

# Broil King®

## REDDI-BILT BARBECUES



**Broil King**  
MONARCH 320  
8342-52  
8342-53

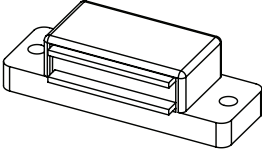
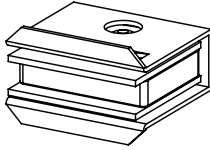
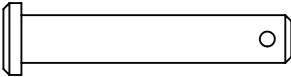
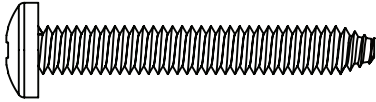
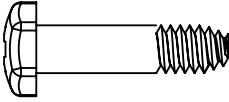
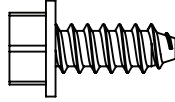
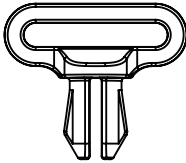
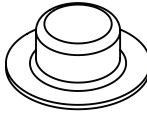

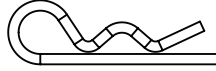
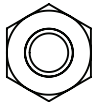
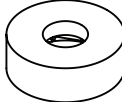

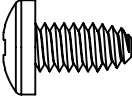



**Broil King**  
MONARCH 340  
8342-62  
8342-63

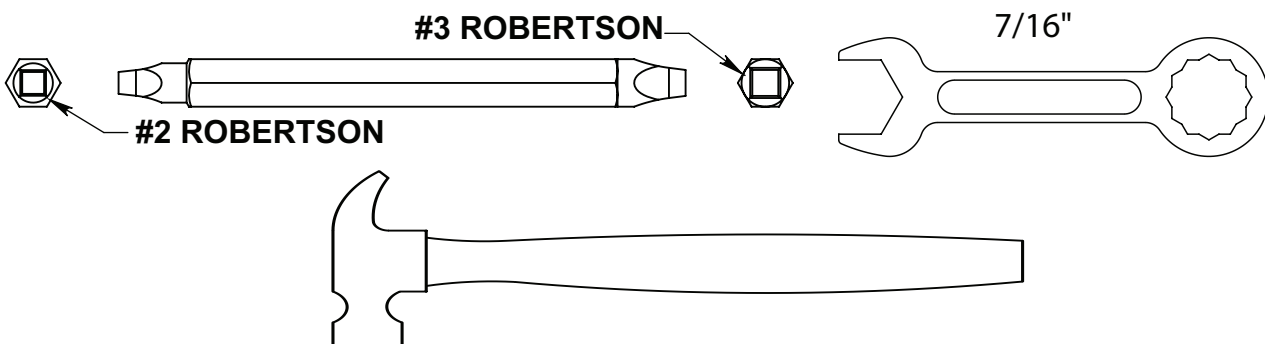


**Broil King**  
MONARCH 390  
8342-82  
8342-83

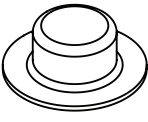
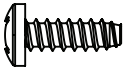
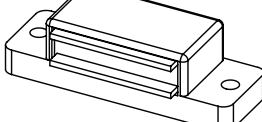
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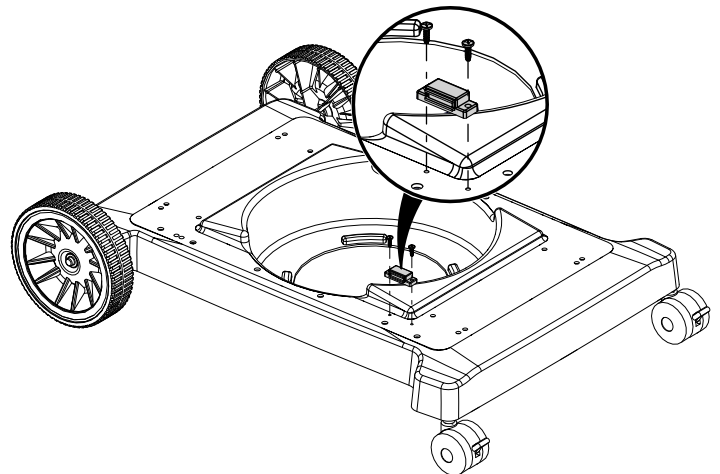
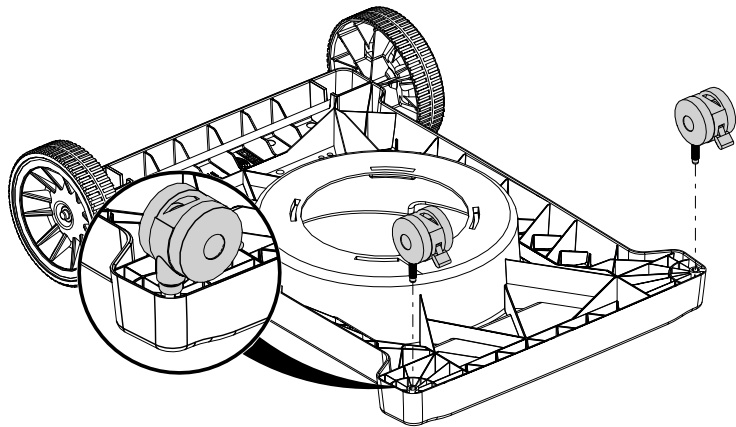
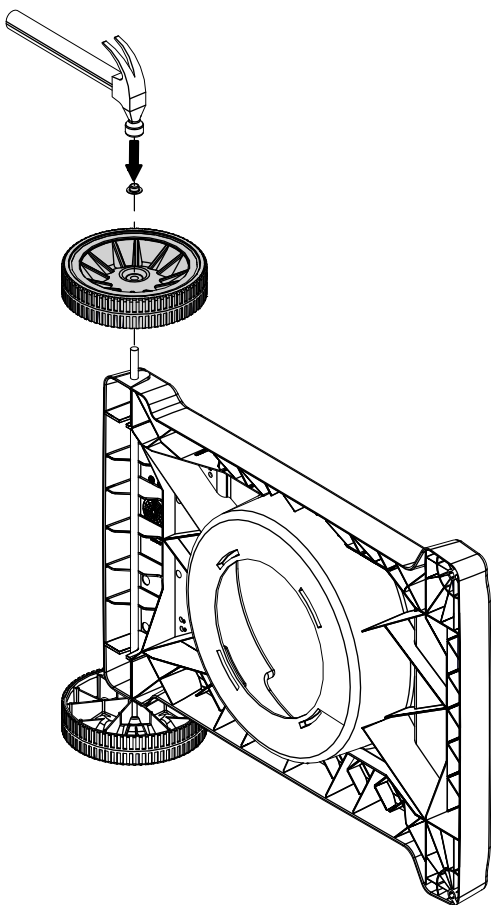
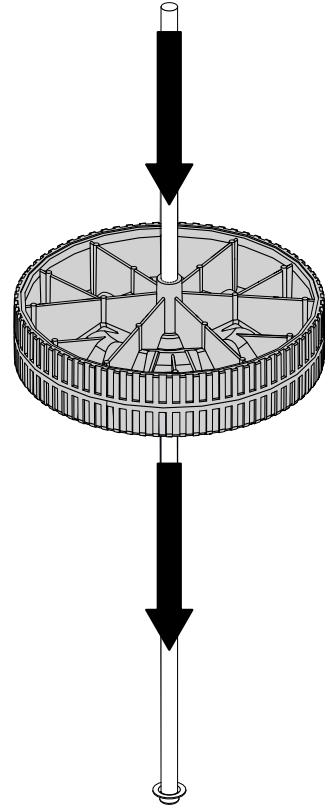
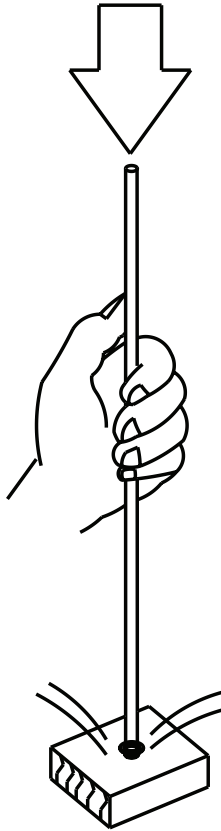
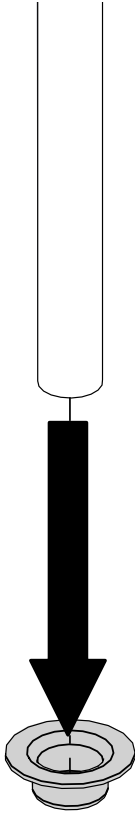
Y-12222		X1	Y-12223		X1
10240-15		X2	Y-11561		X4
Y-11551		X1	S21084		X2
Y-12673		X2	S21420		X2
AAA		X1	S21233		X2
Y-11793		X4	Y-12124		X1
Y-29304		X2	Y-11865		X8
			S21124		X2

