

Electric/Gas Dual Side Grills

Parts List Manual

Models:

M(E/G)1P, M(E/G)2P & M(E/G)3PX



M(E/G)2P Shown



M(E/G)1P Shown

Original Instructions

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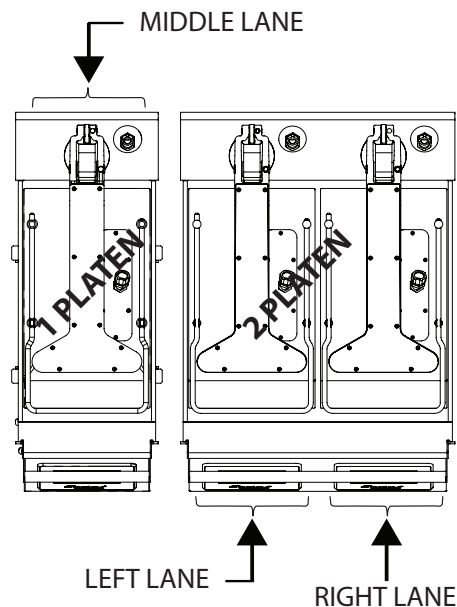


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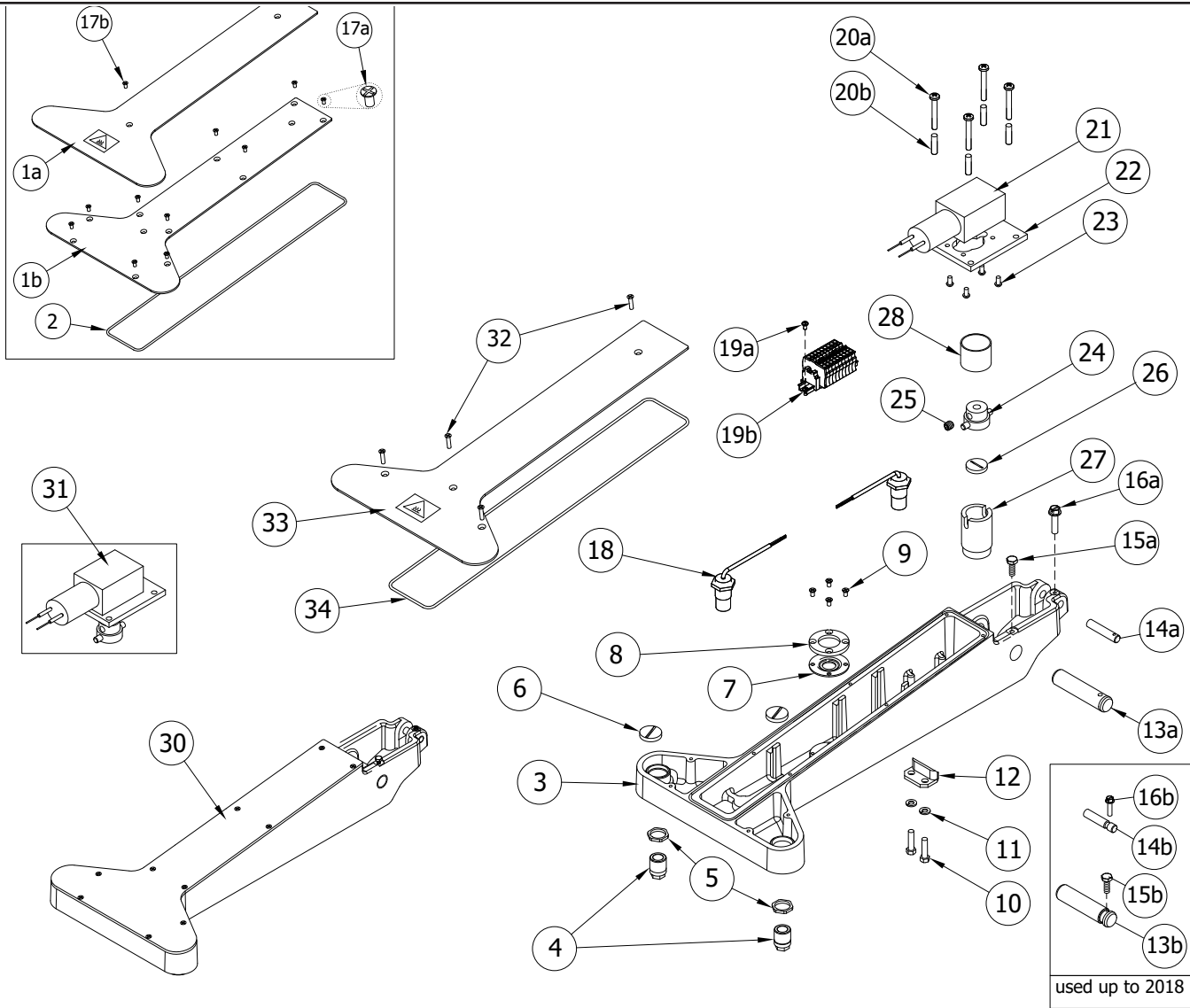
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McDonald's Grill Lane Configuration



Top Platen Grill - All Models, Part 1

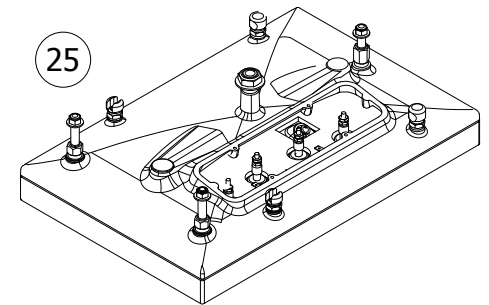
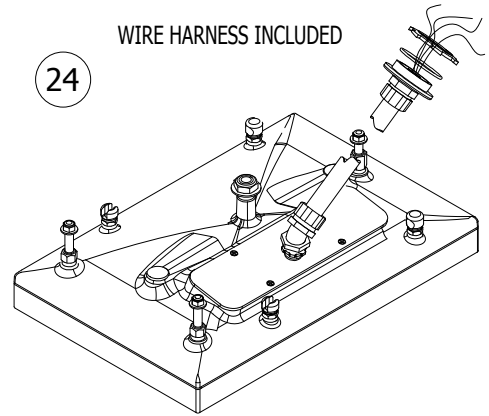
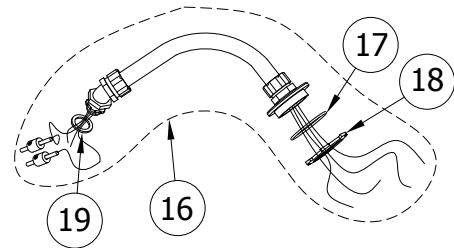
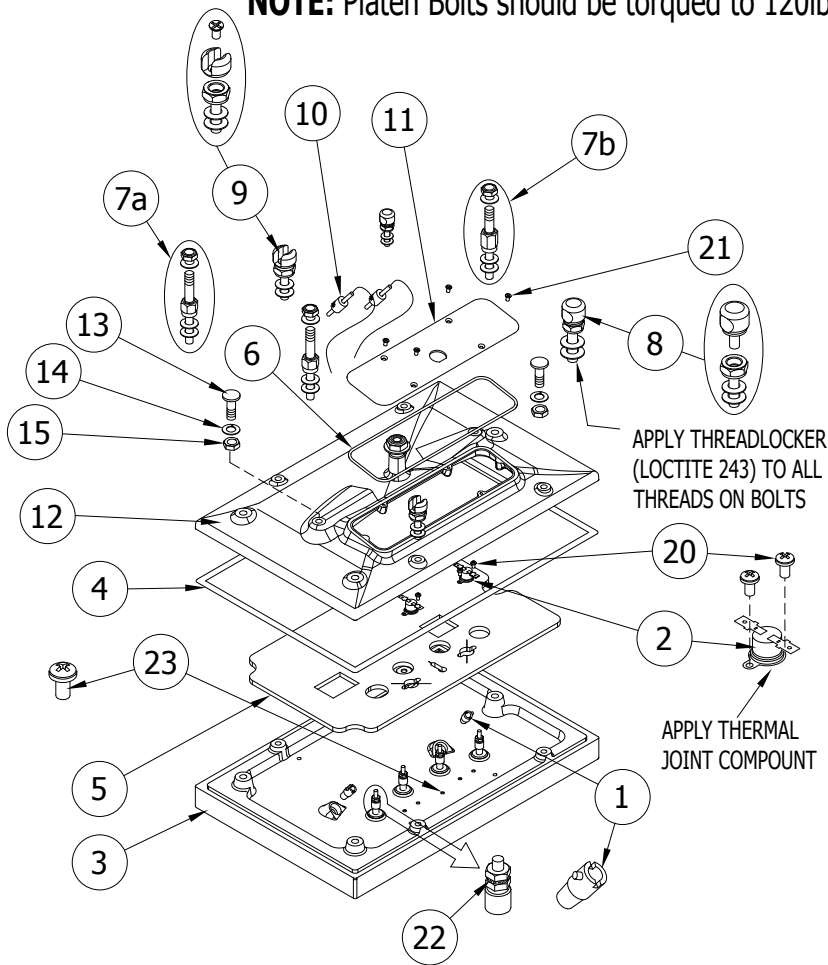


