

# Broil King®

---

---



## Broil King Imperial™

690 IR  
9977-82IR  
9977-83IR  
9977-86IR



## Broil King Imperial™

S 690 IR  
9979-82  
9979-83  
9979-86

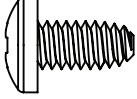


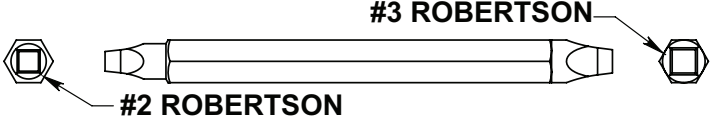
---

---

*Onward*  
MANUFACTURING COMPANY  
SINCE 1906  
1000 EAST MARKET STREET  
HUNTINGTON, INDIANA, 46750, USA

20084-E37EU REV C 01/21

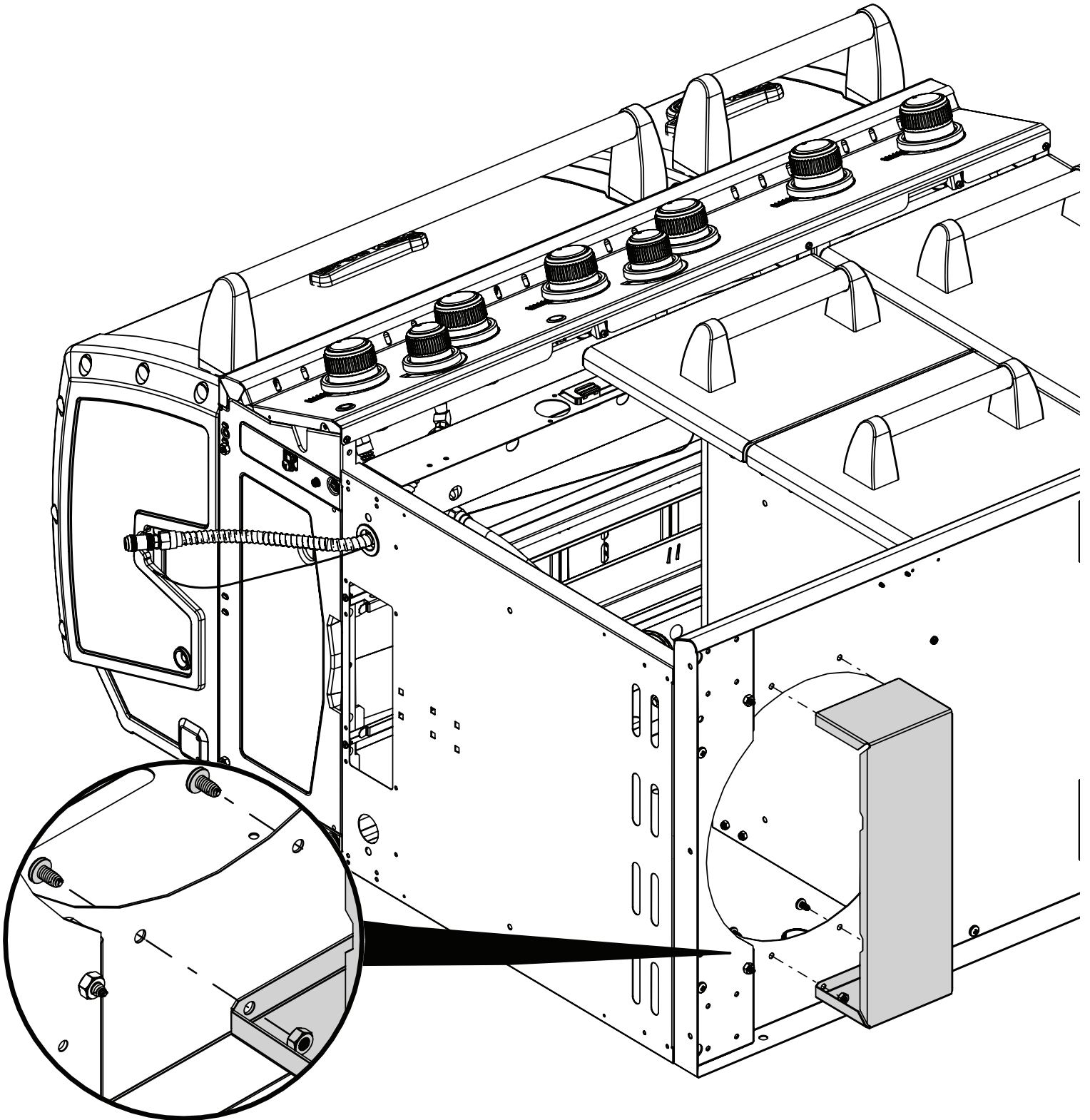
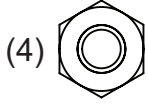
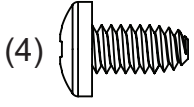
## HARDWARE INCLUDED

Y-12865		(32)	Y-11793		(8)
Y-29306		(4)	 <p>#3 ROBERTSON</p> <p>#2 ROBERTSON</p>		

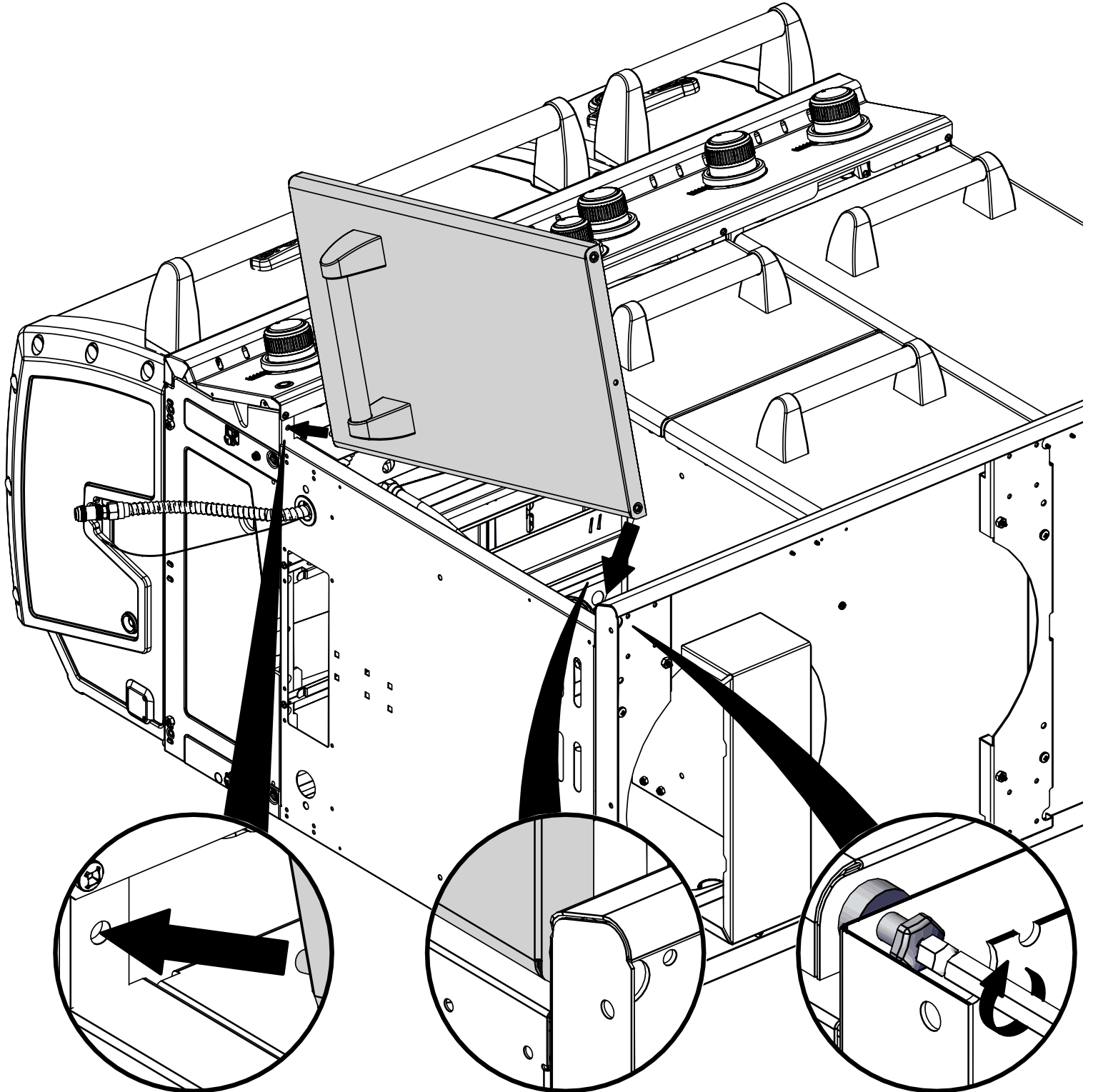
## TOOLS REQUIRED



# 1

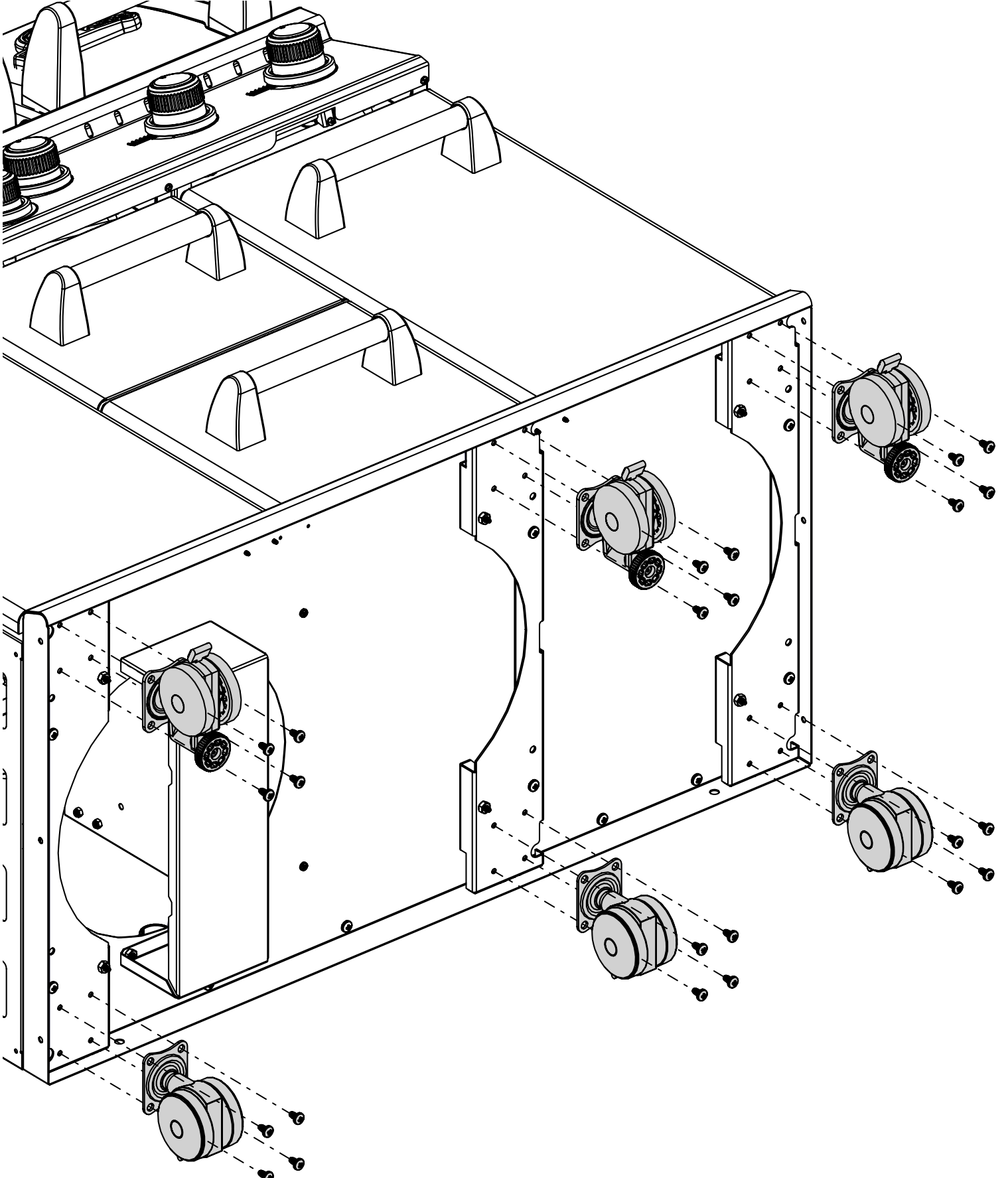
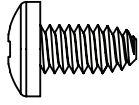