## TOOLS REQUIRED

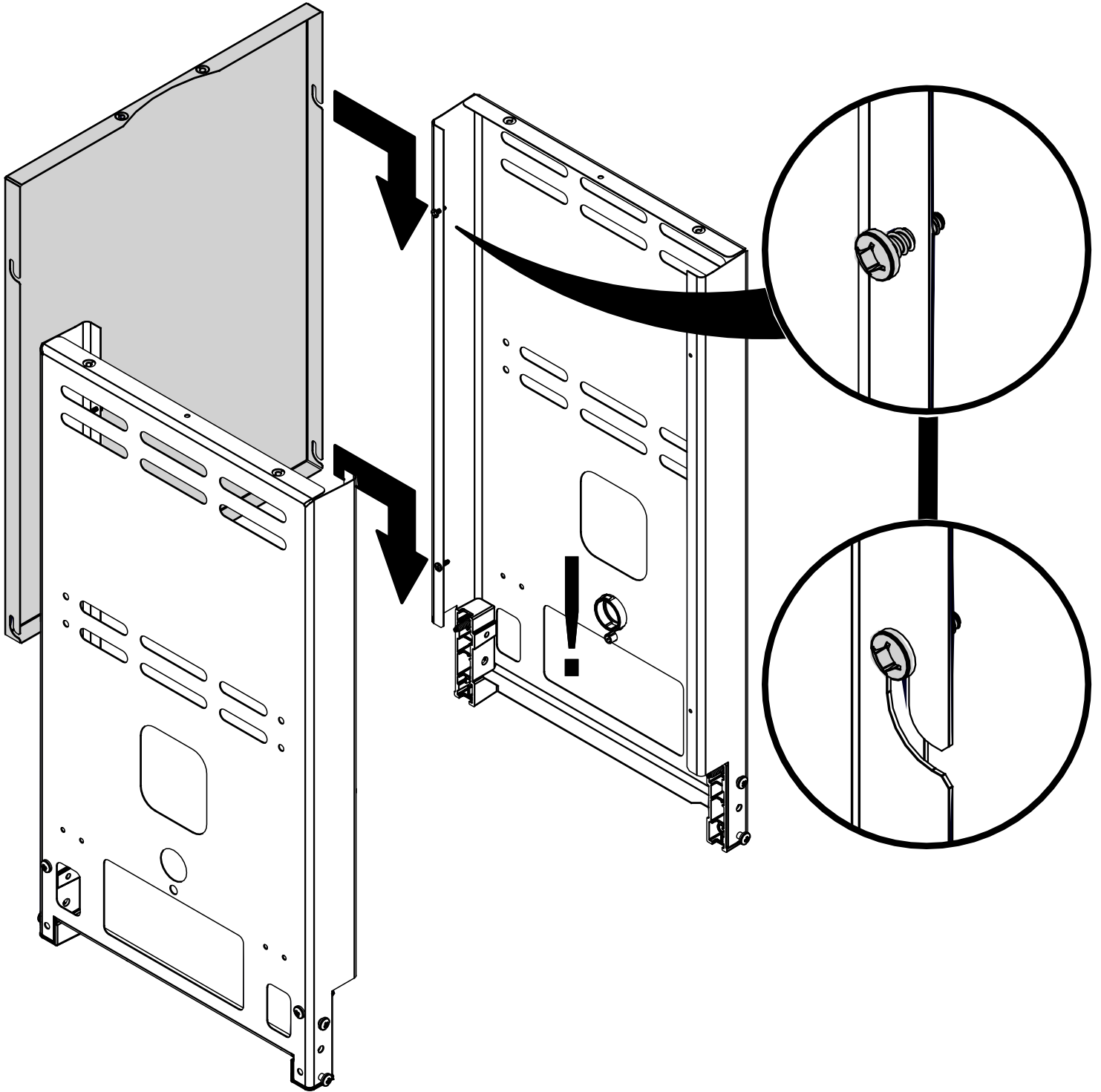


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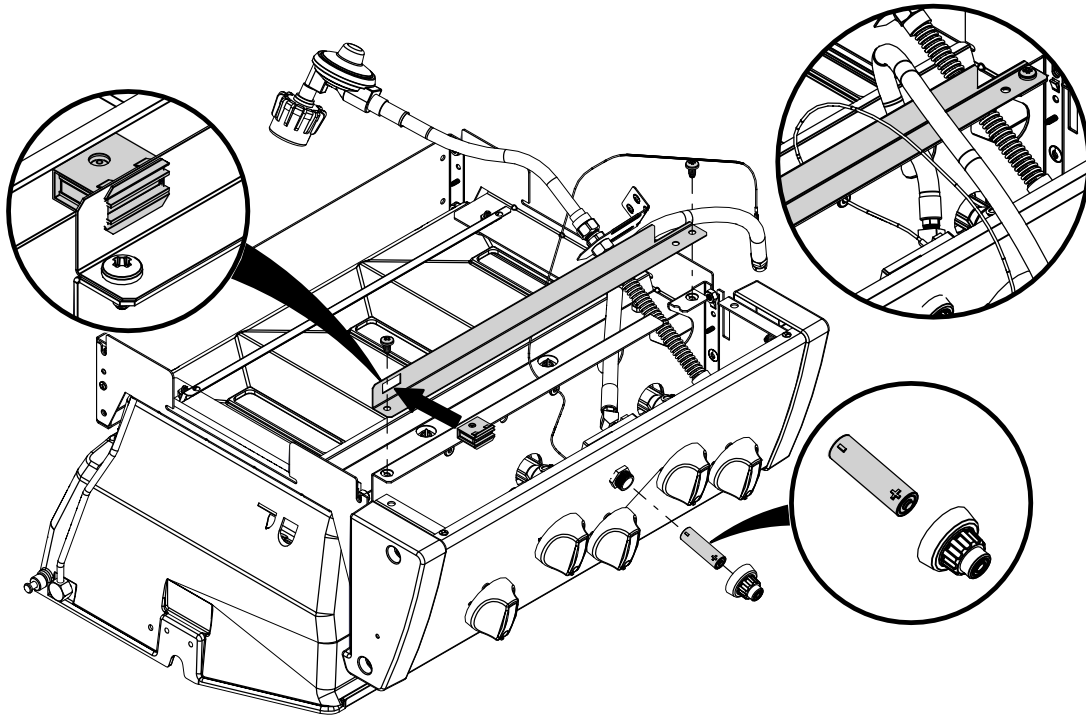
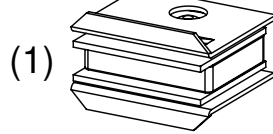
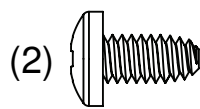
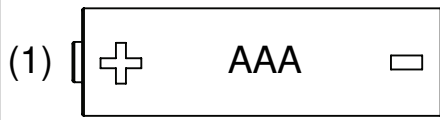
- (2) 
- (2) 
- (1) 



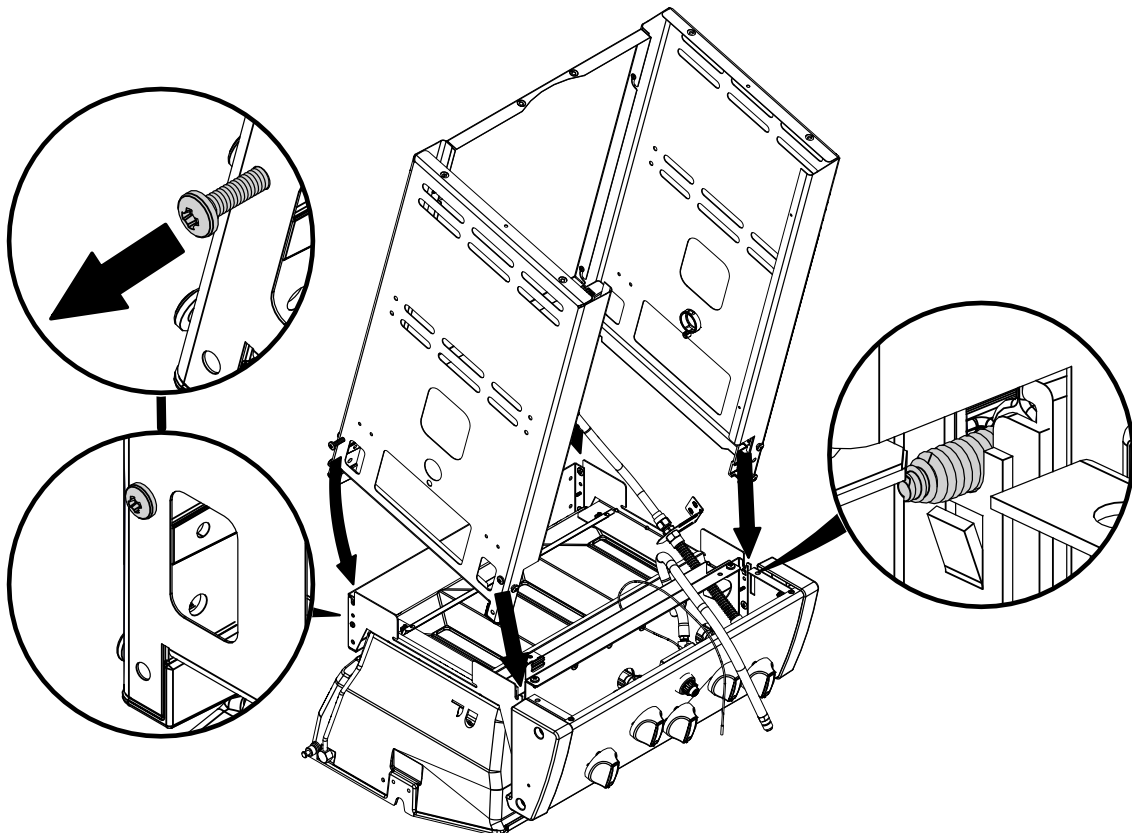
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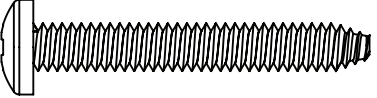

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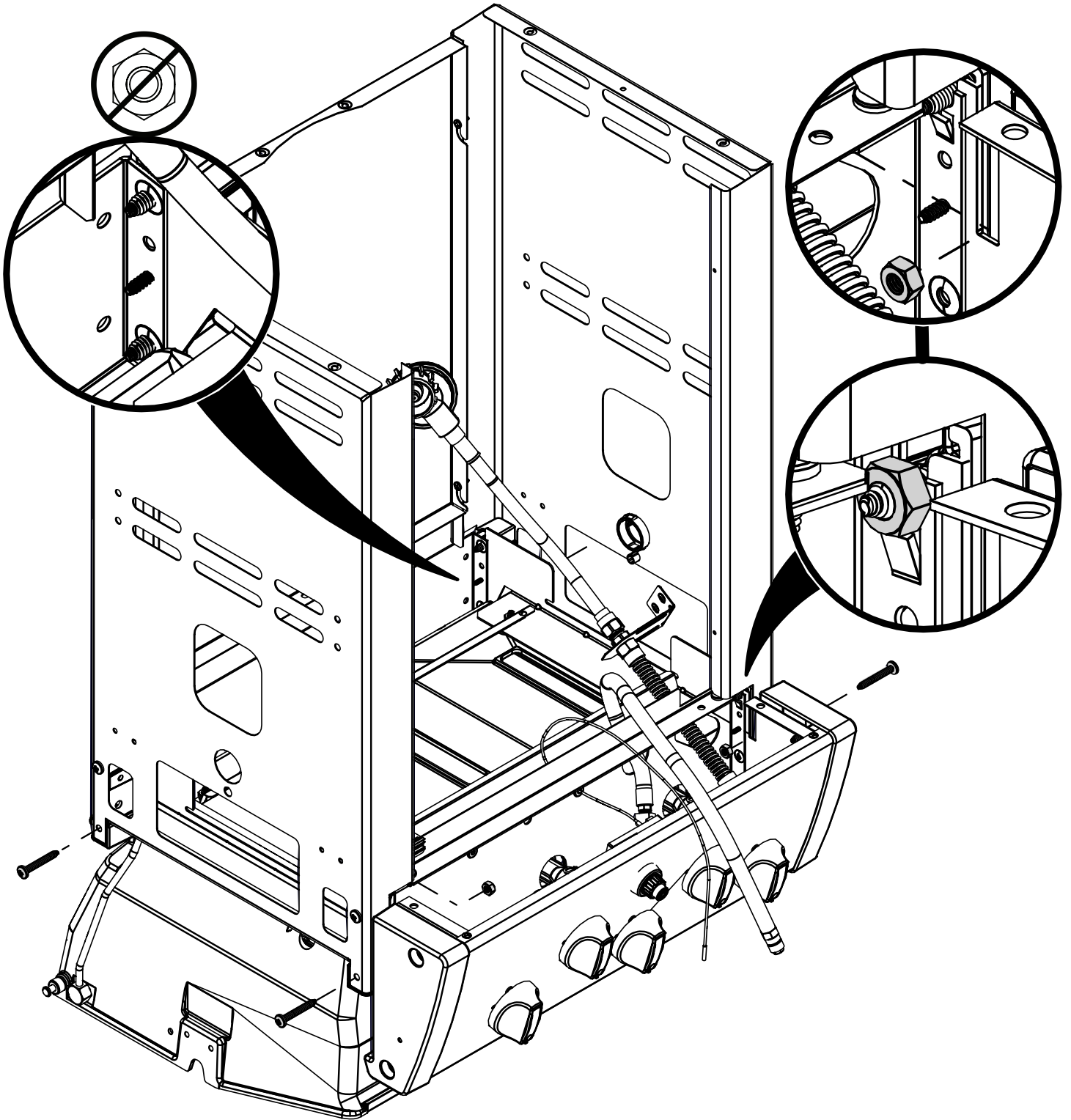


