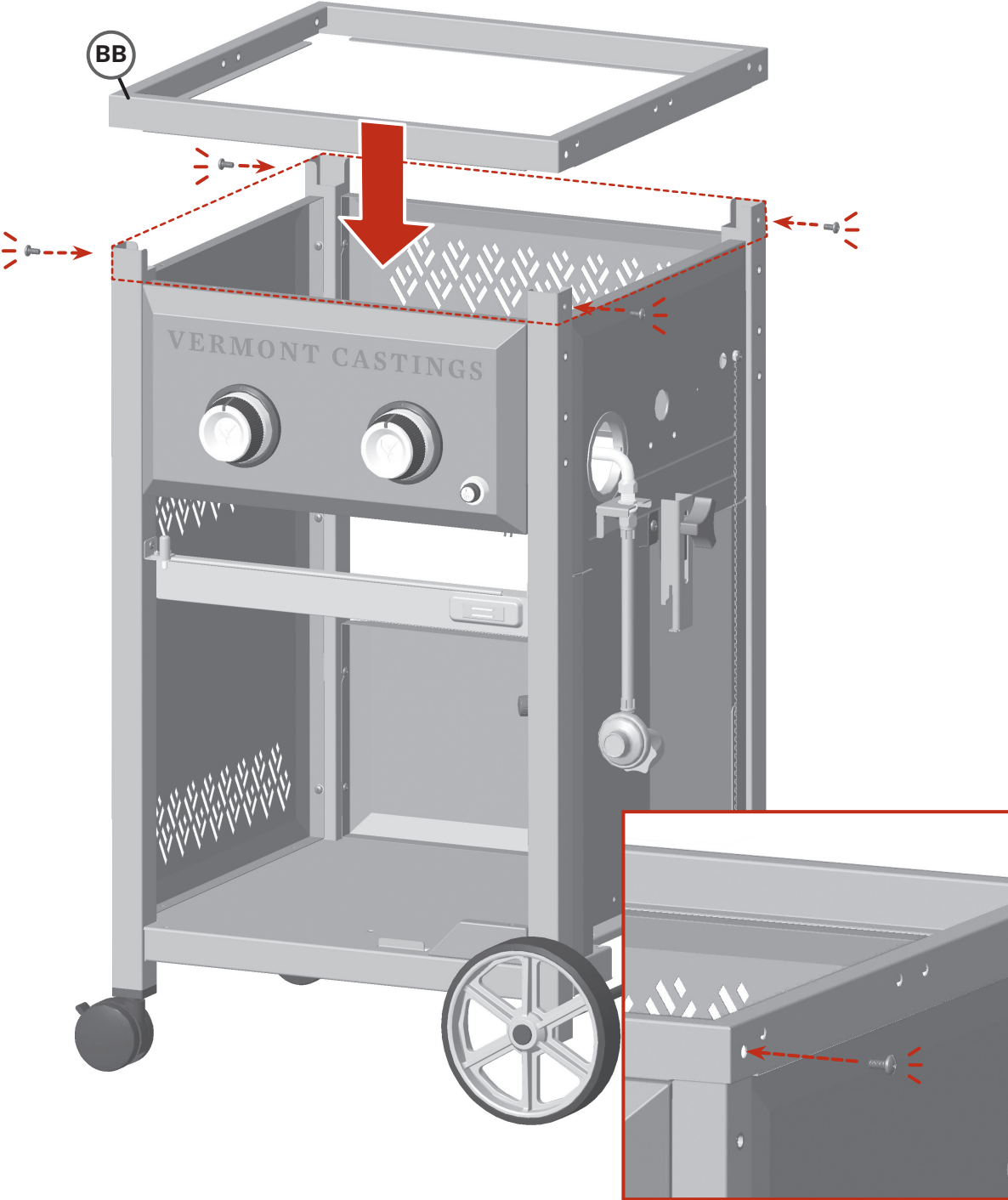
BUILD IT

STEP 7



BUILD IT

STEP 8

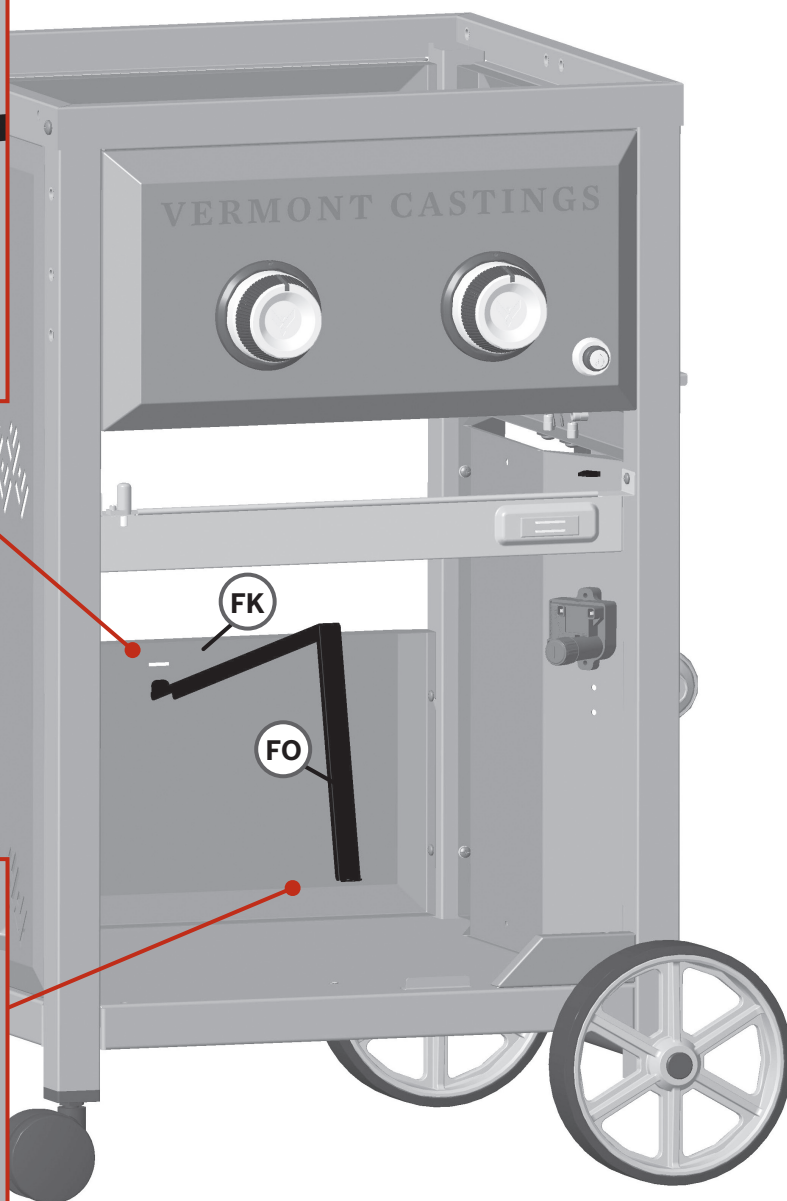
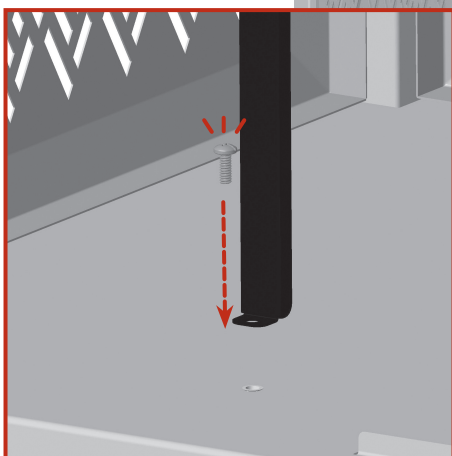
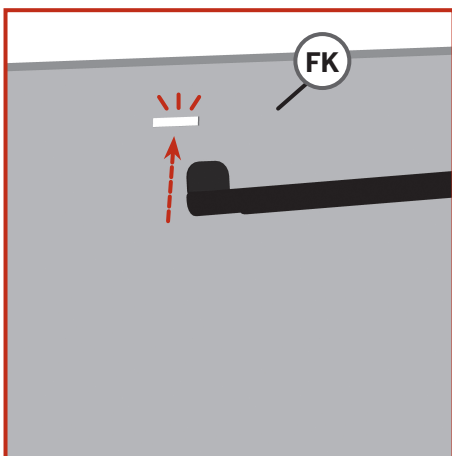