2

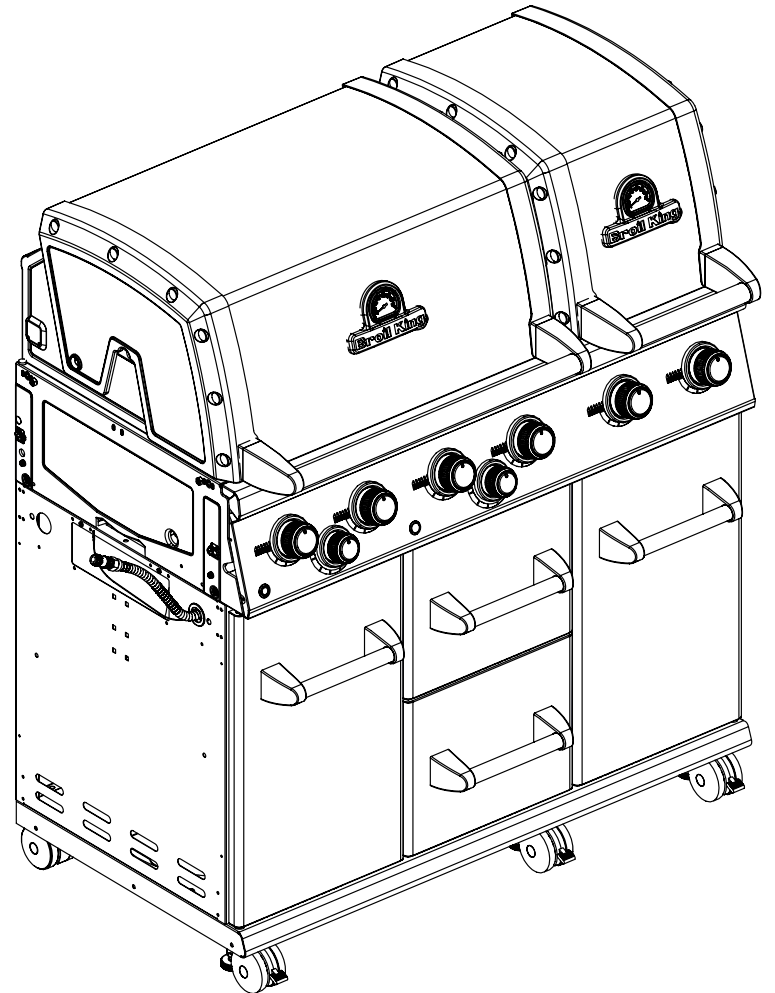
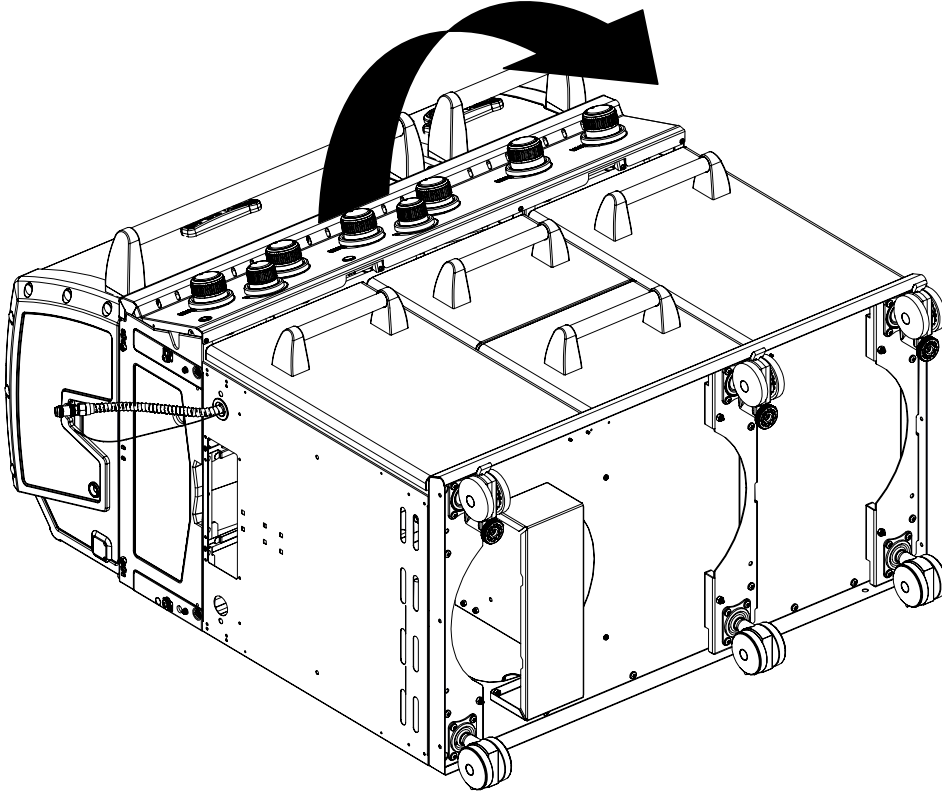


3

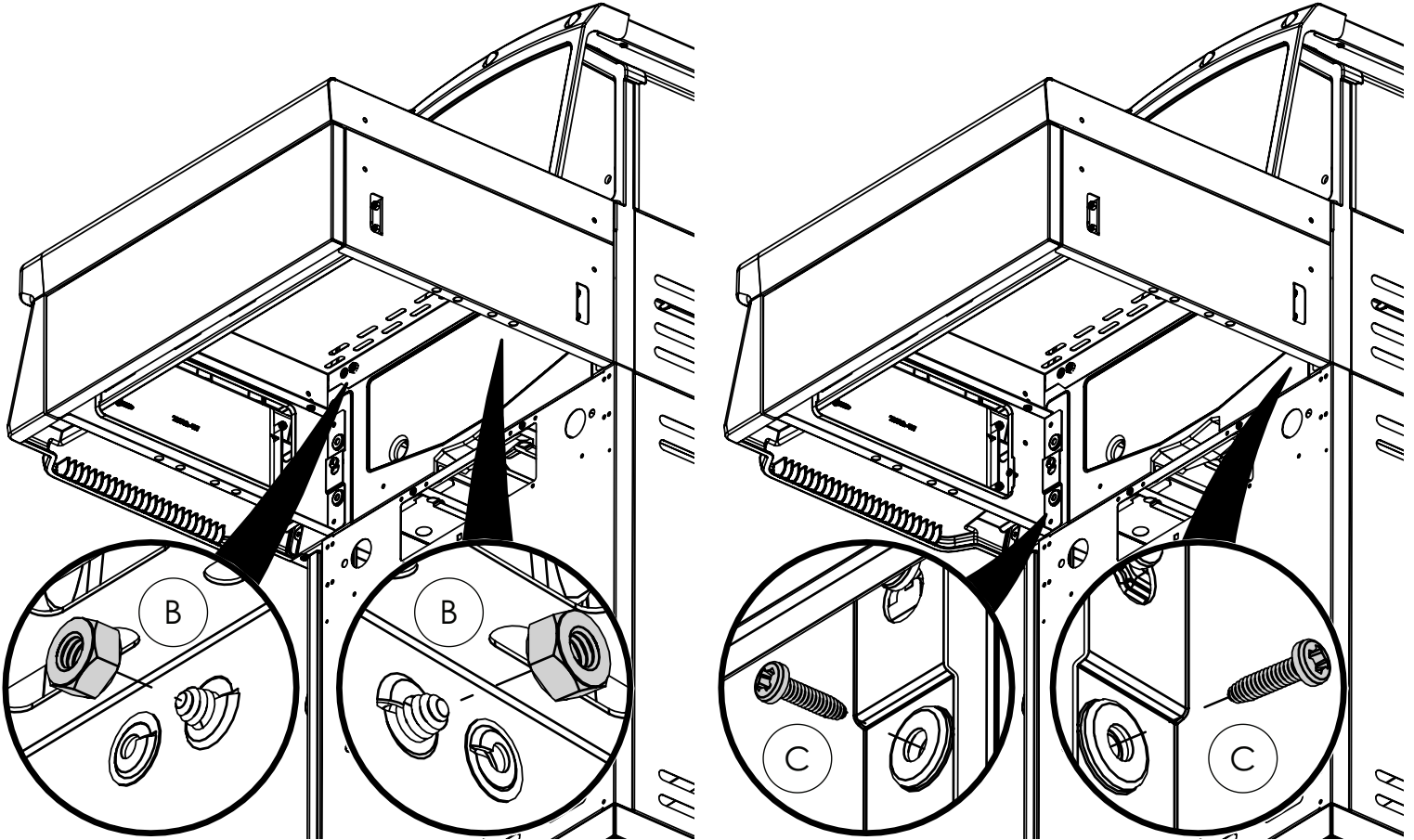
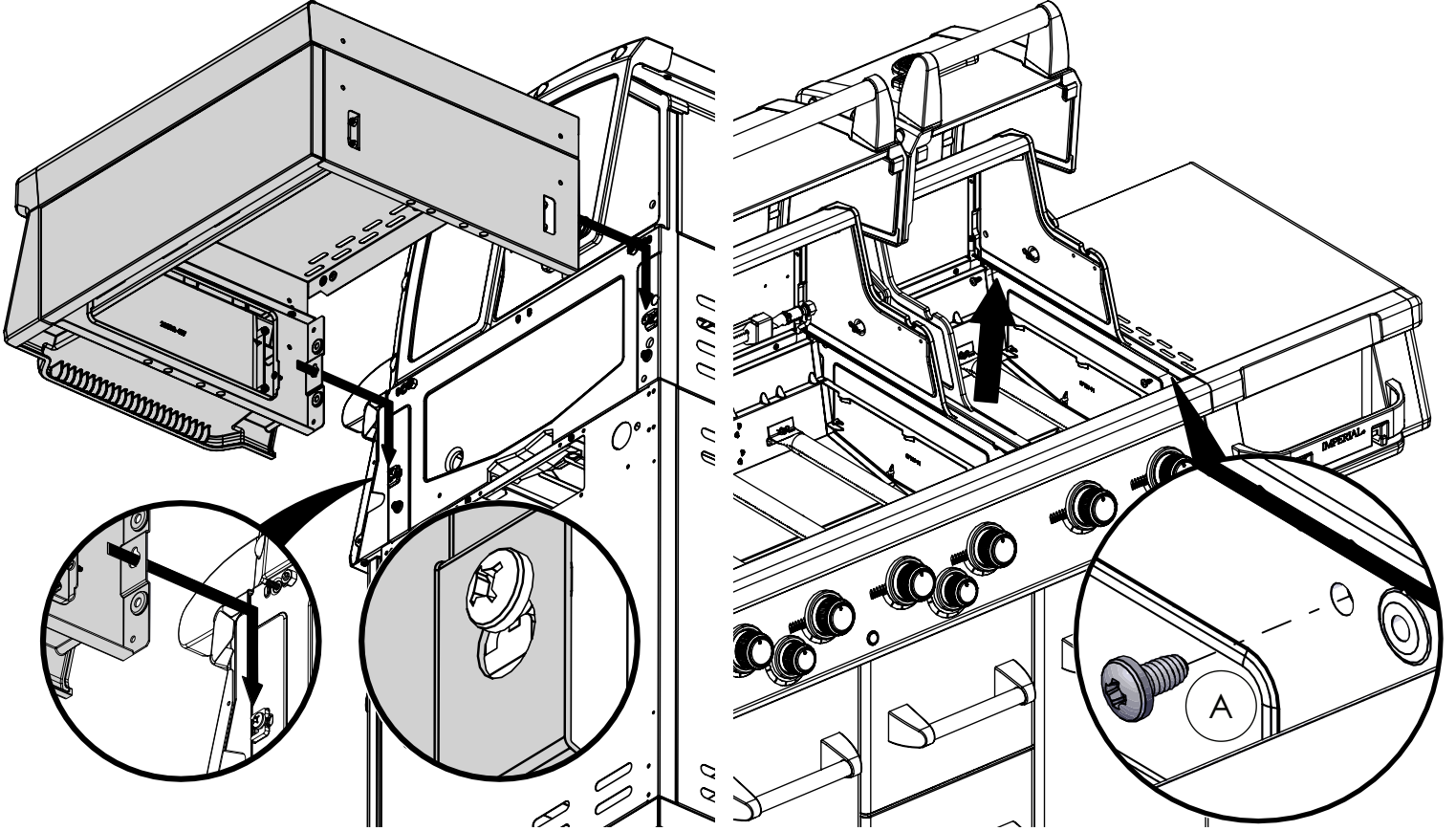
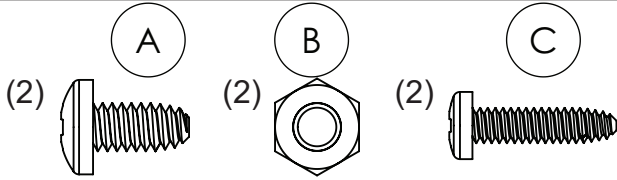
(24)