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


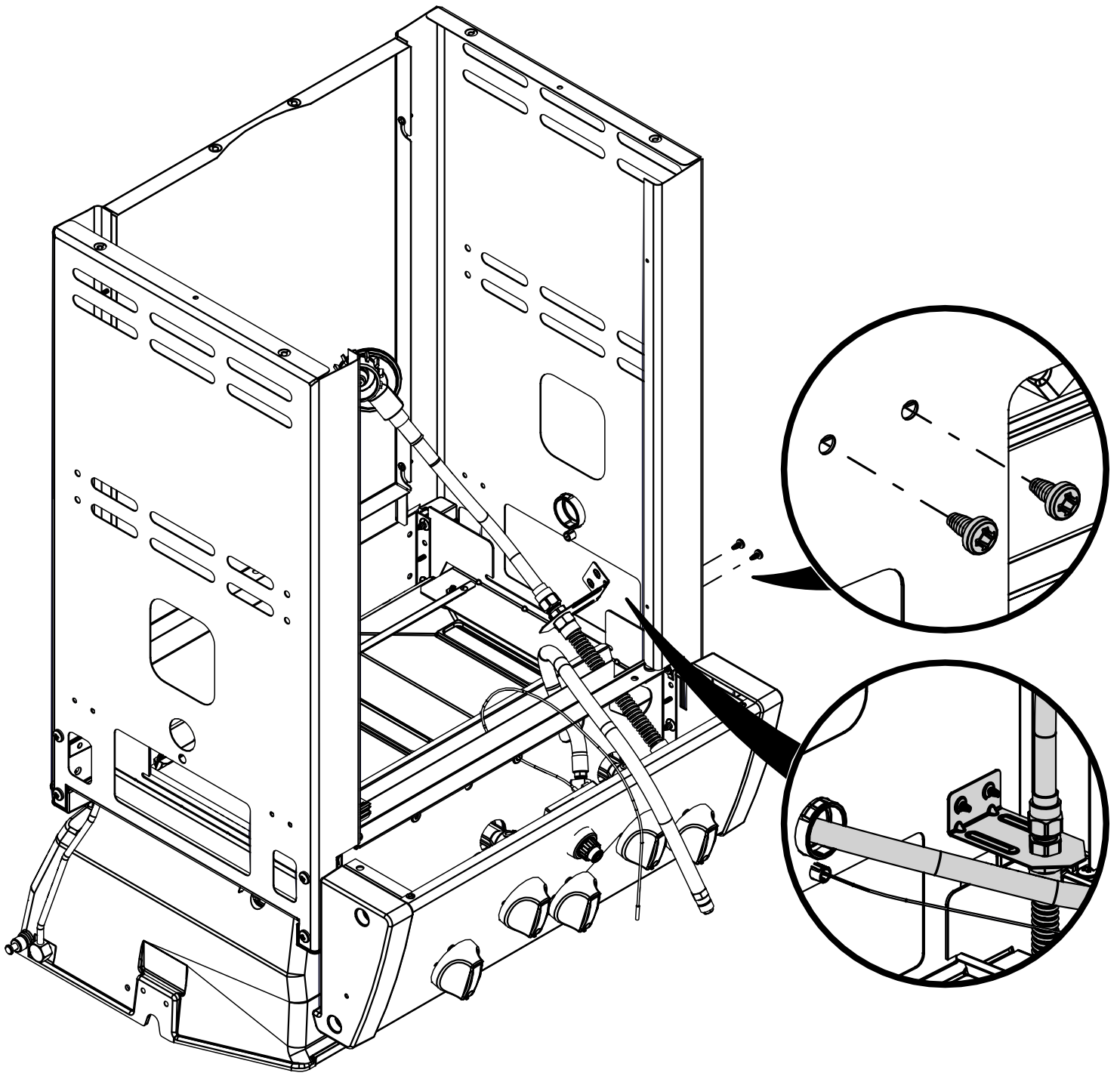
5

(4)  (2) 

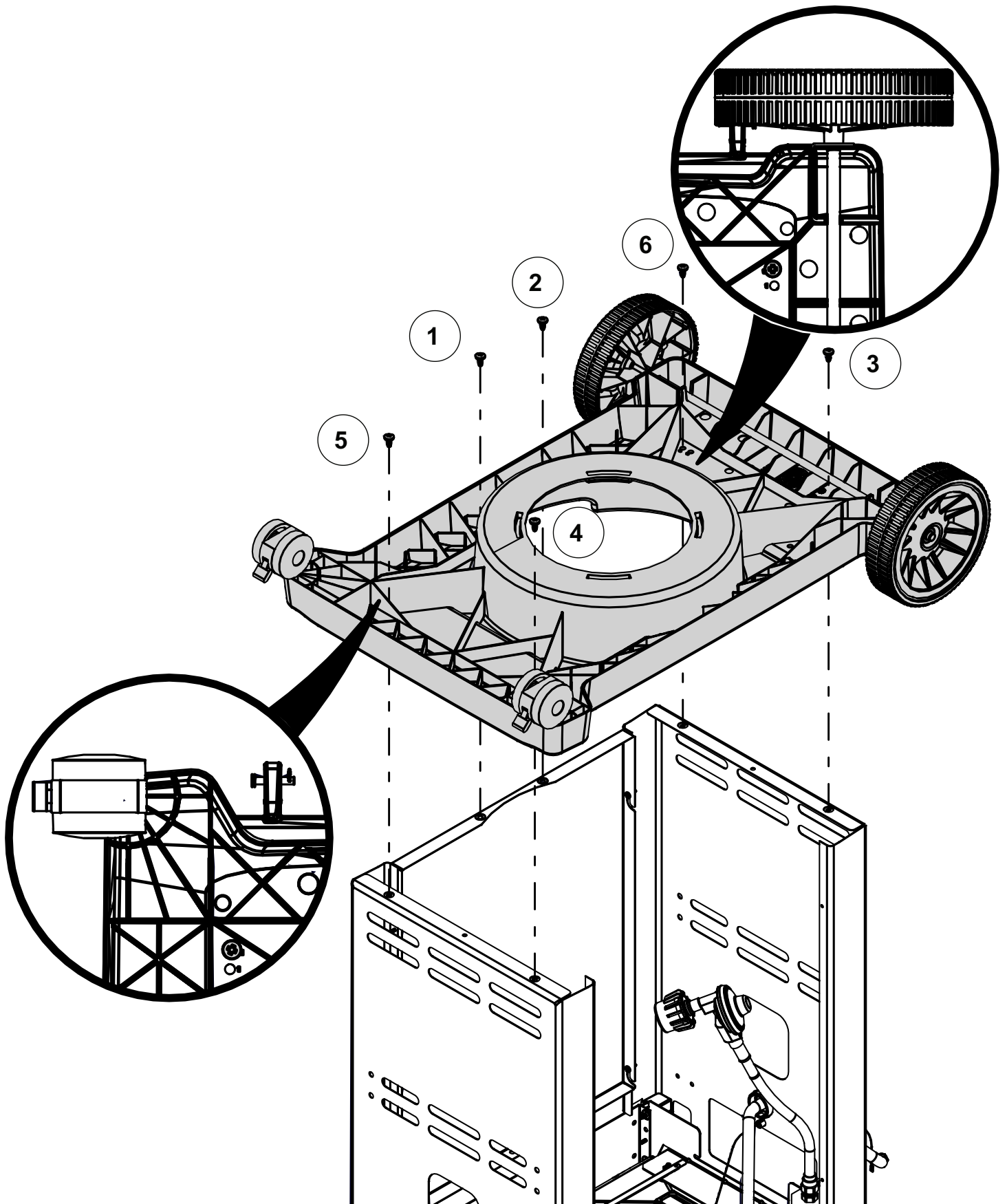
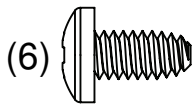


6

(2) 

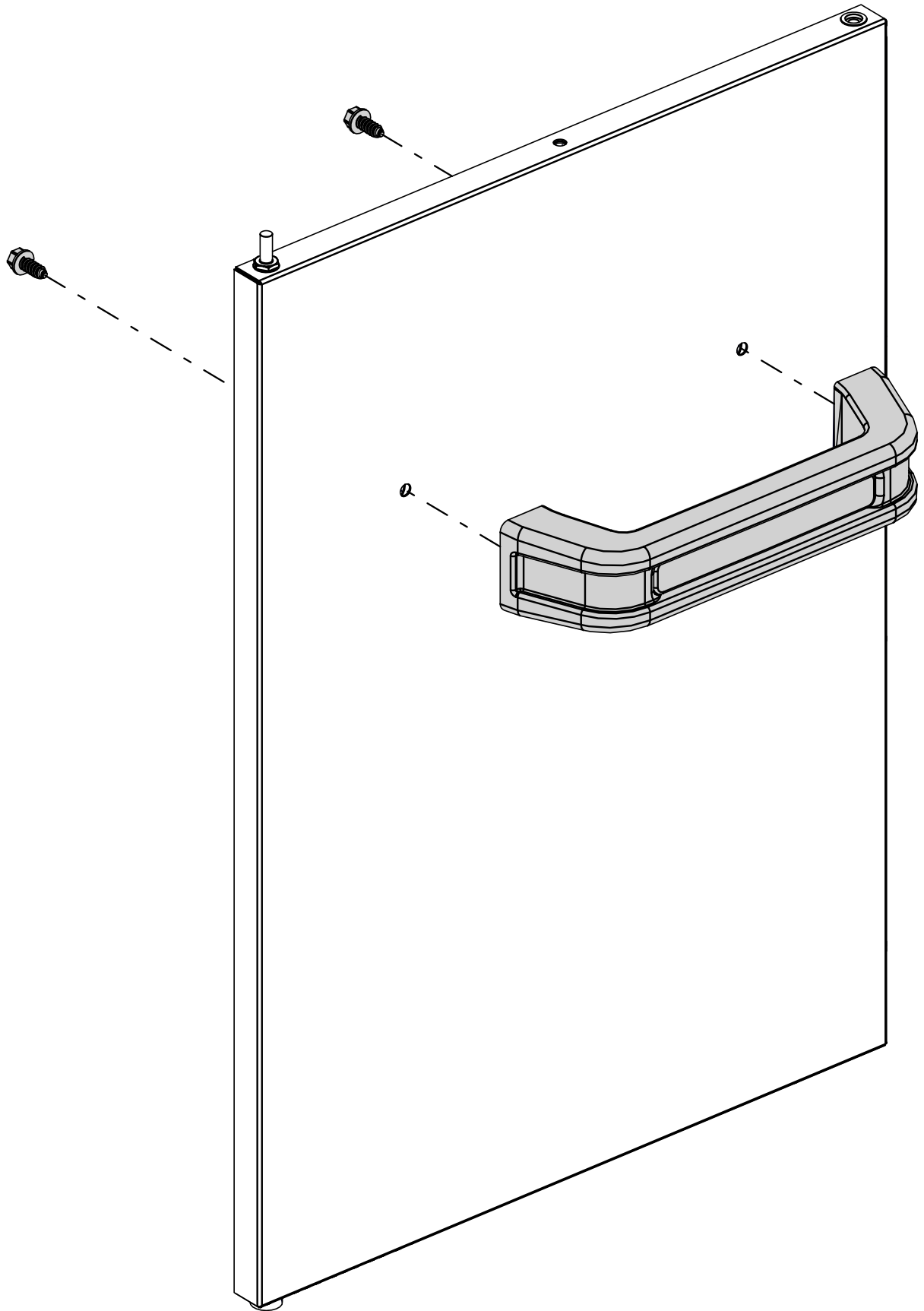
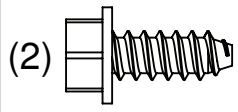