BUILD IT

BUILD IT

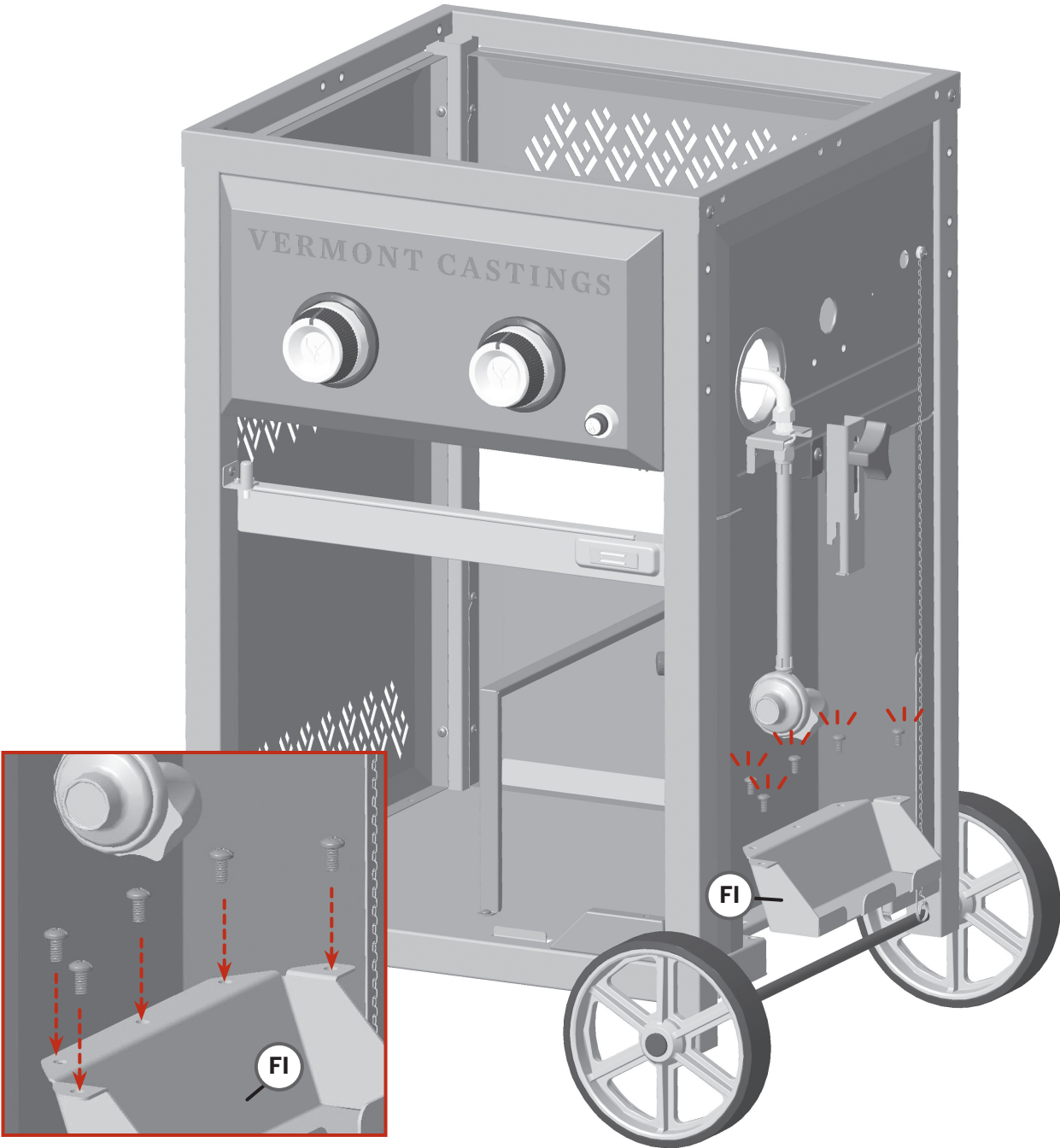
STEP 9

2 x1 



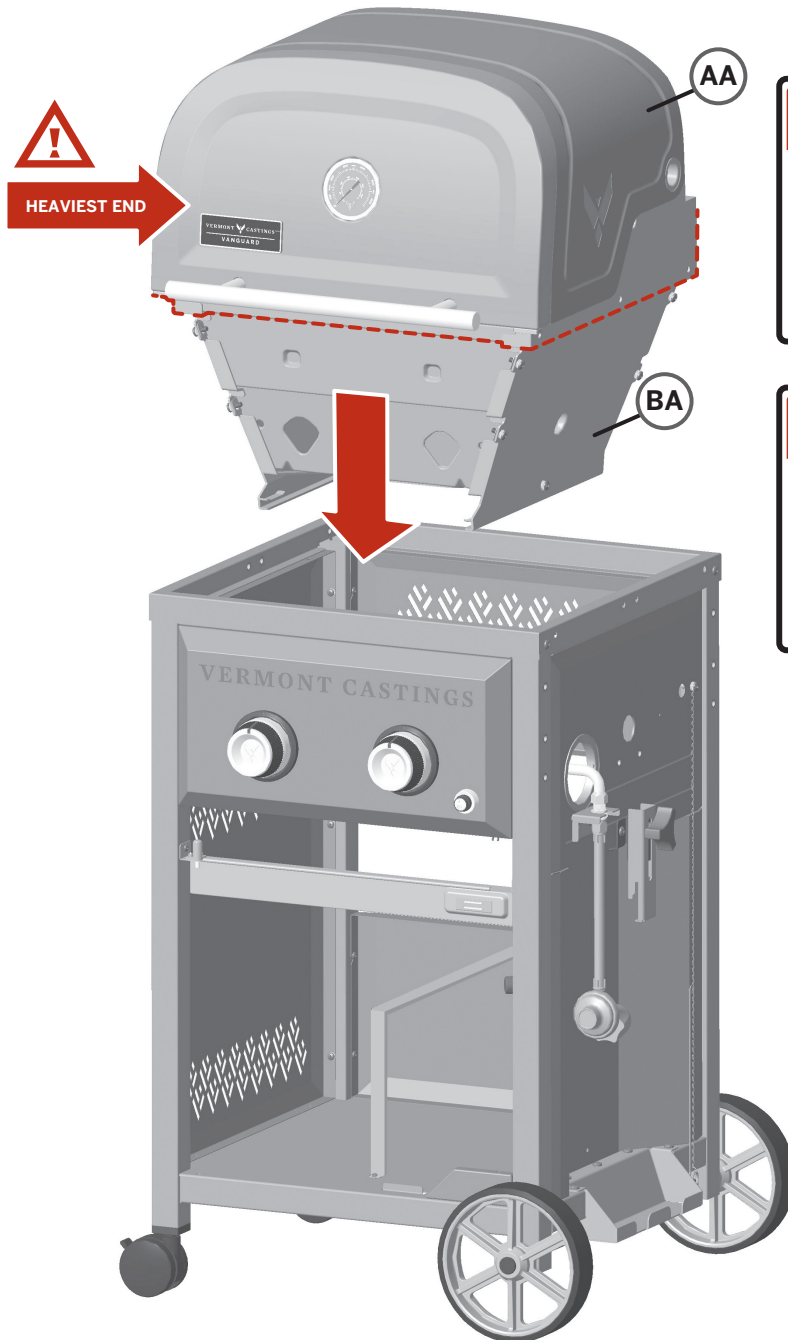
BUILD IT

STEP 10



BUILD IT

STEP 11



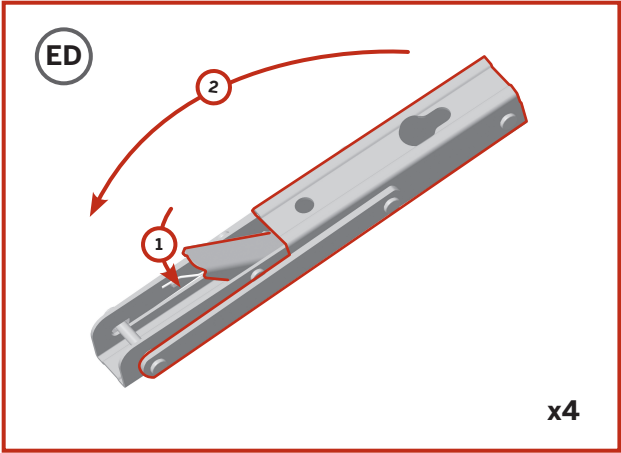
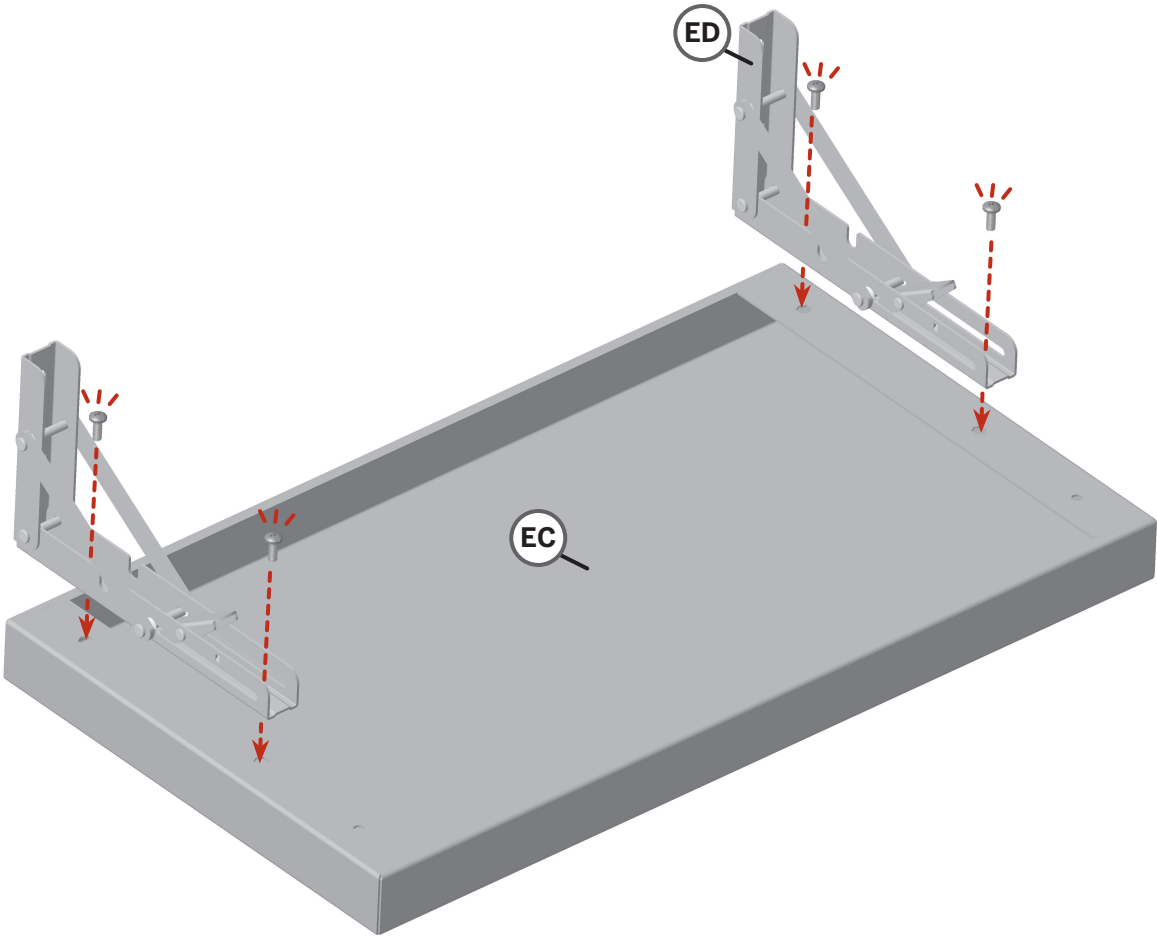
BUILD IT

STEP 12A

2

x4





STEP 12B

The diagram shows the bottom plate assembly. It is a rectangular plate with a central rectangular cutout. Three screws, labeled 'EA', are shown being inserted into the plate. Three pins, labeled 'EB', are shown being inserted into the plate. Red dashed lines indicate the intended positions for the screws and pins.