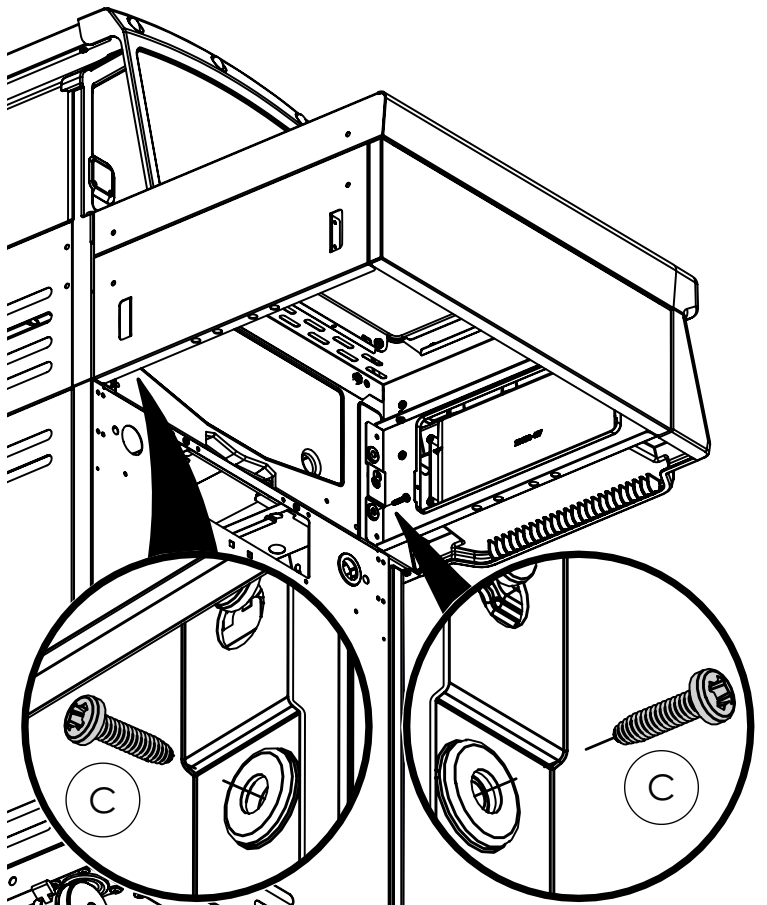
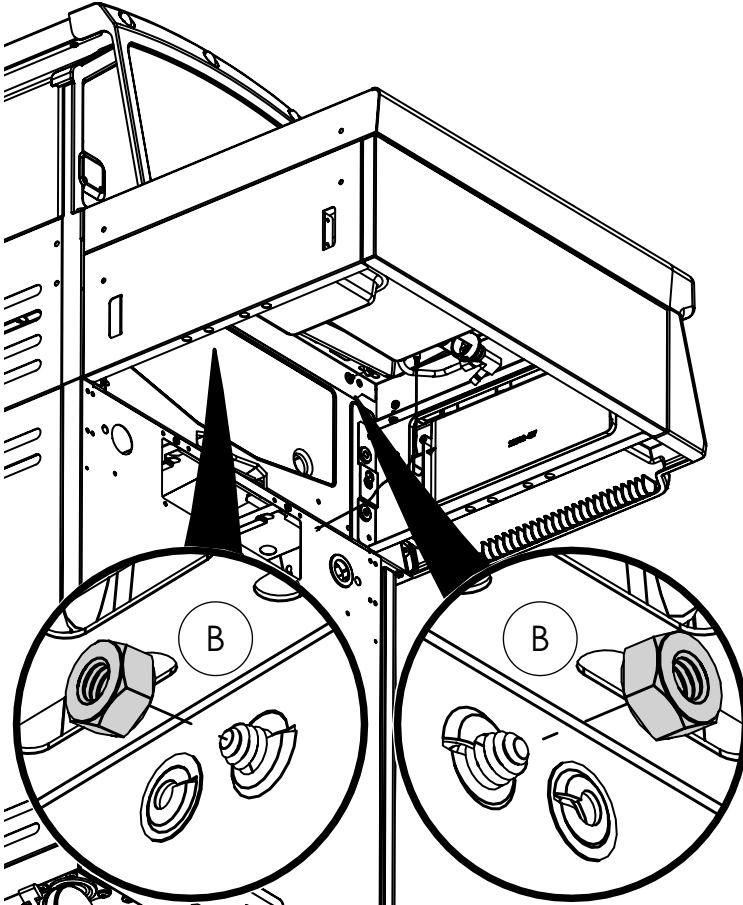
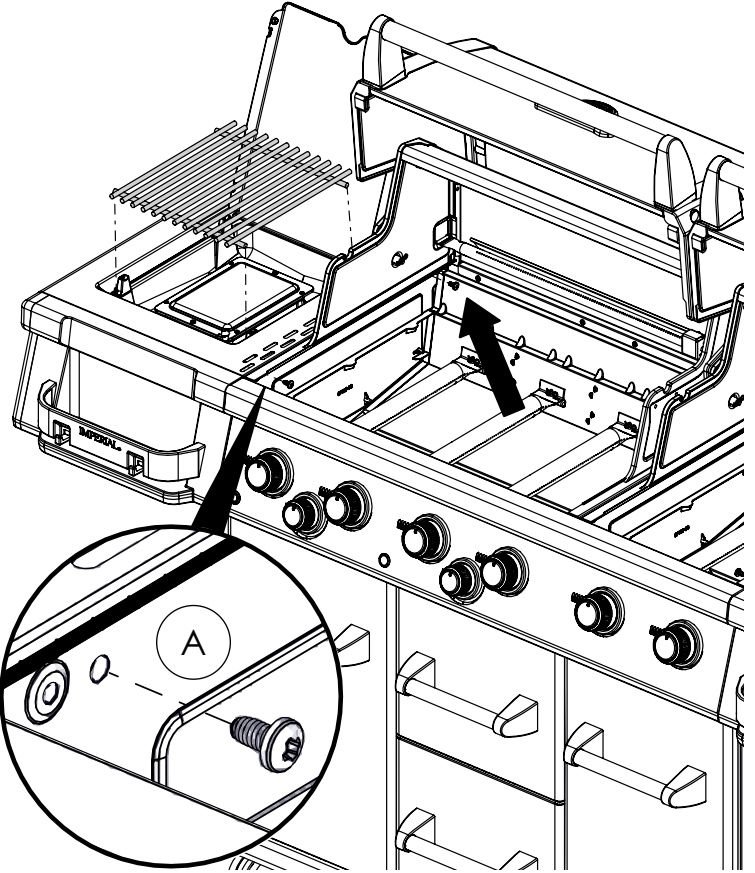
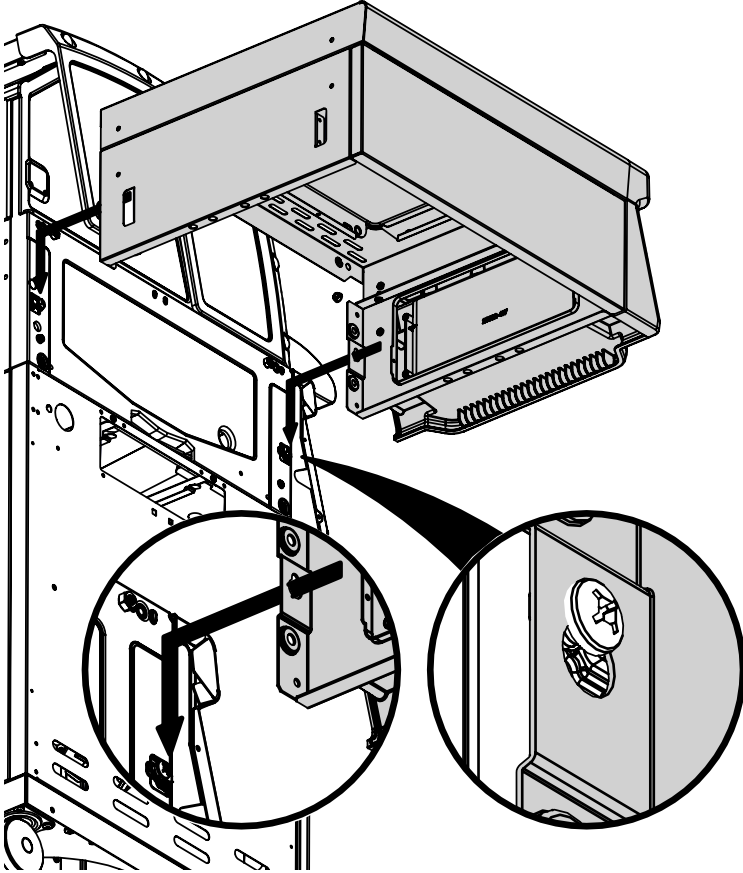
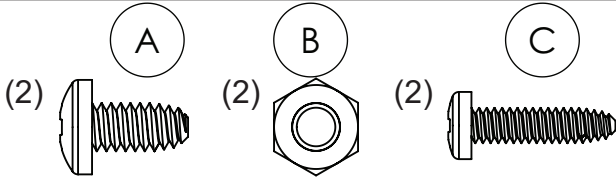
4