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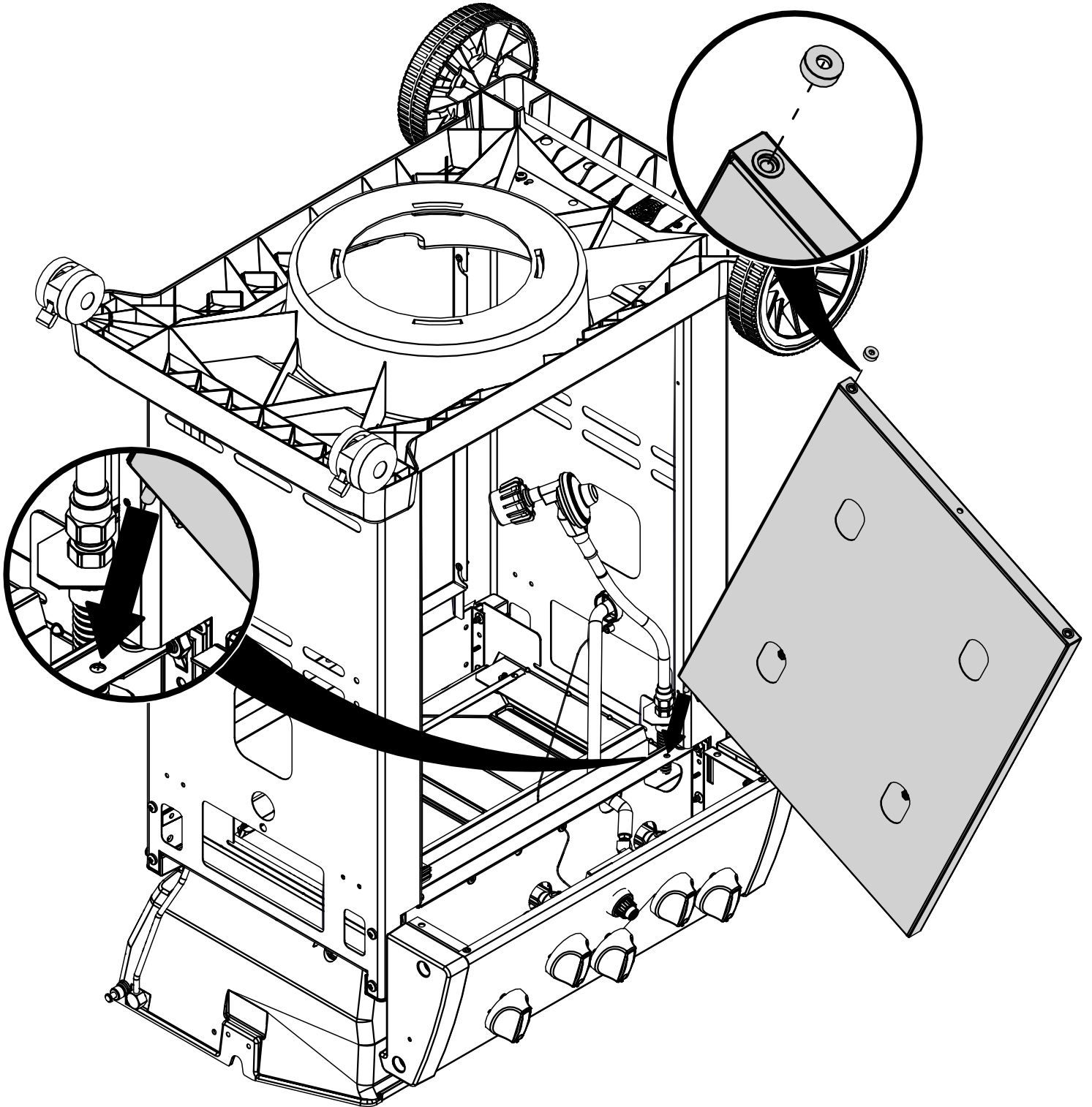
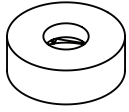


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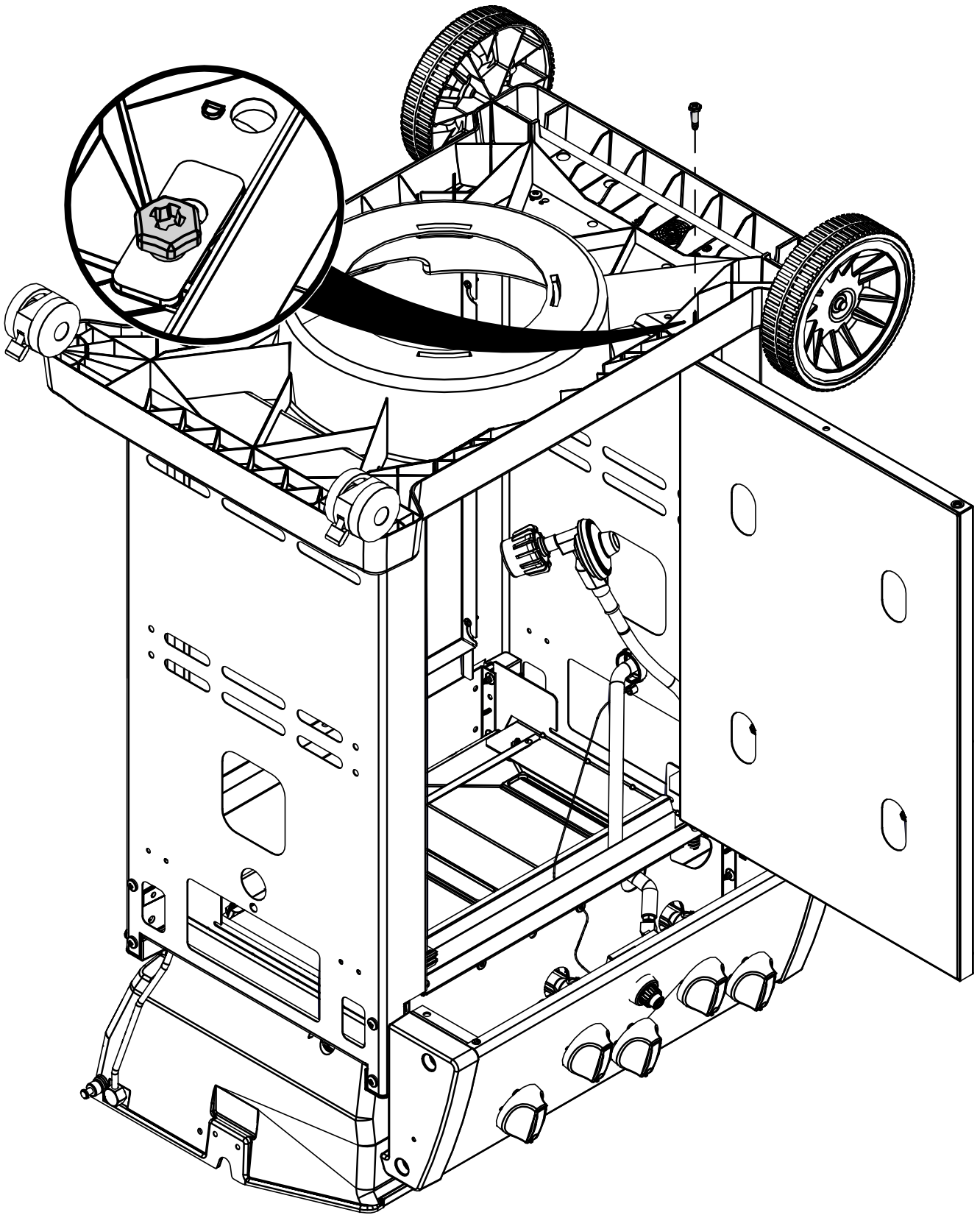
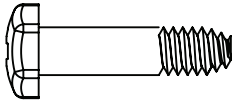
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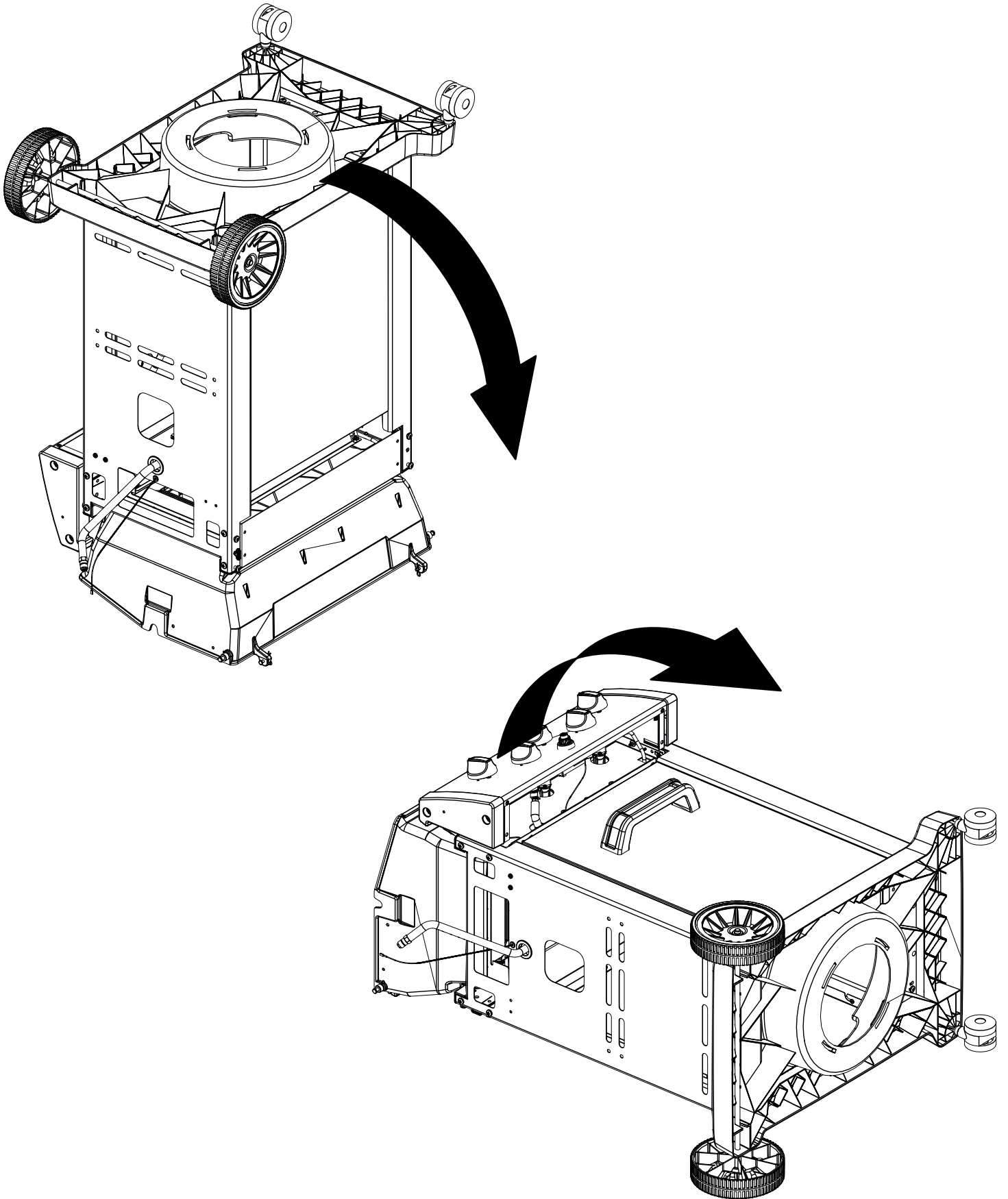
(1)