Item#	Photo	Part#	Description	Qty	Critical or Recommended
1a	Photo	4602852	Platen Arm Cover, Pearl Top	1	
1b	Photo	4602850	Platen Arm Cover, Pearl Bottom Weldment	1	
2	Photo	4603221	Seal, Platen Arm to Cover	1	
3	Photo	4603424	Platen Arm W/Bushings	1	
4	Photo	4600578	SB Adj. Nut, Pearl	2	
5	Photo	4600579	SB Adj. Nut Lock, Pearl	2	
6	Photo	4600568	SB Cap	3	
7	Photo	4600567	Seal Cowl to Arm	1	
8	Photo	4600566	Seal Cap, Arm	1	
9		F766	#8-32 X 1/2" Flat Head Machine Screw 18-8 SS	4	
10		F191	Screw-1/4-20 x 5/8in Hex Head S-S Bolt	2	
11		F255	Lockwasher-1/4 S/S Split	2	

Item#	Photo	Part#	Description	Qty	Critical or Recommended
12	Photo	4600570	Arm Stop	1	
13a	Photo	4603326	PIN, ARM/KNUCKLE JOINT PEARL	1	
13b	Photo	4600619	Pin Pivot	1	
14a	Photo	4602162	ARM LINK PIN, SNG	1	
14b	Photo	4600569	Arm Link Pin		
15a	Photo	F753	1/4-20 X 1" SS HEX HD CAP SCREW W/PATCH, GRADE F593C	1	
15b	Photo	F767	1/4-20 X 3/4" Thread-Locking Cap Screw SS		
16a	Photo	F843	#8-32 x 1/2" SS HEX WSHR HD M/C SCREW W/PATCH, GRADE F593C		
16b	Photo	F768	#10-24 X 3/8" Hex/Slot Washer Head Machine Screw SS	1	
17a	Photo	F717	#8-32X.312 U/CUT FHMS PH SS	10	
17b	Photo	F800	Screw-#10-32X3/8L Flat Undercut HD PH 18-8SS		
18	Photo	4600127	Sensor - Inductive Proximity PWM	2	
19a	Photo	F162	Screw-6-32 X 1/4" Phillip Pan S/S	1	
19b	Photo	4600480	Terminal Block - Mini Sensor & Motor	1	
20a	Photo	F846	#8-32 X 1.5" Long 18-8 S/S Pan HD M/C Screw	4	
20b	Photo	F847	Spacer 1/4"OD X 1.0" Long For #8 Screw, Alum, Unthrded	4	
21		4600128	Motor - 24VDC Levelling	1	C
22		4600572	AL Motor Mount, Pearl -WG	1	
23		F779	M3X0.5X6mm Pan HD M/S 18-8SS	4	
24	Photo	4600574	Auto-Level Coupler Assembly, Pearl	1	
25		F778	1/4"-20X1/4" Flat PT Socket Set Screw	1	
26	Photo	4600573	Rear SB Lock Cap	1	
27	Photo	4600538	Rear SB Adj. Nut	1	
28		4603381	Arm Support Bushing	1	
30		CK4600310	Platen Arm Assembly WG - Complete	1	
31	Photo	CK4600571	Arm Auto-Level Motor Assembly	1	
32	Photo	4603055	Screw - Captive Screw	4	
33	Photo	4602711	Arm Cover, Cast	1	
34	Photo	4601962	Seal, Platen Arm Cover, Black	1	

Top Platen Grill - All Models, Part 2

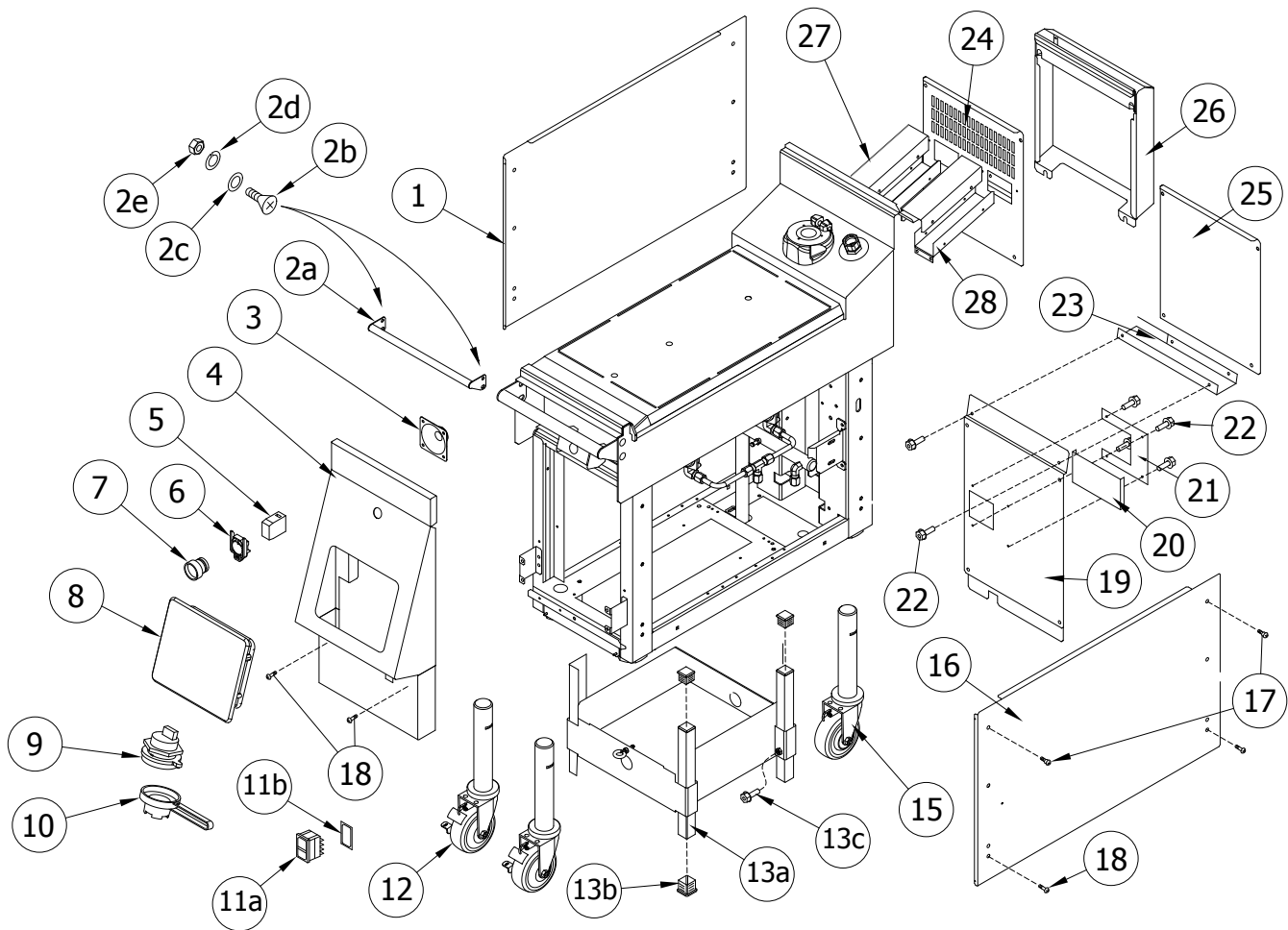
NOTE: Platen Bolts should be torqued to 120lb.