# 5

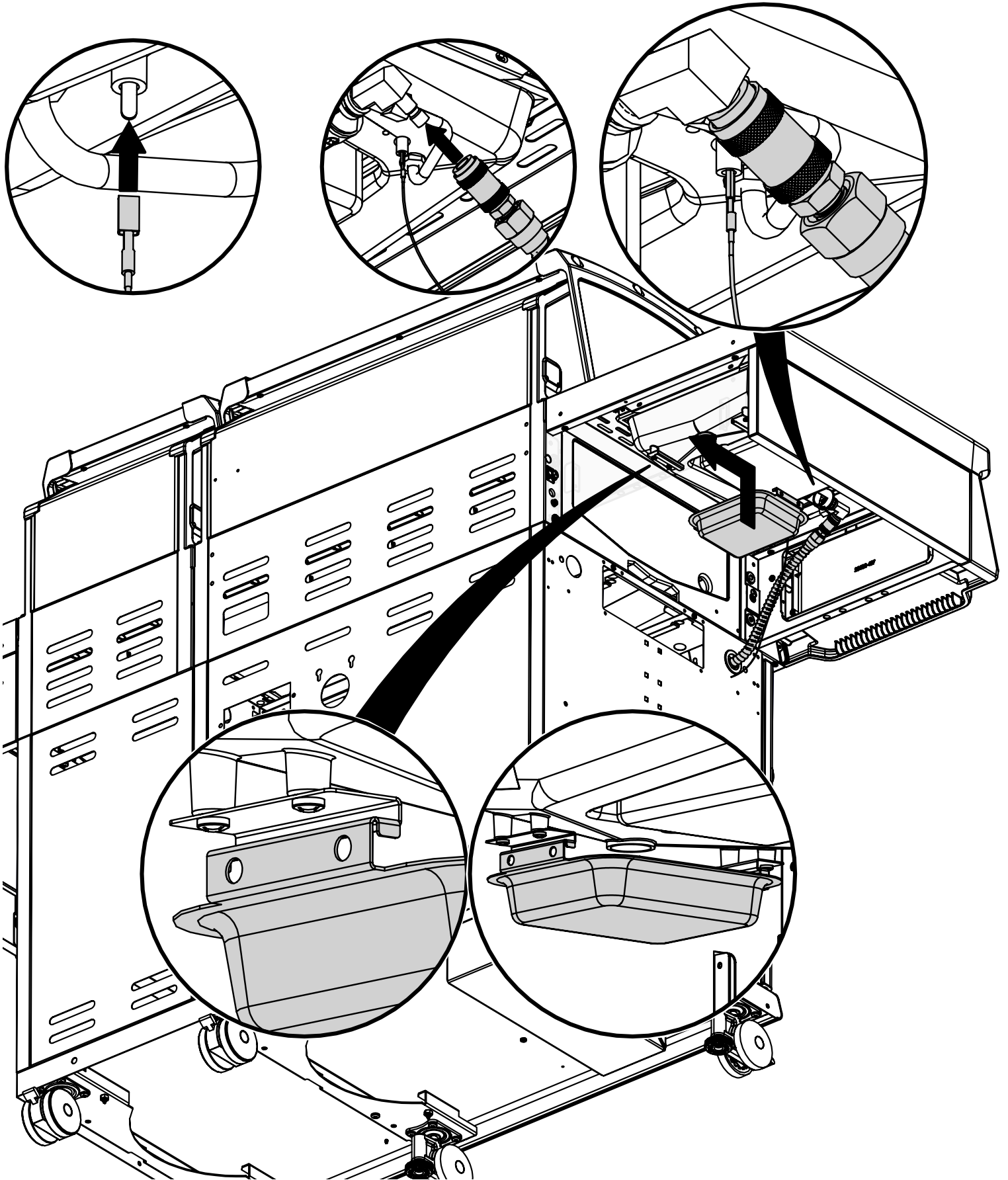


# 6

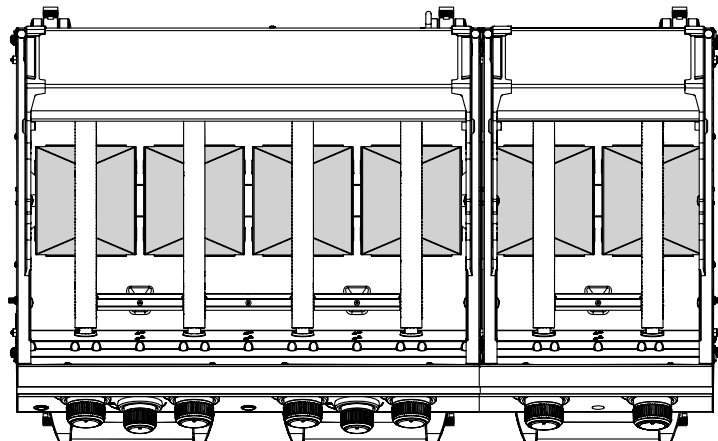
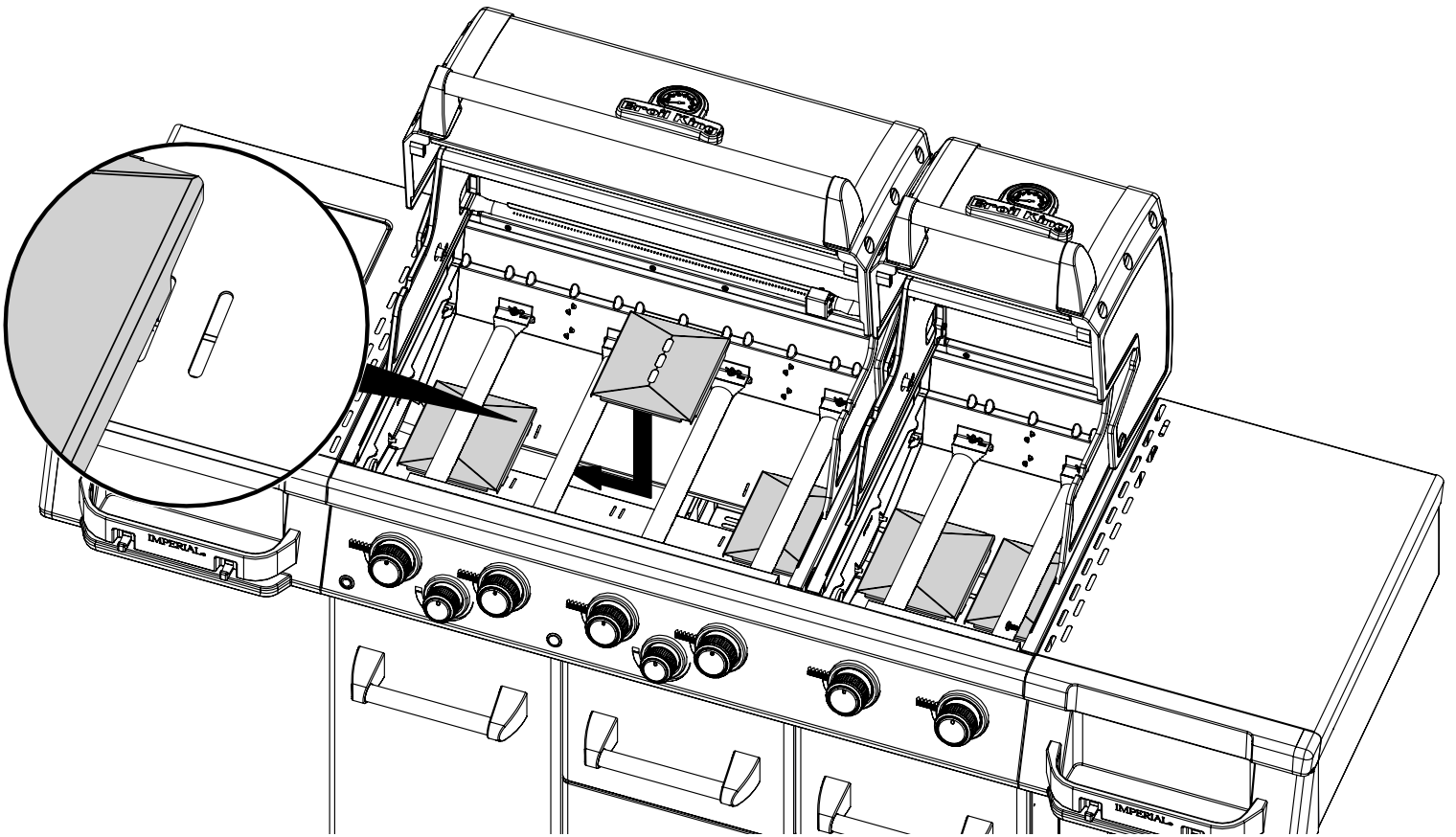
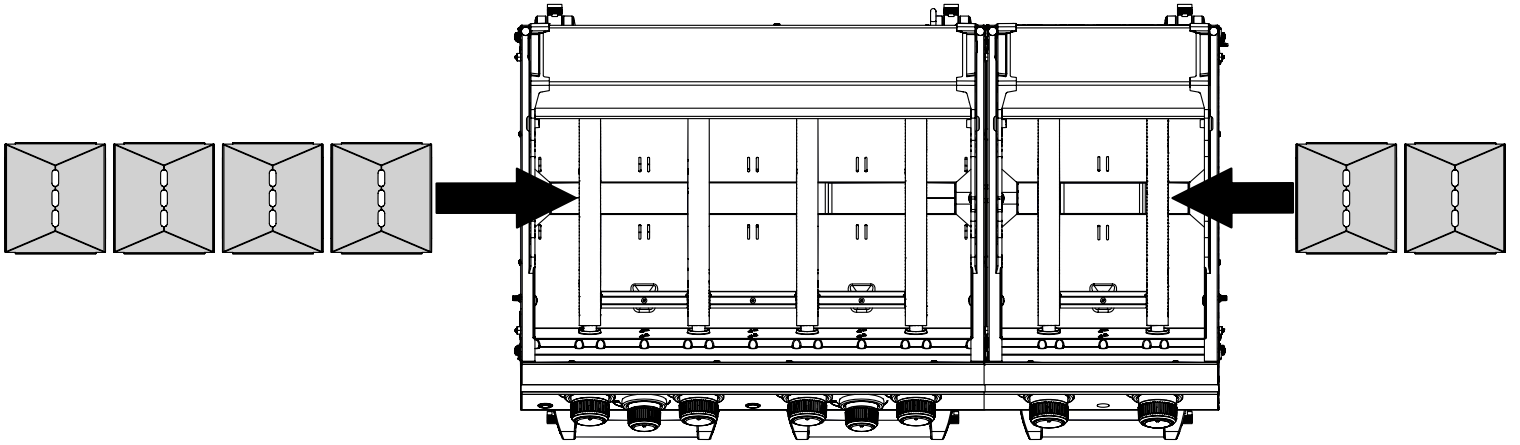