# 10

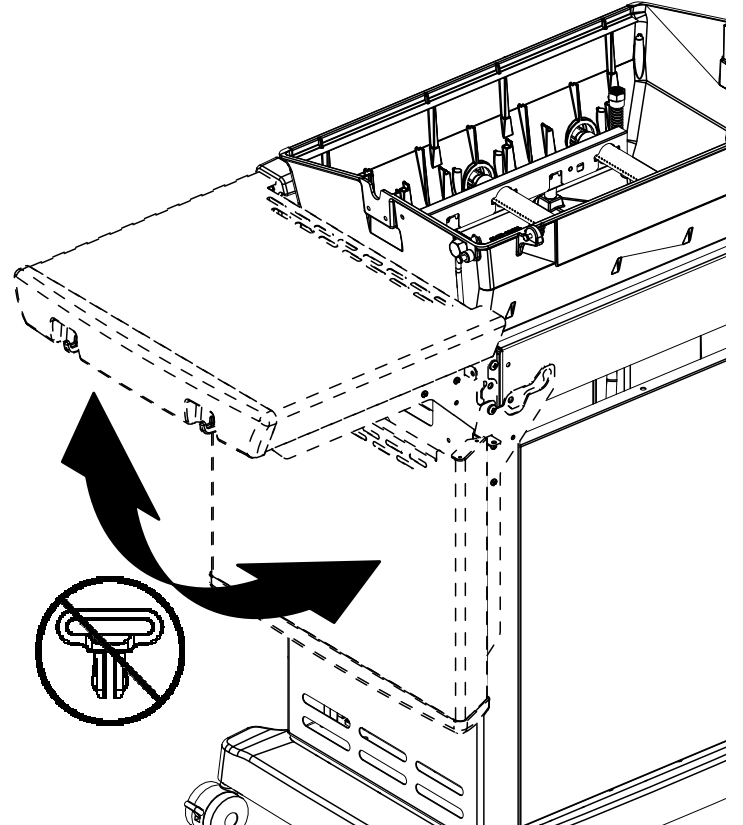
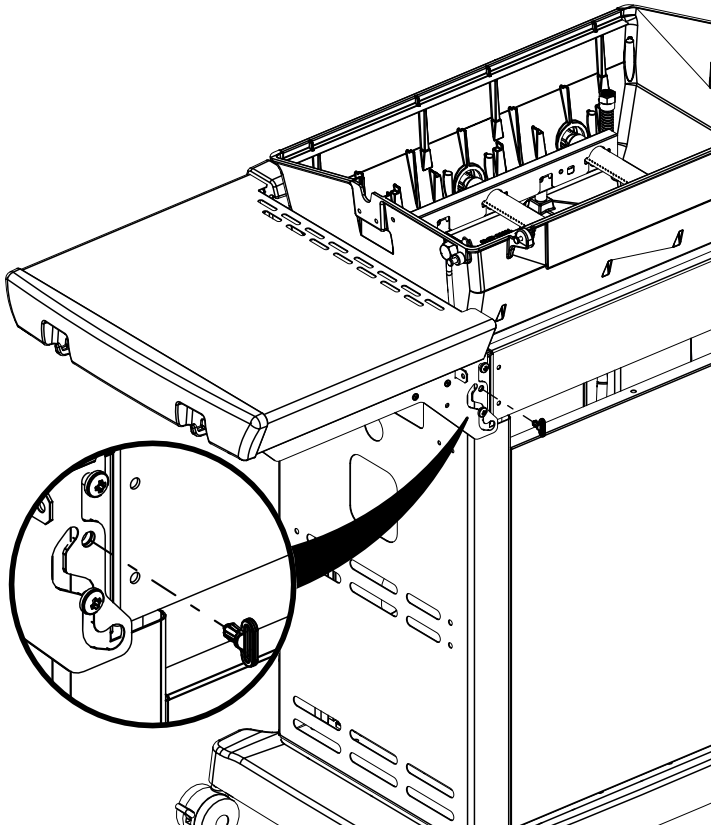
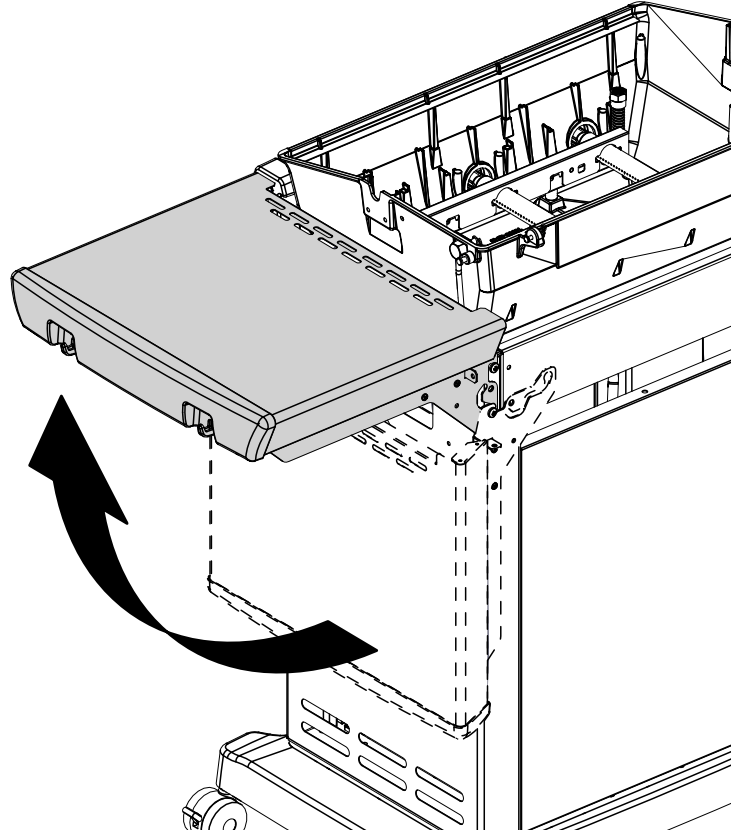
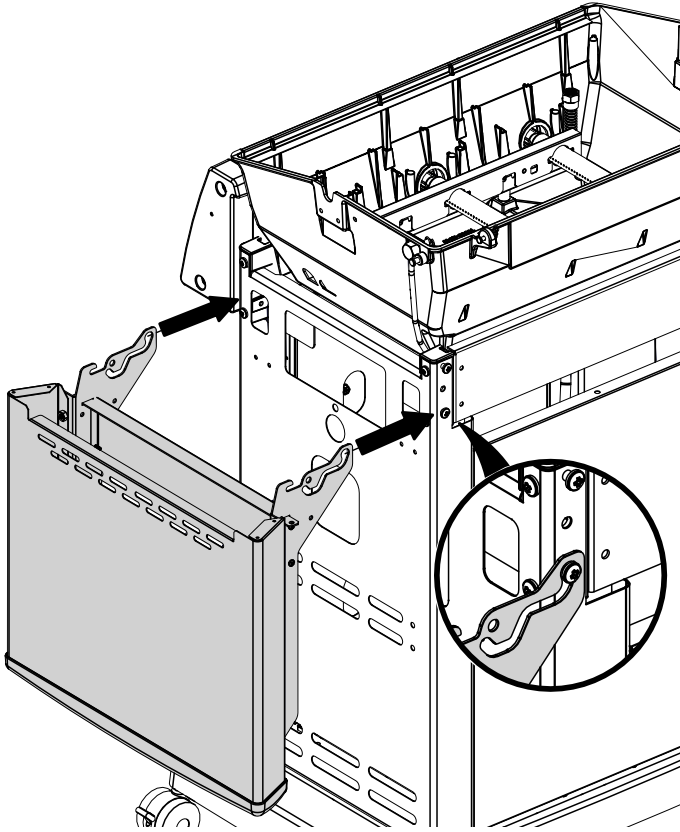
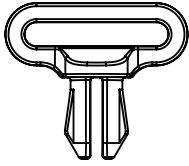
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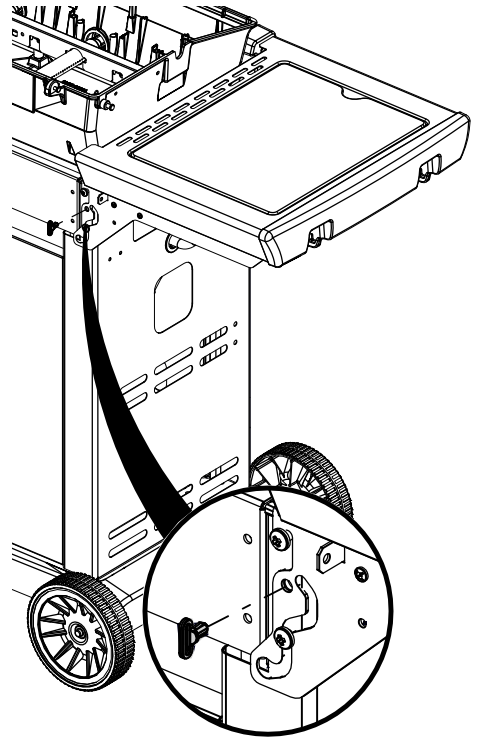
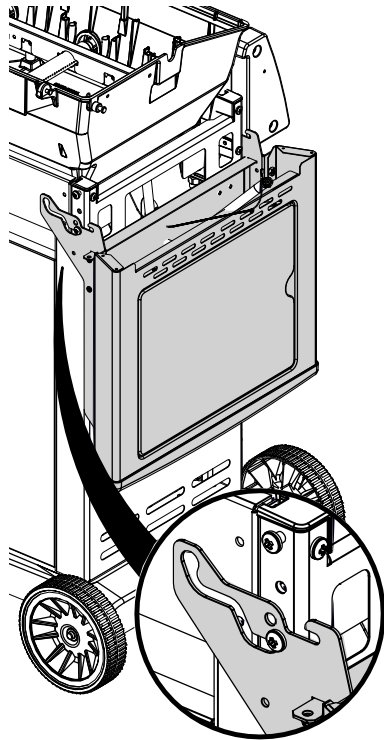
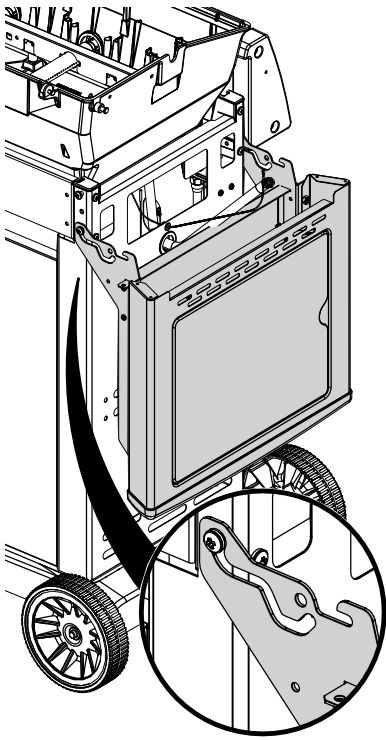
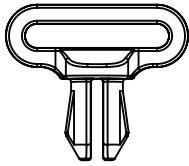
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(1)