Item#	Photo	Part#	Description	Qty	Critical or Recommended
1		1859402	Platen Bayonet Adapter	2	
2	Photo	4531977	Thermostat SPST (open on rise 500F, close 420F)	2	C
3		4600191	Platen Heater 17.5" x 11.5" (must replace seal item # 4)	1	
4	Photo	4604267	Seal, Cowl to Platen	1	R
5	Photo	4600146	Platen Insulation	1	
6	Photo	4601963	Seal, Cowl to Lid (FKM O-Ring, As S68A-169)	1	
7a	Photo	CK4600585	Std Shoulder Bolt Assembly, Pearl	2	
7b		CK4600586	Short Shoulder Bolt Assembly, Pearl	1	
8	Photo	CK4600590	U-Bar Rear Holder Assembly	2	R
9	Photo	CK4600591	U-Bar Front Holder Assembly	2	R
10	Photo	4600100	Platen Thermocouple	2	C
11		4602855 up to s/n 19041001xxxx	Service Hatch Cover W/WeldNut Holes	1	
11		4602712 from s/n 19051001xxxx	Service Hatch Cover W/WeldNut Holes	1	
12		4600718	Cowl Asm, Pearl WG (World Grill)	1	
13		4600646	Sensor Target	2	C
14		F746	Lock Washer	2	
15		F747	Nut	2	

Item#	Photo	Part#	Description	Qty	Critical or Recommended
16		CK4600725 up to s/n 19041001xxxxx	Platen Harness TC Conduit GM Pkg - (Thermocouples & harness included)	1	
16		CK4603291 from s/n 19051001xxxxx	Platen Harness TC Conduit GM Pkg - (Thermocouples & harness included)		
17		4600652	O-Ring, AS568A - 137	1	
18		4600653	Conduit Fitting Locknut, 1.5"	1	
19		4600606	Seal Conduit Fitting	1	
20		F162	Screw-6-32 X 1/4" Phillips Pan S/S	4	
21		F717 up to s/n 19041001xxxxx	#8-32X.312 U/Cut FHMS PH SS	6	
21		4603166 from s/n 19051001xxxxx	#8-32X.312 U/Cut FHMS PH SS	6	
22		F715	#10-32 Hex Keps Nut SS (for the element)	4	
23		F783	#8-32X3/16 Truss M/S SS (ground)	1	
24	Photo	CK4604091	Complete Assembled Platen - Cowl Assembly with Conduit - WG	1	
25		CK4602048	Complete Assembled Platen - Cowl Assembly - WG	1	R

