

# Broil King®

---

---



## Broil King

REGAL S590 IR

9989-42

9989-43

9989-46

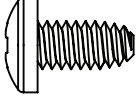
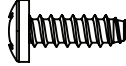

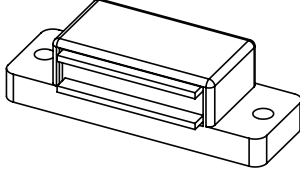
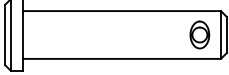
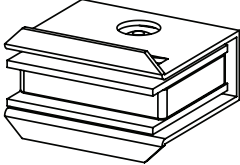

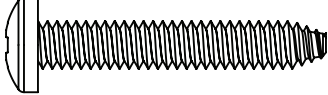
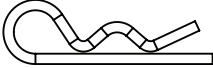
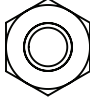
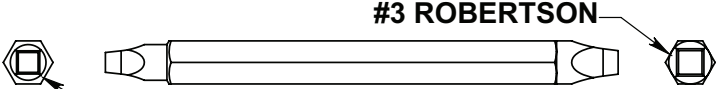
---

---

*Onward*  
SINCE 1906  
MANUFACTURING COMPANY LIMITED  
585 KUMPF DRIVE  
WATERLOO, ONTARIO, CANADA  
N2V 1K3

20084-E59EU REV B 11/19

## HARDWARE INCLUDED

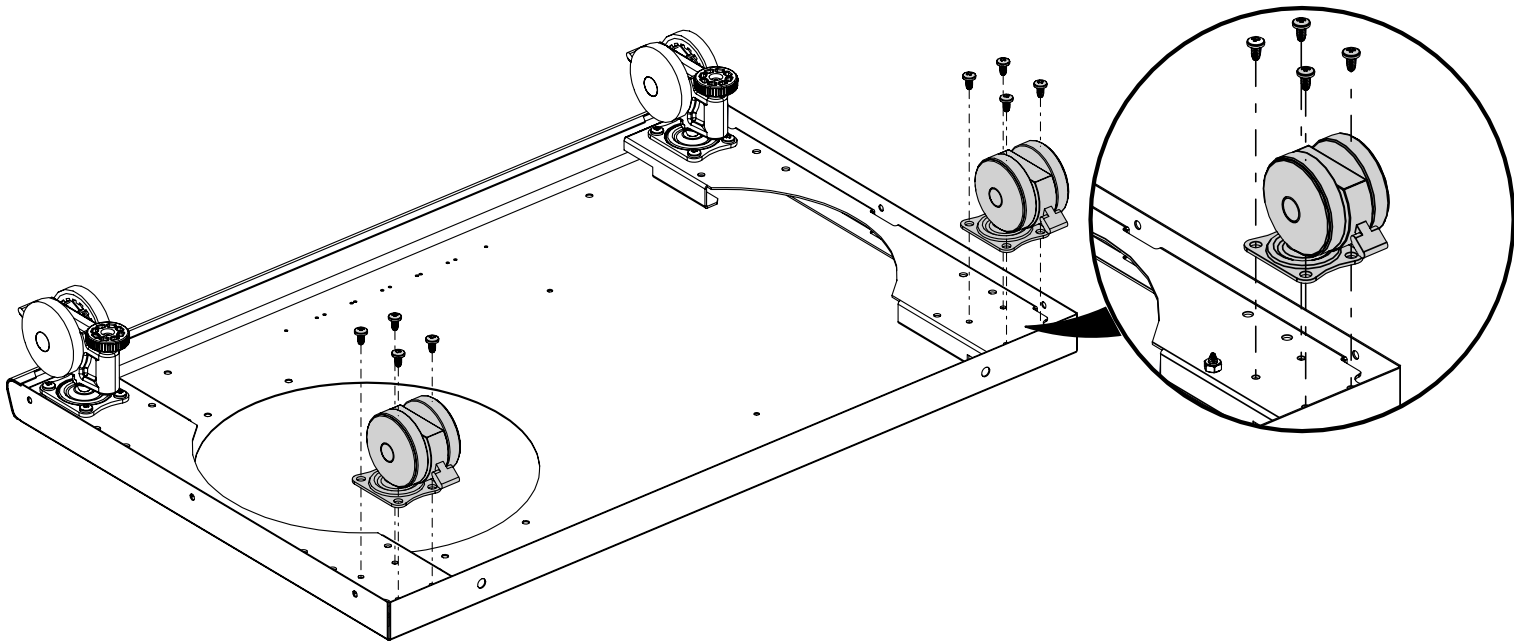
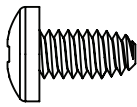
Y-12865		(24)	S21124		(8)
S21125		(4)	Y-12222		(2)
S21235		(2)	Y-12223		(2)
Y-29304		(2)	Y-11560		(4)
S21233		(2)	Y-11793		(8)
 <p style="text-align: center;">#3 ROBERTSON</p> <p>#2 ROBERTSON</p>					

## TOOLS REQUIRED

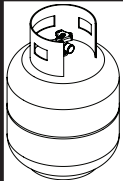


# 1

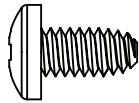
(8)



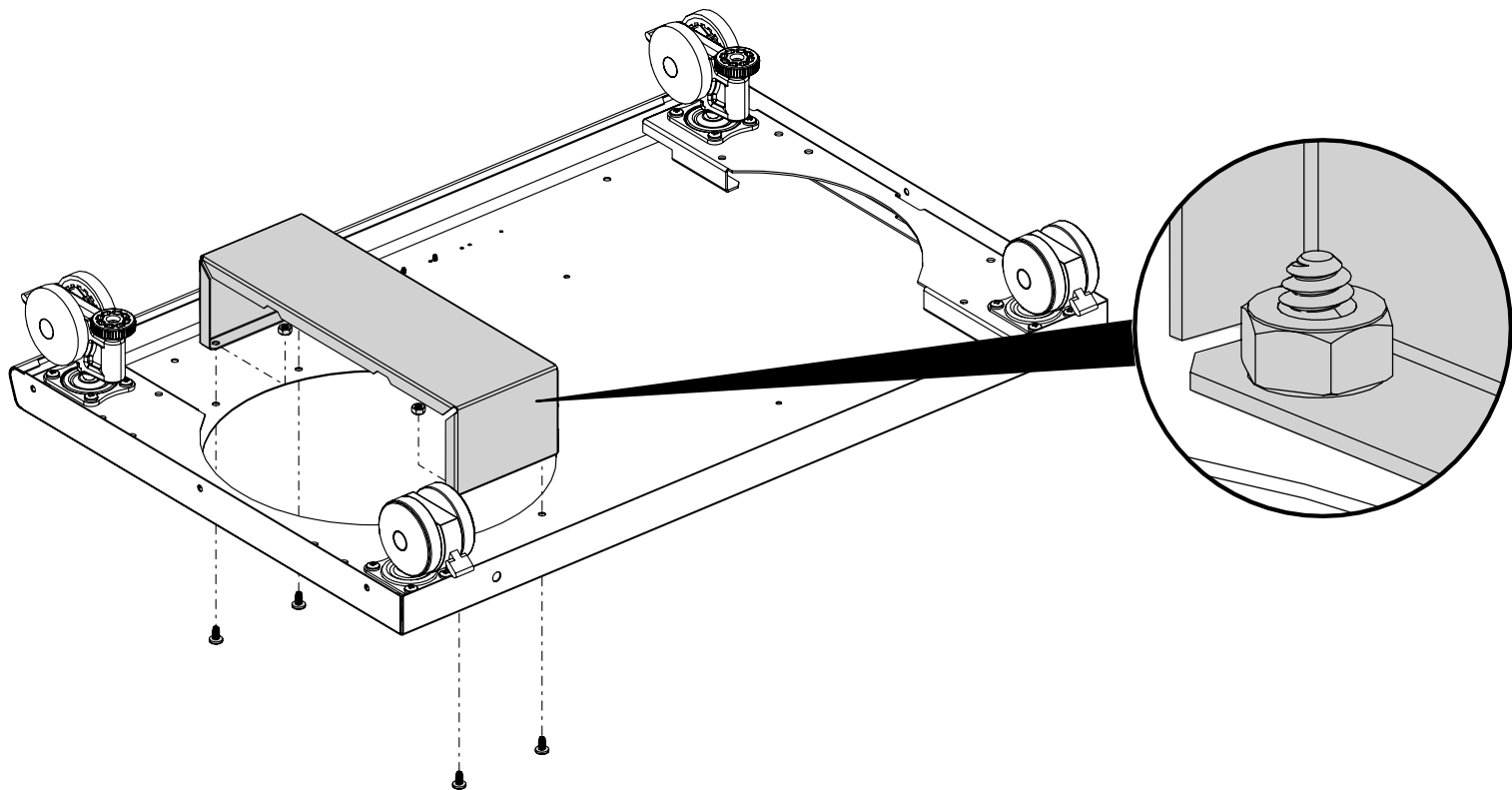
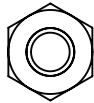
# 2



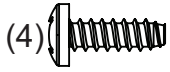
(4)



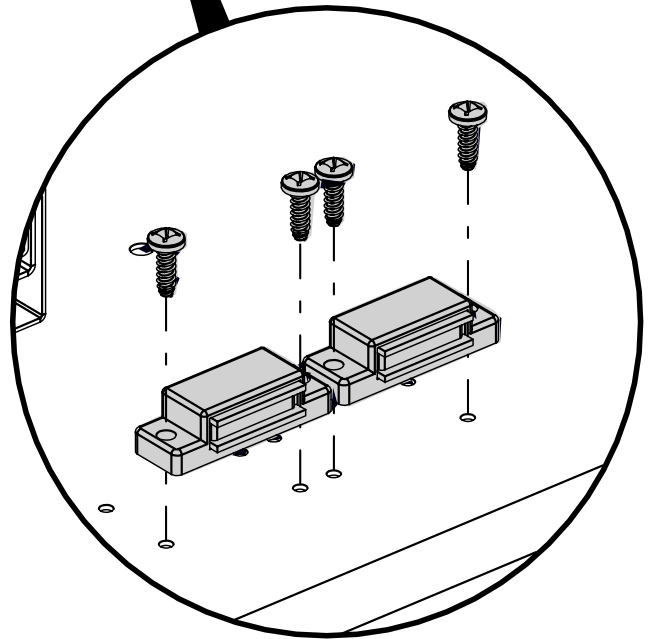
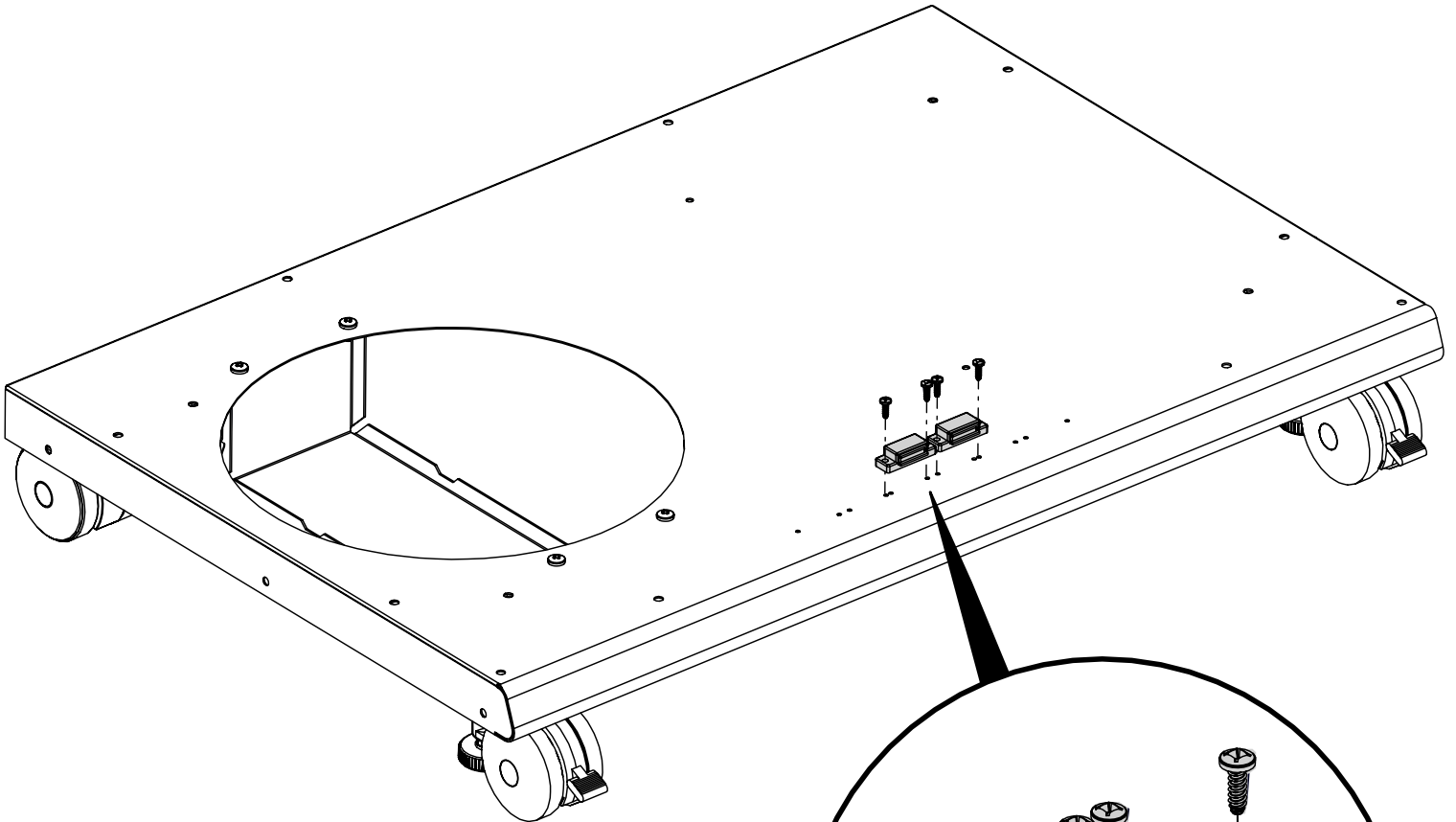
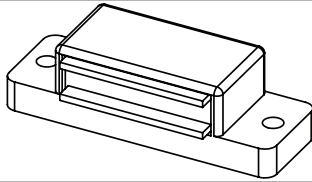
(4)