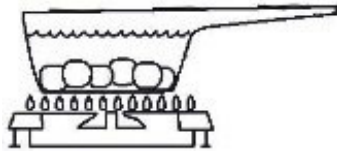


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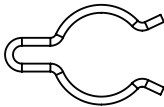
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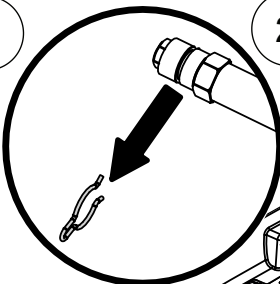
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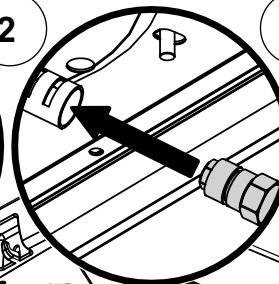
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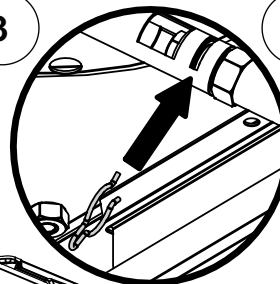
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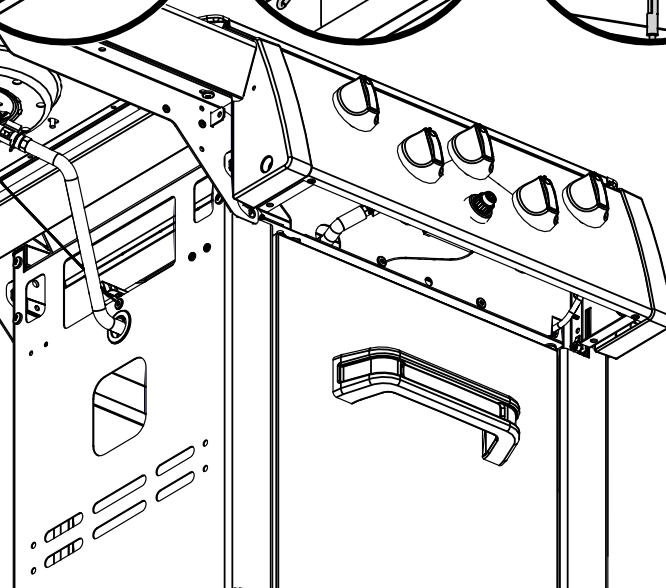
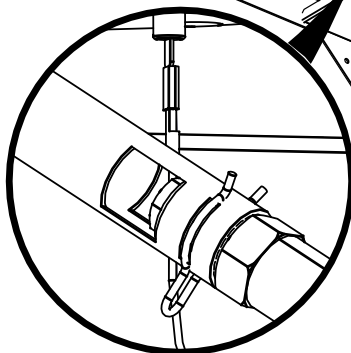
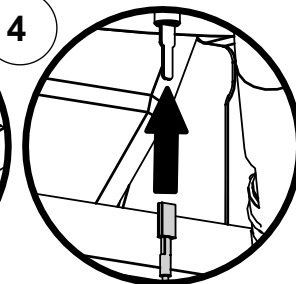
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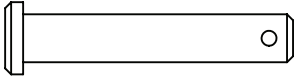
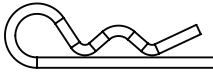
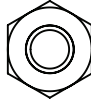
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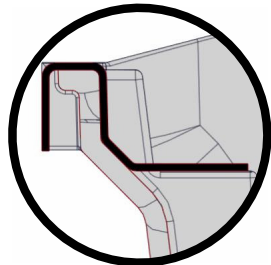
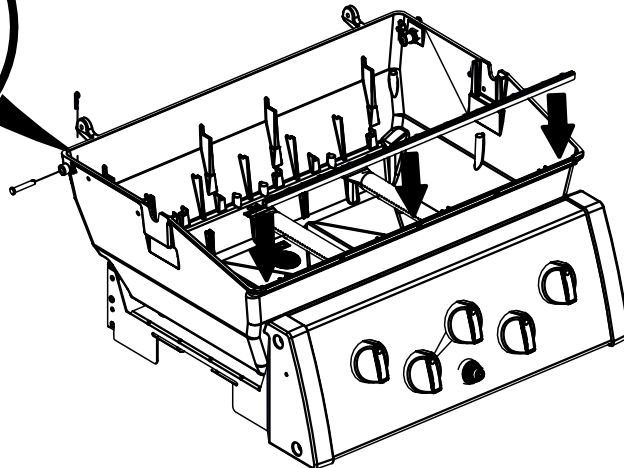
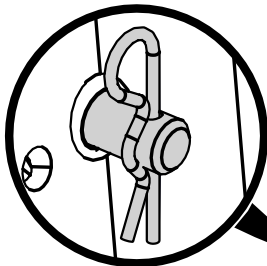
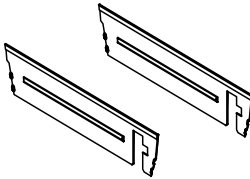
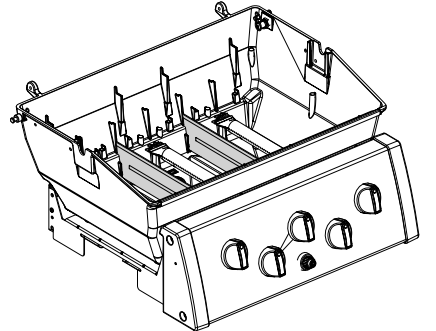
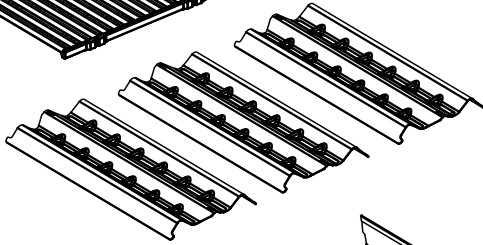
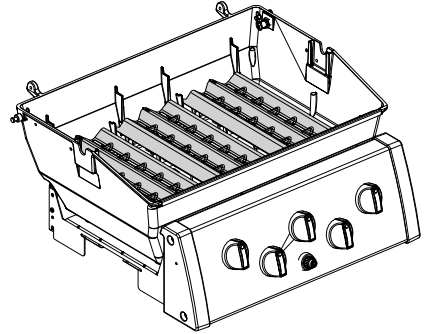
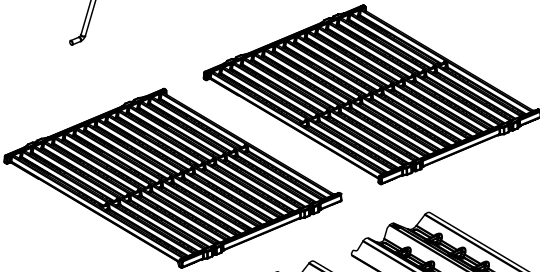
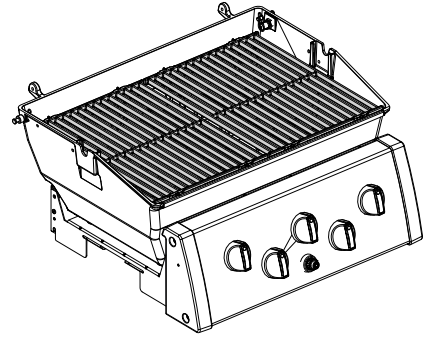
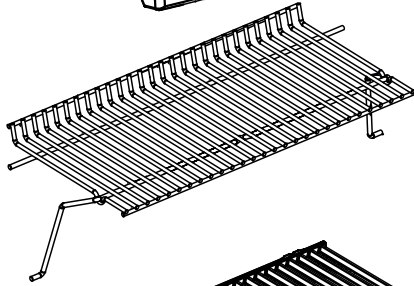
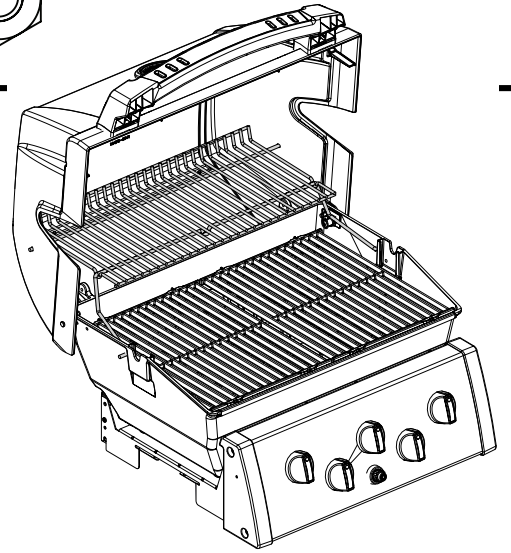
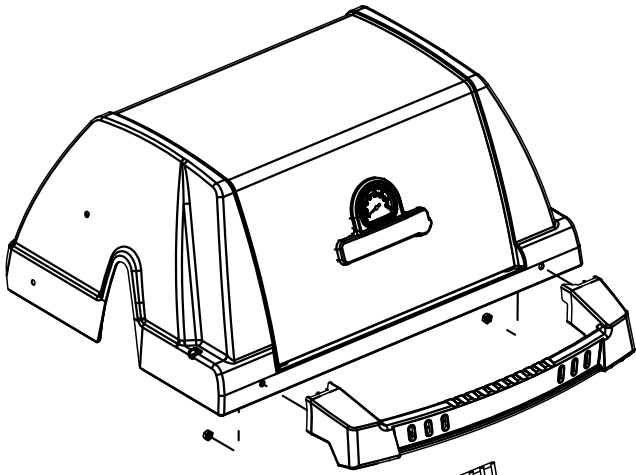