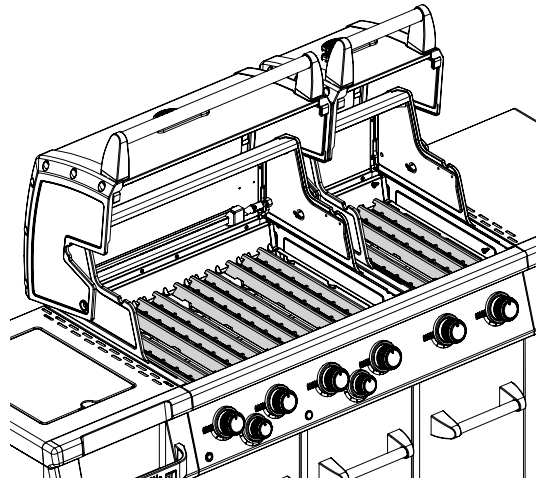
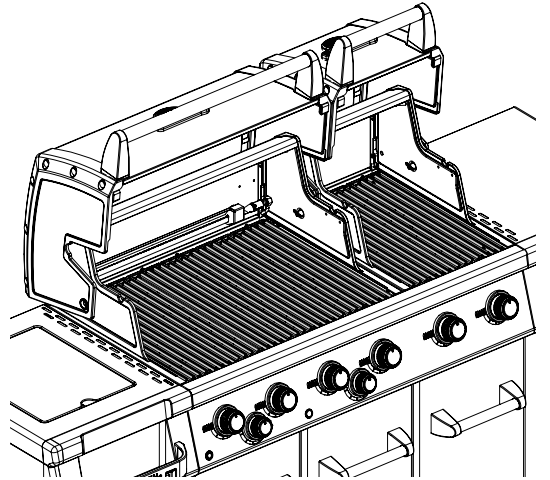
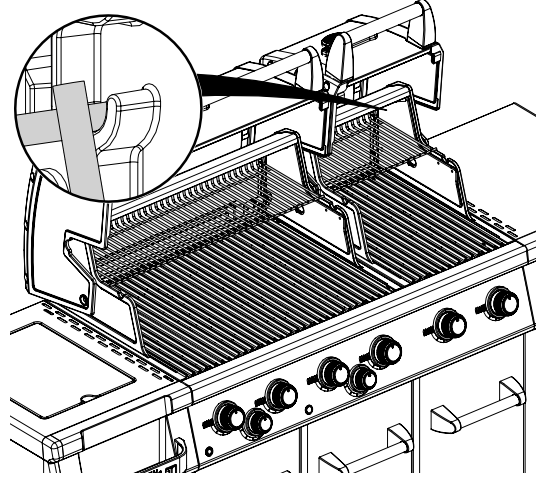
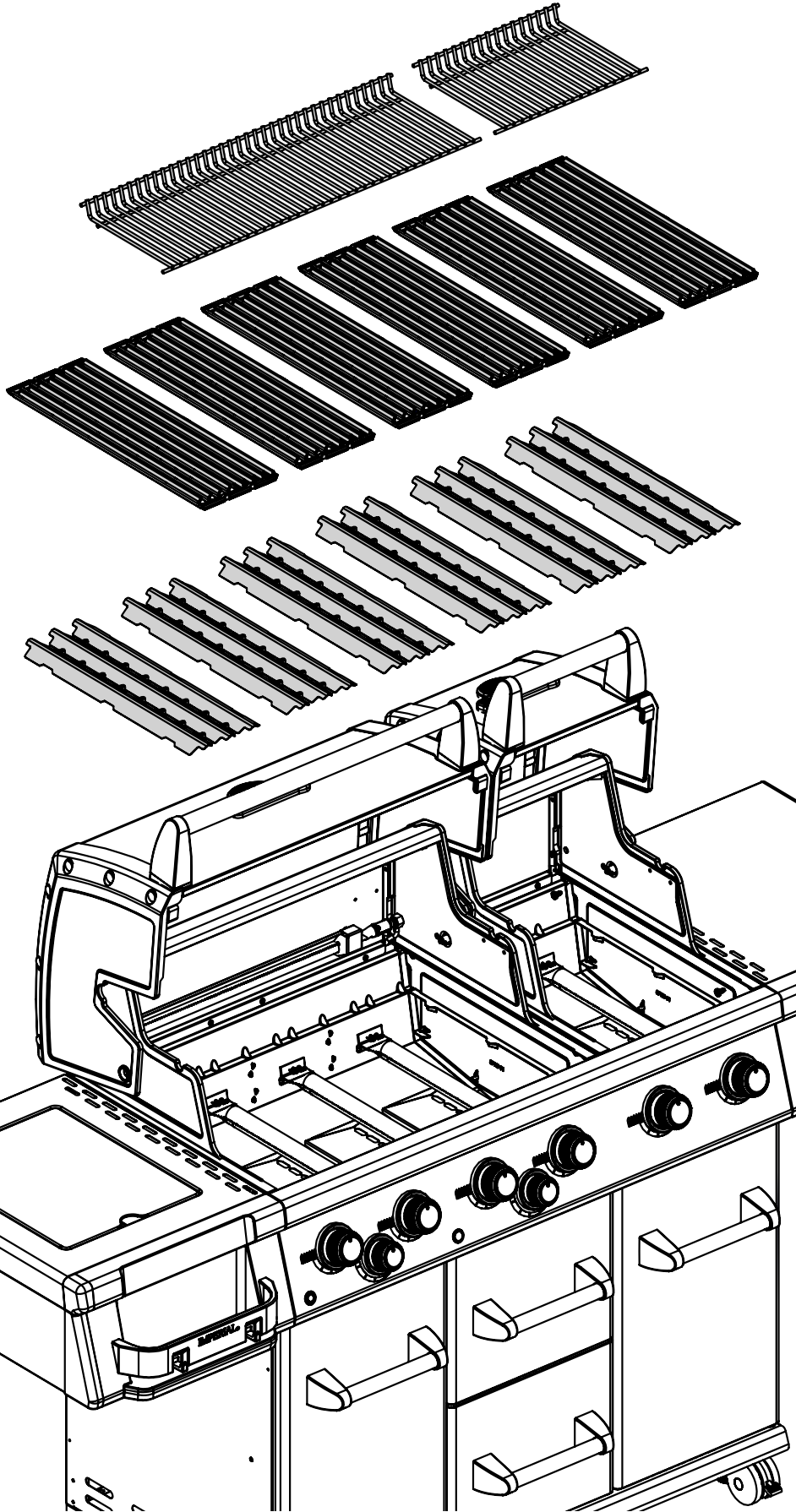