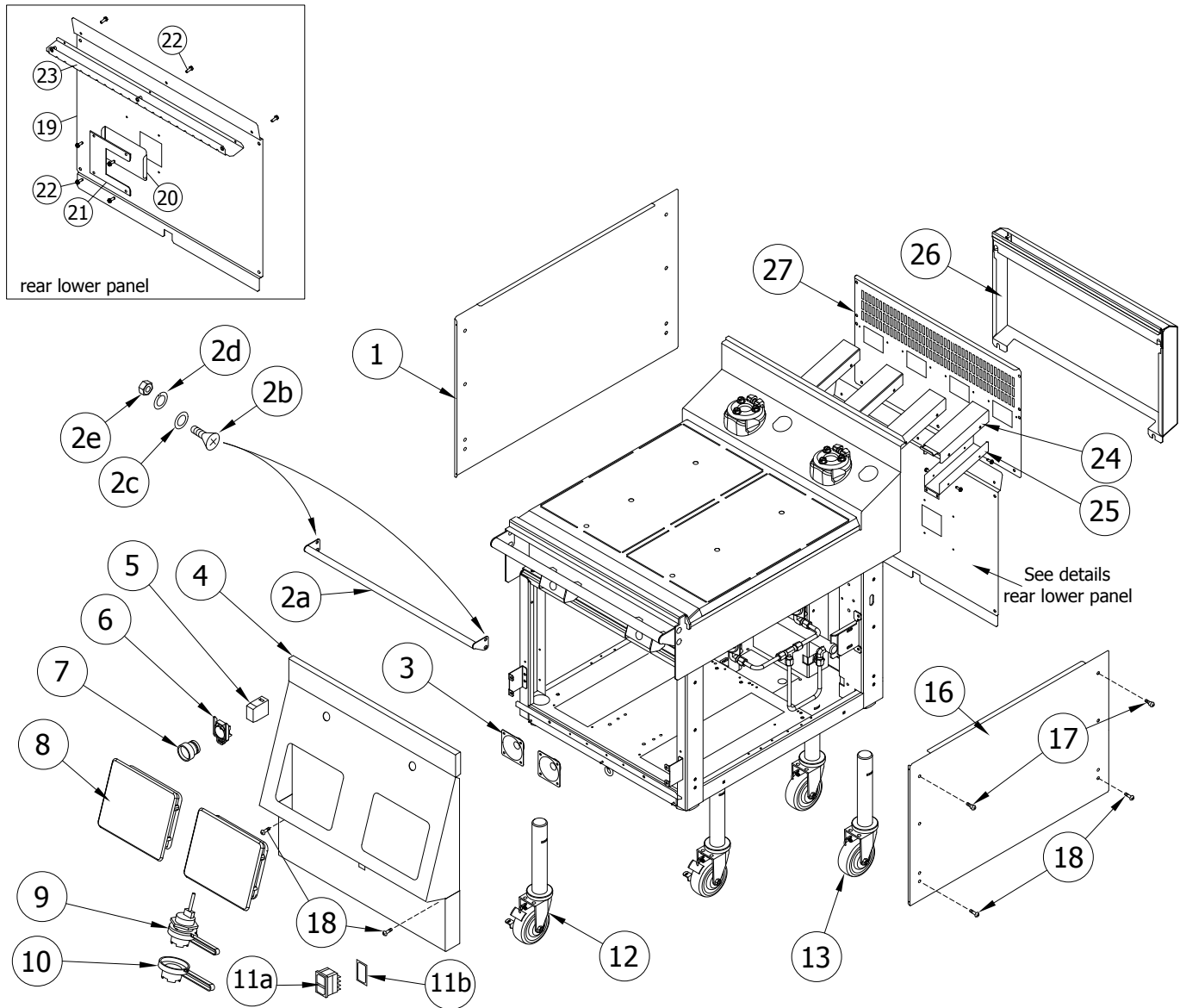
One (1) Platen Grill External Parts



Item#	Photo	Part#	Description	Qty	Critical or Recommended
1		4532768	Body Side, RT	1	
2a	Photo	4600189	Towel Bar Assembly 12	1	
2b	Photo	F711	5/16-18 X 5/8" FHMS SS	4	
2c	Photo	F756	5/16 18-8 SS Flat Washer 11/16 OD X .05"-.08" THK	4	
2d	Photo	F258	Lockwasher-5/16 S/S Split	4	
2e	Photo	F241	Nut 5/16-18 HEX SS	4	
3		4602687	Speaker	1	C
4		4602221	Control Panel, 1P Electric	1	
		4602224	Control Panel, 1P Gas	1	
5		1859606	Contact Block	1	C
6		1859607	Mounting Latch	1	C
7		1859605	Push Button Green	1	C
8	Photo	4604186	Service Kit - Control MCD Version, Software v4.0.3	1	C
9	Photo	4532040	USB Panel Mount Assy c/w Lock Nut	1	C
10	Photo	4532043	USB Cap	1	R
11a		4600614	Main Power Switch 250VAC 10A	1	C
11b		4523360	Switch Label	1	
12	Photo	4532675	Caster 1-1/2-12 Stem Sep. Swivel & Wheel Lock (front)	2	R
13a		4600956	Stability Post	4	

Item#	Photo	Part#	Description	Qty	Critical or Recommended
13b	Photo	4600957	Post Cap 1in Square	8	
13c	Photo	F191	Screw-1/4-20 x 5/8in Hex Head S-S Bolt	4	
15	Photo	4532676	Caster 1-1/2-12 Stem Swivel Lock Only (rear)	2	R
16		4532769	Body Side, LT	1	
17		F298N	#10-24x 3/8 Shoulder Bolt Nickel Plated	6	
18		8003128	10-24 X 1/2IN S/S Trust Head Phillip MS	4	
19		4600181	Rear Panel, Lower 1P	1	
20		4600266	Slide-Cover Circuit Breaker	1	
21		4532765	Guide - Circuit Breaker Cover	1	
22		F588	Screw #10-24X1/2" Hex HD Type F S.N.#GARL92144	6	
23		4600959	Drip Channel Lower Back 1P	1	
24		4600532	Rear Panel Upper 1P Gas	1	
25		4600179	Rear Panel Upper 1P Electric	1	
26		4602037	Flue Box Assy 12 (Gas Model Only)	1	
27		4600070	Flue Box Top	2	
28		4600069	Flue Box Bottom	2	

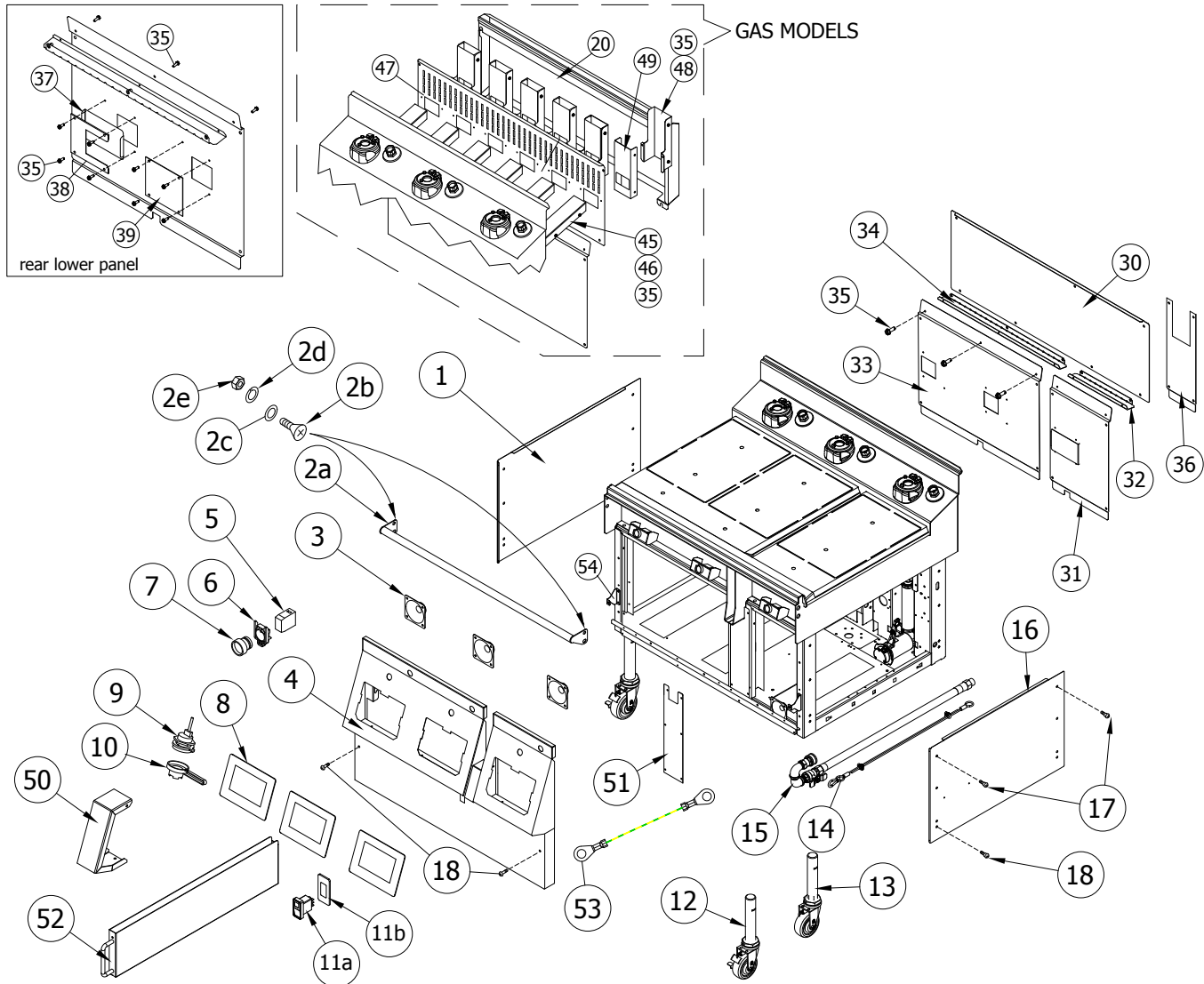
Two (2) Platen Grill External Parts



Item#	Part#	Description	Qty	Critical or Recommended
1	4532768	Body Side, RT	1	
2a	4532366	Towel Bar Assy 2P	1	
2b	F711	5/16-18 X 5/8" FHMS SS	4	
2c	F756	5/16 18-8 SS Flat Washer 11/16 OD X .05"-.08" THK	4	
2d	F258	Lockwasher-5/16 S/S Split	4	
2e	F241	Nut 5/16-18 HEX SS	4	
3	4602687	Speaker	2	C
4	4602222	Control Panel, 2P Electric	1	
	4602225	Control Panel, 1P Gas	1	
5	1859606	Contact Block	1 per lane	C
6	1859607	Mounting Latch	2	C
7	1859605	Push Button Green	2	C
8	4604186	Service Kit - Control MCD Version, Software v4.0.3	2	C
9	4532040	USB Panel Mount Assy c/w Lock Nut	2	C
10	4532043	USB Cap	2	R