STEP 12C

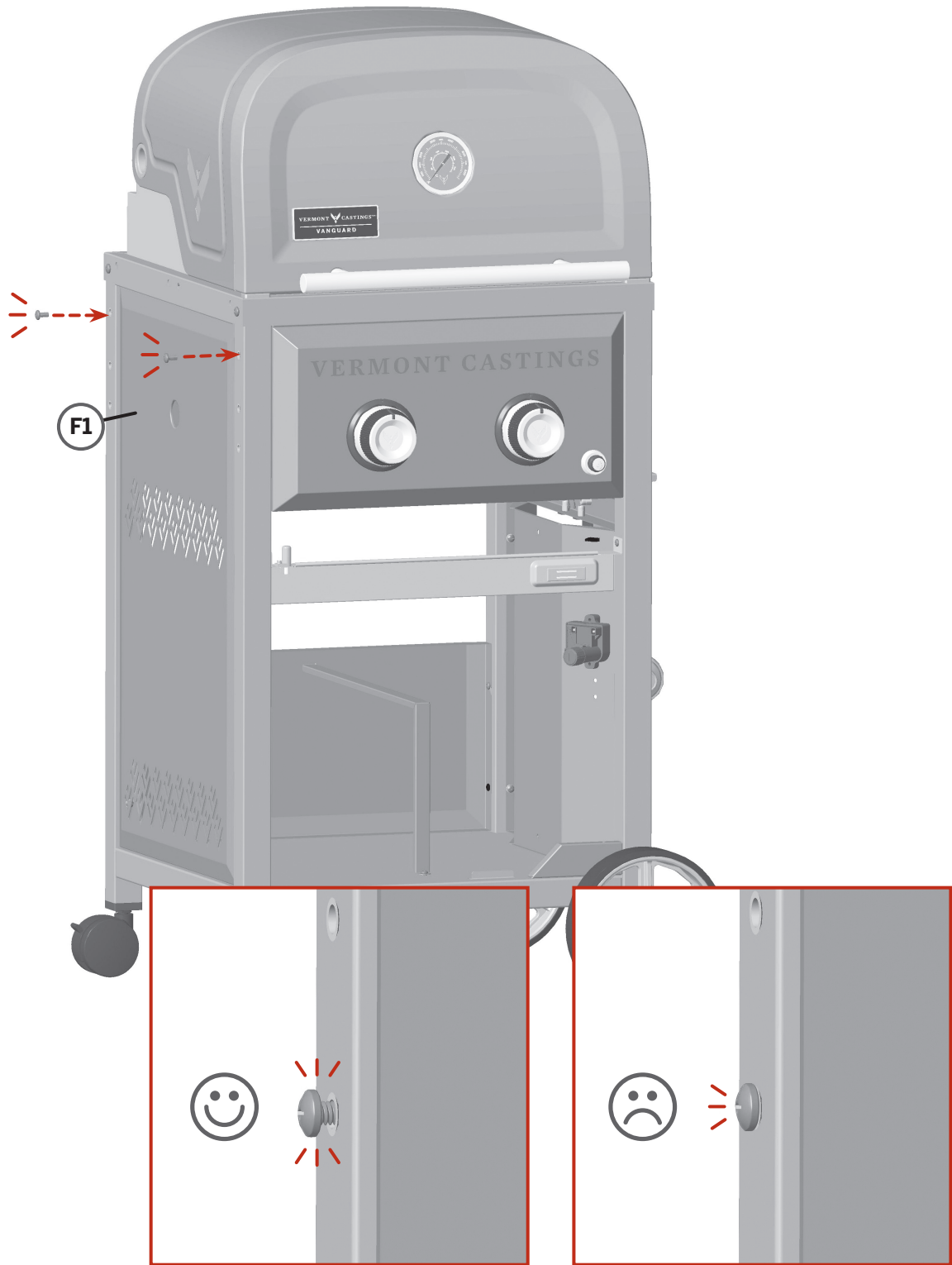
BUILD IT

STEP 13A

1

x2

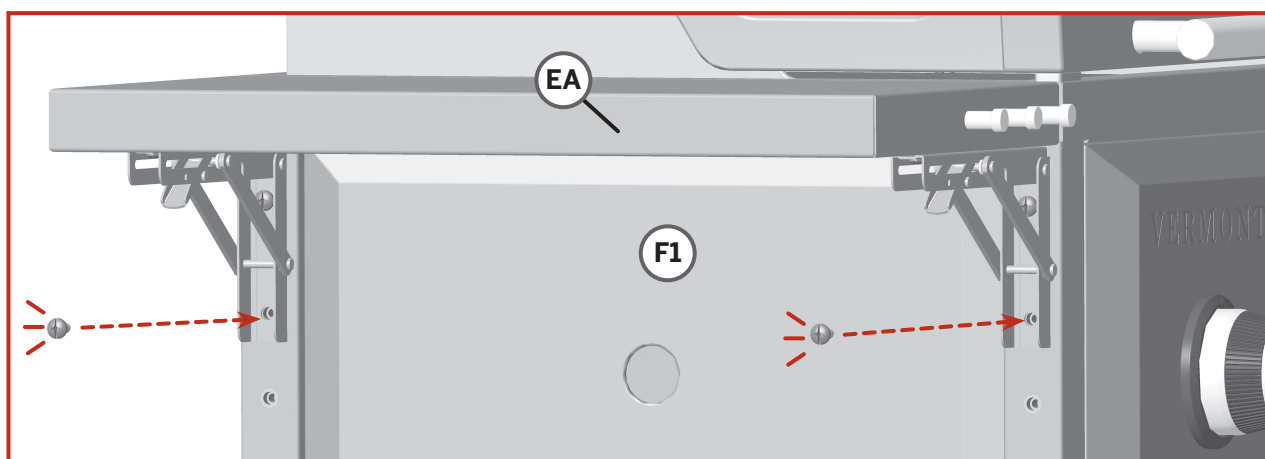
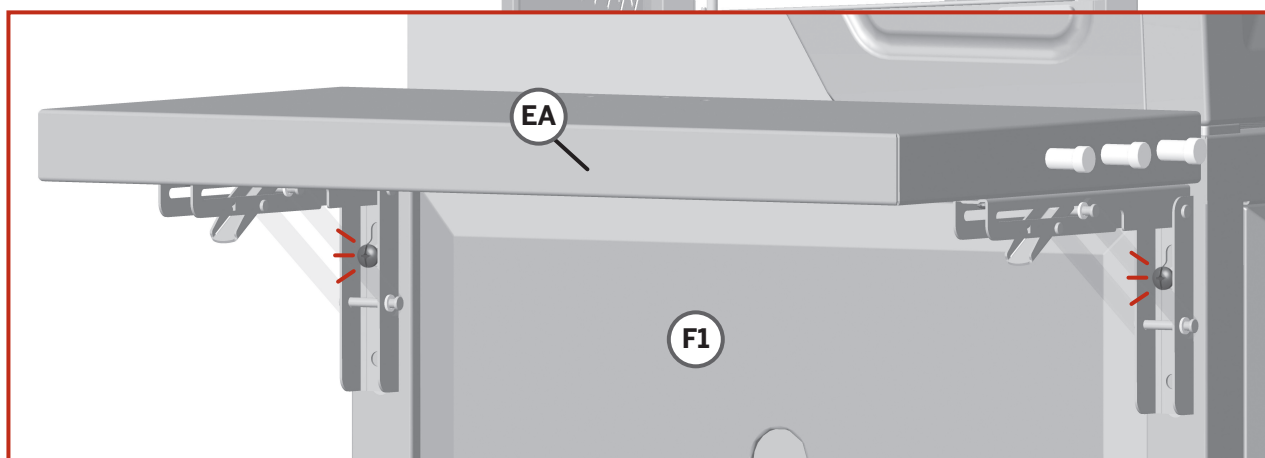




BUILD IT

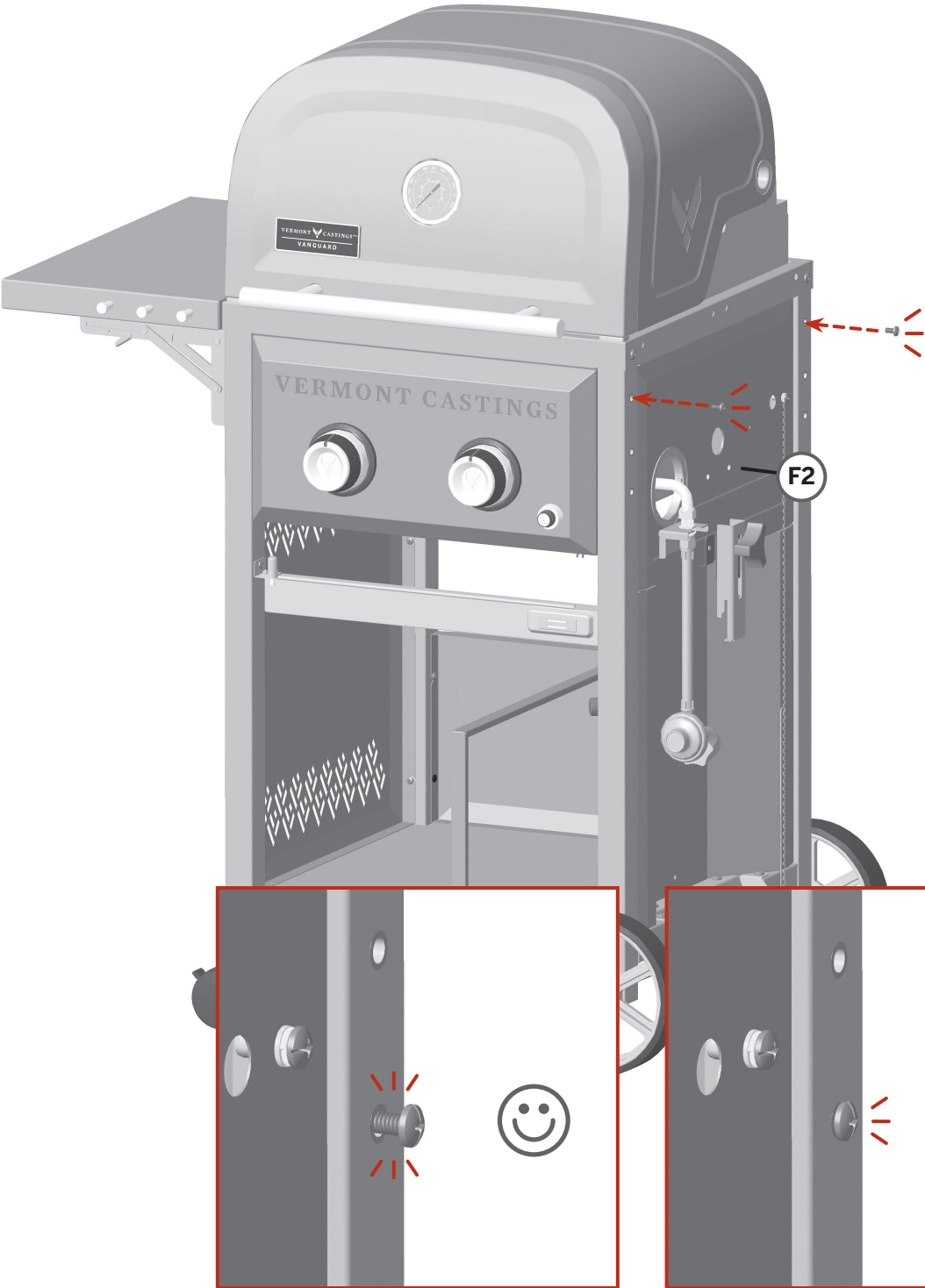
STEP 13B

1 x2



BUILD IT

STEP 13C

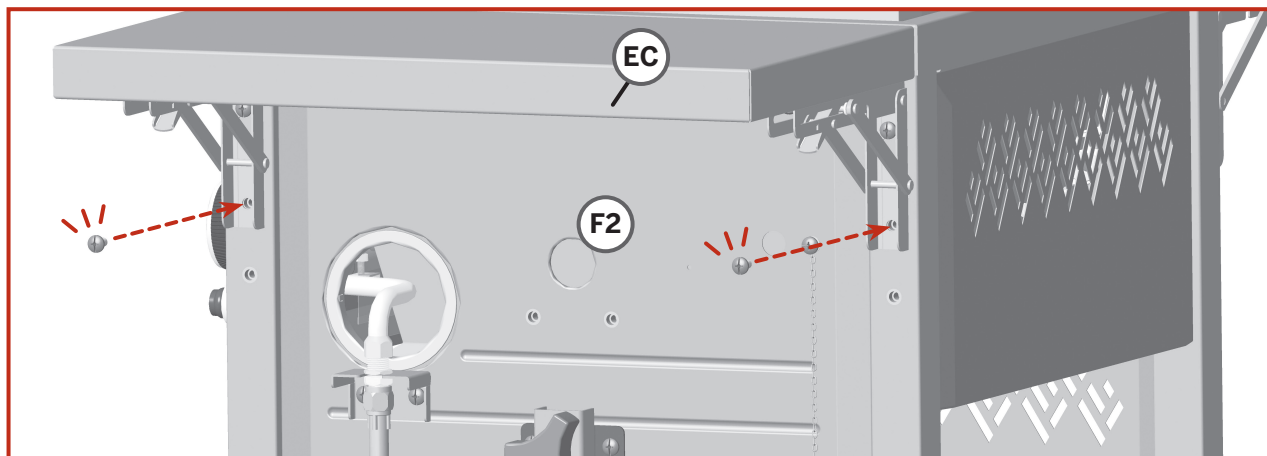
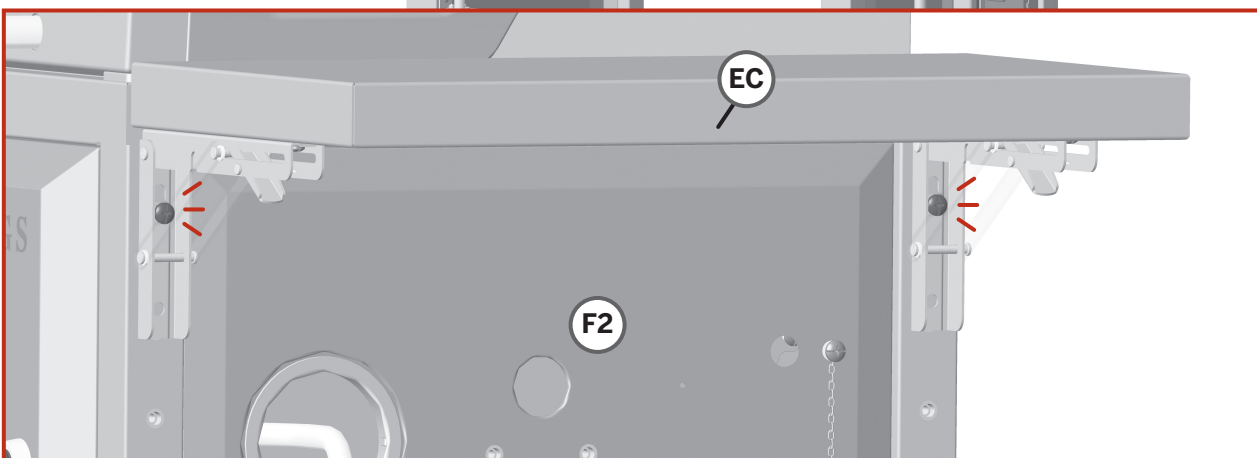
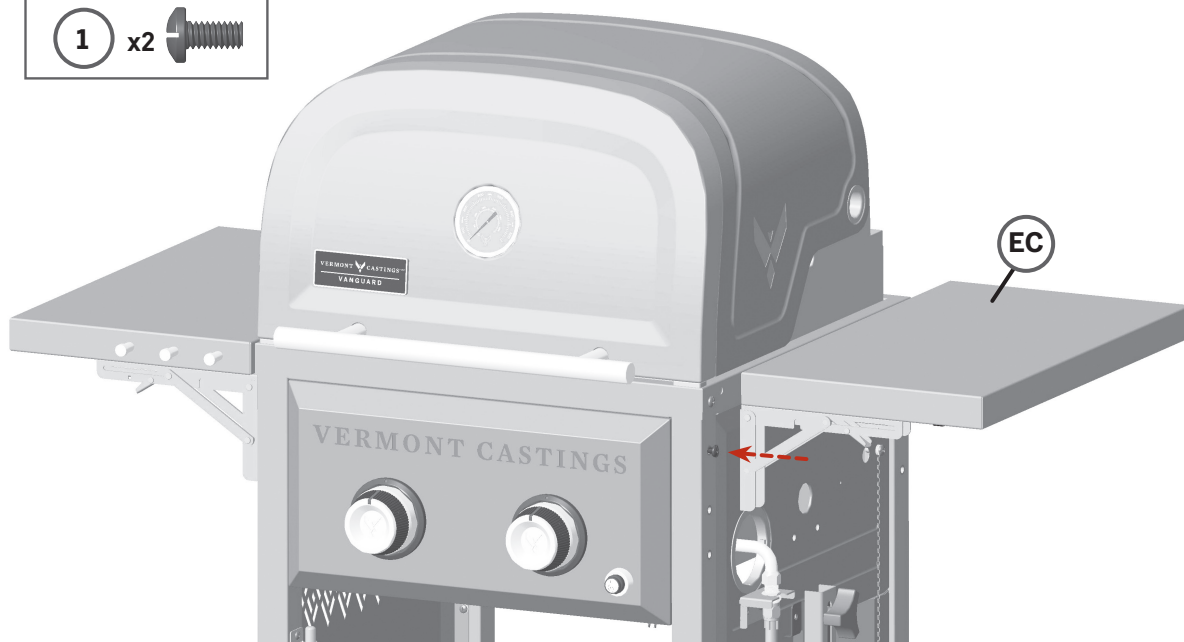