3




(2)

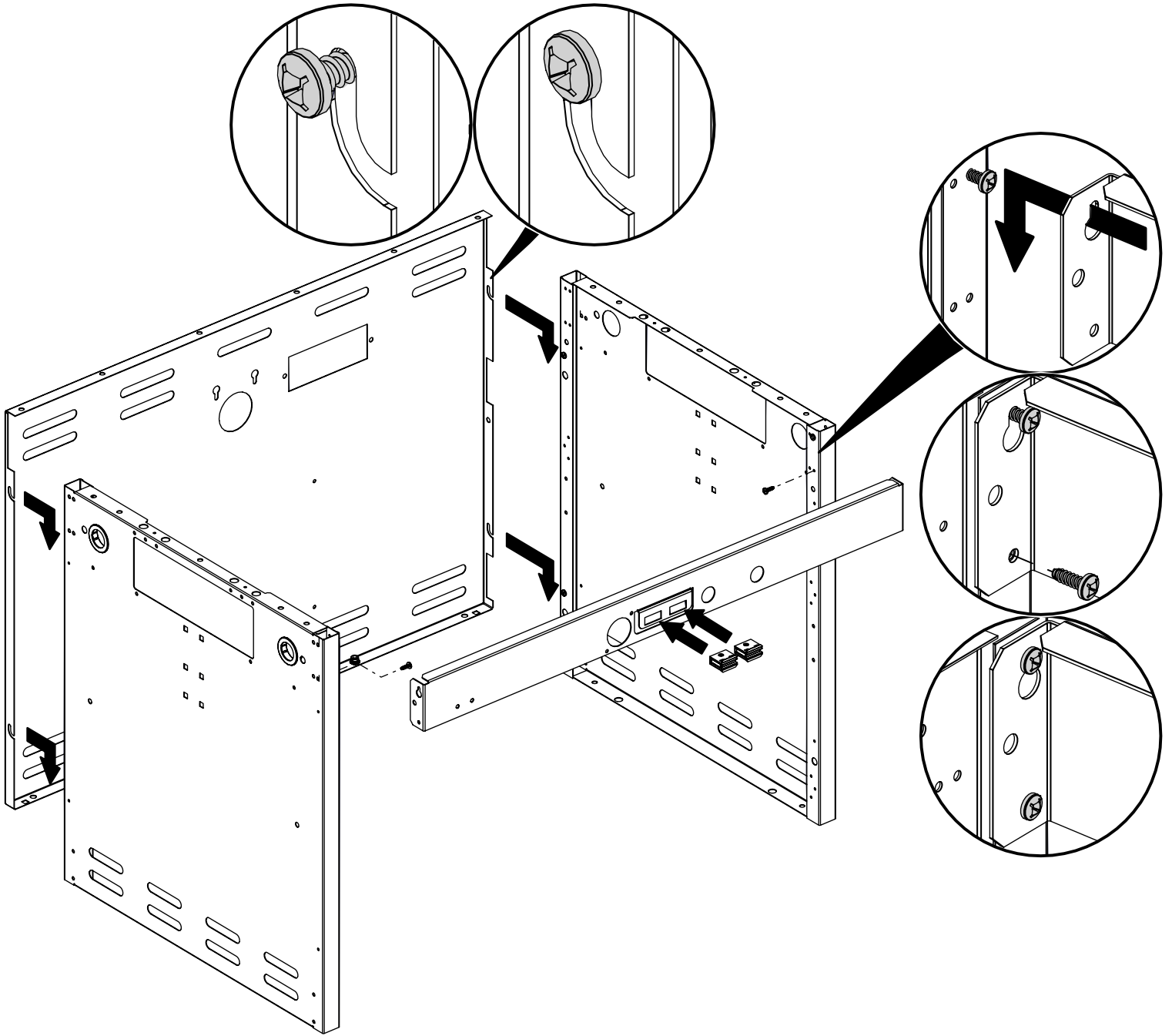
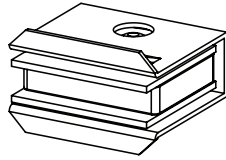





4

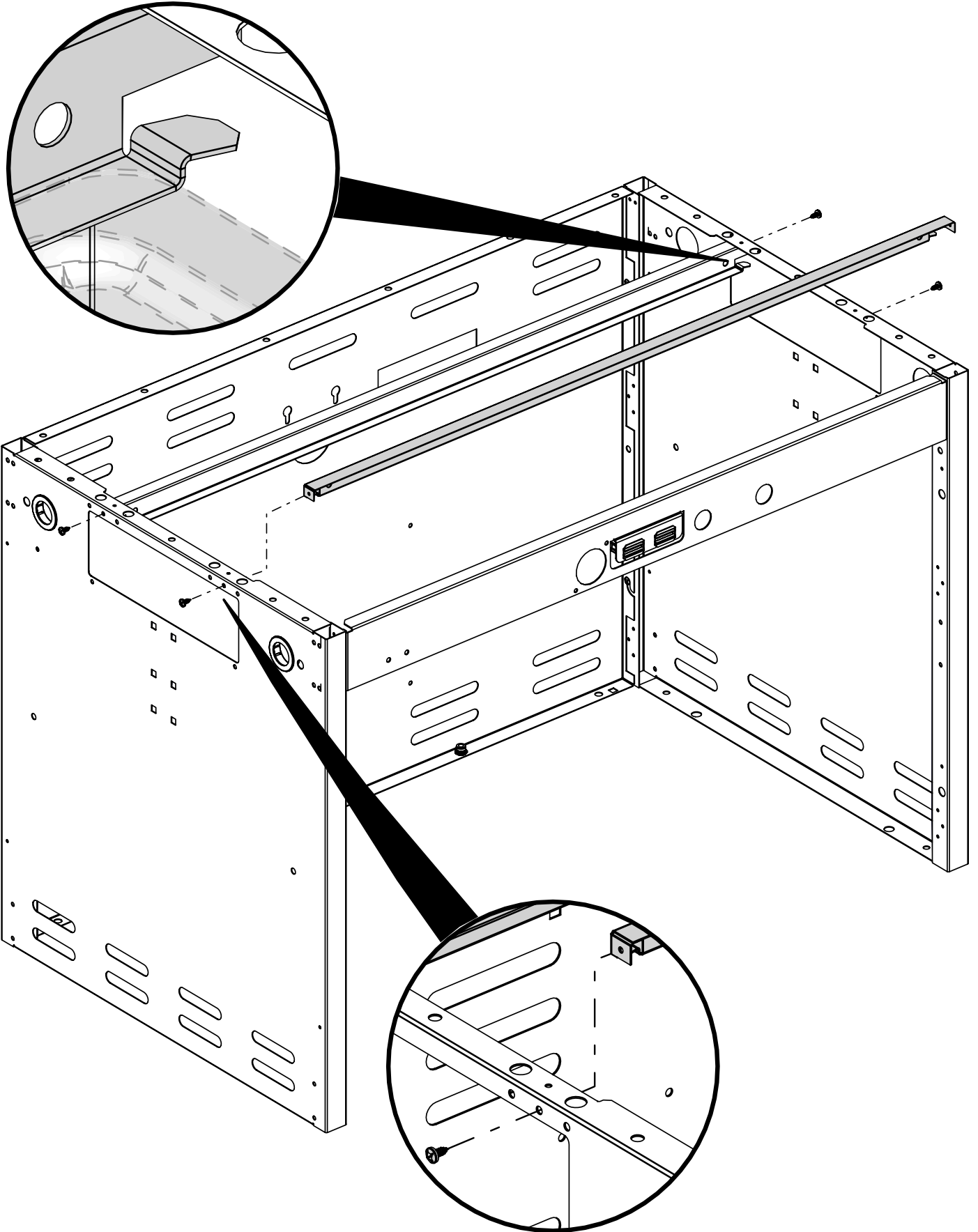
(2) 

(2)

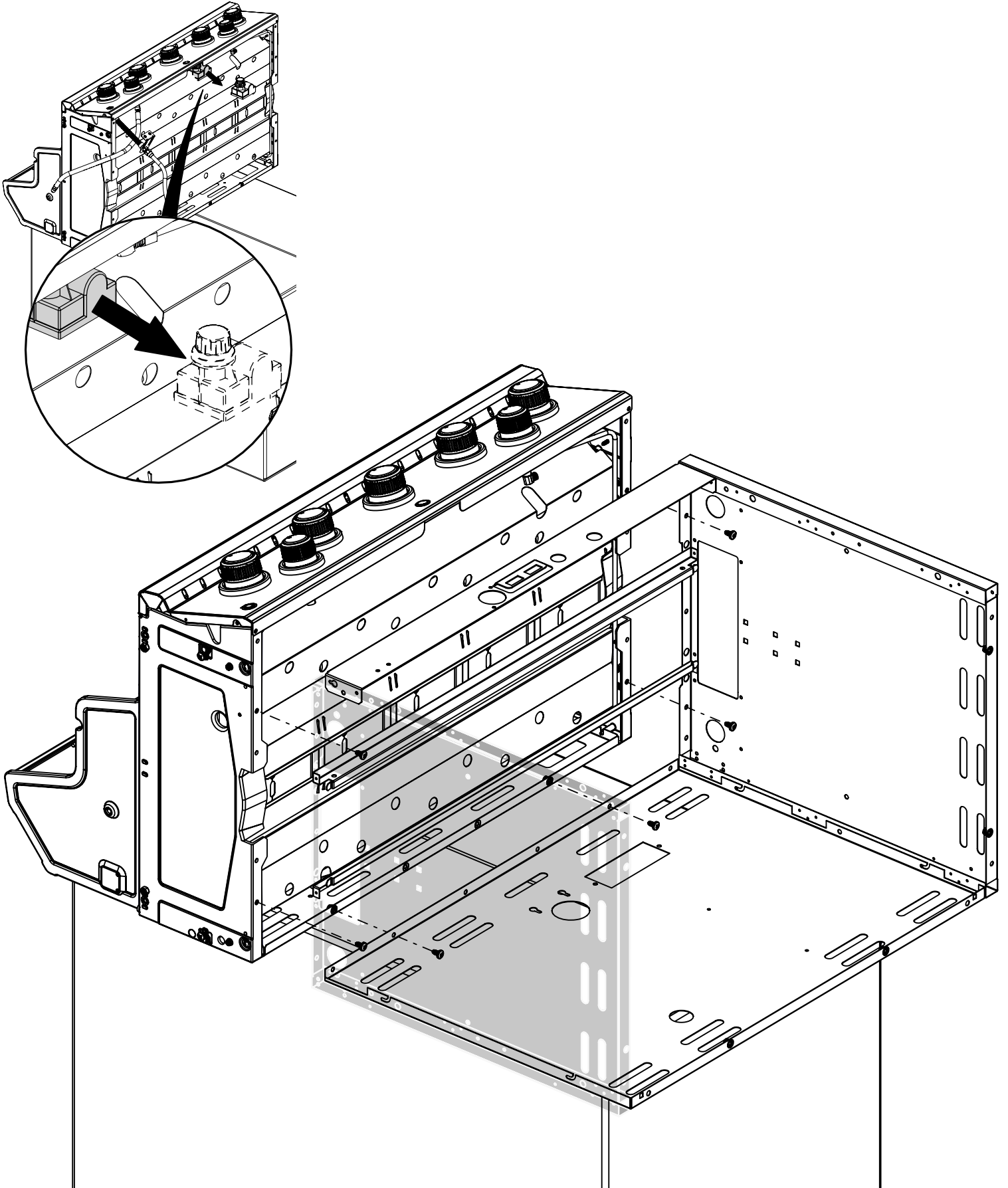
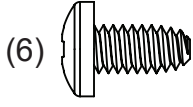


5

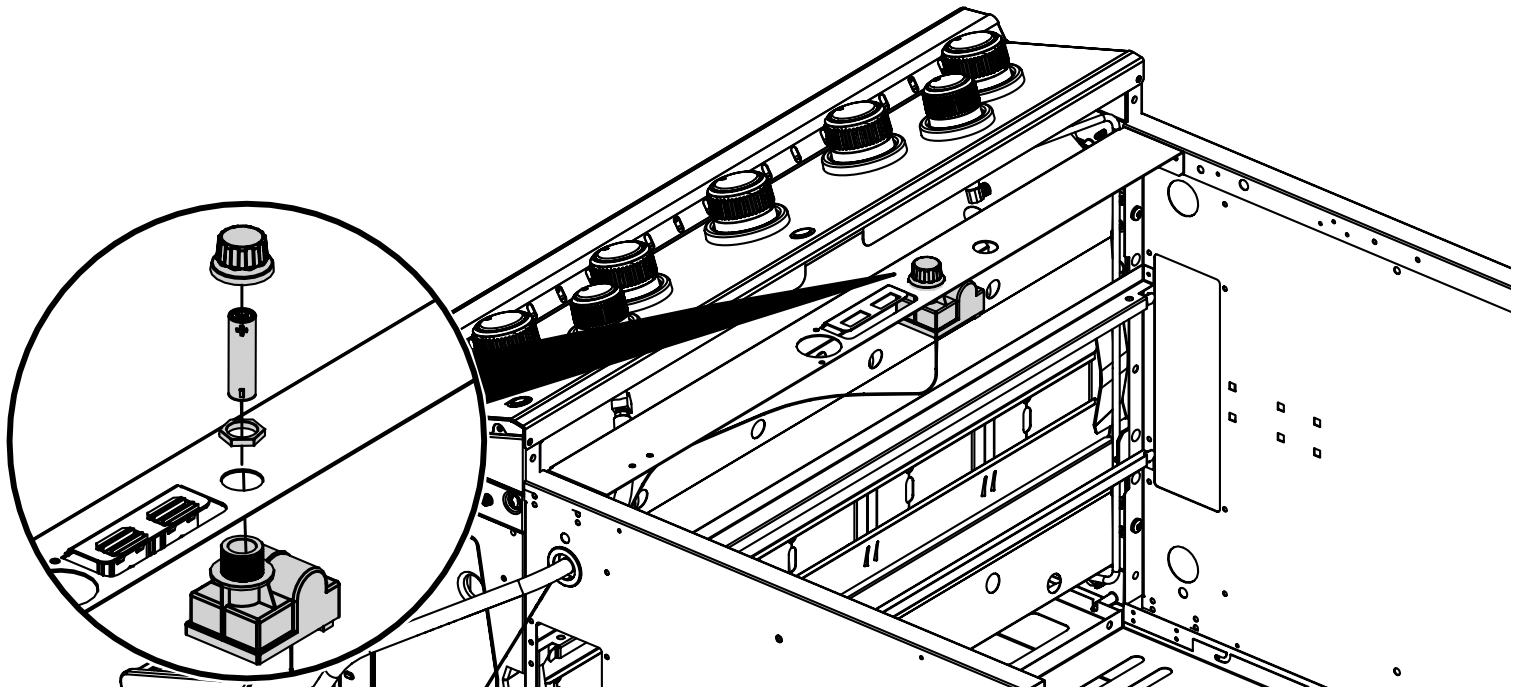
(4) 