7

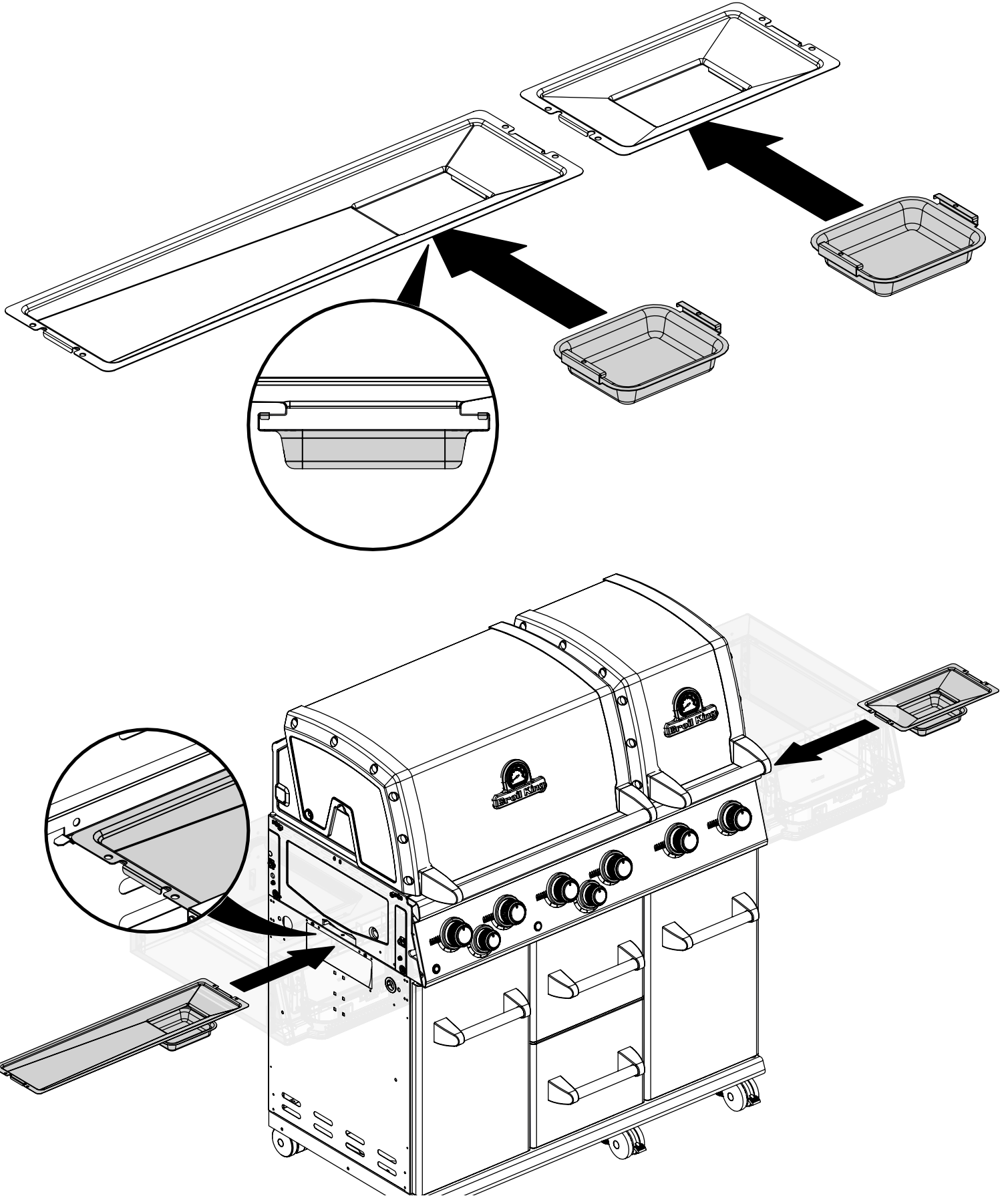


8

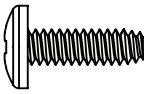


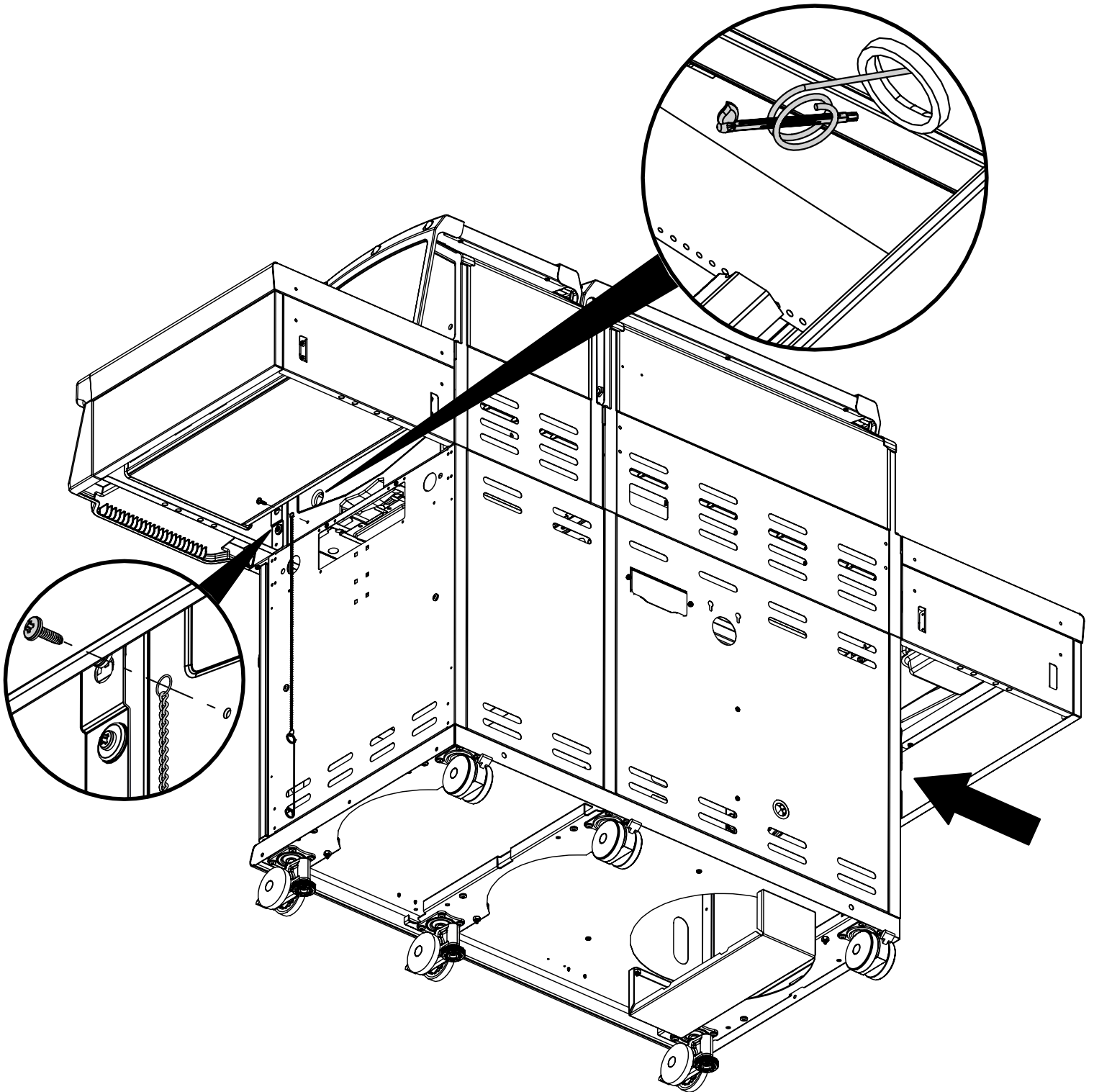


10

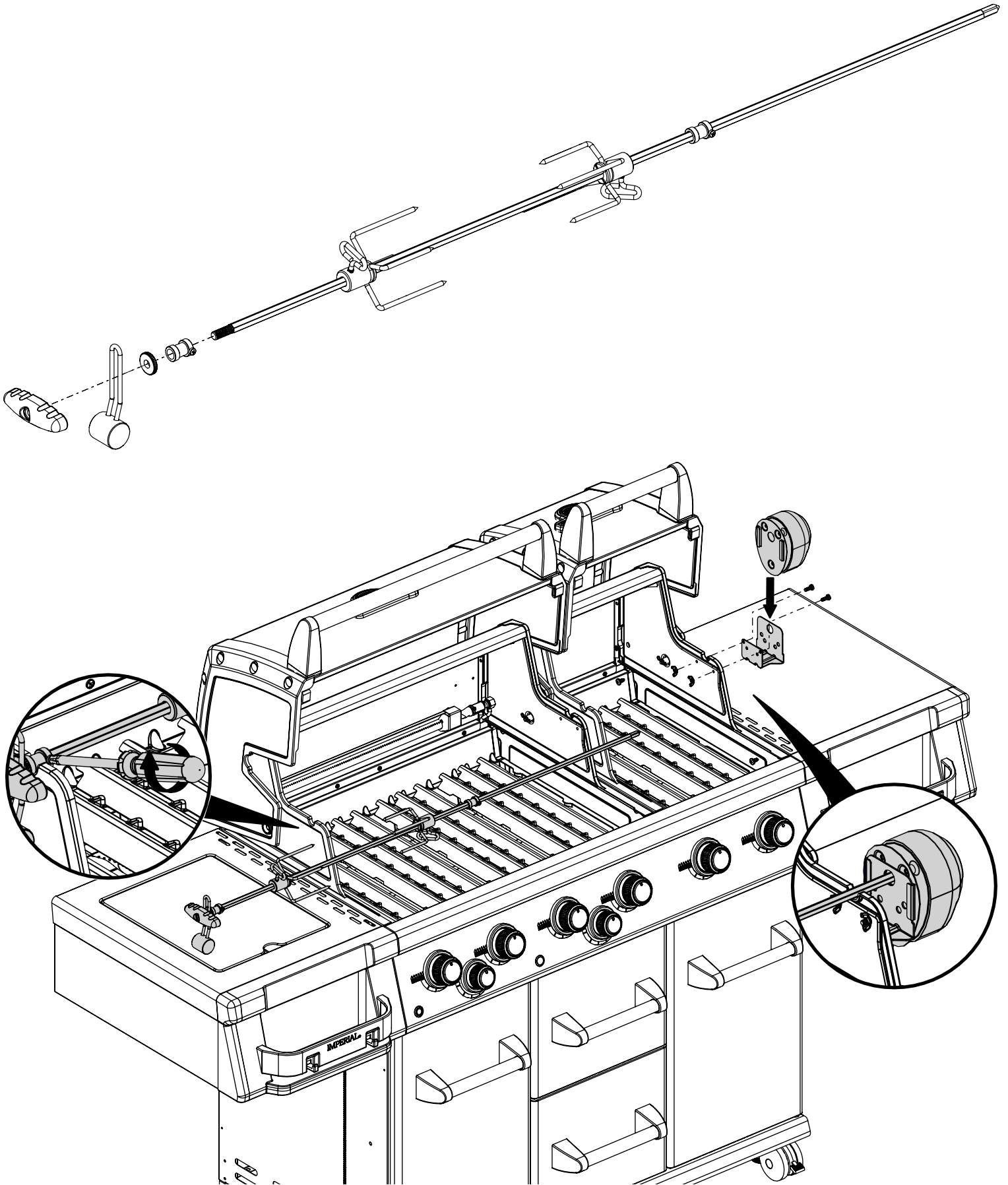


# 11

(2)  (2)