BUILD IT

BUILD IT

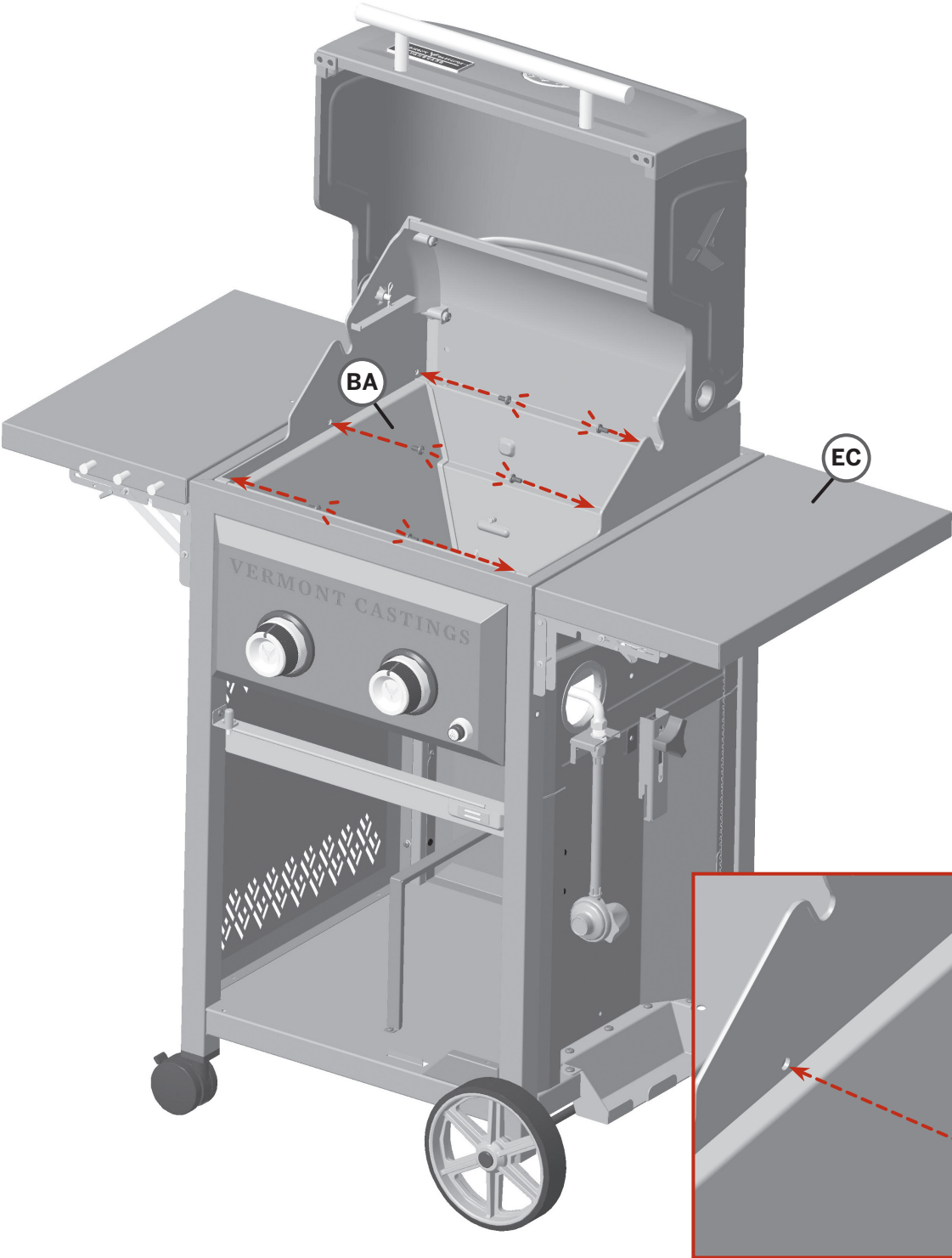
STEP 13D

1 x2



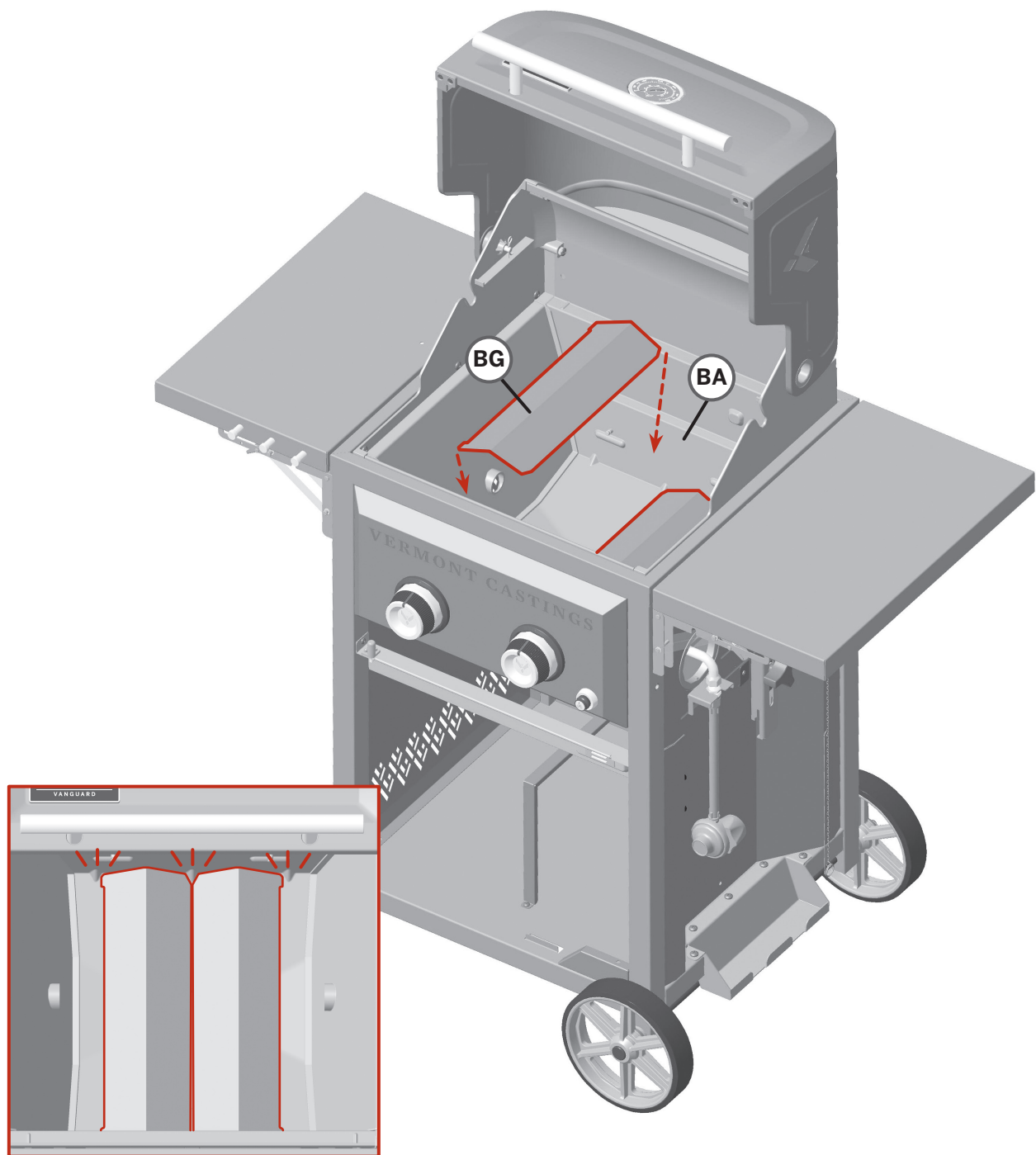
BUILD IT

STEP 14



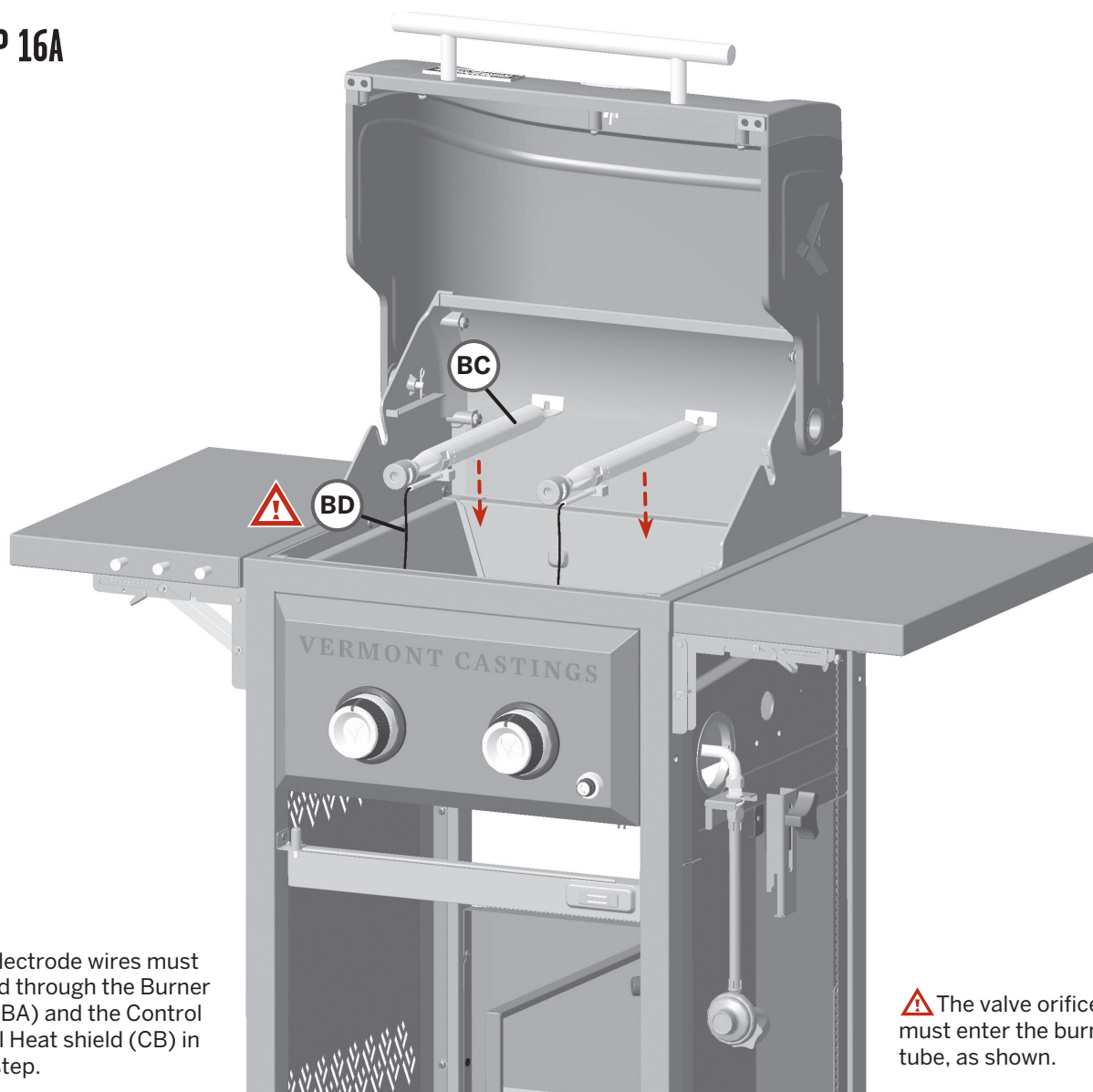
BUILD IT

STEP 15



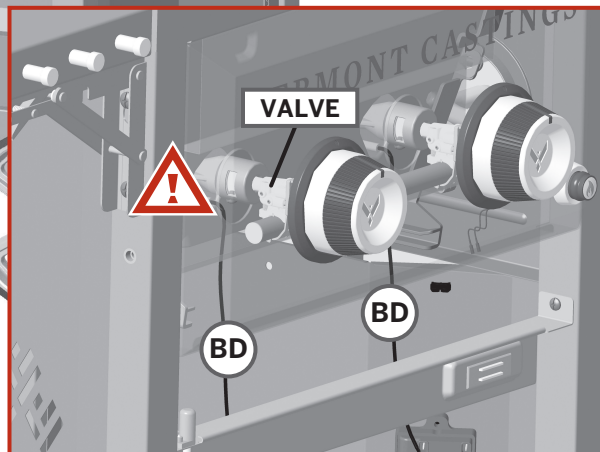
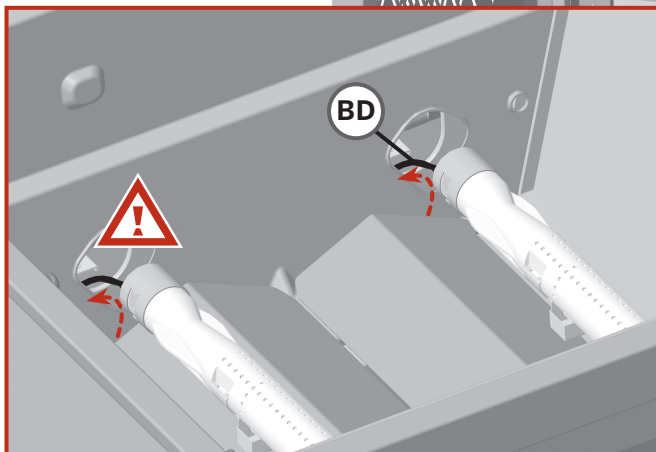
BUILD IT

STEP 16A



⚠ Electrode wires must be fed through the Burner Box (BA) and the Control Panel Heat shield (CB) in this step.