6

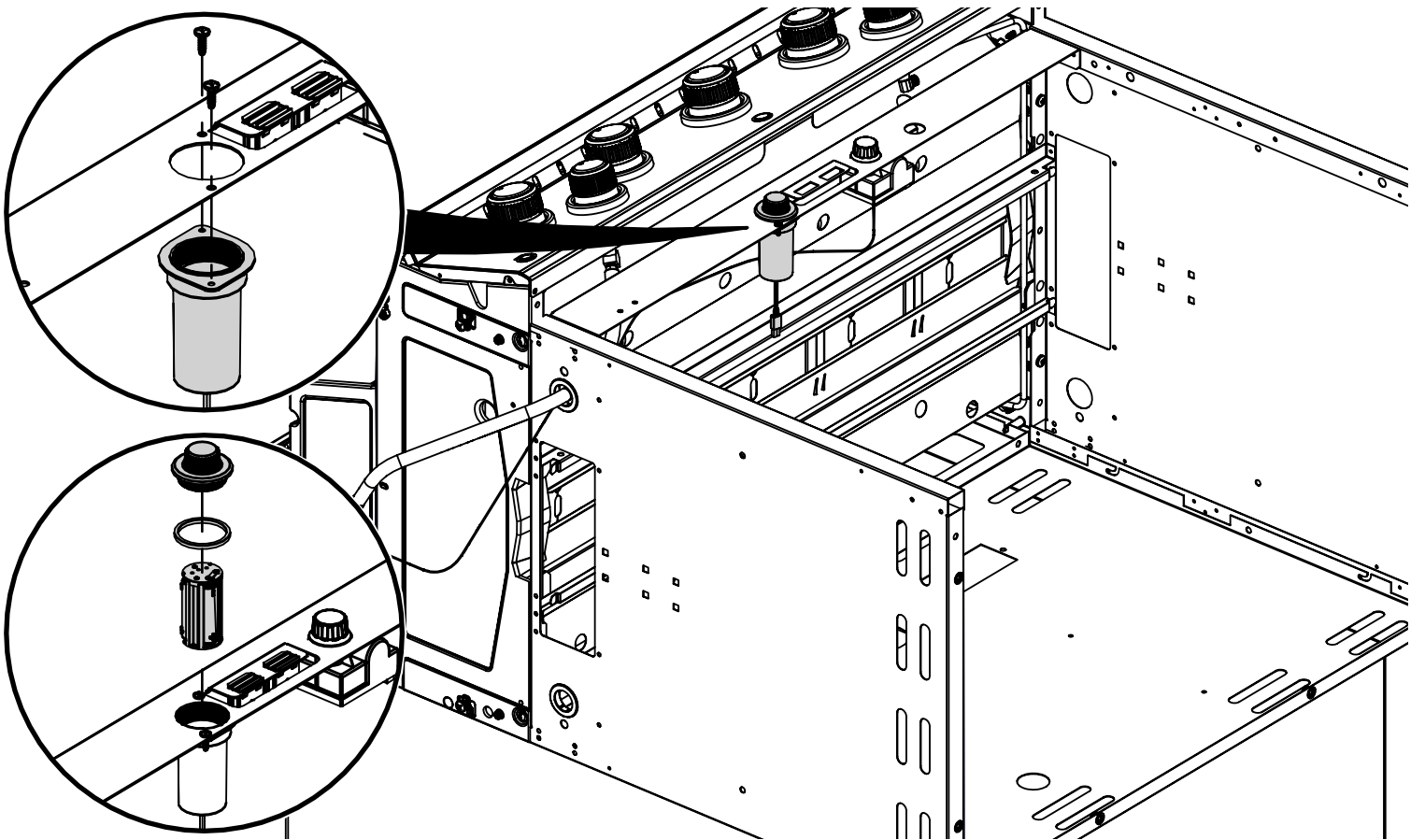


7

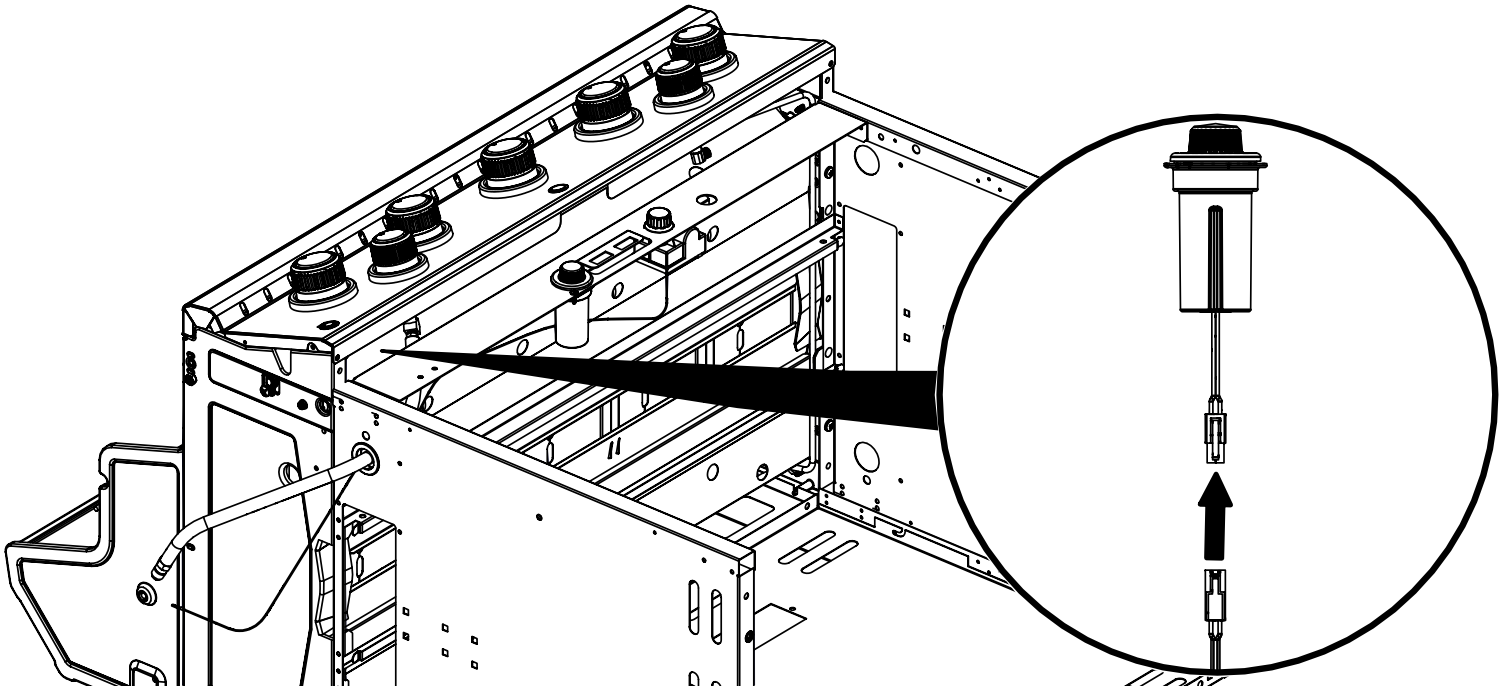


8

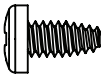
(2) 