Item#	Part#	Description	Qty	Critical or Recommended
11a	4600614	Main Power Switch 250VAC 10A	1	C
11b	4523360	Switch Label	1	
12	4532675	Caster 1-1/2-12 Stem Sep. Swivel & Wheel Lock (front)	2	R
13	4532676	Caster 1-1/2-12 Stem Swivel Lock Only (rear)	2	R
16	4532769	Body Side, LT	1	
17	F298N	#10-24x 3/8 Shoulder Bolt Nickel Plated		
18	8003128	10-24 X 1/2IN S/S Trust Head Phillip MS	4	
19	4532764	Rear Panel Lower - 2P	1	
20	4600266	Slide-Cover Circuit Breaker		
21	4532765	Guide - Circuit Breaker Cover		
22	F588	Screw #10-24X1/2" Hex HD Type F S.N.#GARL92144		
23	4600960	Drip Channel Lower Back 2P		
24	4602047	Flue Top	4	
25	4602046	Flue Bottom	4	
26	4602036	Flue Box Main 24 (Gas Model Only)	1	
27	4600533	Rear Panel, Upper 2P (Gas Model Only)	1	

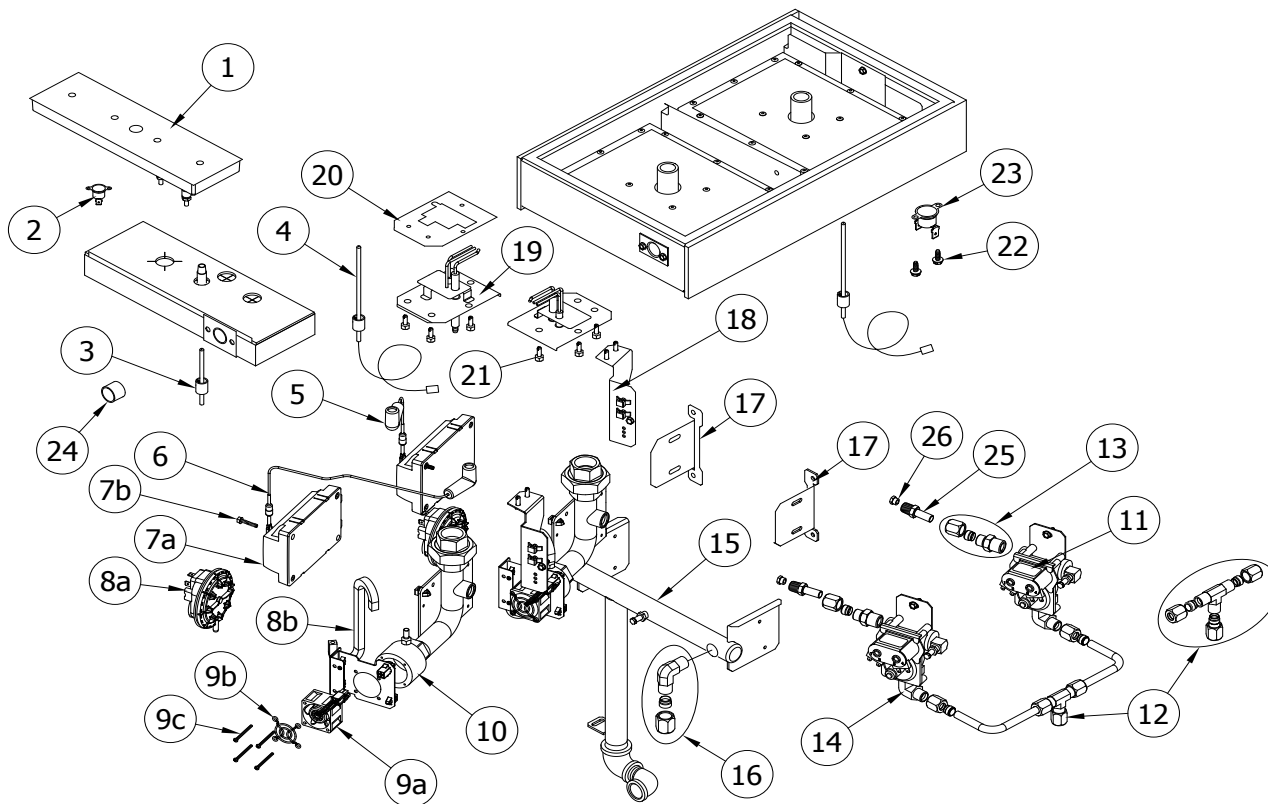
Two Plus One (3) Platen Grill External Parts



Item#	Part#	Description	Qty	Critical or Recommended
1	4532768	Body Side, RT	1	
2a	4602649	Towel Bar Assy 2&1	1	
2b	F711	5/16-18 X 5/8" FHMS SS	4	
2c	F756	5/16 18-8 SS Flat Washer 11/16 OD X .05"-.08" THK	4	
2d	F258	Lockwasher-5/16 S/S Split	4	
2e	F241	Nut 5/16-18 HEX SS	4	
3	4602687	Speaker	3	C
4	4602661	Control Panel Assembly - 3P 2&1 SC GAS	1	
	4602656	Control Panel Assembly - 2&1 SC WG ELE	1	
5	1859606	Contact Block	3	C
6	1859607	Mounting Latch	3	C
7	1859605	Push Button Green	3	C
8	4604186	Service Kit - Control MCD Version, Software v4.0.3	3	C
9	4532040	USB Panel Mount Assy c/w Lock Nut	3	C
10	4532043	USB Cable Assy Cover	3	R