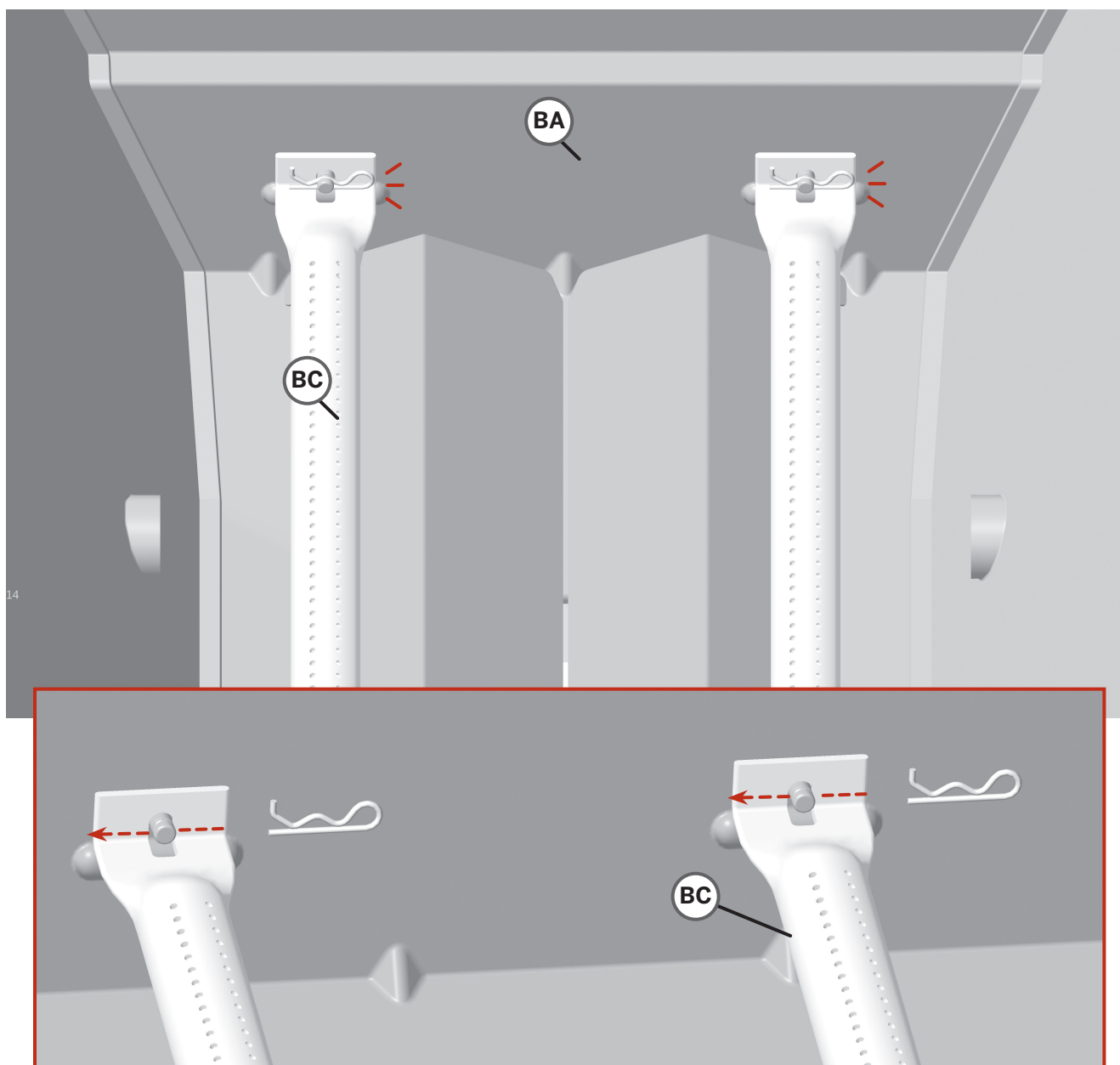
⚠ The valve orifice must enter the burner tube, as shown.



BUILD IT

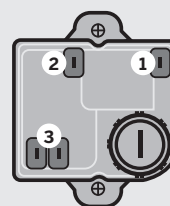
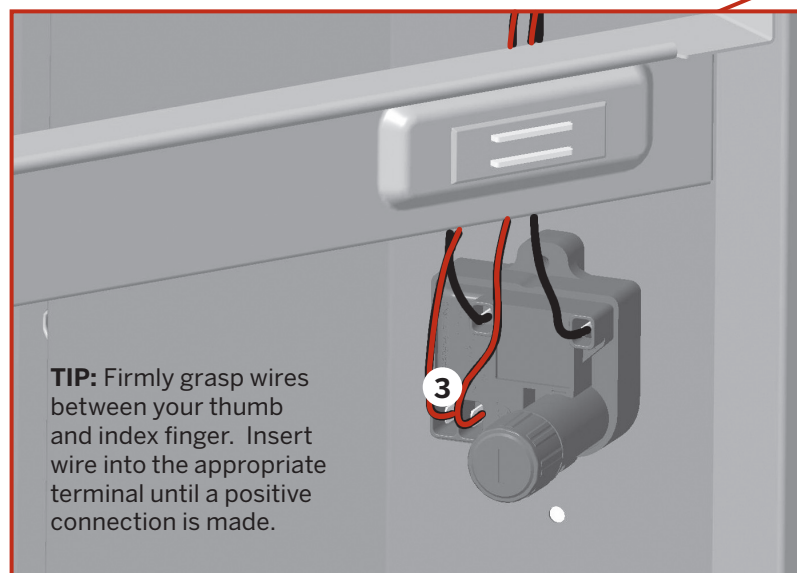
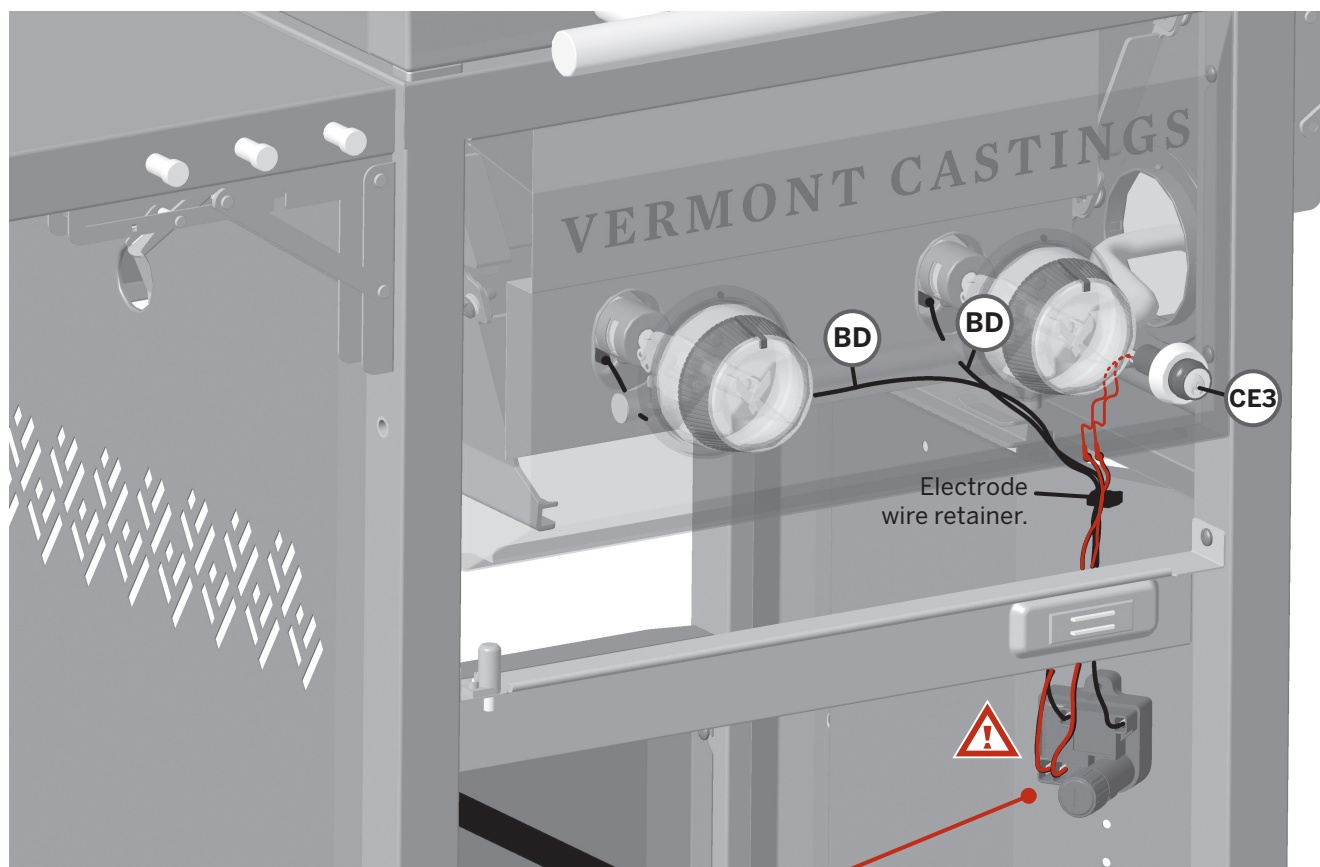
STEP 16B

7 x2



BUILD IT

STEP 16C



PORT 1-2 are interchangeable.