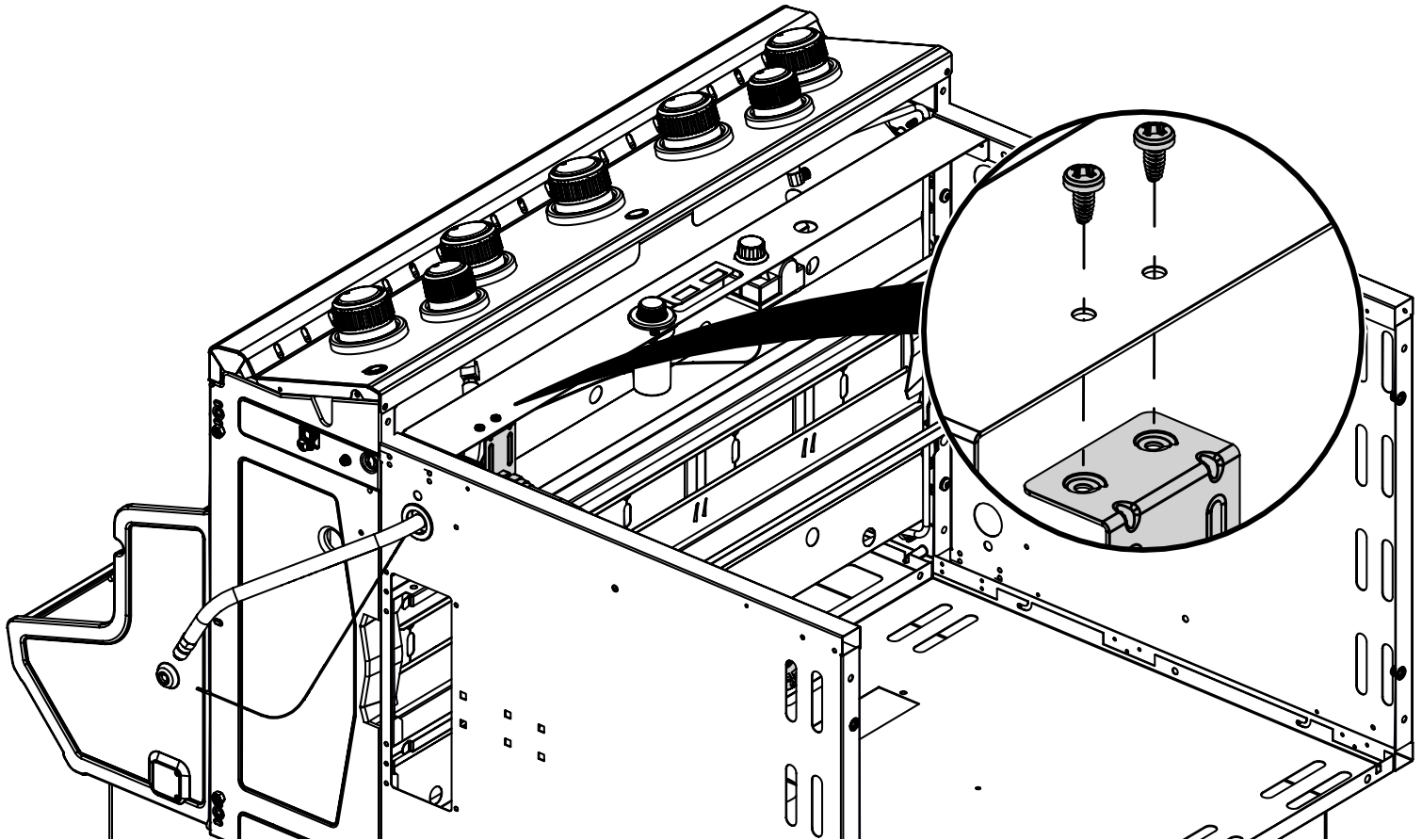


9

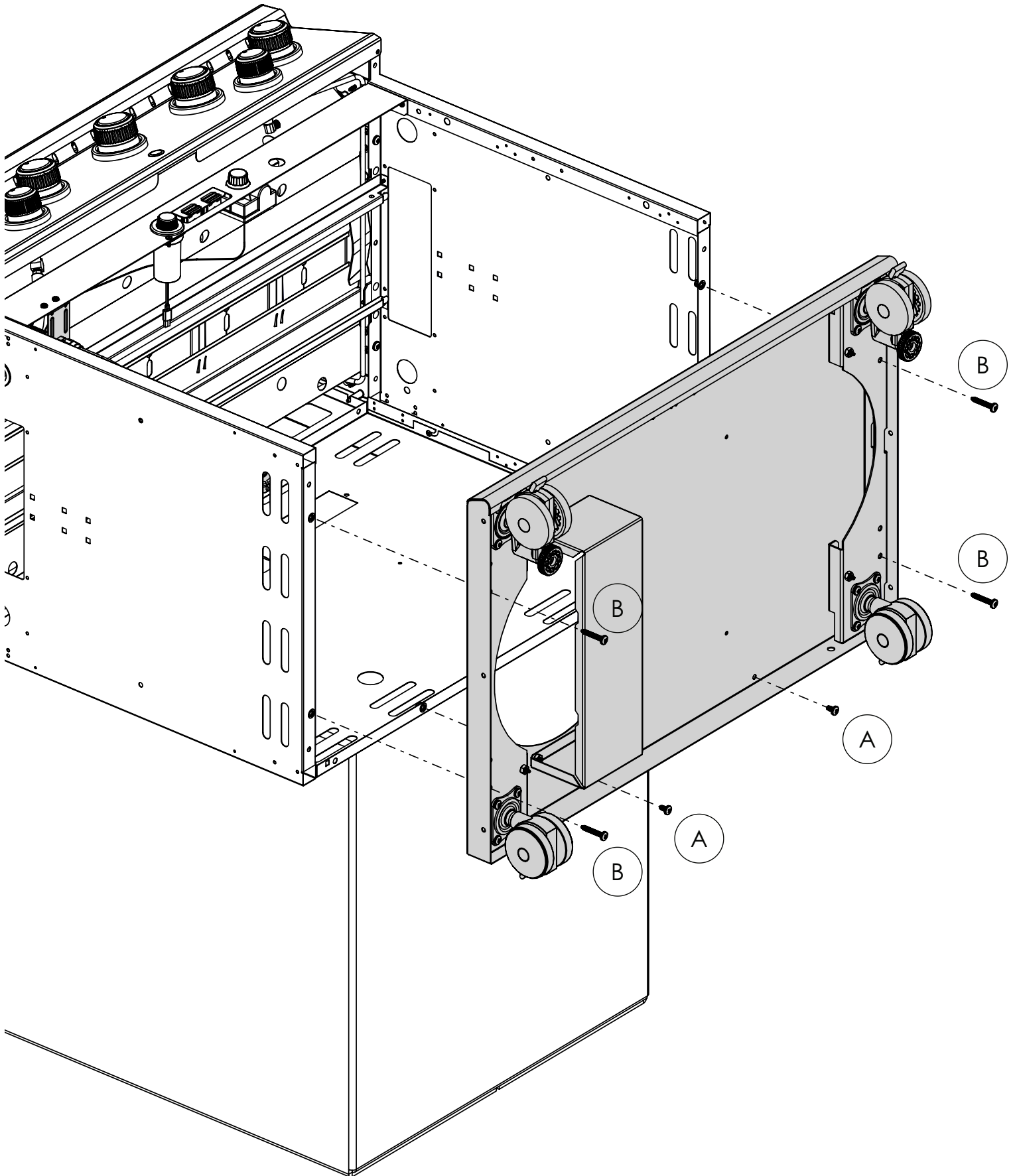
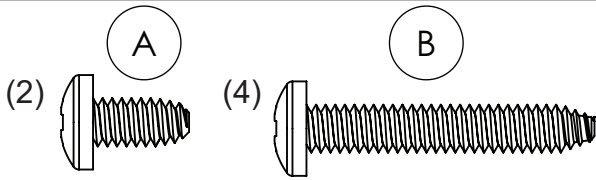


10

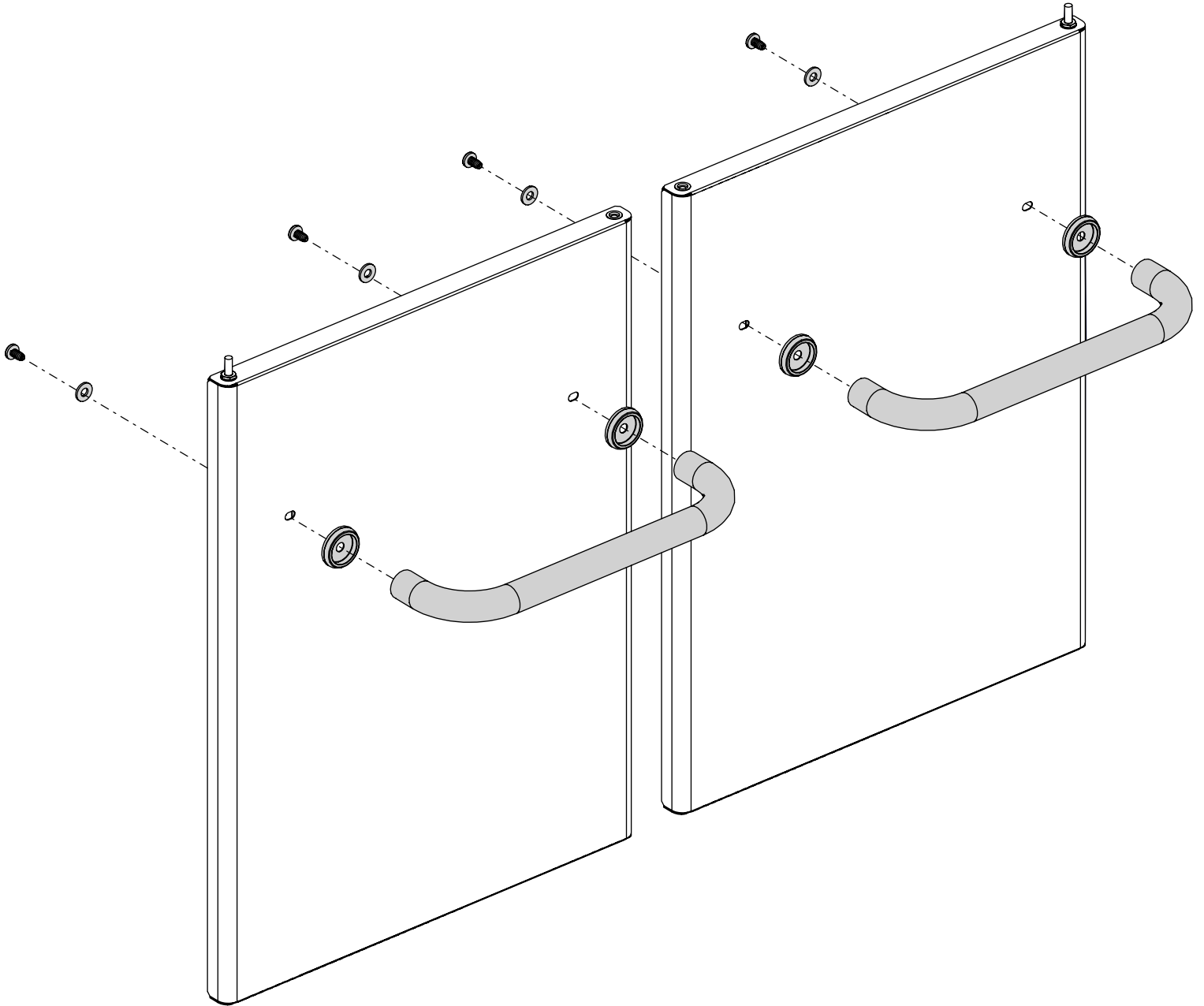
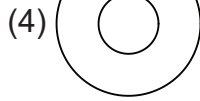
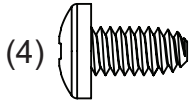
(2) 

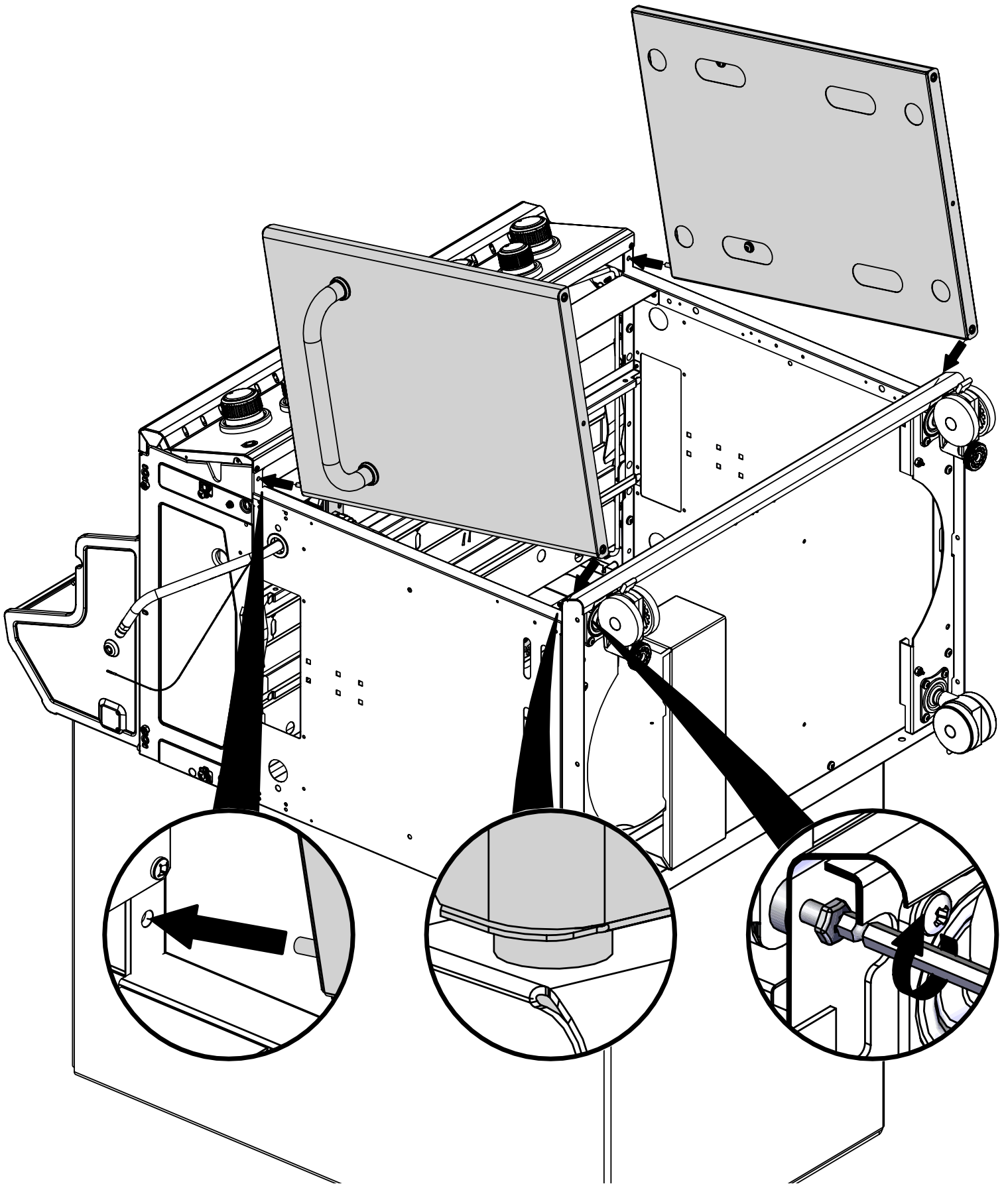


# 11

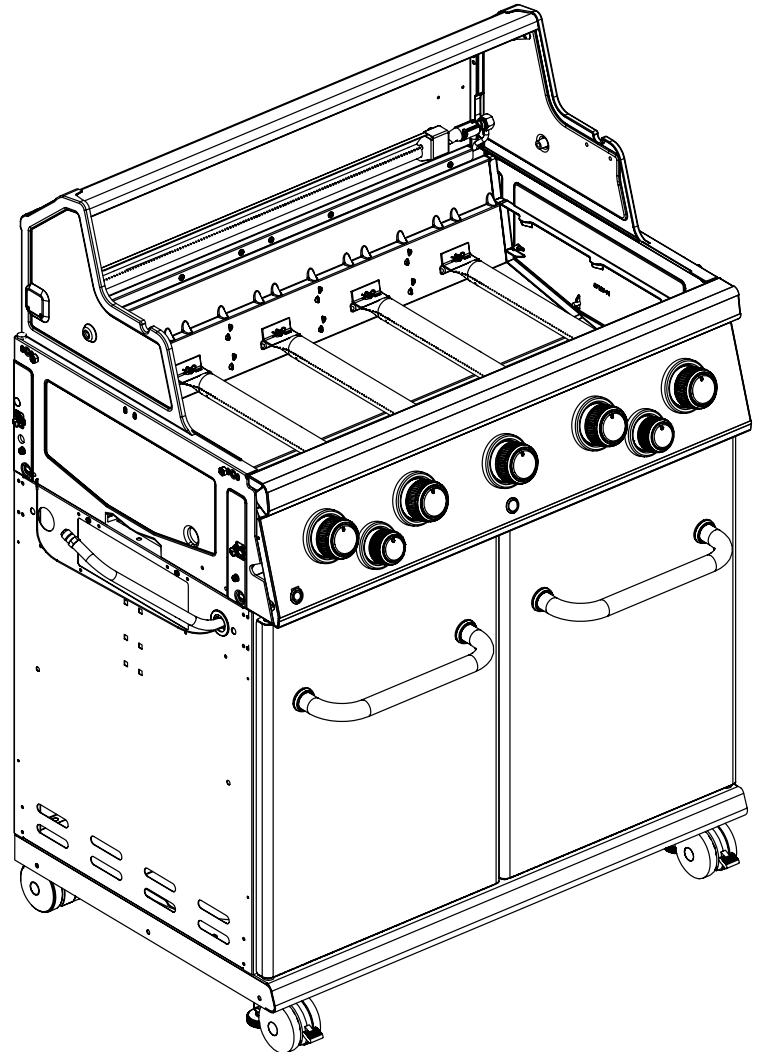
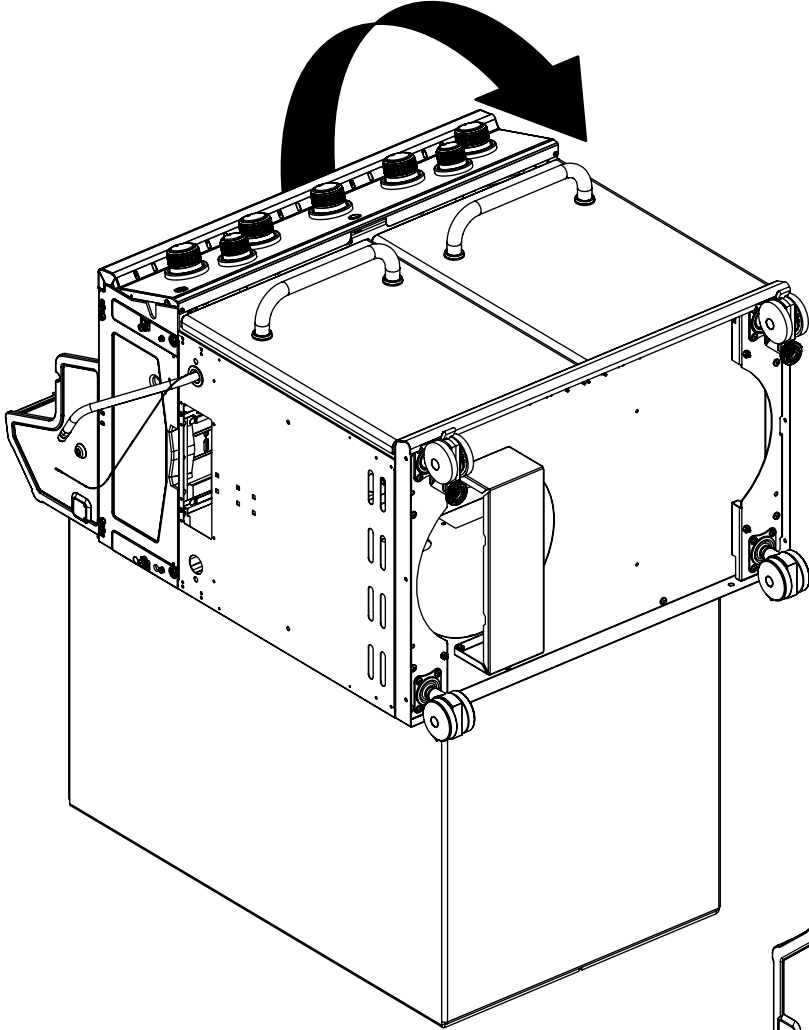