# 12

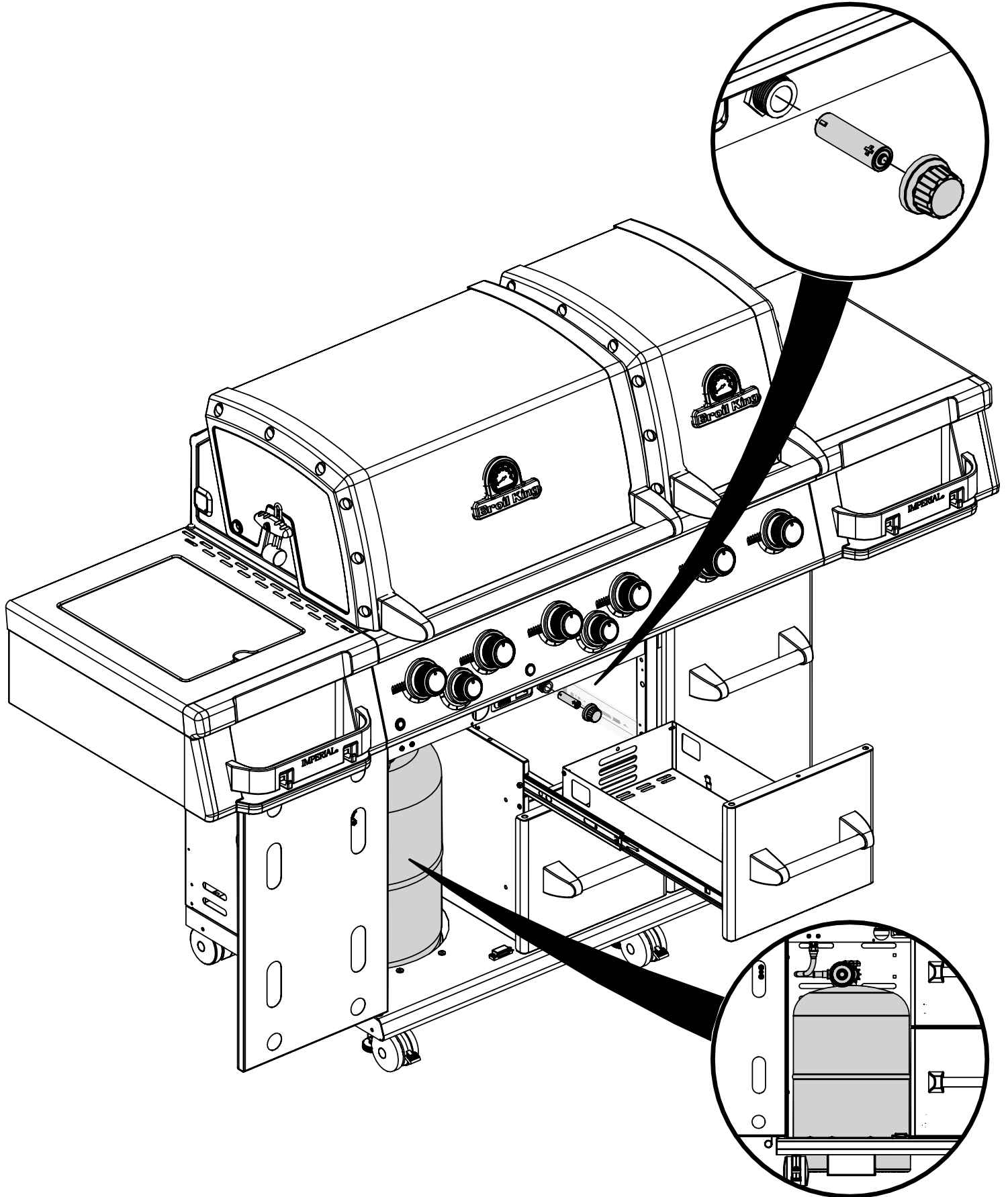


# 13

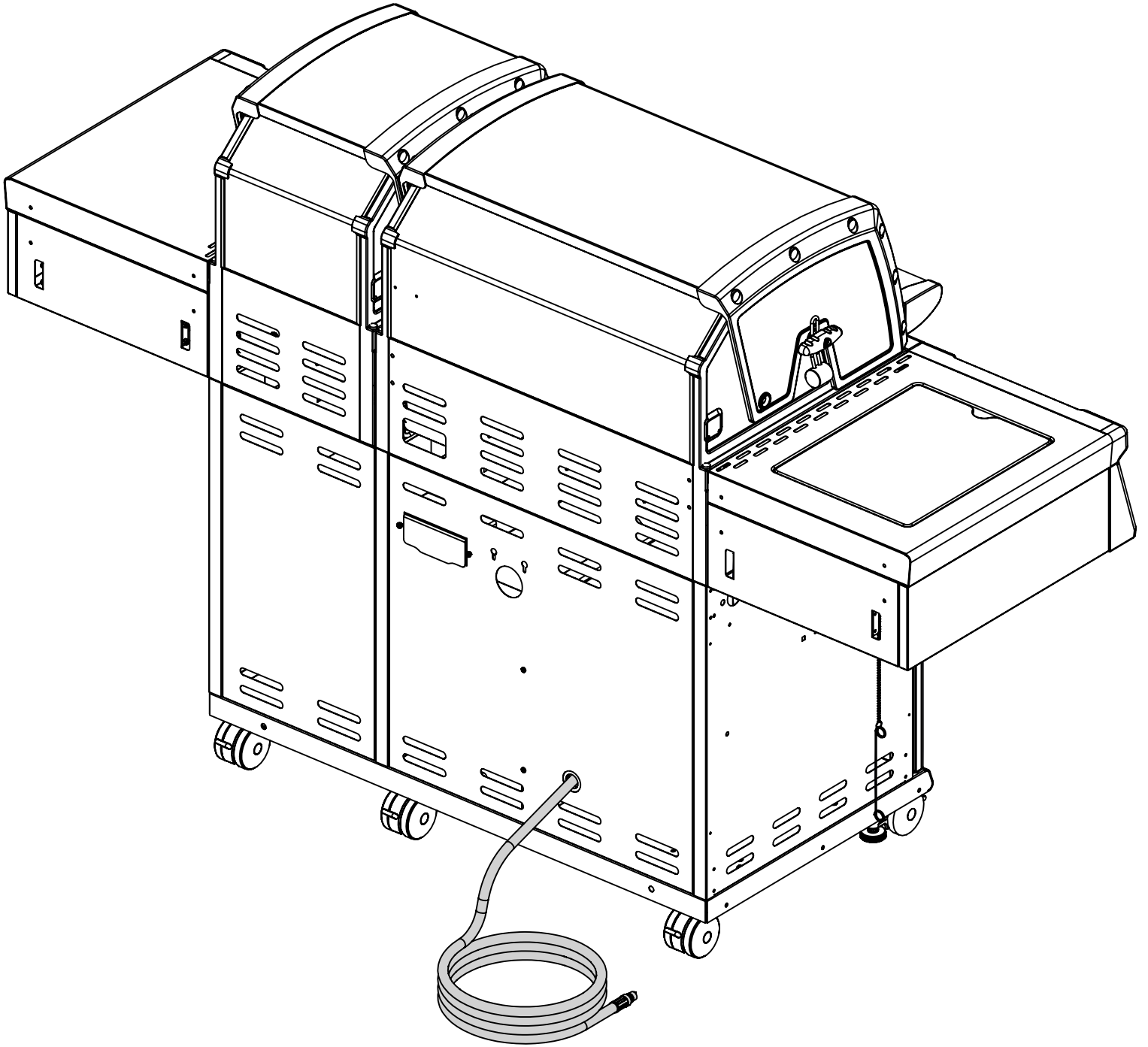
(1)