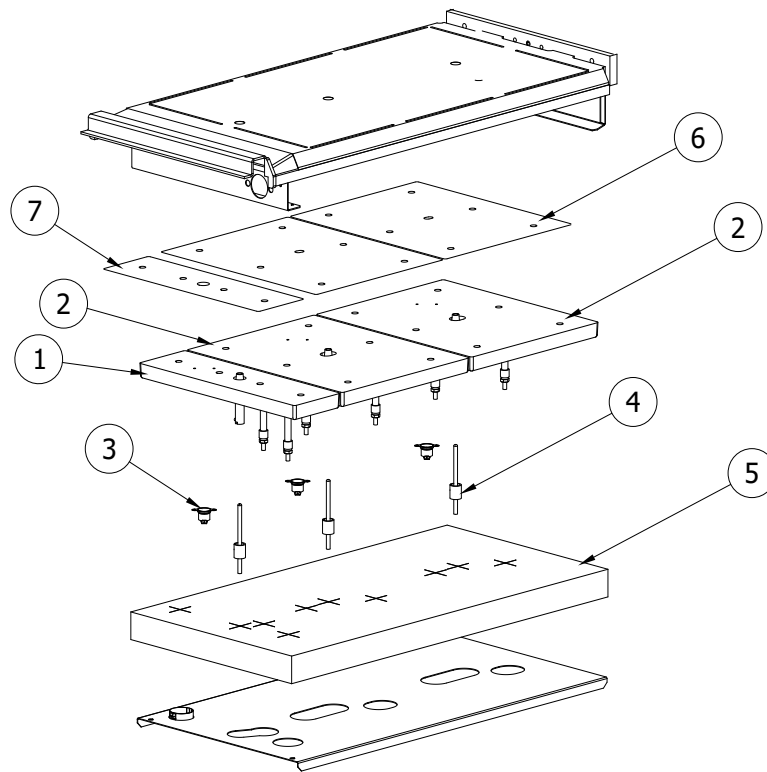
Item#	Part#	Description	Qty	Critical or Recommended
11a	4600614	Switch, Main Power w/Light	1	C
11b	4523360	Switch Label	1	
12	4532675	Caster 1-1/2-12 STEM SEP. SWIVEL & WHEEL LOCK	2	R
13	4532676	Caster 1-1/2-12 STEM SWIVEL LOCK ONLY	2	R
14	4601483	Adjustable Restraining Cable Assembly With Hardware (GAS)	1	
15	4601265	Gas QD & Shut Off Valve Assu 3/4IN	1	
16	4532769	Body Side Left Side	1	
17	F298N	10-24x 3/8 Shoulder Bolt Nickel Plated	4	
18	8003128	10-24 X 1/2IN S/S TH Phillip MS	4	
30	4602621	Upper Rear Panel 2&1 - Electric Version	1	
31	4600181	Rear Panel, Lower 1P	1	
32	4600959	Drip Channel Lower Back 1P	1	
33	4532764	Rear Panel, Lower 2P	1	
34	4600960	Drip Channel Lower Back 2P	1	
35	F588	Screw #10-24X1/2" Hex HD TYPE F		
36	4602622	Lower Rear Panel Filler 2&1	1	
37	4600266	Slide-Cover Circuit Breaker		
38	4532765	Guide - Circuit Breaker Cover		
39	4600522	Breaker Cover Plate		
45	4602047	Flue Exhaust Top	6	
46	4602046	Flue Exhaust Bottom	6	
47	4602750	Rear Panel Upper 2+1 Gas	1	
48	4602030	Flue Riser Front	6	
49	4602031	Flue Riser Back	6	
50	4602620	Upper Front Panel Foiller 2&1	1	
51	4602657	Chassis Front Filler 2&1 SC	1	
52	4600427	Greaser Drawer Assembly Middle - WG	1	
53	4600142	Ground Wire Front Panel	1	
54	4602636	Control Panel Mounting Bracket	2	

Bottom Grill Burner - All Models Gas



Item	Photo	Part#	Description	Qty per lane	Critical or Recommended
1		4532397	Front Heater Casting (small)	1	
2		4531977	Thermostat SPST (open on rise 500F, close 450F)	1	C
3	Photo	4600101	Grill Plate Thermocouple Electric	1	C
4	Photo	4600280	Grill Plate Thermocouple Gas	2	C
5	Photo	4600092	H.V. Cable Teflon Back, 90 Deg Rajah To 1/4 QC, 6.5in Long	1	C
6	Photo	4600067	H.V. Cable Teflon Front, 90 Deg Rajah To 1/4 QC, 14in Long	1	C
7a	Photo	4601966	Ignition Module 24VDC	2	C
7b		F741	#8-32X1.0" HWHMS Slotted 18/8 S/S (to mount ignition module)		
8a	Photo	4601975	Pressure Switch - Huba Model 605, N. OPEN, GREY, PR 0.15" W.C.	2	C
	Photo	4601145	Pressure Switch - Huba Model 605, N. OPEN, RED, PR 0.32" W.C. (CE Models)	2	C
8b		4601157	Tubing EPDM 3/16 ID, 3/8 SQ OD, 9.5in Long, Kink Resistant	2	
9a	Photo	4600056	Fan 40MM X 40MM X 28MM W/Lead Wires & Connector	2	C
9b	Photo	4600905	Guard Fan, Wire Form Style, STD 40MM Size	2	
9c		8003222	Screw	8	
10		4600064	Fan MTG Fitting W/Pressure Tap	2	
11	Photo	CK4600010B or S	Gas Valve W/Regulator, 24VDC Dual Coil (include item 12, 14, 13 & bracket)	2	C
12	Photo	4600541	Fitting Tee 3/8 Tube Steel Compression All Sides, C/W Sleeves & Nuts	1	R
13	Photo	4600539	Fitting Straight 3/8 NPT TO 3/8 Tube Steel Compression, C/W Sleeve & Nut	2	R
14	Photo	4600540	Fitting Elbow 3/8 NPT TO 3/8 Tube Steel Compression, C/W Sleeve & Nut	2	R
15		4600351	Manifold Assembly (1 platen)	1	
		4600378	Manifold Assembly (2 platen)	1	
16		4600547	Fitting Elbow 1/4 NPT TO 3/8 Tube Steel Compression, C/W Sleeve & Nut	2	R
17		4600680	Manifold Bracket	2	
18		4600021	Bracket Valve Hanger	2	
19	Photo	CK4603275	Electrode & Gasket Assembly	2	C
20	Photo	4602051	Electrode Gasket	2	
21		F588	Screw #10-24X1/2" Hex HD TYPE F S.N.#GARL92144	10	
22		F757	#6-32 X 3/8" Phillips Pan Screw	2	
23		4600483	Thermostat SPST (open on rise 500F, close 450F)	1	C
24		4600972	Window Plug Clear	1	
25		4600062	Orifice Adapter Fitting 1/4 NPT To 7/16 Tube	2	
26		4600260	Orifice Fitting 1.2mm	2	
		4600063	Orifice Fitting 1.5mm	2	

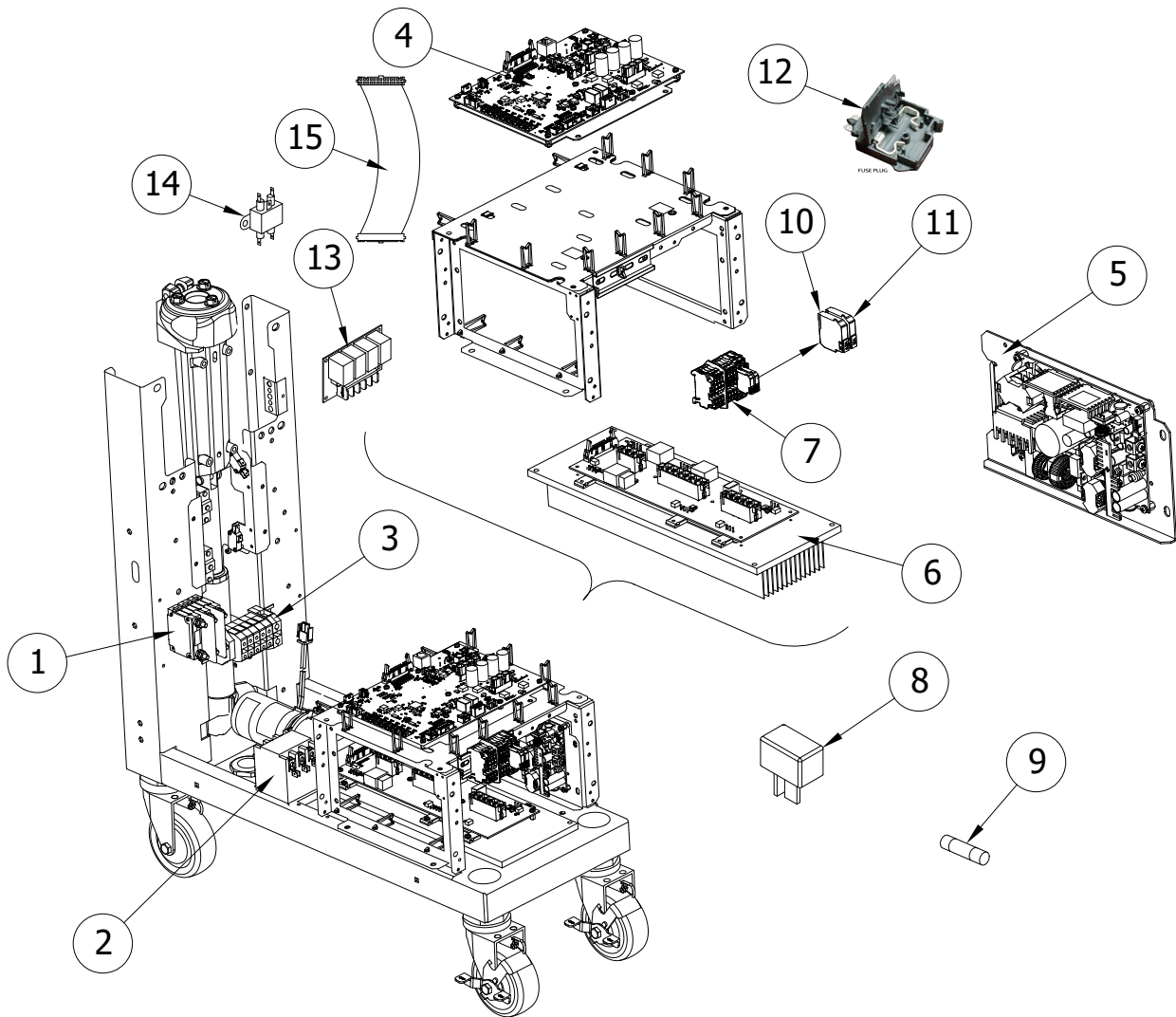
Bottom Grill Element - All Models Electric