# 12

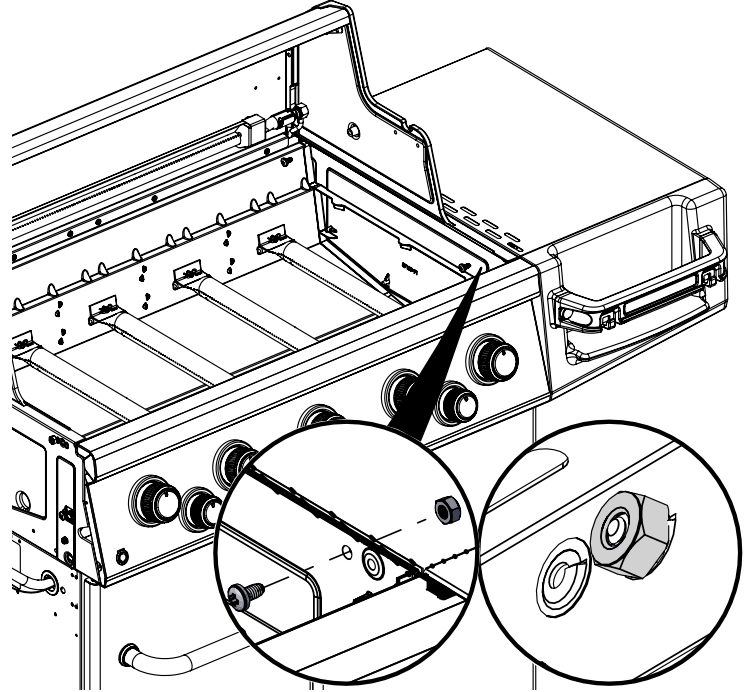
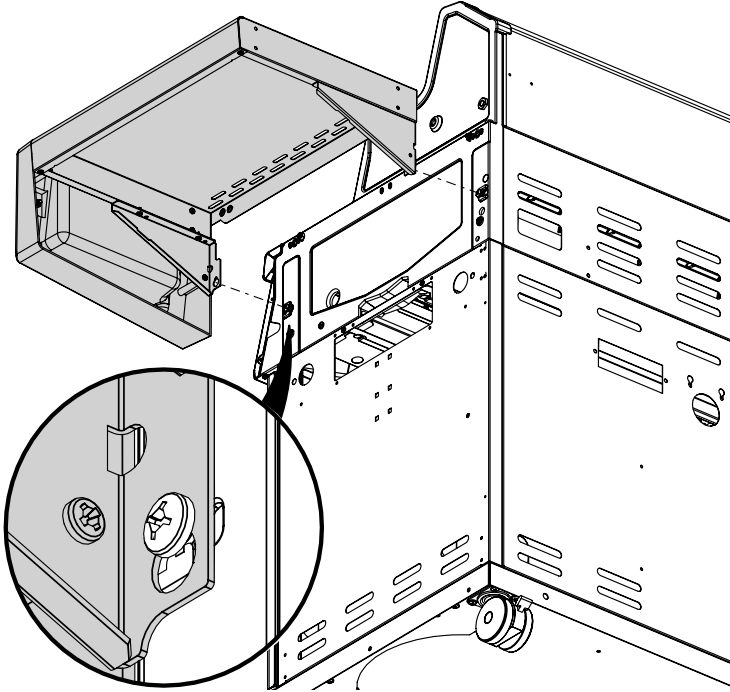
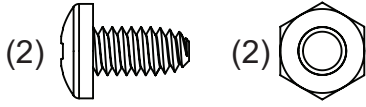




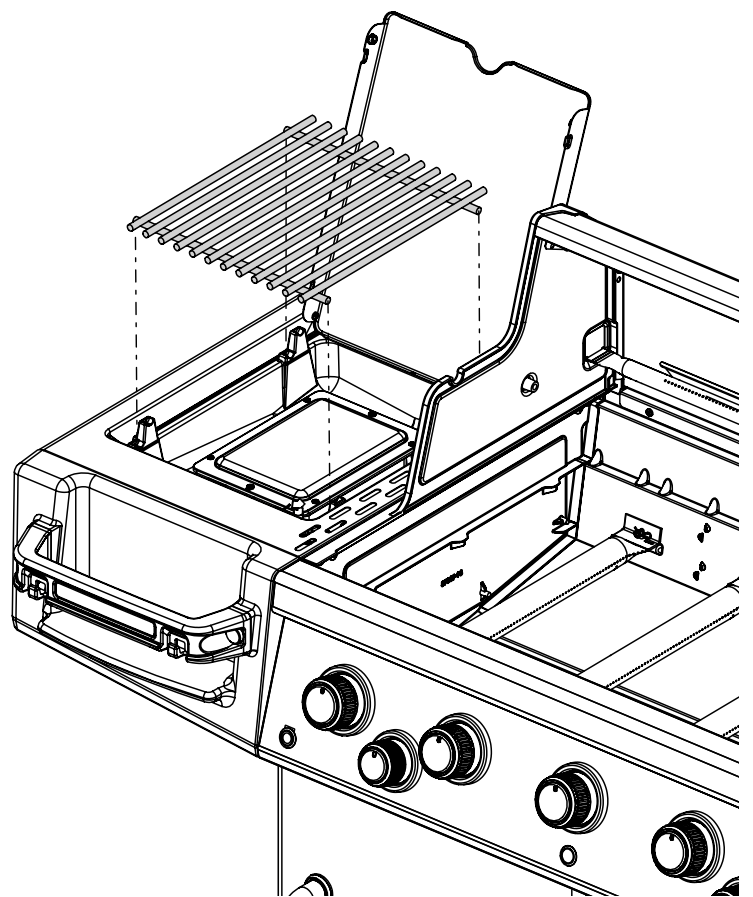
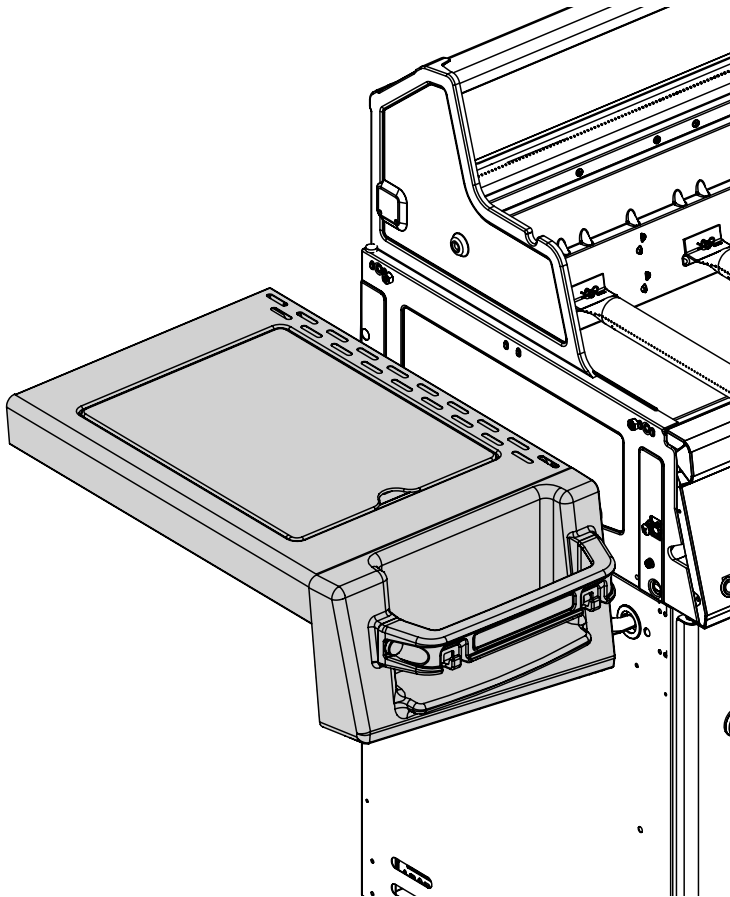
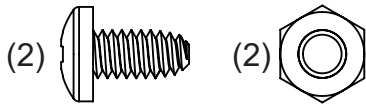