1, 2, Main Electrodes

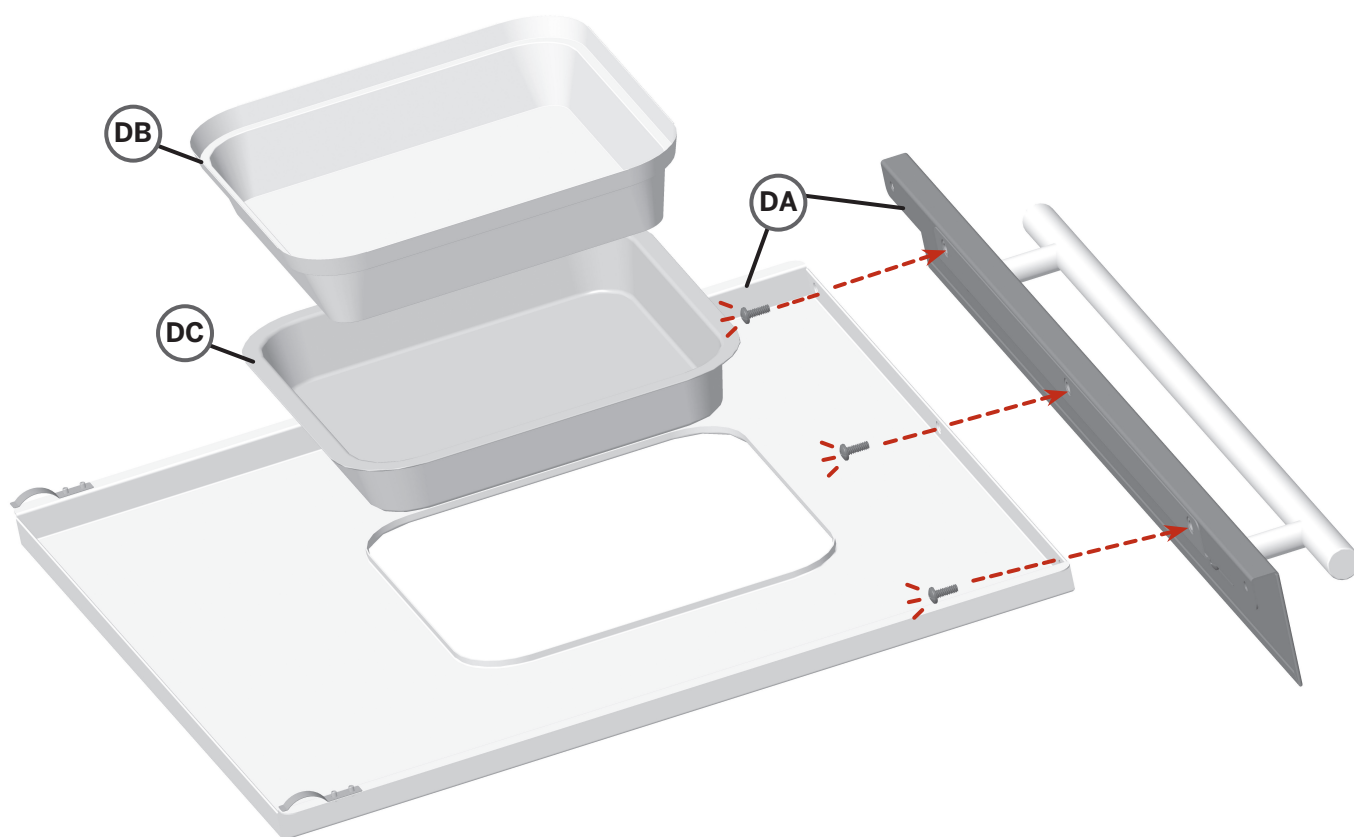
3 Ignition switch



BUILD IT

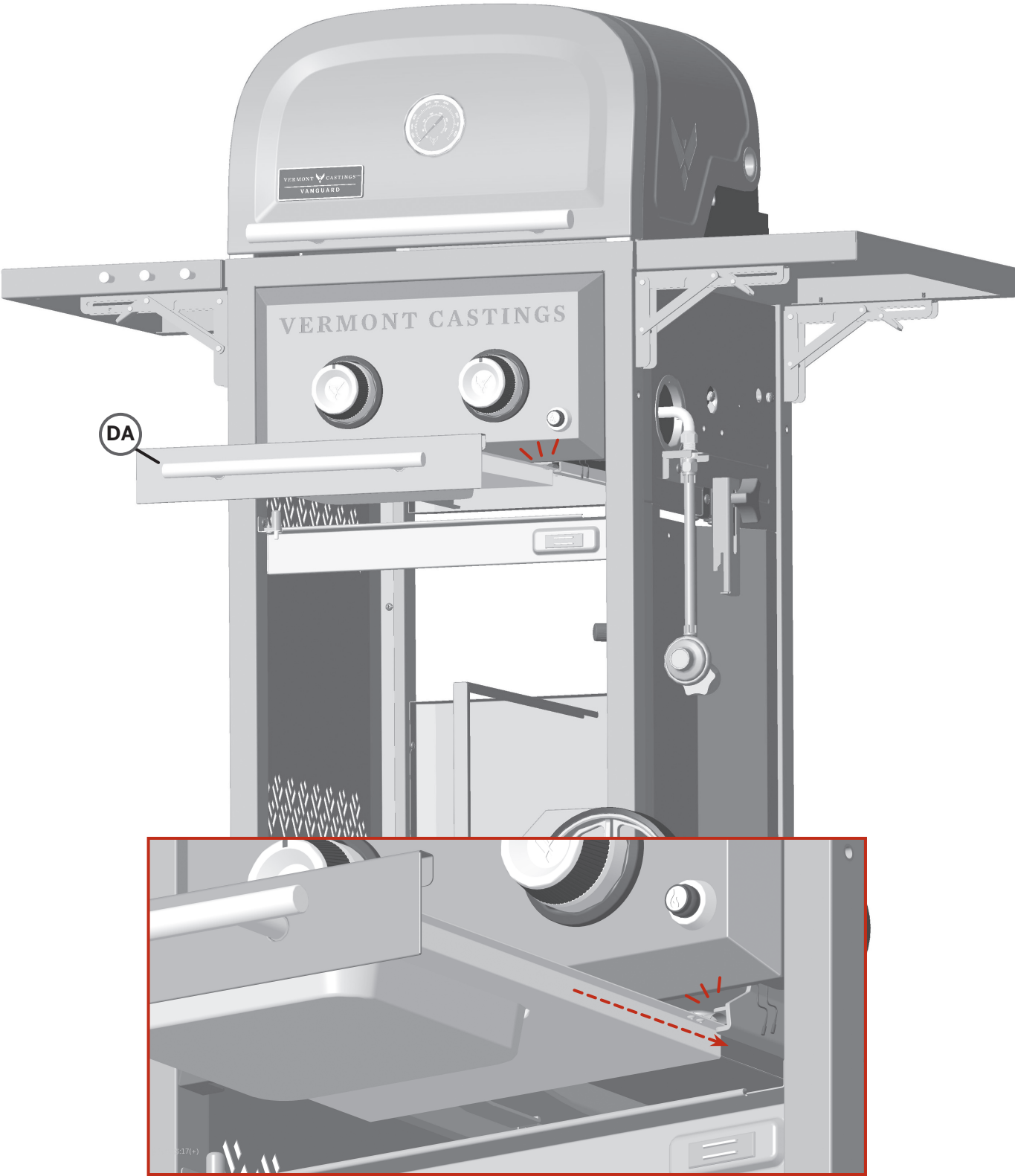
STEP 17A

2 x3



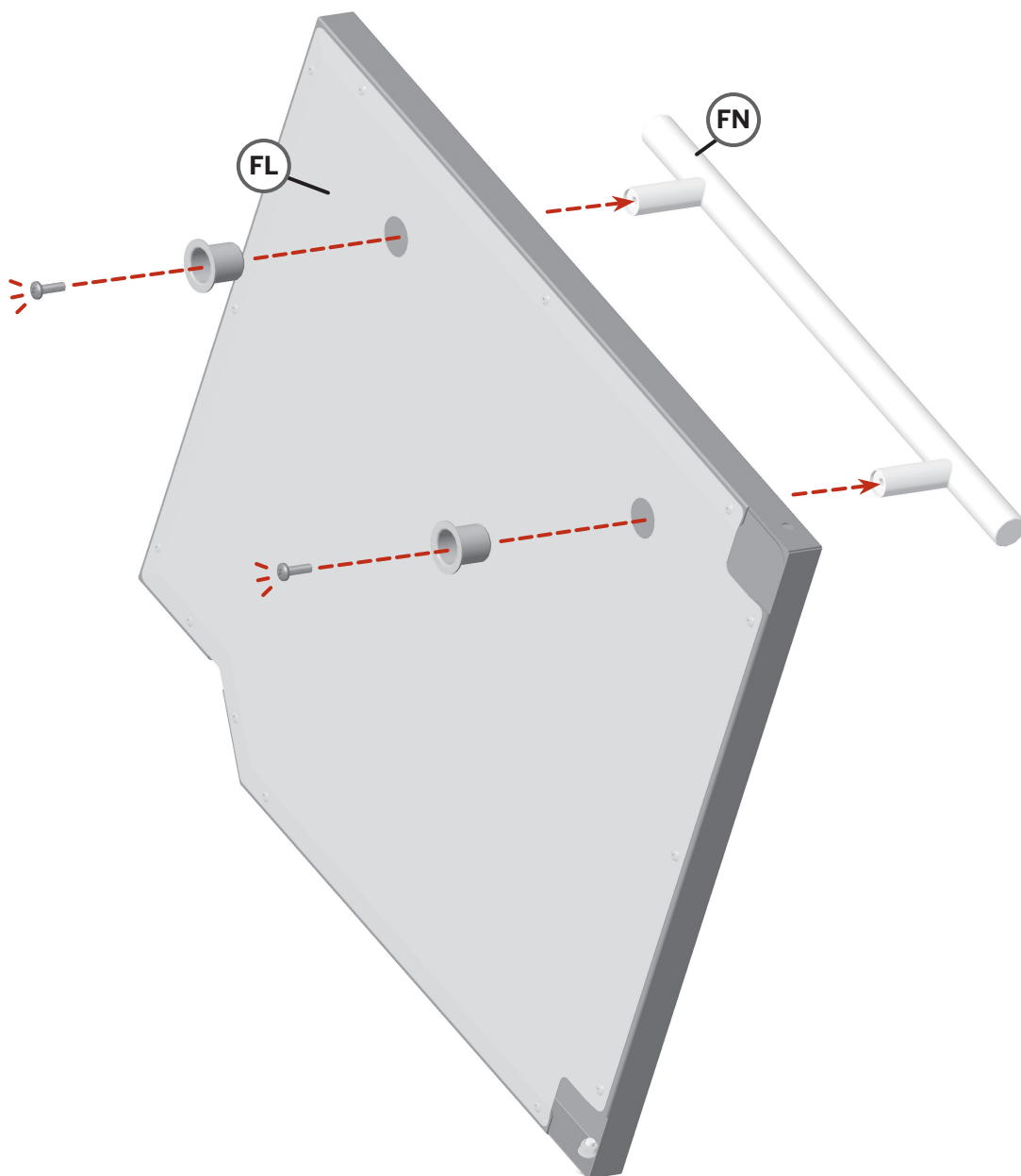
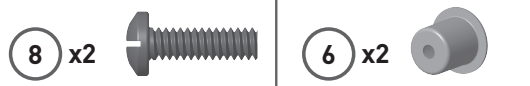
BUILD IT