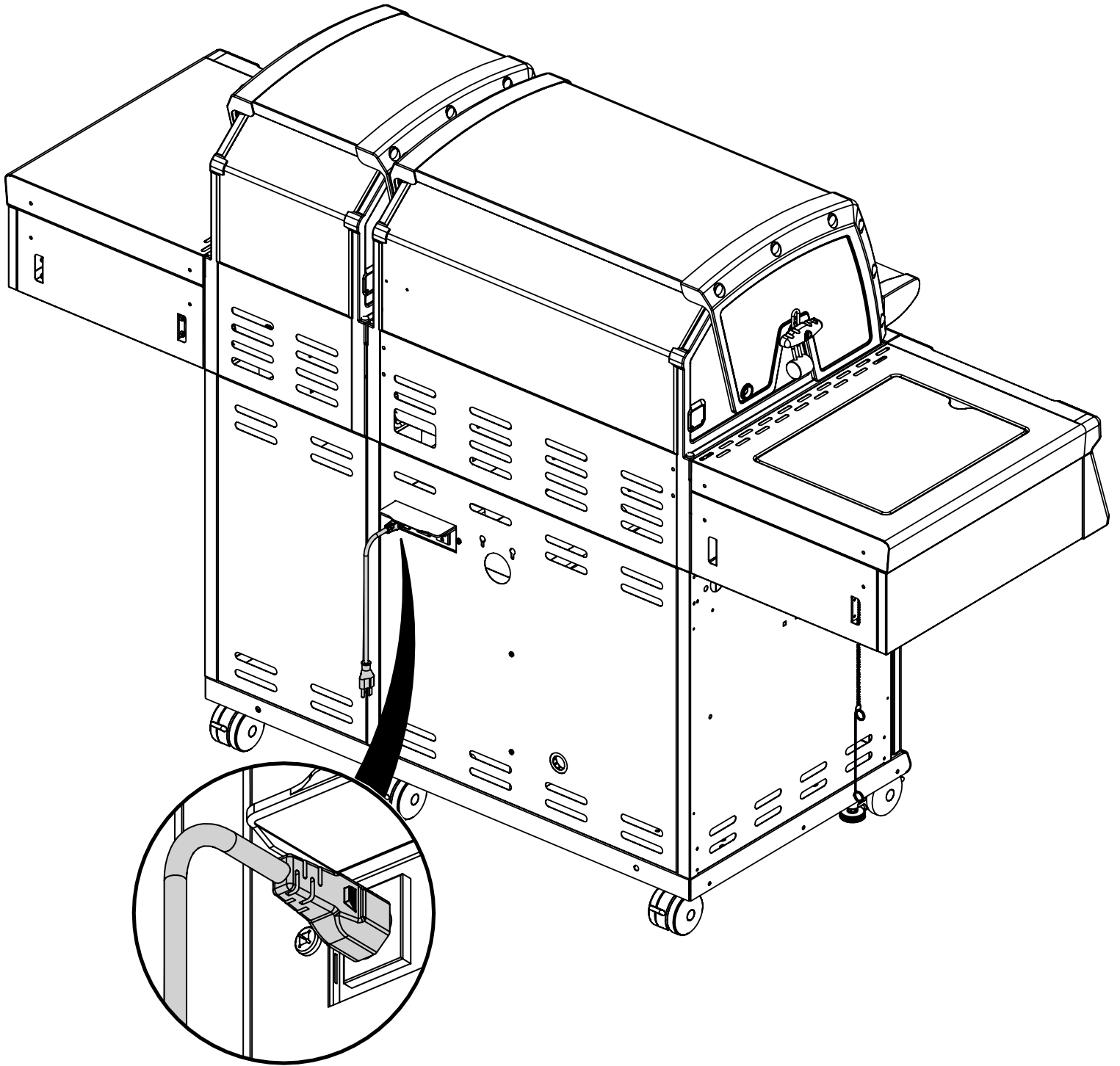
AAA



14







## PARTS LIST / LISTE DES PIECES

KEY #	ITEM #	DESCRIPTION	9977-82IR	9977-83IR	9977-86IR	9979-82	9979-83	9979-86
1	27008-703	FIRE BOX ASSEMBLY	1	1	1	1	1	1
1A	27003-703	FIRE BOX ASSEMBLY	1	1	1	1	1	1
2	86005-301	LID ASSEMBLY	1	1	1	.	.	.
	86005-303	LID ASSEMBLY	.	.	.	1	1	1
2A	86003-301	LID ASSEMBLY	1	1	1	.	.	.
	86003-303	LID ASSEMBLY	.	.	.	1	1	1
5	27249-904	GREASE SHIELD	6	6	6	6	6	6
7	Y-11544S	BURNER SCREW	6	6	6	6	6	6
8	S21242	BURNER MOUNT CLIP	6	6	6	6	6	6
18	22005-283	CAST STAINLESS STEEL GRID	6	6	6	6	6	6
20	22005-991	GRID - WARMING RACK	1	1	1	1	1	1
20A	22003-991	GRID - WARMING RACK	1	1	1	1	1	1
22	22225-014A	COLLECTOR BOX ASSEMBLY	1	1	1	1	1	1
22A	22223-014A	COLLECTOR BOX ASSEMBLY	1	1	1	1	1	1
25	22909-104D	BURNER	6	.	.	6	.	.
	22909-104E	BURNER	.	6	.	.	6	.
	22909-104NGE	BURNER	.	.	6	.	.	6
26	22001-769	CONTROL KNOB	6	6	6	6	6	6
26A	22001-669	CONTROL KNOB	2	2	2	2	2	2
27	22002-264	CONTROL BEZEL	6	6	6	6	6	6
27A	22001-164	CONTROL BEZEL	2	2	2	2	2	2
28	27028-493	CONTROL COVER	1	1	1	1	1	1
29	Y-12678	BEZEL STOP	1	1	1	1	1	1
30	Y-12674	KNOB ADAPTER	1	1	1	1	1	1
32	10111-15A	HOSE ASSEMBLY	1	1	1	1	1	1
33	10153-93	QUICK DISCONNECT FITTING	1	1	1	1	1	1
34	S13473-IR	HOSE-SIDE BURNER	1	1	1	1	1	1
34A	Y-11230	HITCH CLIP - SIDE BURNER	1	1	1	1	1	1
35	29018-072	CONTROL ASSEMBLY	1	.	.	1	.	.
	29018-075	CONTROL ASSEMBLY	.	1	.	.	1	.
	29018-076	CONTROL ASSEMBLY	.	.	1	.	.	1
36	10342-T21	ELECTRODE - SIDE BURNER	1	1	1	1	1	1
37	20809-957	TUBE-REAR BURNER ASSY	1	1	1	1	1	1
38	Y-11990	HEX NUT	1	1	1	1	1	1
39	10110-74	TUBE - COMPRESSION FITTING	1	1	1	1	1	1
41	20153-64	ORIFICE ADAPTER	1	1	1	1	1	1
42	10153-79	GAS FITTING	1	1	1	1	1	1
43	10342-E13	ELECTRODE	2	2	2	2	2	2
43A	10342-E22	ELECTRODE	1	1	1	1	1	1
44	10342-45	ELECTRONIC IGNITOR	1	1	1	1	1	1
44A	25070-92	IGNITOR HARNESS	1	1	1	1	1	1
44B	25070-93	IGNITOR BUTTON	1	1	1	1	1	1
45	10693-073	ORIFICE	1	.	.	1	.	.
	10693-079	ORIFICE	.	1	.	.	1	.
	10693-109	ORIFICE	.	.	1	.	.	1
46	23039-274	GREASE PAN SUPPORT	2	2	2	2	2	2
47	21035-991	GREASE RAILS	2	2	2	2	2	2
47A	21033-991	GREASE RAILS	2	2	2	2	2	2
48	22009-901	GREASE PAN	3	3	3	3	3	3
49	27055-901	GREASE TRAY	1	1	1	1	1	1
49A	27053-901	GREASE TRAY	1	1	1	1	1	1

## PARTS LIST / LISTE DES PIECES

KEY #	ITEM #	DESCRIPTION	9977-82IR	9977-83IR	9977-86IR	9979-82	9979-83	9979-86
51	22209-903	FLAV-R-WAVE ®	6	6	6	6	6	6
56	24005-239	HANDLE	1	1	1	1	1	1
56A	24003-239	HANDLE	1	1	1	1	1	1
58	26009-917	HANDLE END CAP	4	4	4	4	4	4
58A	24009-938	HANDLE WEDGE	4	4	4	4	4	4
59	10081-BK630	NAMEPLATE	2	2	2	2	2	2
60	10571-6	HEAT INDICATOR	2	2	2	2	2	2
65	20005-000	MATCH LIGHT - STICK	2	2	2	2	2	2
68	23275-111A	RIGHT DOOR	1	1	1	.	.	.
	23275-113A	RIGHT DOOR	.	.	.	1	1	1
69	23275-131A	LEFT DOOR	1	1	1	.	.	.
	23275-133A	LEFT DOOR	.	.	.	1	1	1
70	21079-906	HANDLE END CAP	8	8	8	8	8	8
71	21171-23	HANDLE - SMALL	4	4	4	4	4	4
74	Y-99100	DRAWER SLIDE	2	2	2	2	2	2
77	21165-111A	DRAWER ASSEMBLY	2	2	2	.	.	.
	21165-113A	DRAWER ASSEMBLY	.	.	.	2	2	2
78	21335-111	BRACKET - DOOR CATCH	1	1	1	1	1	1
78A	21333-921	BRACKET - DOOR CATCH	1	1	1	1	1	1
80	21109-905R	SIDE PANEL	3	3	3	3	3	3
82	25208-201R	SHELF - CABINET	1	1	1	1	1	1
83	21065-901R	DRAWER CENTER MOUNT	1	1	1	1	1	1
84	21069-901	DRAWER SUPPORT	1	1	1	1	1	1
88	21305-925R	PANEL - REAR	1	1	1	1	1	1
88A	25308-925R	PANEL - REAR	1	1	1	1	1	1
90	25098-935	BASE	1	1	.	1	1	.
	95098-955	BASE	.	.	1	.	.	1
100	21039-911	BRACKET - CASTOR SUPPORT	3	3	3	3	3	3
101	21039-301	LOWER TANK SUPPORT	1	1	1	1	1	1
102	10892-23	CASTOR	3	3	3	3	3	3
102A	10892-285	CASTOR	3	3	3	3	3	3
114	23102-613	SHELF	1	1	1	1	1	1
115	23102-653	SHELF-SIDE BURNER	1	1	1	1	1	1
124	23090-27	SIDE BURNER BODY	1	1	1	1	1	1
125	23000-253	COVER-SIDE BURNER	1	1	1	1	1	1
126	20390-74	SIDE BURNER	1	1	1	1	1	1
127	18670	SIDE BURNER SCREEN	1	1	1	1	1	1
128	23001-79	GRID	1	1	1	1	1	1
130	27905-354	BURNER ROTISSERIE	1	1	1	1	1	1
131	10693-095	REAR BURNER-ORIFICE	1	.	.	1	.	.
	10693-099	REAR BURNER-ORIFICE	.	1	.	.	1	.
	10693-109	REAR BURNER-ORIFICE	.	.	1	.	.	1
133	S15271	HANDLE	1	1	1	1	1	1
134	S15270	BALANCER	1	1	1	1	1	1
135	S15299	WASHER	1	1	1	1	1	1
136	S15263	BUSHING	2	2	2	2	2	2
137	S15260	SPIT ROD	1	1	1	1	1	1
138	S15287	4 PRONG FORKS	2	2	2	2	2	2
139	57039-901	ROTISSERIE BRACKET	1	1	1	1	1	1
140	S21125	SCREW #8 X 1/2	6	6	6	6	6	6
141	Y-11559	SCREW 1/4-20X 3/4	12	12	12	12	12	12

## PARTS LIST / LISTE DES PIECES

KEY #	ITEM #	DESCRIPTION	9977-82IR	9977-83IR	9977-86IR	9979-82	9979-83	9979-86
142	S21127S	SCREW #8-32 X 7/16	8	8	8	8	8	8
144	Y-12220	BUSHING	1	1	2	1	1	2
145	S21235	HINGE PIN	2	2	2	2	2	2
145A	10240-17	HINGE PIN	1	1	1	1	1	1
146	S21233	HITCH PIN CLIP	3	3	3	3	3	3
147	Y-11231	LID BUMPER	4	4	4	4	4	4
148	10240-20	DOOR PIN	2	2	2	2	2	2
149	Y-11551	DOOR PIN	2	2	2	2	2	2
150	Y-12124	DOOR PIN CAP	2	2	2	2	2	2
151	Y-11567	SCREW M8 SHOULDER	8	8	8	8	8	8
152	Y-12222	MAGNET	2	2	2	2	2	2
153	Y-12223	SNAP IN MAGNET	2	2	2	2	2	2
154	Y-11560	SCREW 1/4-20 X 1-1/2	12	12	12	12	12	12
155	S21124	SCREW #8 X 1/2	28	28	28	28	28	28
156	Y-11793	NUT 1/4-20	14	14	10	14	14	10
157	Y-12835	SCREW #6-32 X 1/4	2	2	2	2	2	2
158	Y-12646	SHOULDER SCREW #8-32	2	2	2	2	2	2
159	S21136	SCREW #8-32 X 3/8	22	22	22	22	22	22
160	Y-29304	SCREW #10-24 X 3/8	2	2	2	2	2	2
161	Y-29310	SCREW #10-24	4	4	4	4	4	4
162	S35095	SCREW #10-24 X 3/4	2	2	2	2	2	2
163	S35094	SCREW #10-24 X 5/8	2	2	2	2	2	2
164	S21084	SCREW #14 X 5/8	8	8	8	8	8	8
169	S21061	WING NUT	2	2	2	2	2	2
170	Y-12084	NUT - 10-24	6	6	6	6	6	6
171	S15246	ROTISSERIE MOTOR	1	1	1	1	1	1
172	S15517-011	ELECTRODE ASSEMBLY	1	1	.	1	1	.
	S15517-018	ELECTRODE ASSEMBLY	.	.	1	.	.	1
173	S21362	SPRING	1	1	1	1	1	1
181	25070-91	WIRE - OVEN LIGHT	1	1	1	1	1	1
181A	25070-95	LIGHT SWITCH	1	1	1	1	1	1
182	25020-71	OVEN LIGHT	3	3	3	3	3	3
183	20589-CH	TRANSFORMER PLUG	.	1	1	.	1	1
	20589-EU	TRANSFORMER PLUG	1	1	1	1	1	1
	20589-UK	TRANSFORMER PLUG	.	1	1	.	1	1
184	20589-90U	TRANSFORMER	1	1	1	1	1	1
185	25030-72	WIRE - OVEN LIGHT	1	1	1	1	1	1
186	Y-12865	SCREW 1/4-20 X 1/2	43	43	39	43	43	39
187	25030-70	WIRE - OVEN LIGHT	1	1	1	1	1	1
190	25020-84	WIRE - LED LIGHTS	1	1	1	1	1	1
191	25020-84	WIRE - LED LIGHTS	1	1	1	1	1	1
192	Y-29306	SCREW #10-24 X 3/4	4	4	4	4	4	4
193	SP11-25	LID BUMPER	4	4	4	4	4	4
194	S15508	REAR BURNER ELECTRODE	1	1	1	1	1	1