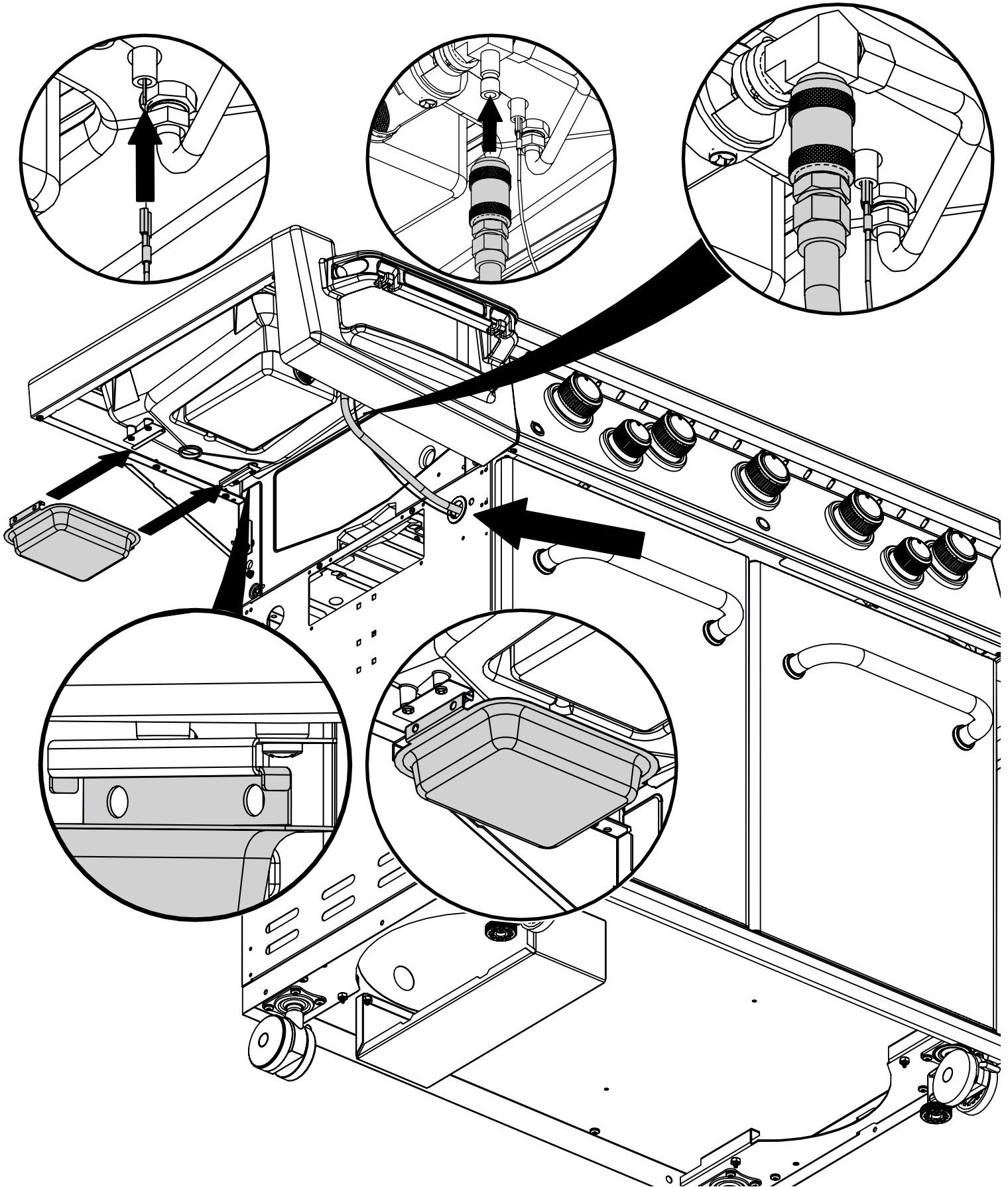


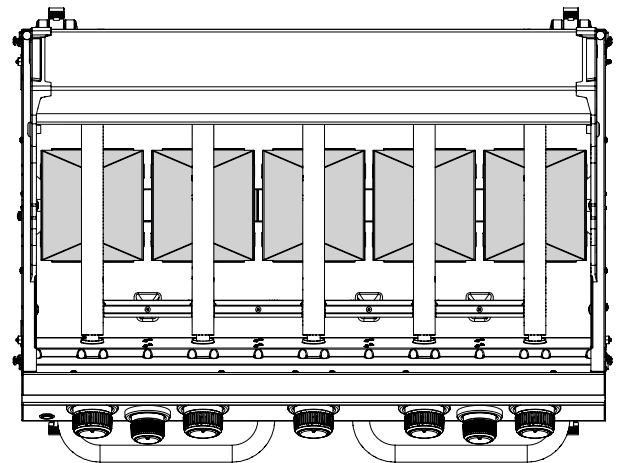
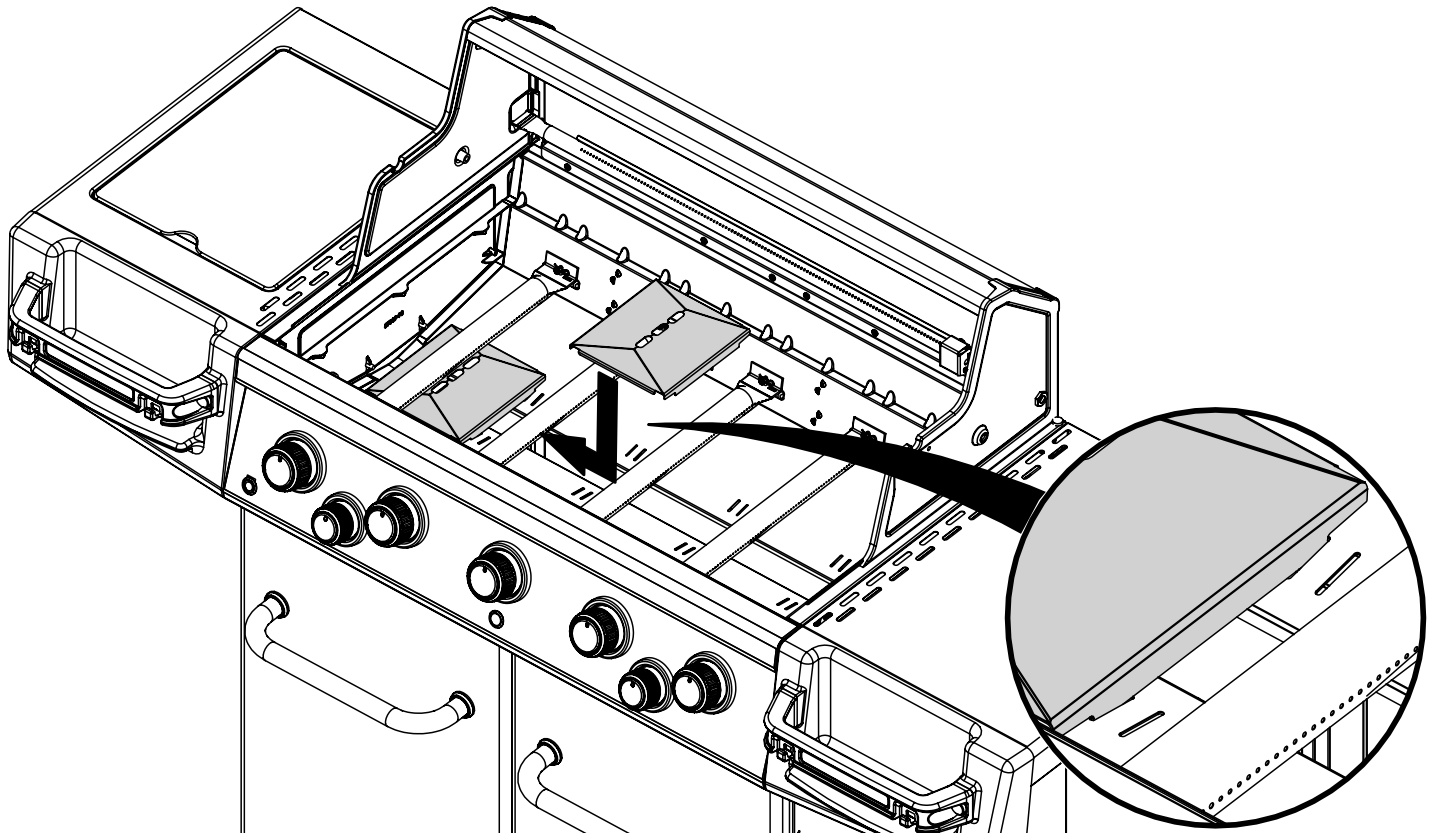
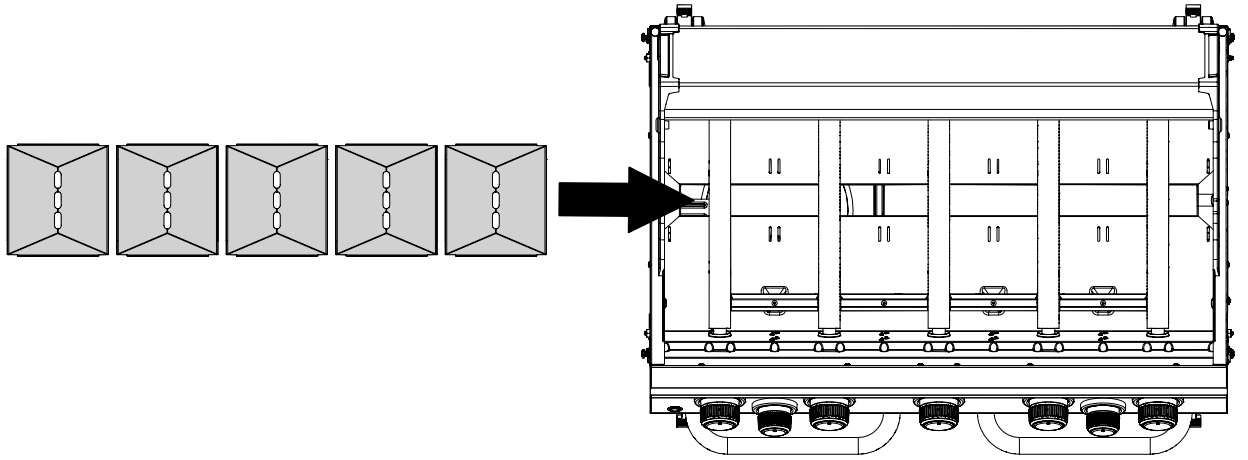
# 15



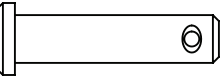
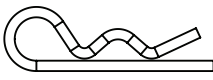
# 16

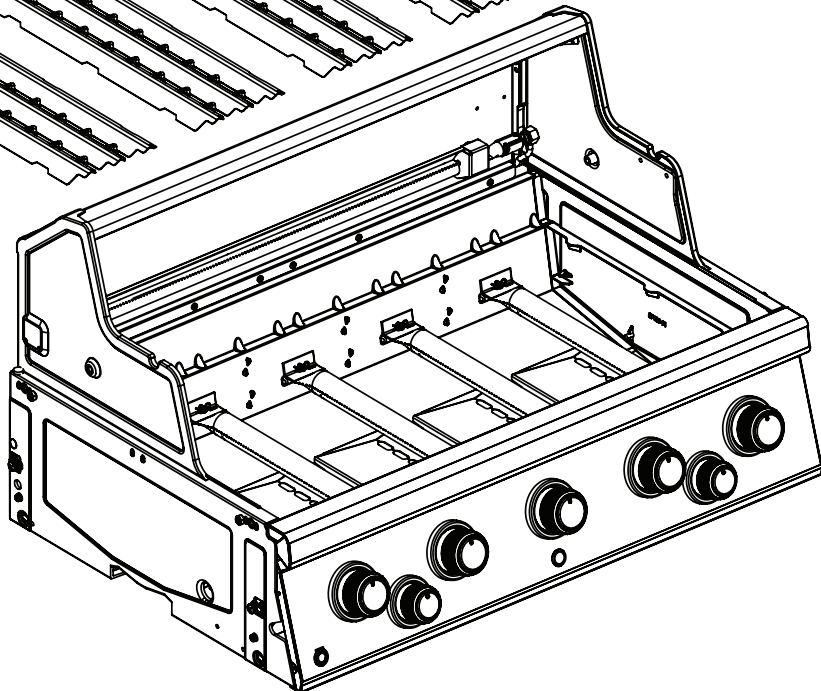
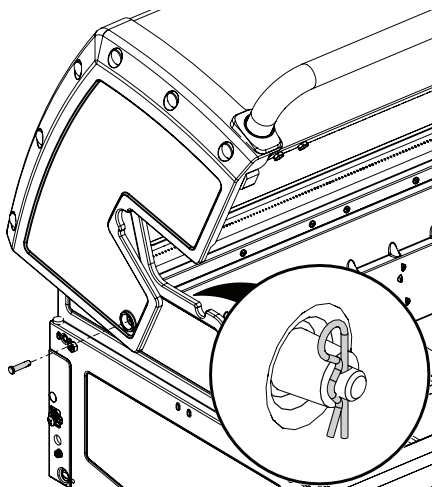
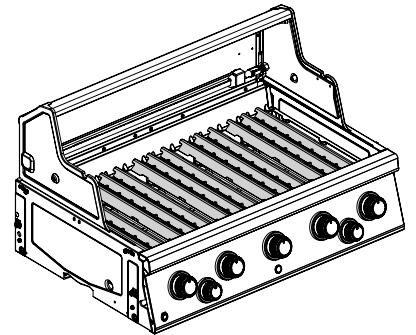
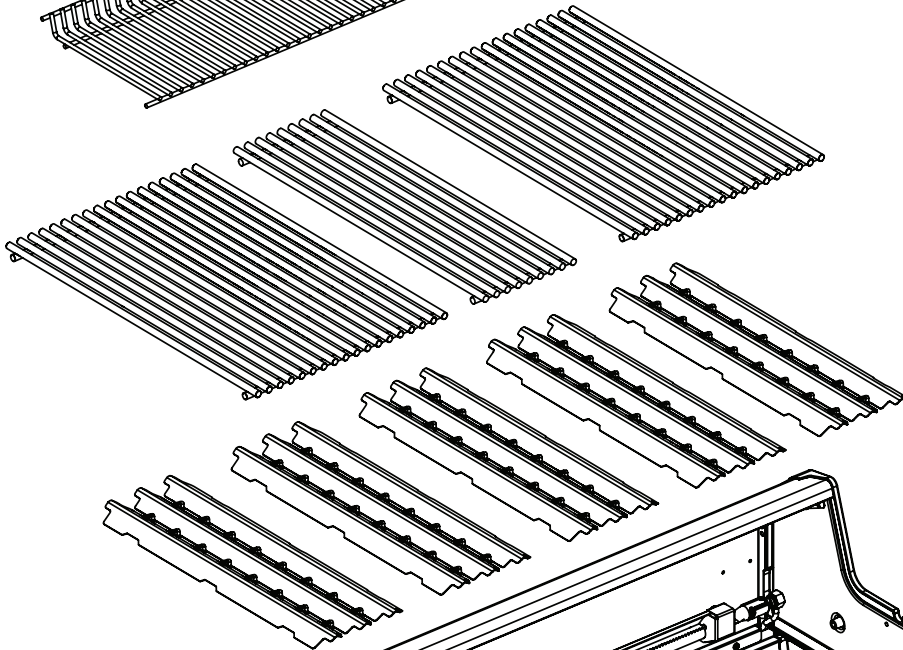
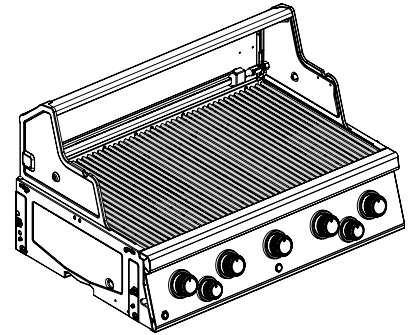
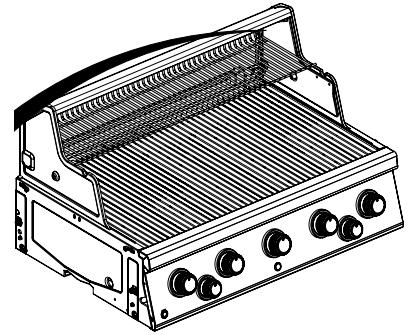
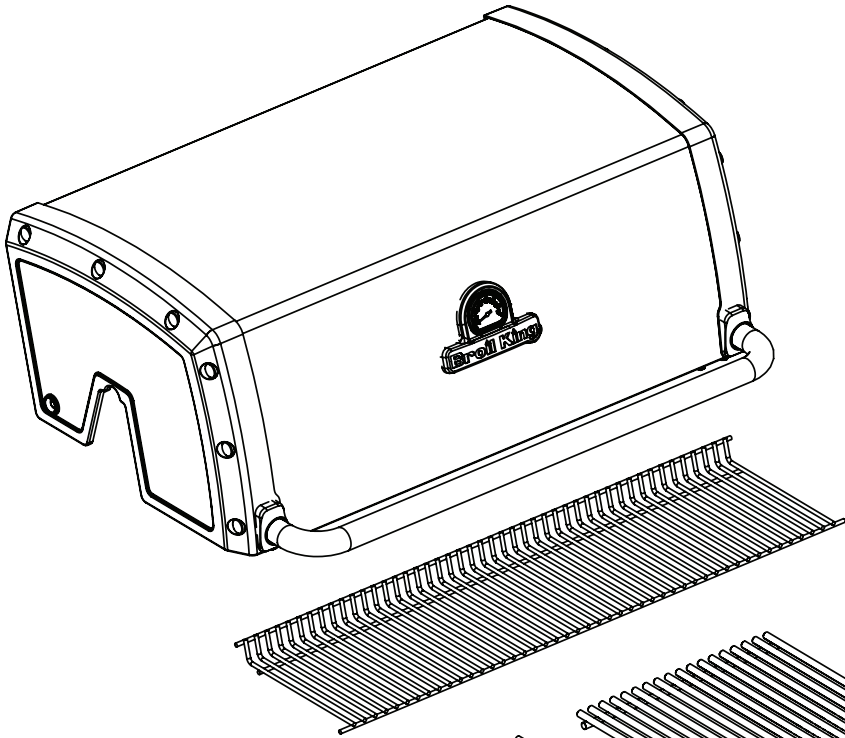