STEP 17B



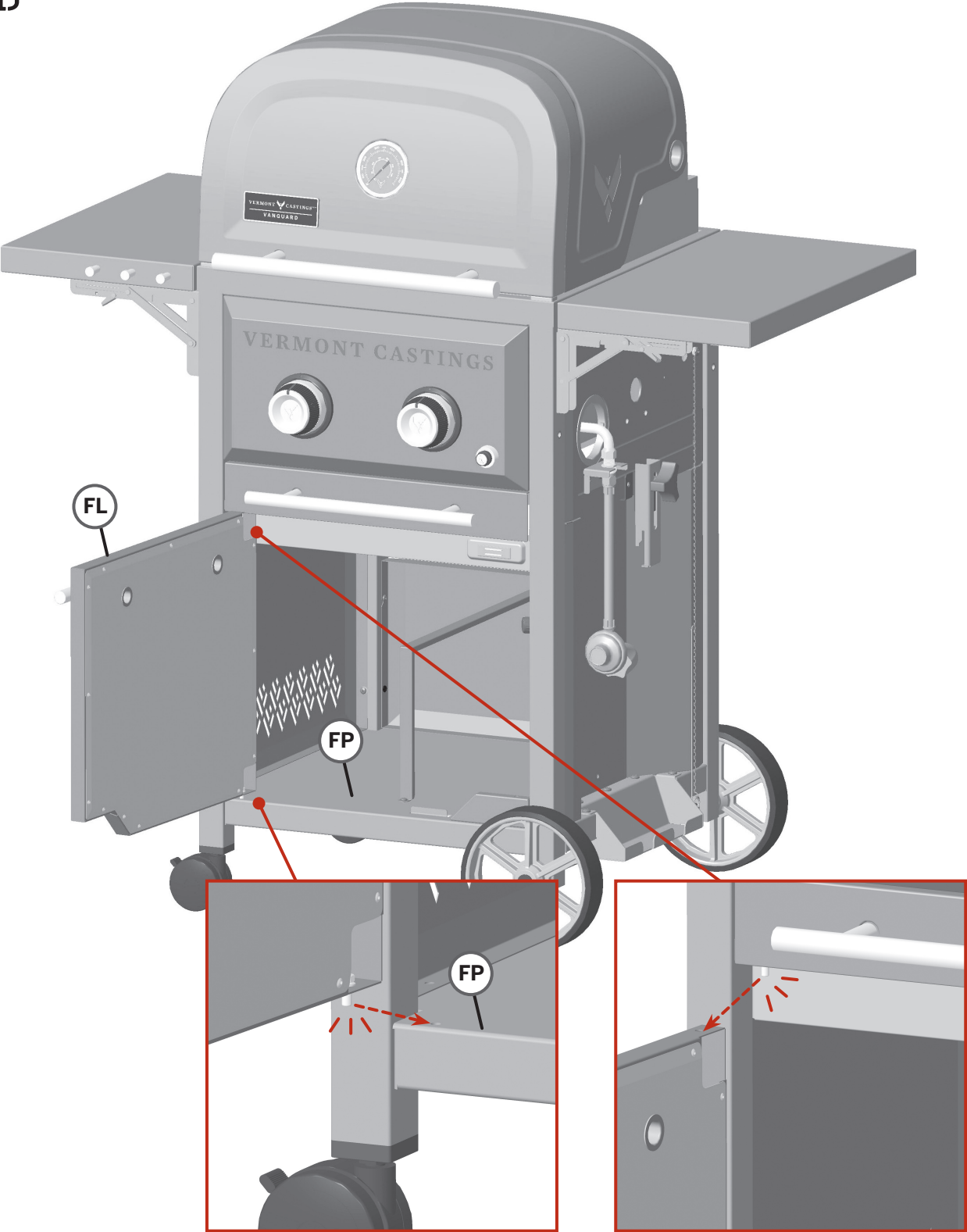
BUILD IT

STEP 18



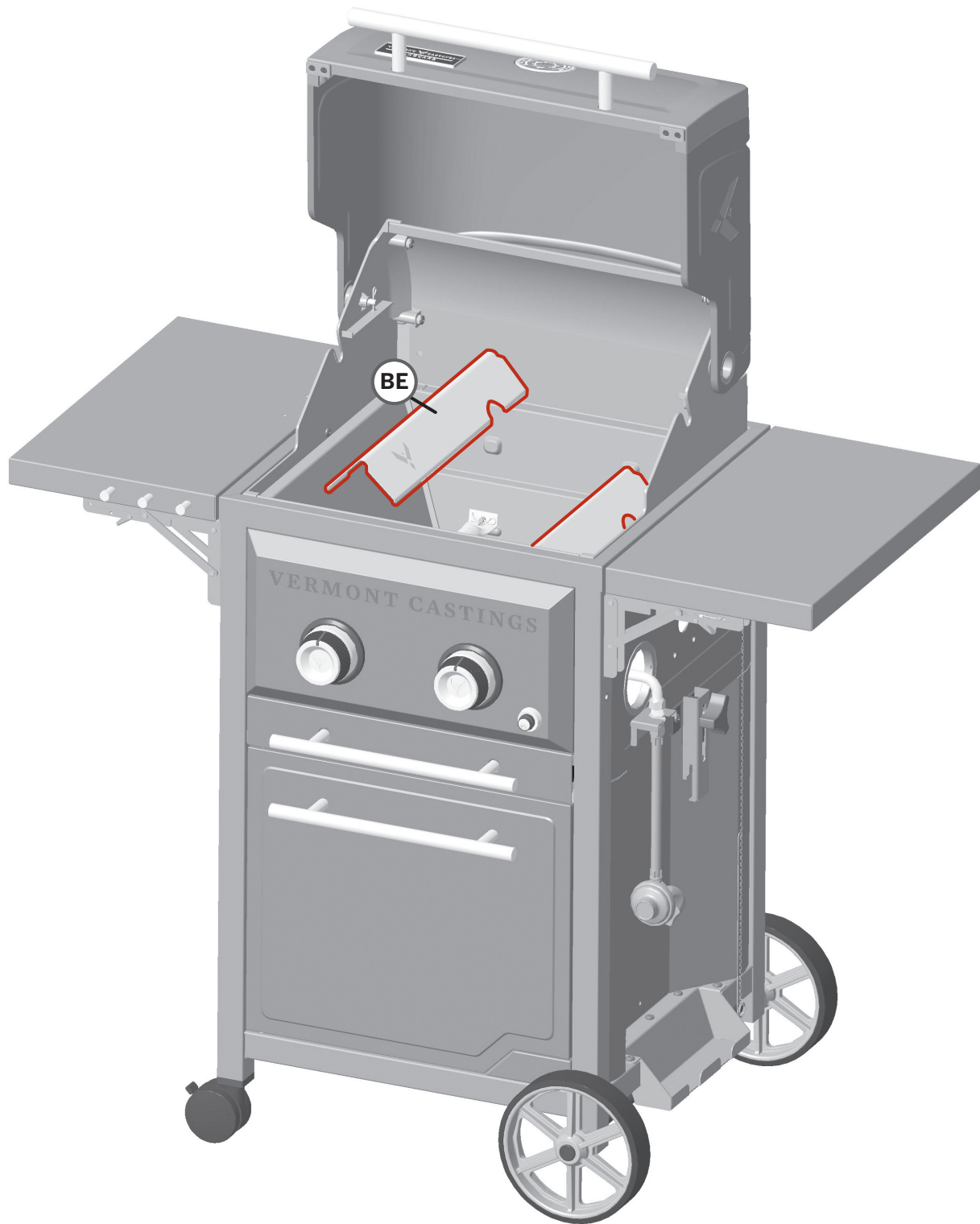
BUILD IT

STEP 19



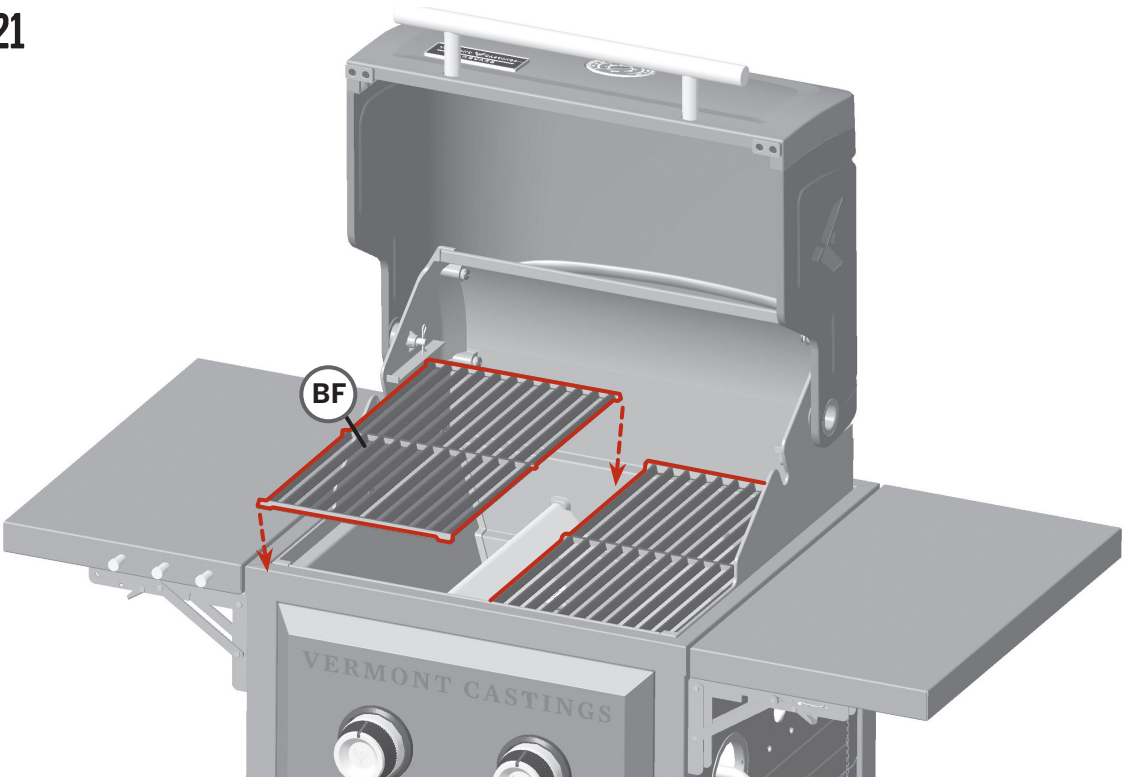
BUILD IT

STEP 20

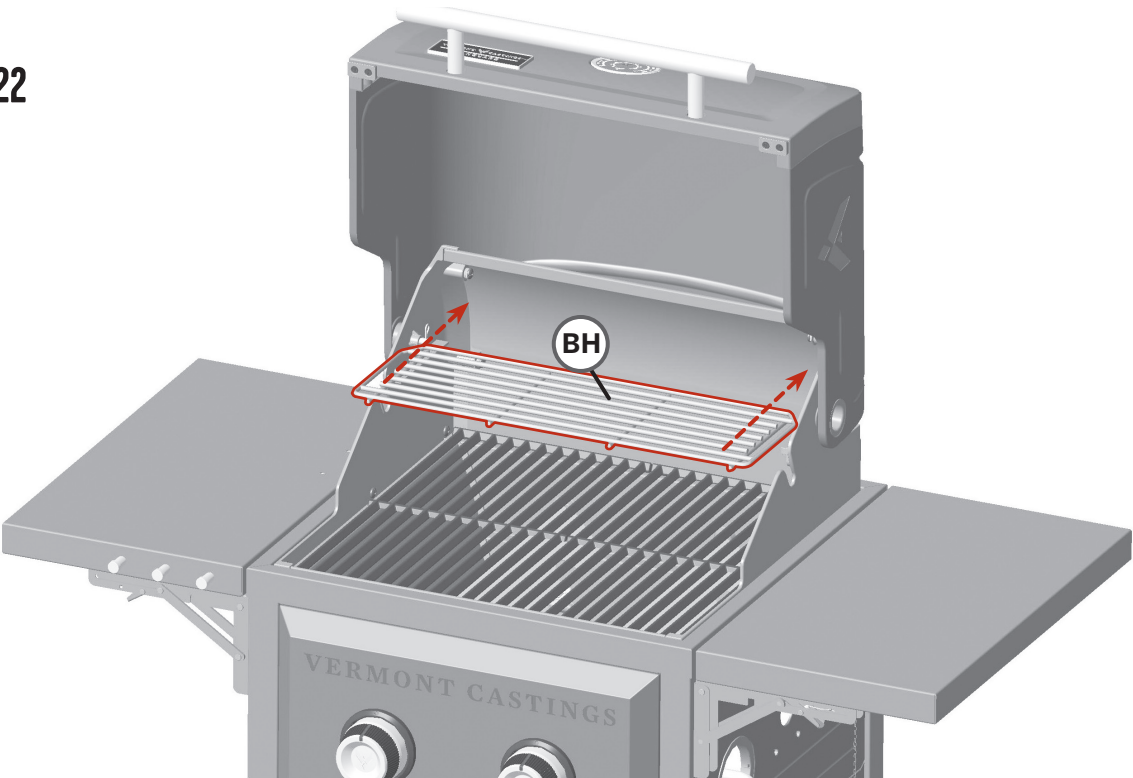


BUILD IT

STEP 21



STEP 22

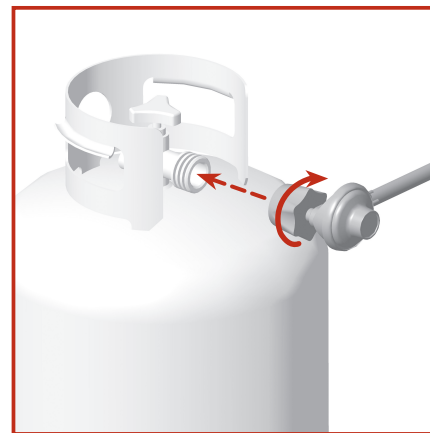
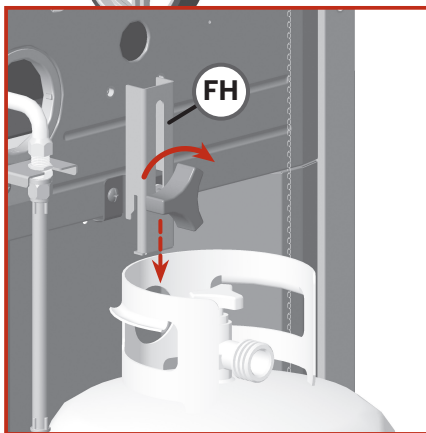
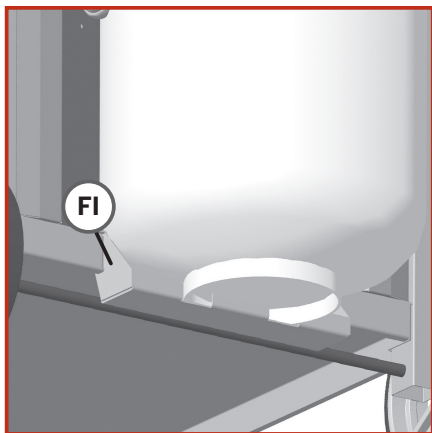


BUILD IT

STEP 23

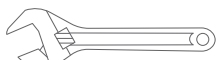


NATURAL GAS CONVERSION CUSTOMERS
PROCEED TO STEP 24.