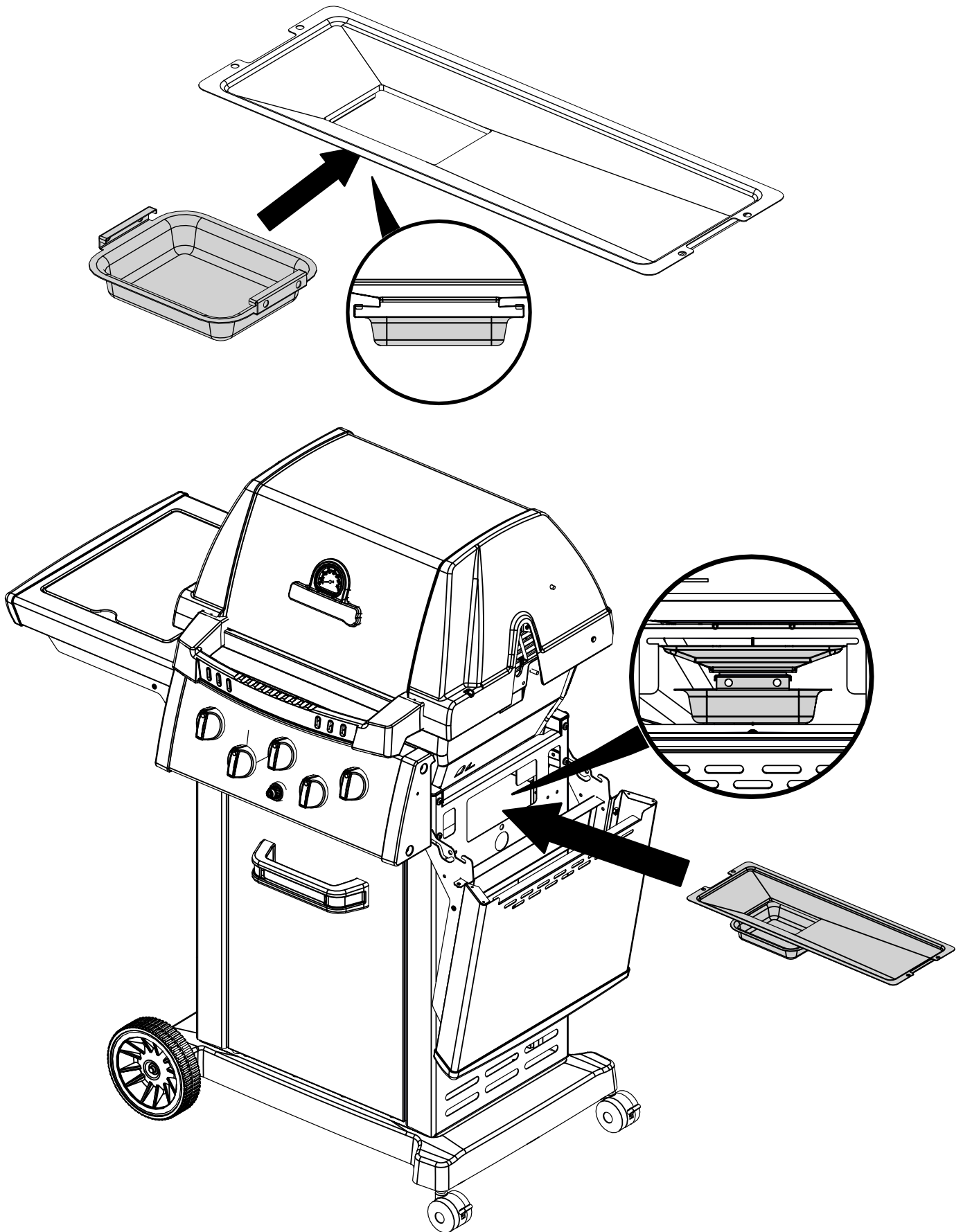
4



# 15

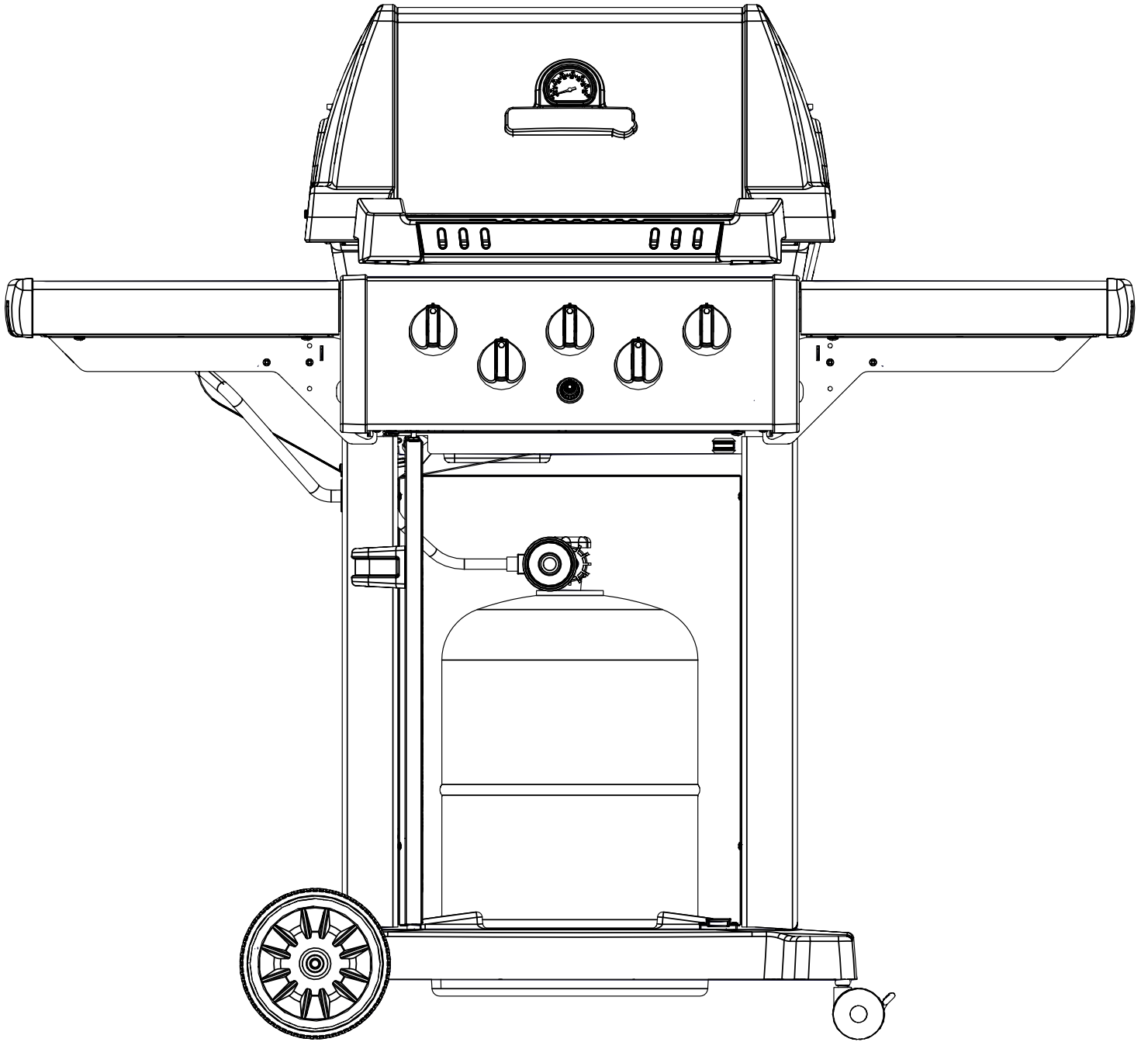
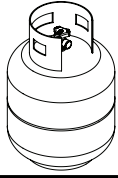
- (2)  (2)  (2) 



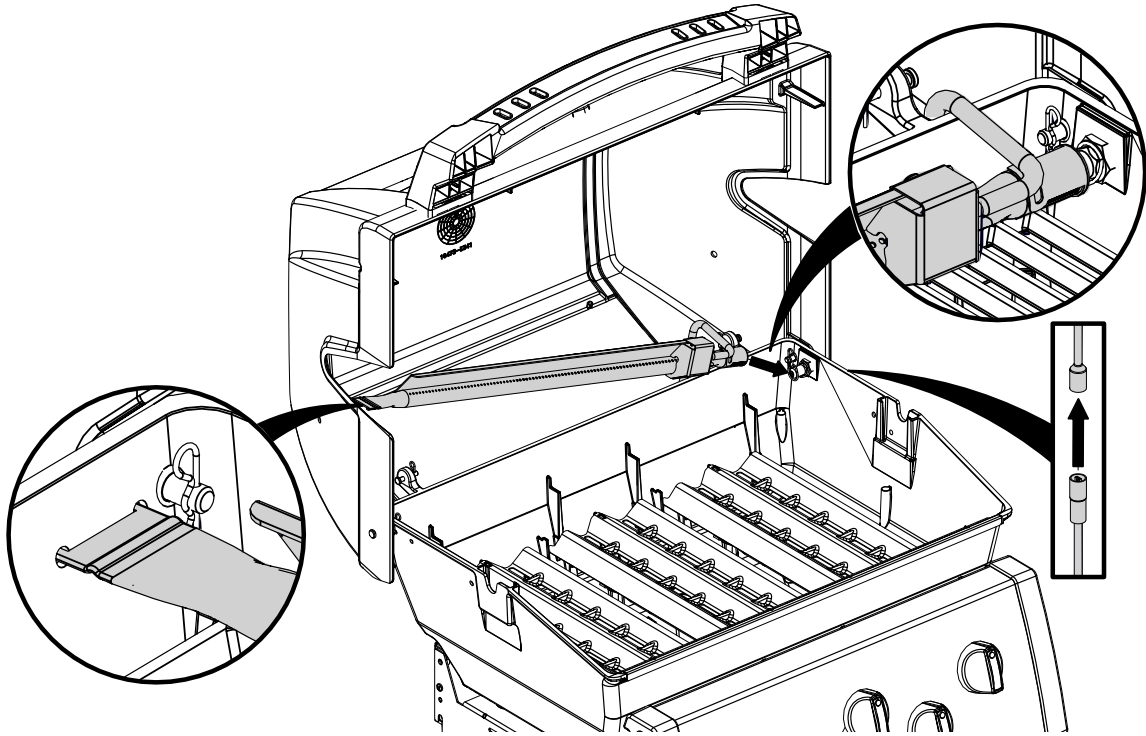




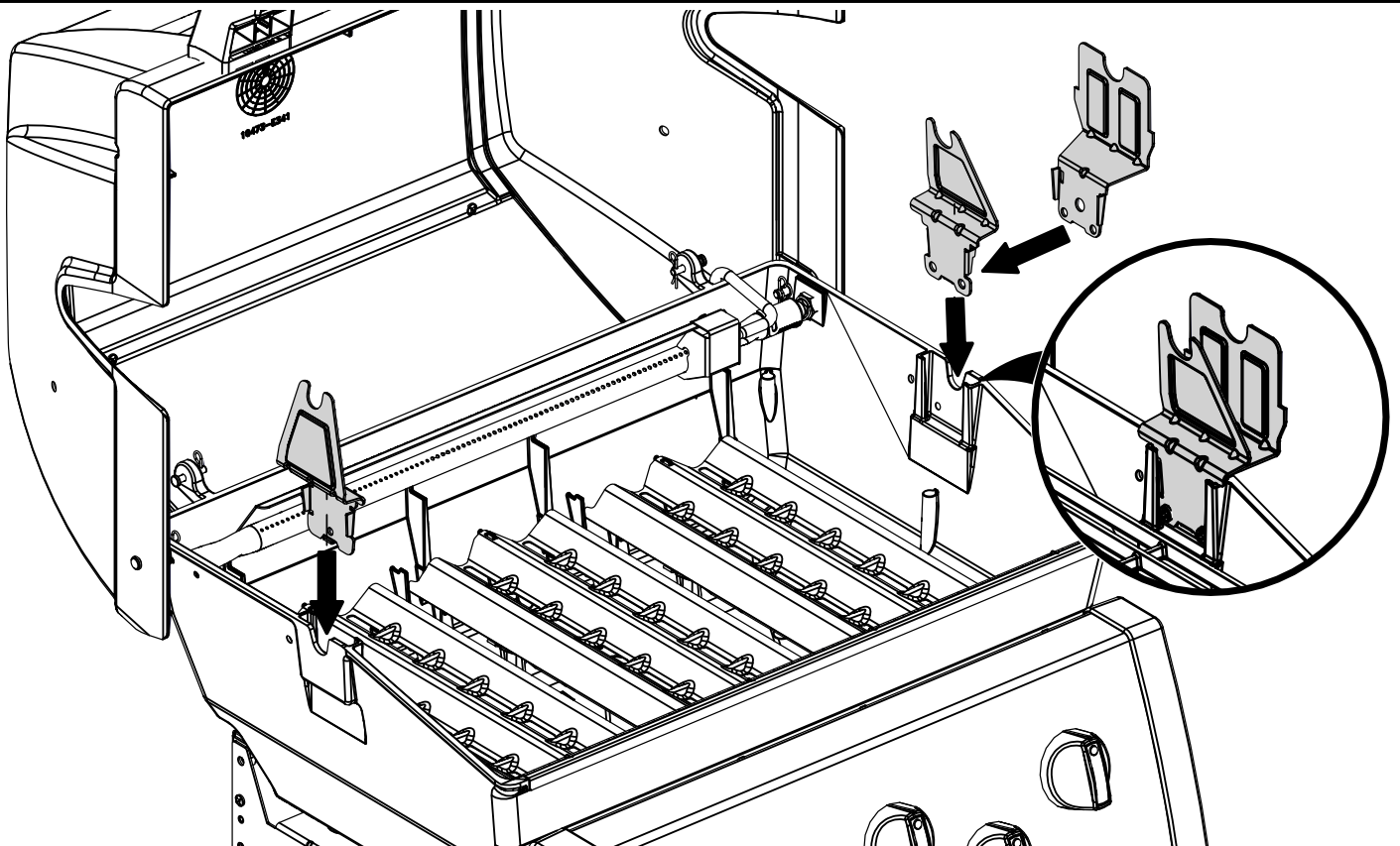
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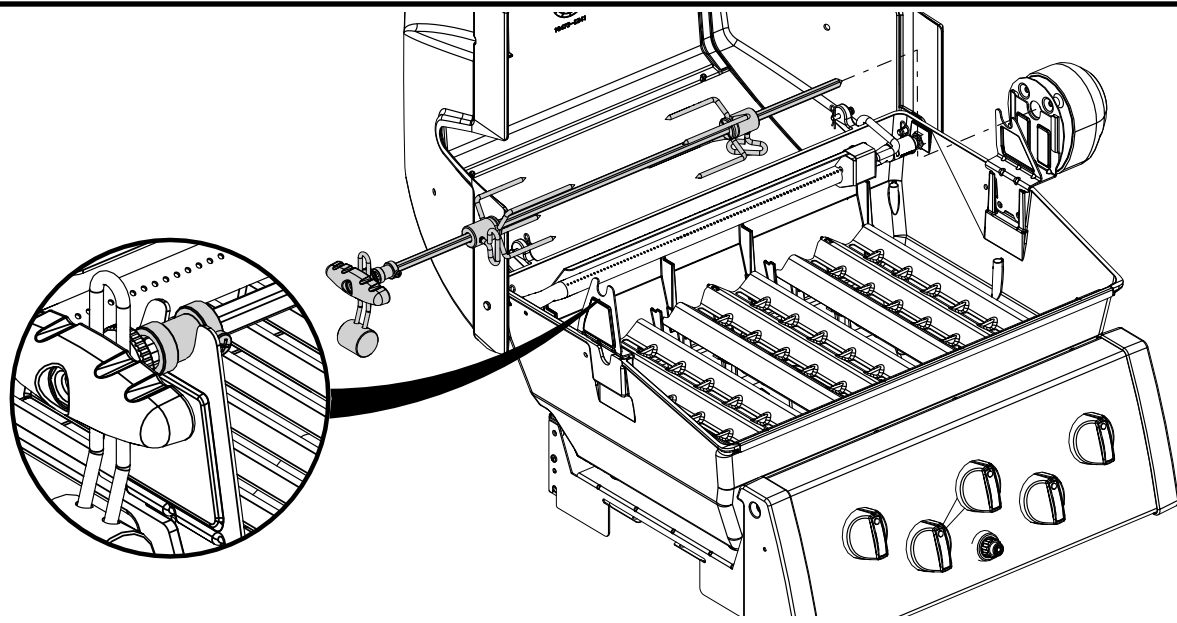
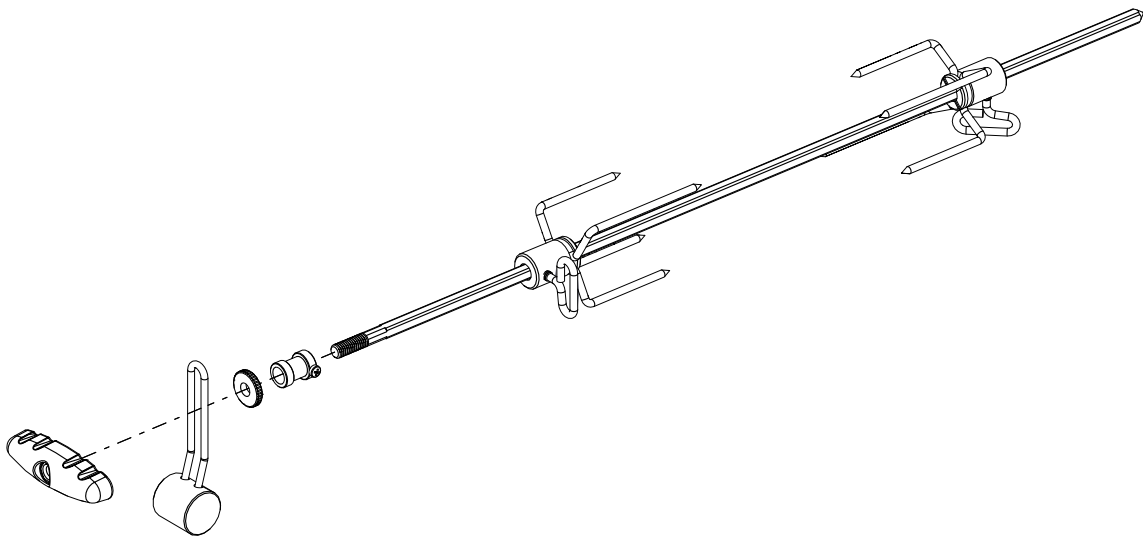
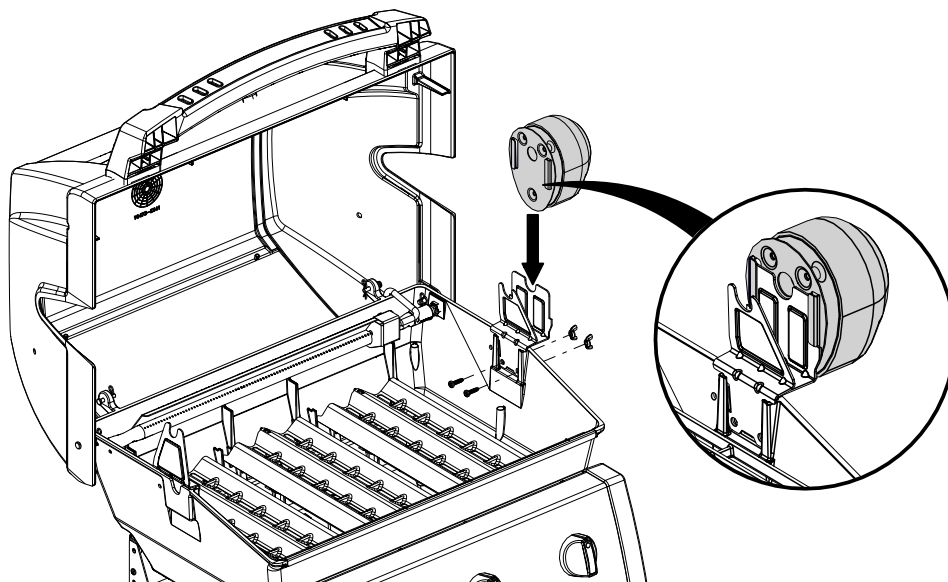
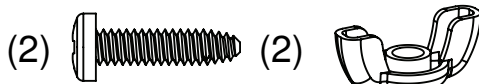
# 18