Item#	Part#	Description	Qty per lane	Critical or Recommended
1	4532397	Front Heater Casting (small) (Note: replace item #7 also recommended)	1	
2	4532399	Middle/Rear Heater Casting (Large) (Note: replace item #6 also recommended)	2	
3	4531977	Thermostat SPST (open on rise 500F, close 450F)	3	C
4	4600101	Grill Plate Thermocouple Electric	3	C
5	4600202	Fibreglass Insulation 12"x22.5"	1	
6	4532400	Large T-GON Insulator Plate	2	
7	4532398	Small T-GON Insulator Plate	1	

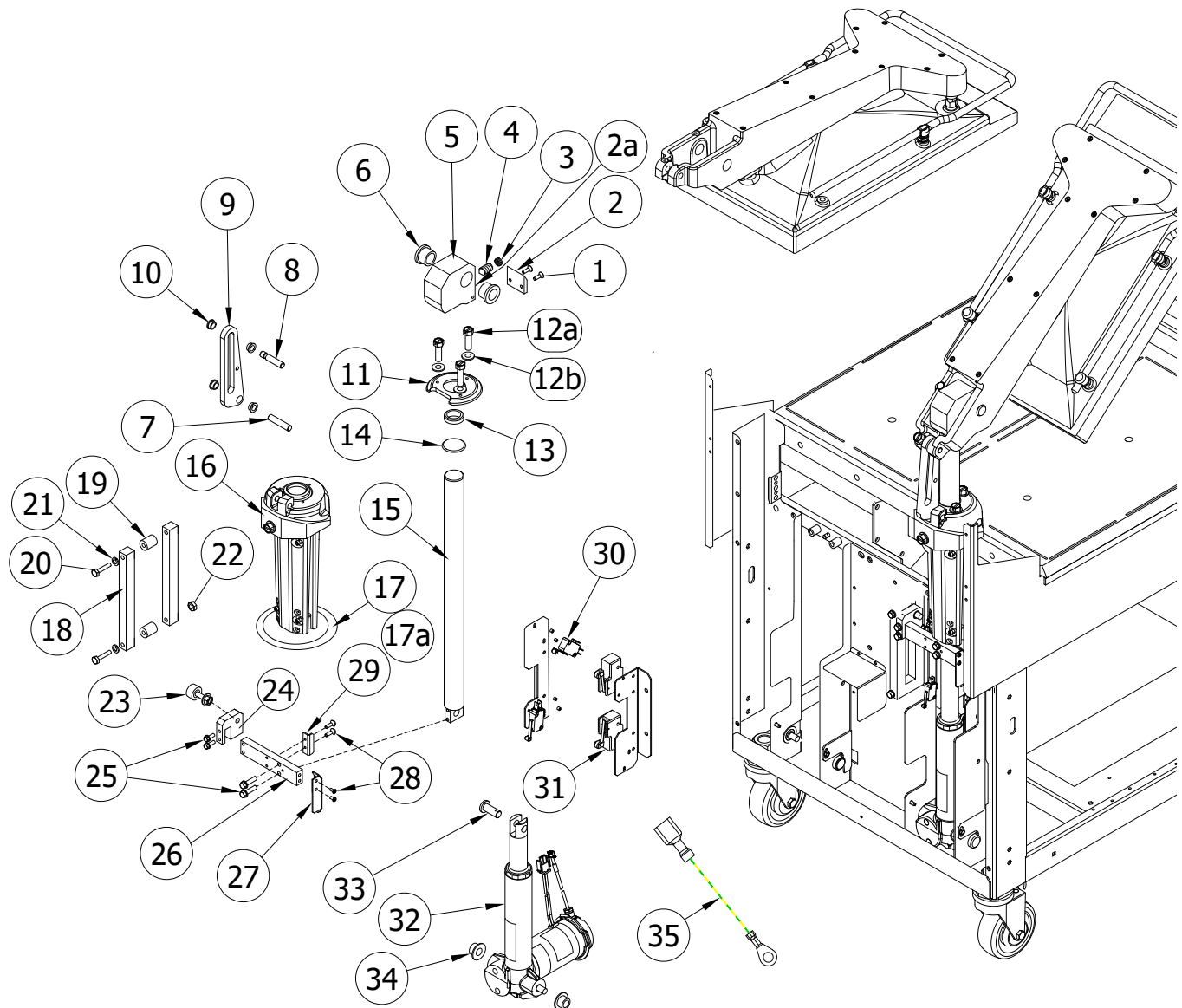
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Electronic Components - All Models



Item#	Photo	Part#	Description	Qty per lane	Critical or Recommended
1	Photo	4532382	Circuit Breaker 60A, Nader (3P)	1 per unit	R
	Photo	4600124	Circuit Breaker 32A, (White Handle) Nader (2P)	1 per unit	R
	Photo	4600125	Circuit Breaker 25A, (Yellow Toggle) Nader (1P)	1	R
	Photo	4600630	Circuit Breaker 40A, Nader	1	R
2	Photo	1637001	Contactor 120V Coil UL	1	C
	Photo	1637002	Contactor 240V Coil CE	1	C
3	Photo	4529170	Main Terminal Block CE	1 per unit	
	Photo	4600126	Main Terminal Block UL	1 per unit	
4	Photo	4603678	SERVICE KIT - SIB BOARD & MOUNT PLATE ASSY	1	C
5	Photo	4600838	Power Supply 24V Omron	1	C
6	Photo	4531775E	SSRB Heatsink Assembly	1	C
7	Photo	4600482	Terminal Block Control Power 10A UL	1	
	Photo	4600485	Terminal Block Control Power 6.3A (CE version)	1	
8	Photo	4531933	Diode - 15A	2	C
9	Photo	4600129	Fuse 5A (inside fuse holder)	1	C
10	Photo	4600637	Fuse 6.3A CE (fuse only, located inside the fuse holder of terminal block item 7)	2 per unit	C
11	Photo	4600638	Fuse 10A UL (fuse only, located inside the fuse holder of terminal block item 7)	2 per unit	C
12		4603965	Fuse Plug 5X20MM	2	
13	Photo	4603121	EMC Filter 3 Phase (CE models)	1 per unit	C
14	Photo	4601719	Power Inlet Line Filter (CE models)	1 per lane	C
15	Photo	4600613	26 Pin Ribbon Cable	1 per lane	C