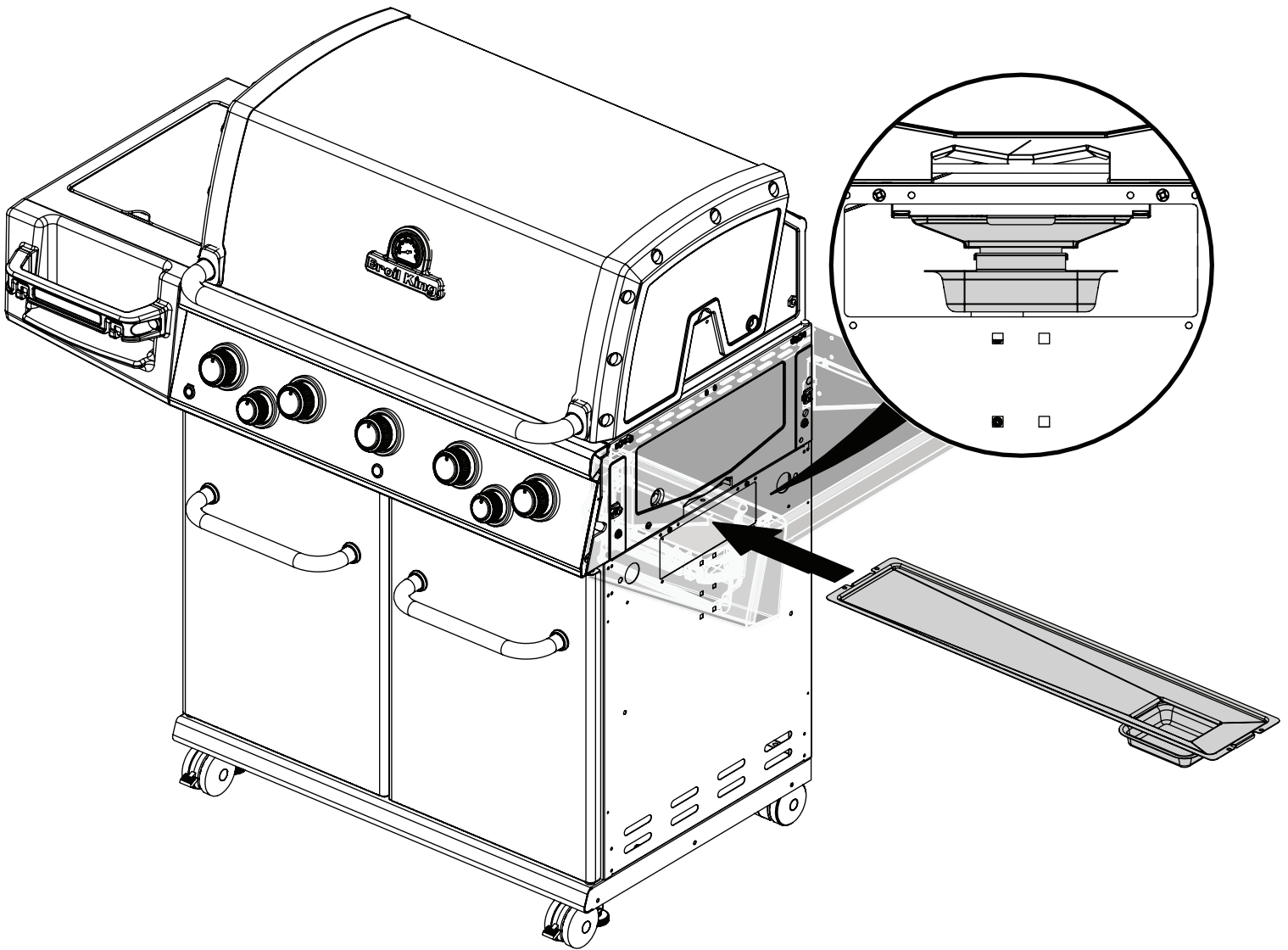
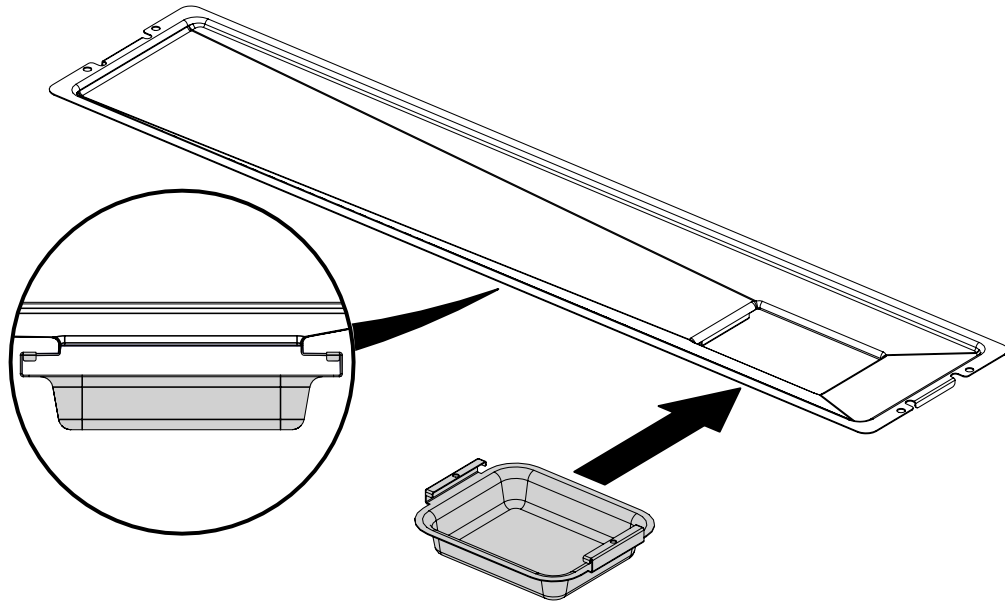


# 19

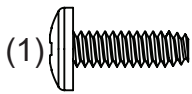
(2)  (2) 





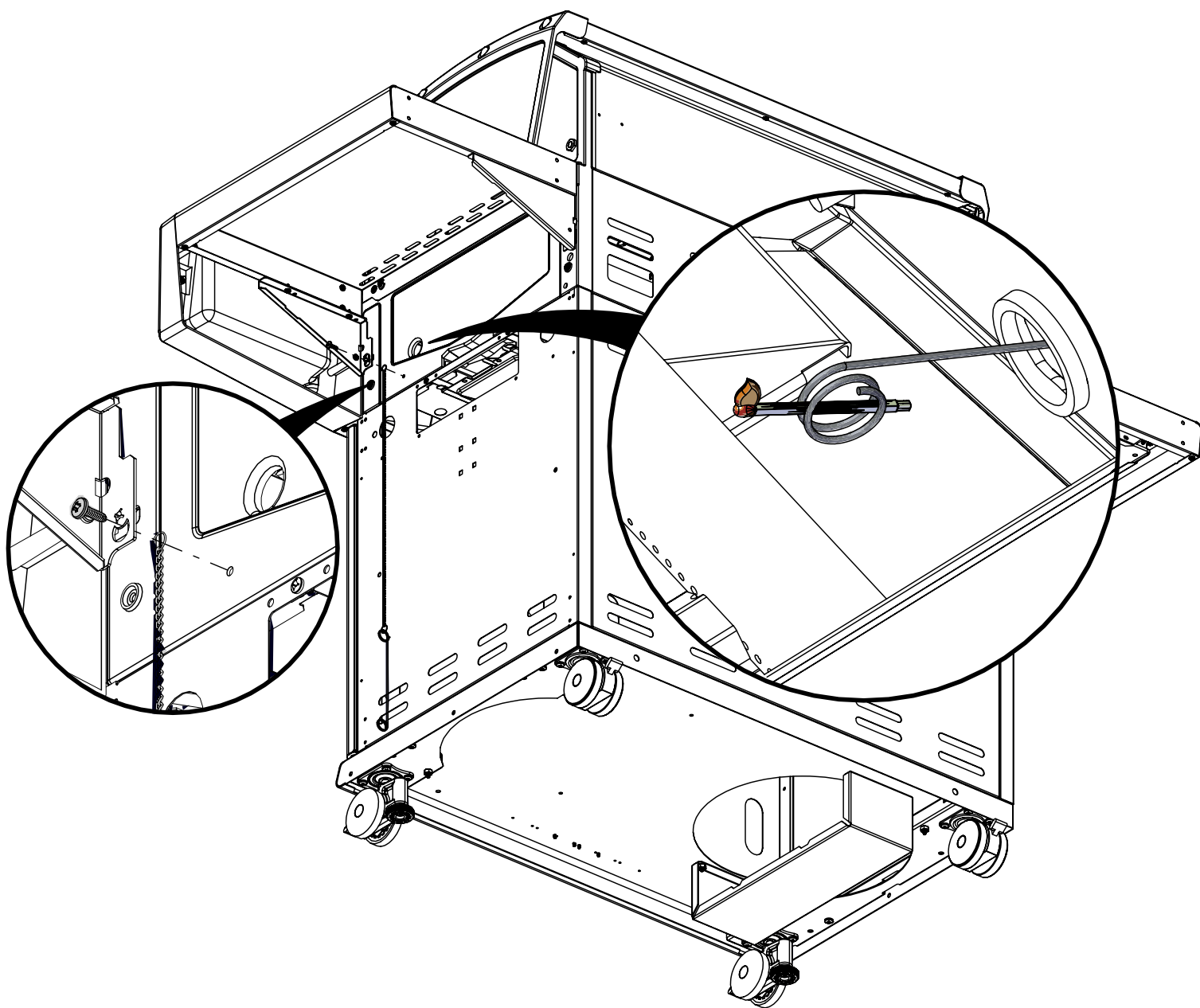


# 21

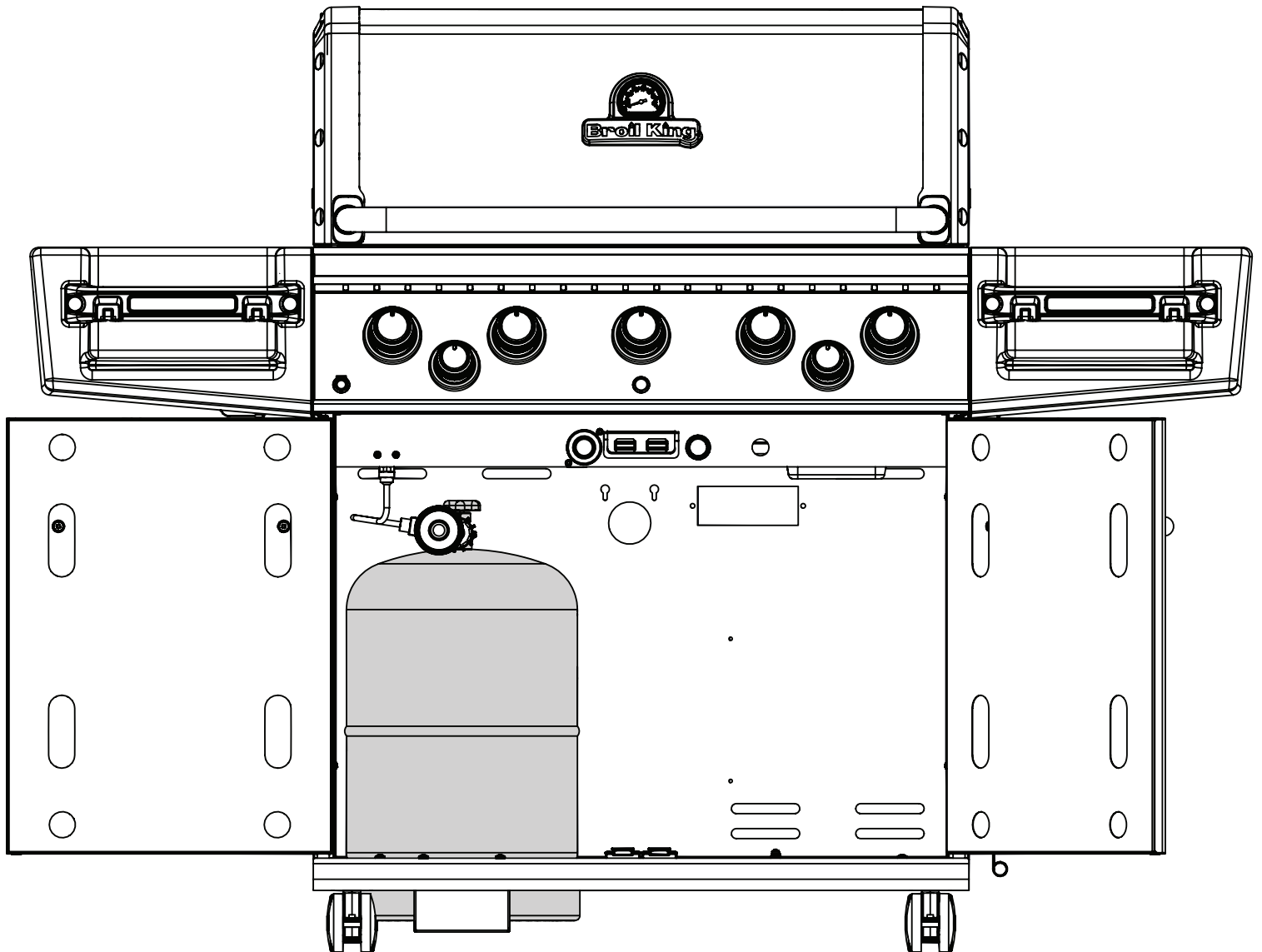
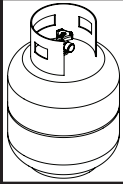


(1)

(1)