# 19



20



## PARTS LIST / LISTE DES PIECES

KEY #	ITEM #	DESCRIPTION	8342-52	8342-53	8342-62	8342-63	8342-82	8342-83
1	10909-E340A	CASTING BOTTOM	1	1	1	1	1	1
2	10473-E341	CASTING TOP	1	1	1	1	1	1
3	10081-BK630	NAMEPLATE	1	1	1	1	1	1
4	10958-E340A	TOP CASTING INSERT	1	1	1	1	1	1
5	10571-6	HEAT INDICATOR	1	1	1	1	1	1
6	10240-15	HINGE PIN	2	2	2	2	2	2
6A	S21237	HINGE SPACER	2	2	2	2	2	2
7	S21233	HITCH PIN CLIP	2	2	2	2	2	2
8	S21084	SCREW - BURNER	3	3	3	3	3	3
9	10225-T356	GRID - PORCELAIN	2	2	2	2	2	2
10	10222-E400	FLAV-R-WAVE	1	1	1	1	1	1
11	10225-E341	GRID - WARMING RACK	1	1	1	1	1	1
12	10222-E301	DIVIDER	2	2	2	2	2	2
13	10184-R83	BOSS EXTENSION	1	1	1	1	1	1
15	10390-E20D	BURNER	3	•	3	•	3	•
	10390-E20E	BURNER	•	3	•	3	•	3
17	10342-245	ELECTRONIC IGNITOR	1	1	•	•	•	•
	10342-246	ELECTRONIC IGNITOR	•	•	1	1	•	•
	10342-247	ELECTRONIC IGNITOR	•	•	•	•	1	1
18	10342-E12	ELECTRODE	2	2	2	2	2	2
19	52224-224A	COLLECTOR BOX	1	1	1	1	1	1
20	10111-16A	HOSE ASSEMBLY	1	1	1	1	1	1
21	29004-012	CONTROL ASSEMBLY	1	•	•	•	•	•
	29004-013	CONTROL ASSEMBLY	•	1	•	•	•	•
	29004-032	CONTROL ASSEMBLY	•	•	1	•	•	•
	29004-033	CONTROL ASSEMBLY	•	•	•	1	•	•
	29004-072	CONTROL ASSEMBLY	•	•	•	•	1	•
	29004-073	CONTROL ASSEMBLY	•	•	•	•	•	1
21A	S13470-073	HOSE-SIDE BURNER	•	•	1	•	1	•
	S13470-079	HOSE-SIDE BURNER	•	•	•	1	•	1
	S13470-109	HOSE-SIDE BURNER	•	•	•	•	•	•
21B	Y-11230	COTTER PIN	•	•	1	1	1	1
21C	10110-34	TUBE-REAR BURNER ASSY	•	•	•	•	1	1
23	10472-K431	CONTROL KNOB	3	3	4	4	5	5
30	10194-F138	CONTROL COVER	1	1	•	•	•	•
	10194-F158	CONTROL COVER	•	•	1	1	•	•
	10194-F198	CONTROL COVER	•	•	•	•	1	1
31	10711-E34	EDGE CAP - CONTROL COVER	1	1	1	1	1	1
32	10711-E33	EDGE CAP - CONTROL COVER	1	1	1	1	1	1
33	10184-E96	RADIATION SHIELD	1	1	1	1	1	1
34	10184-E97	GREASE RAIL	1	1	1	1	1	1
35	10184-E501	SUPPORT-CASTING-LEFT	1	1	1	1	1	1
36	10184-E511	SUPPORT-CASTING-RIGHT	1	1	1	1	1	1
37	10184-E651	SUPPORT-SIDE SHELF-LEFT	2	2	2	2	2	2
37A	10184-E63	SUPPORT-SIDE SHELF-LEFT	2	2	2	2	2	2
38	10184-E641	SUPPORT-SIDE SHELF-RIGHT	2	2	2	2	2	2
38A	10184-E62	SUPPORT-SIDE SHELF-RIGHT	2	2	2	2	2	2
39	10956-E421	BRACE-REAR	1	1	1	1	1	1
40	10958-E71	BASE	1	1	1	1	1	1
41	10956-E311	BRACE-FRONT	1	1	1	1	1	1
43	10958-E761	SIDE PANEL	2	2	2	2	2	2
44	10958-E361	REAR PANEL	1	1	1	1	1	1
45	10184-E981	BRACKET - DOOR CATCH	1	1	1	1	1	1
48	10184-E691	SHELF BRACKET	2	2	2	2	2	2
50	10711-E821	SHELF - SIDE - RIGHT	1	1	1	1	1	1
51	10711-E821	SHELF - SIDE - RIGHT	1	1	•	•	•	•
	10711-E831	SHELF-SIDEBURNER	•	•	1	1	1	1
56	10892-7G	WHEEL	2	2	2	2	2	2
60	10711-E49	END CAP - SHELF - RIGHT	2	2	2	2	2	2
66	S13006AE	BURNER ROTISSERIE	•	•	•	•	1	1

## PARTS LIST / LISTE DES PIECES

KEY #	ITEM #	DESCRIPTION	8342-52	8342-53	8342-62	8342-63	8342-82	8342-83
68	S21362	SPRING	•	•	•	•	1	1
69	10958-E48AB	DOOR	1	1	1	1	1	1
70	21475-138	HANDLE	1	1	1	1	1	1
71	10696-085	REARBURNER-ORIFICE	•	•	•	•	1	•
	10696-094	REARBURNER-ORIFICE	•	•	•	•	•	1
72	S21420	PUSH NUT	2	2	2	2	2	2
73	Y-11990	HEX NUT	•	•	•	•	1	1
74	S21084	SCREW - #14 x 3/4	2	2	2	2	2	2
75	10184-E302A	HANDLE	1	1	1	1	1	1
78	10892-13	CASTOR	2	2	2	2	2	2
79	Y-11561	BOLT - 1/4:20 x 1 3/4	12	12	12	12	12	12
80	Y-11546	SCREW- 1/4-20 X 5/8	8	8	8	8	8	8
81	Y-12860	SCREW - 1/4-20 X 1 3/8	4	4	4	4	4	4
82	Y-12673	SHELF - LOCK PIN	2	2	2	2	2	2
83	Y-12865	BOLT- 1/4-20 X 1/2	8	8	8	8	8	8
84	S15170	AXLE	1	1	1	1	1	1
85	Y-12855	BOLT- 1/4-20 X 3/8	8	8	8	8	8	8
87	Y-11793	NUT- 1/4-20	18	18	18	18	18	18
96	S21125	SCREW - 8 X 1/2	4	4	4	4	4	4
98	S21124	SCREW - 8 X 1/2	33	33	34	34	35	35
99	Y-12646	SCREW - SHOULDER 8 X 1/2	•	•	2	2	2	2
104	Y-12835	SCREW - 6-32 X 1/4	•	•	2	2	2	2
105	Y-12953	WASHER	•	•	2	2	2	2
106	Y-12861	SCREW - 1/4-20 X 3/8	•	•	2	2	2	2
107	Y-12863	WASHER	•	•	4	4	4	4
110	53140-981	GRID	•	•	1	1	1	1
111	10390-E10D	SIDE BURNER	•	•	1	•	1	•
	10390-E10E	SIDE BURNER	•	•	•	1	•	1
113	10342-T16	ELECTRODE - SIDE BURNER	•	•	1	1	1	1
114	23000-251	COVER-SIDE BURNER	•	•	1	1	1	1
115	Y-29304	SCREW #10-24 X 3/8	2	2	2	2	2	2
117	23000-271	SHELF-SIDE BURNER	•	•	1	1	1	1
122	57054-901	GREASE TRAY	1	1	1	1	1	1
123	52009-901	GREASE PAN	1	1	1	1	1	1
135	Y-12119	BUSHING	2	2	3	3	3	3
136	10184-E44	ROTISSERIE SHIELD	1	1	1	1	1	1
137	10184-E42	ROTISSERIE BRACKET	1	1	1	1	1	1
138	10184-E43	ROTISSERIE SHIELD	1	1	1	1	1	1
139	S21061	WING NUT	2	2	2	2	2	2
140	Y-29306	BOLT - 10-24 x 5/8	2	2	2	2	2	2
141	S15271	HANDLE	•	•	•	•	1	1
142	S15270	BALANCER	•	•	•	•	1	1
143	S15263	BUSHING	•	•	•	•	1	1
144	Y-12220	BUSHING	•	•	•	•	1	1
145	S15264	SPIT ROD	•	•	•	•	1	1
146	S15246	MOTOR	•	•	•	•	1	1
147	S15299	WASHER	•	•	•	•	1	1
148	S15287	4 PRONG FORKS	•	•	•	•	1	1
149	10240-20	DOOR PIN	1	1	1	1	1	1
152	Y-12222	MAGNET	1	1	1	1	1	1
153	Y-12223	SNAP IN MAGNET	1	1	1	1	1	1
164	Y-12124	DOOR CAP	1	1	1	1	1	1
165	Y-11551	SCREW 1/4-20 X 1	1	1	1	1	1	1