BUILD IT

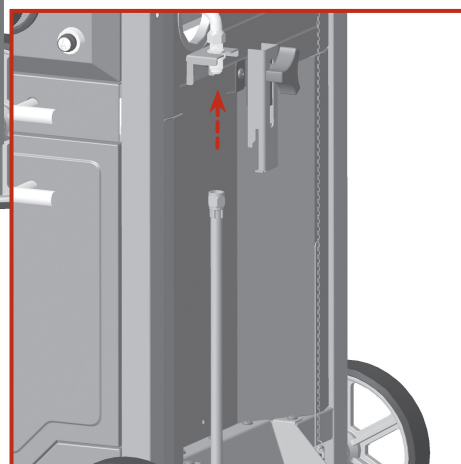
STEP 24



Wrench

NATURAL GAS CONVERSION CUSTOMERS ONLY.

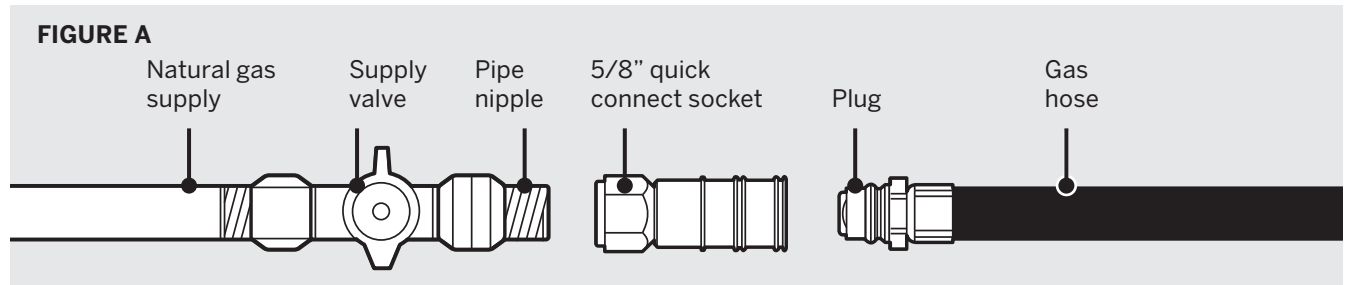
You will need the natural gas hose included with the **Convertible Valve System Kit (Model 085-2261-4)** in this step. See **Step 9A** in manual included with this kit.



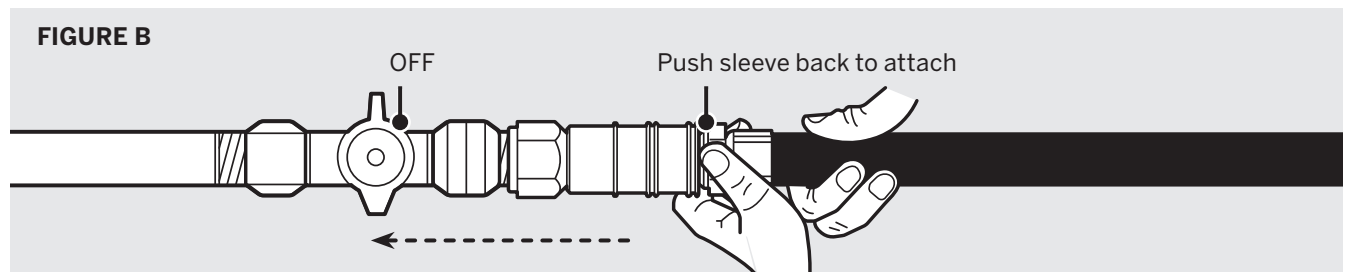
BUILD IT

STEP 25 CONNECTING YOUR BARBECUE TO THE NATURAL GAS SOURCE.

Coat pipe nipple with gas-resistant teflon tape or pipe dope. Tighten quick-disconnect coupling onto pipe nipple that leads to natural gas supply (**FIGURE A**).



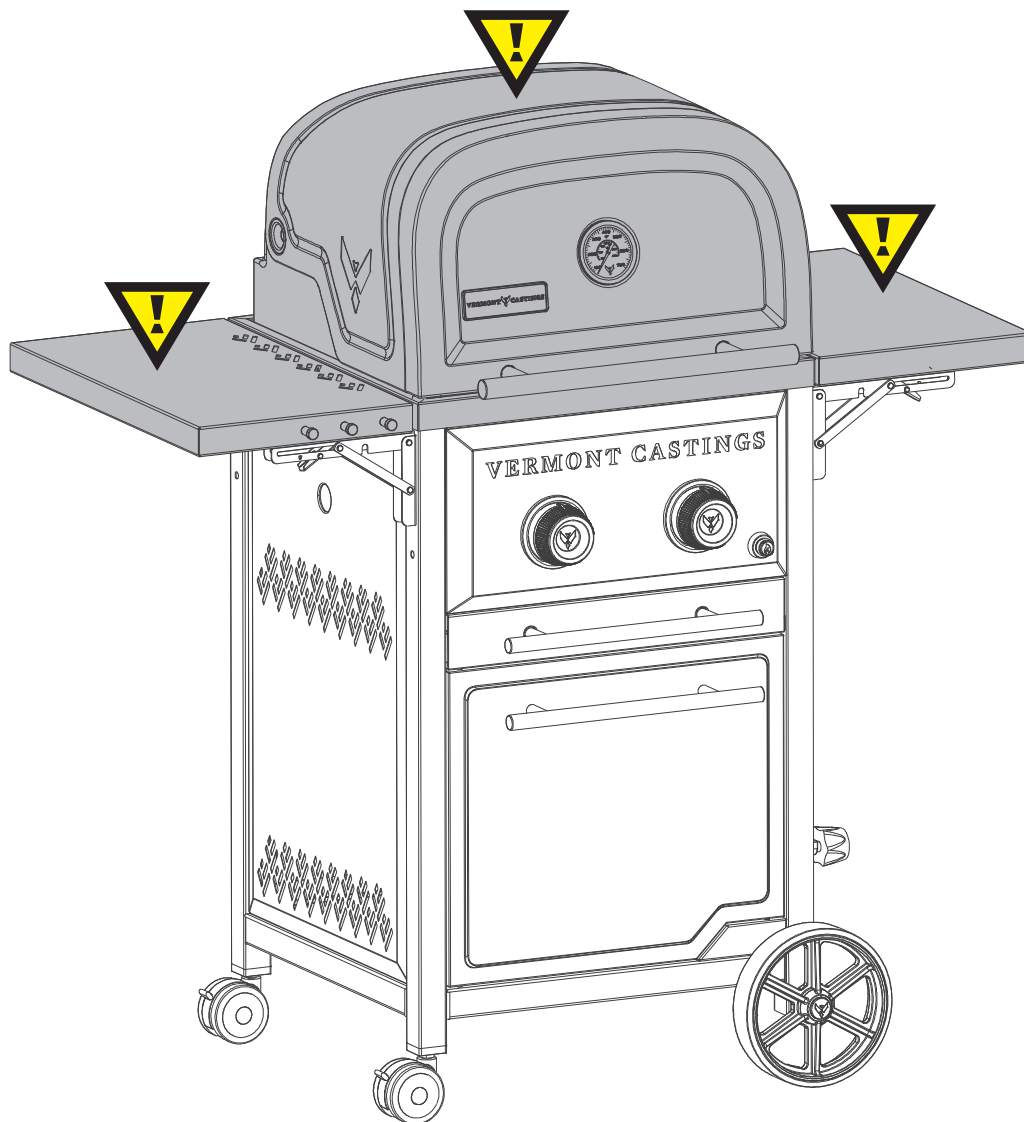
With the natural gas supply valve "OFF", connect the natural gas hose to the quick connect socket. Push the sleeve back on the quick connect socket (**FIGURE B**) and insert the plug until the sleeve snaps forward, locking the plug into the quick connect socket. Be sure to leak test these connections prior to use.



⚠ FIRE HAZARD—Do not route the natural gas hose inside of the barbecue cart.

BUILD IT

 **WARNING!**
HOT SURFACES.



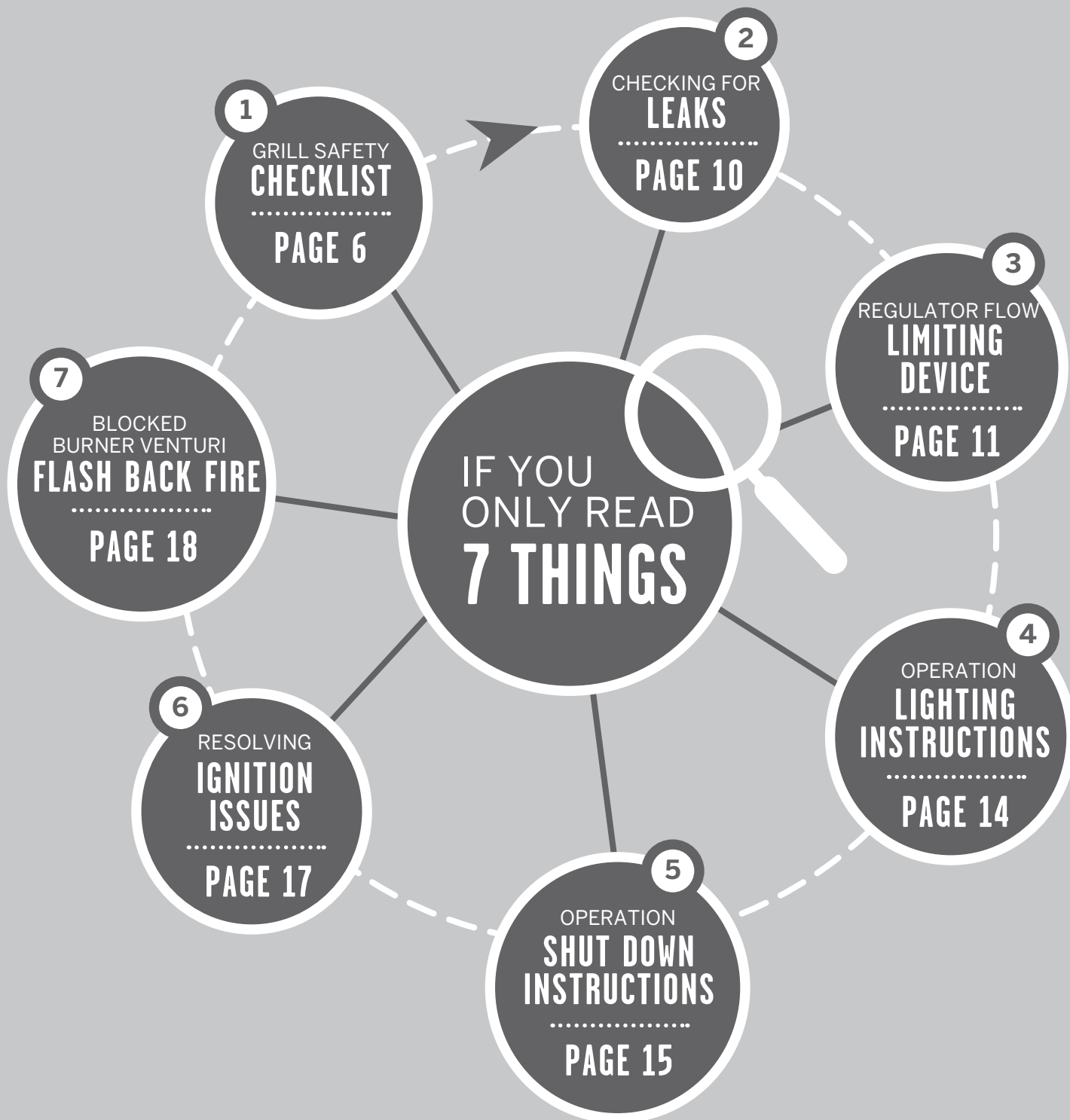
WARNING: EXTERIOR SURFACES WILL BECOME VERY HOT. TO PREVENT BURNS, ALWAYS WEAR INSULATED PROTECTIVE BARBECUE GLOVES WHEN USING THE BARBECUE.

- KEEP AWAY FROM COMBUSTIBLE MATERIALS.
- KEEP CHILDREN AND PETS AWAY FROM THIS GAS-FIRED BARBECUE.
- AVOID DANGEROUS FIRES: DO NOT LEAVE YOUR BARBECUE UNATTENDED WHILE IN OPERATION.

BEFORE YOU BEGIN

**DON'T TAKE RISKS, READ THE USER MANUAL.
KNOWING HOW YOUR BARBECUE WORKS IS KEY TO USING IT SAFELY.**

BEFORE YOU BEGIN



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