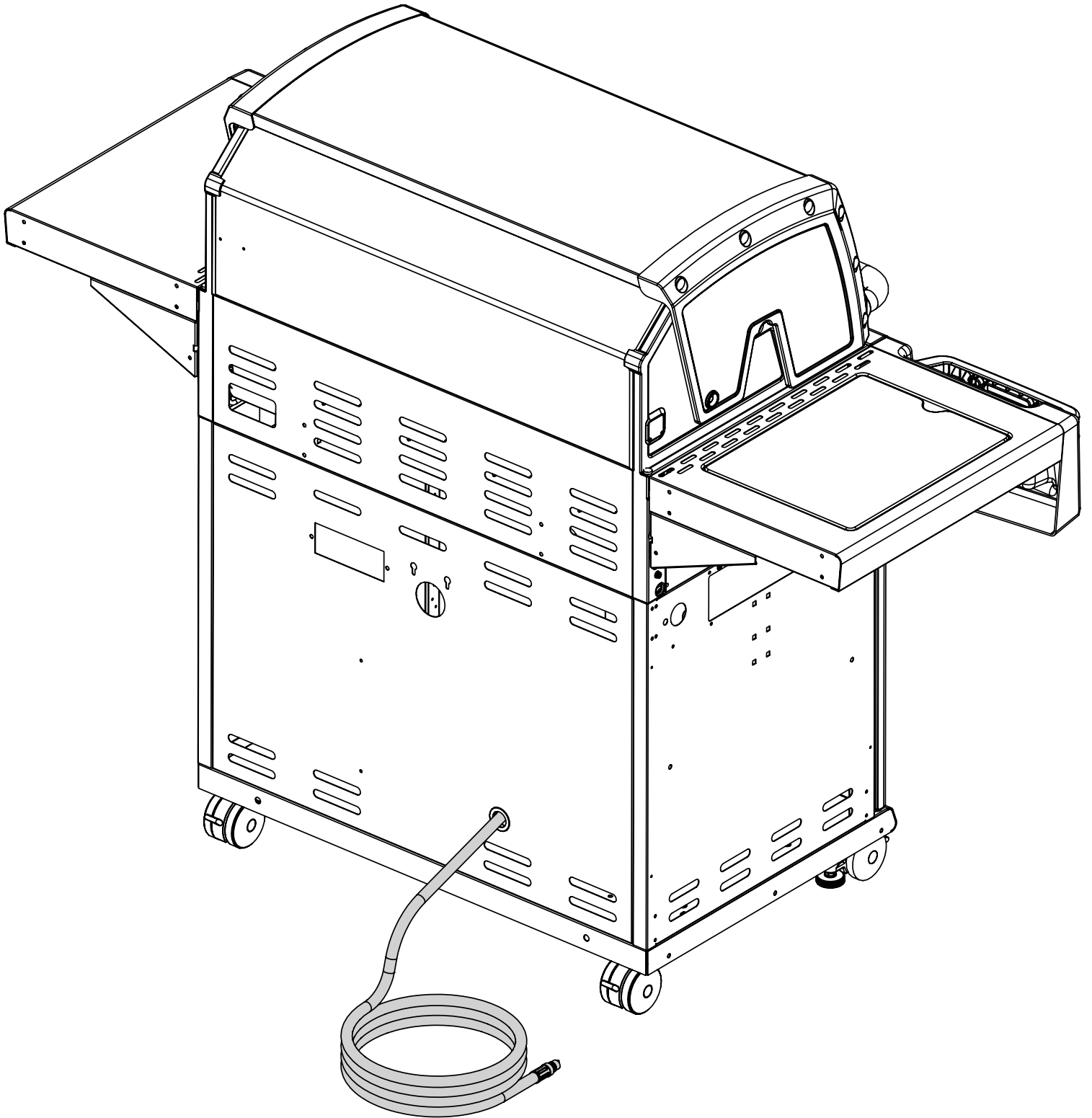


22



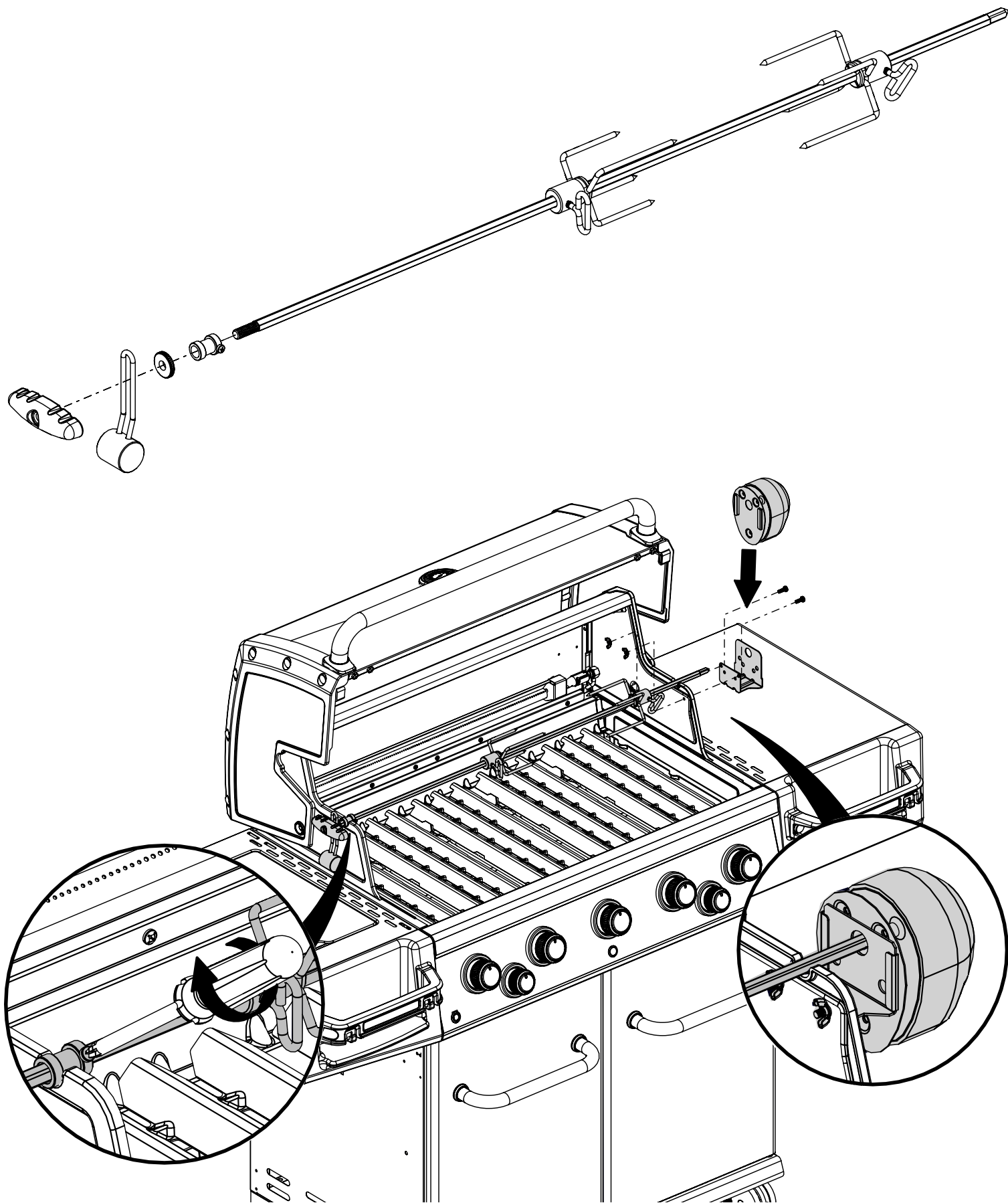


23



# 24

- (2) 
- (2) 



## PARTS LIST / LISTE DES PIECES / LISTA DE PARTES

KEY #	ITEM #	DESCRIPTION	9989-42	9989-43	9989-46
1	27006-003	FIRE BOX ASSEMBLY	1	1	1
2	86006-303	LID ASSEMBLY	1	1	1
5	27249-904	GREASE SHIELD	5	5	5
7	Y-11544S	SCREW - BURNER	5	5	5
8	S21242	BURNER CLIP	5	5	5
18	22005-281	CI GRID - SINGLE	.	5	5
	22022-284	SS GRID - DOUBLE	2	.	.
18A	22005-284	SS GRID - SINGLE	1	.	.
20	22006-991	GRID - WARMING RACK	1	1	1
22	22226-014A	COLLECTOR BOX	1	1	1
25	22909-104D	BURNER	5	.	.
	22909-104E	BURNER	.	5	.
	22909-NGE	BURNER	.	.	5
26	22001-769	CONTROL KNOB	5	5	5
26A	22001-669	CONTROL KNOB	2	2	2
27	22002-264	CONTROL BEZEL	5	5	5
27A	22001-164	CONTROL BEZEL	2	2	2
28	22006-883	CONTROL COVER	1	1	1
29	Y-12678	BEZEL STOP	1	1	1
30	Y-12674	KNOB ADAPTER	1	1	1
32	10111-15A	HOSE	1	1	1
33	10153-93	QUICK DISCONNECT FITTING	1	1	1
34	S13473-IR	HOSE-SIDE BURNER	1	1	1
34A	Y-11230	COTTER PIN	1	1	1
35	29006-072IR	CONTROL ASSEMBLY	1	.	.
	29006-075IR	CONTROL ASSEMBLY	.	1	.
	29006-076IR	CONTROL ASSEMBLY	.	.	1
36	10342-T21	ELECTRODE - SIDE BURNER	1	1	1
37	20809-957	TUBE-REAR BURNER ASSY	1	1	1
38	Y-11990	HEX NUT	1	1	1
39	10110-74	TUBE - COMPRESSION FITTING	1	1	1
41	20153-64	ORIFICE ADAPTER	1	1	1
42	10153-79	FITTING	1	1	1
43	10342-E13	ELECTRODE	2	2	2
43A	10342-E22	ELECTRODE	1	1	1
44	10342-45	ELECTRONIC IGNITOR	1	1	1
44A	25070-92	WIRE - IGNITOR	1	1	1
44B	25070-93	BUTTON - IGNITOR	1	1	1
45	10693-073	ORIFICE	1	.	.
	10693-079	ORIFICE	.	1	.
	10693-109	ORIFICE	.	.	1
46	23039-274	GREASE RAIL	2	2	2
47	21036-991	GREASE RAIL	2	2	2
48	22009-901	GREASE PAN	2	2	2
49	27056-901	GREASE TRAY	1	1	1
51	22209-903	FLAV-R-WAVE ®	5	5	5
56	24006-12A	HANDLE	1	1	1
58	54009-936	BEZEL	2	2	2
59	10081-BK630	NAMEPLATE	1	1	1
60	10571-6	HEAT INDICATOR	1	1	1
65	20005-000	MATCH LIGHT - STICK	1	1	1
68	23276-213A	DOOR	1	1	1
69	23276-233A	DOOR	1	1	1
70	21106-13	HANDLE	2	2	2
71	21070-13	BEZEL	4	4	4
78	21336-111	BRACKET - DOOR CATCH	1	1	1
80	21109-905R	SIDE PANEL	2	2	2
84	21039-301	BASE - TANK	1	1	1
88	21306-925R	PANEL - REAR	1	1	1

## PARTS LIST / LISTE DES PIECES / LISTA DE PARTES

KEY #	ITEM #	DESCRIPTION	9989-42	9989-43	9989-46
90	51096-931	BASE	1	1	.
	51096-955	BASE	.	.	1
100	21039-911	BRACKET – CASTOR SUPPORT	2	2	2
102	10892-23	CASTOR	2	2	2
102A	10892-285	CASTOR	2	2	2
114	23001-613	SHELF - RIGHT	1	1	1
115	23001-653	SHELF - LEFT	1	1	1
124	23090-27	SIDE BURNER BODY	1	1	1
125	23000-253	SIDE BURNER COVER	1	1	1
126	20390-74	SIDE BURNER	1	1	1
127	18670	SIDE BURNER SCREEN	1	1	1
128	23001-79	GRID	1	1	1
130	27905-354	BURNER ROTISSERIE	1	1	1
131	10693-099	REAR BURNER-ORIFICE	1	.	.
	10693-102	REAR BURNER-ORIFICE	.	1	.
	10693-155	REAR BURNER-ORIFICE	.	.	1
133	S15271	HANDLE	1	1	1
134	S15270	BALANCER	1	1	1
135	S15299	WASHER	1	1	1
136	S15263	BUSHING	1	1	1
137	S15259	SPIT ROD	1	1	1
138	S15287	4 PRONG FORKS	2	2	2
139	57039-901	ROTISSERIE BRACKET	1	1	1
140	S21125	SCREW #8 X 1/2	4	4	4
141	Y-11559	BOLT 1/4-20 X 1	2	2	2
142	S21127S	SCREW #8-32 X 7/16	21	21	21
144	Y-12220	BUSHING	2	2	2
145	S21235	HINGE PIN	2	2	2
146	S21233	HITCH PIN CLIP	2	2	2
147	Y-11231	LID BUMPER	2	2	2
148	10240-20	DOOR PIN	2	2	2
149	Y-11551	SHOULDER SCREW 1/4-20 X 1	2	2	2
150	Y-12124	DOOR PIN CAP	2	2	2
151	Y-12857	WASHER	4	4	4
152	Y-12222	MAGNET	2	2	2
153	Y-12223	SNAP IN MAGNET	2	2	2
154	Y-11560	SCREW 1/4-20 X 1-1/2	8	8	8
155	S21124	SCREW #8 X 1/2	14	14	14
156	Y-11793	NUT 1/4-20	12	12	8
157	Y-12835	SCREW #6-32 X 1/4	2	2	2
158	Y-12641	SCREW SHOULDER #8 X 1/2	2	2	2
160	Y-29304	BOLT #10-24 X 3/8	2	2	2
161	Y-12310	SCREW 1/4-20 X 3/4	4	4	4
163	S35094	SCREW #10-24 X 5/8	1	1	1
169	S21061	WING NUT	2	2	2
170	S15517-011	ELECTRODE ASSEMBLY	1	1	.
	S15517-018	ELECTRODE ASSEMBLY	.	.	1
171	S15246	MOTOR	1	1	1
172	S15508	ELECTRODE	1	1	1
173	S21362	SPRING	1	1	1
180	S35095	SCREW #10-24 X 5/8	2	2	2
181	25030-73	WIRE - BATTERY PACK	1	1	1
181A	25070-95	LIGHT SWITCH	1	1	1
184	25080-80	BATTERY PACK	1	1	1
186	Y-12865	SCREW 1/4-20 X 3/4	32	32	28
190	25020-83	WIRE - LED LIGHT	1	1	1
191	25020-84	WIRE - LED LIGHT	1	1	1
193	SP11-25	LID BUMPER	2	2	2