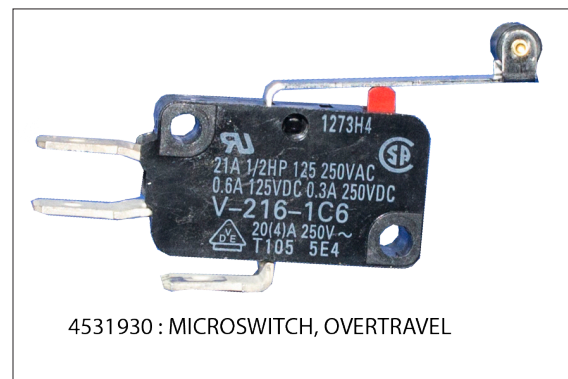
Shaft Mechanism - All Models



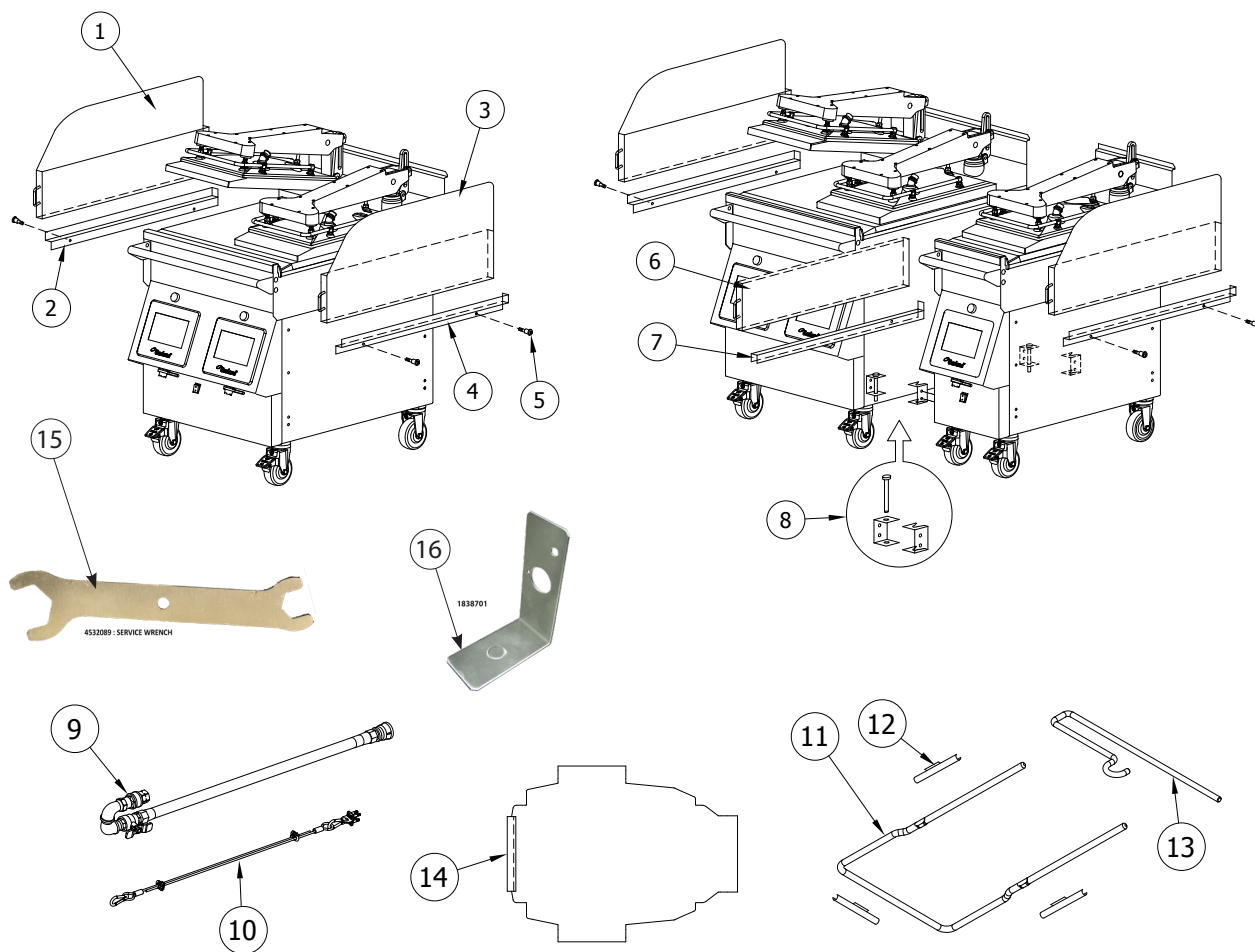
Item#	Photo	Part#	Description	Qty per lane	Critical or Recommended
1		F655	#10-32 UNF Flat Socket Head Machine Screw	2	
2		4600618	Wear Pad, Pearl	1	
2a		4603099	Shim Kit (knuckle)	1	
3		F764	Black Alloy Steel Hollow-Lock Set Screw, 1/2"-13 Thread, 1/4" Long	1	
4		F721	High Hold Cone Point Set Screw 1/2-13X1"	1	
5		4600617	Carriage Block, Base	1	
6		4532752	A200 - Flange Bearing, IN	2	R
7		4600631	Shaft Tube / Link Pin, Pearl	1	
8		4600569	Arm Link Pin, Pearl	1	
9		4532732	Pivot Link Machined	1	
10		4532733	Pivot Link Bearing 3/8" X 1/4" FL	4	
11		4532393	Seal Cap	1	R
12a		F801	Screw #8-32X3/4L 18-8 Trim Hex Head M/S	3	R
12b		2213012	Washer #8 SS	3	R

Item#	Photo	Part#	Description	Qty per lane	Critical or Recommended
13		4532394	Shaft Seal	1	C
14		4600605	O-Ring	1	C
15		4600620	1-1/4 Shaft	1	
16		4601874	Shaft Tube with Bearings	1	
17		4600477	Seal, Shaft Tube to Backsplash (White) Before s/n 18071001xxxxx	1	
17a		4603299	Seal, Shaft Tube to Backsplash (Black) After s/n 18071001xxxxx	1	
18	Photo	4600624	Anti-Rotate Guide Block, Pearl	1	
19		4600629	Anti-Rotate Spacer Block, Pearl		
20		F771	1/4-20 X 3" CAP Screw GR. 5 ZP		
21		8000203	Lockwasher-split 1/4X1/2X1/16 STL ZP		
22		F86	Nut-1/4-20 W/StarWasher K-LOK		
23		4600707	Eccentric 7/8" Cam Follower	1	
		F112	Washer -3/8IN SAE Steel Zinc CHR	1	
		F576	18-8 SS 3/8-24 HEX JAM NUT	1	
24		4600623	Cam Follower Block	1	
25		F765	1/4"-20 X 1" GR. 8 Hex HD Cap Screw ZP	4	
		F255	Lockwasher -1/4 S/S Split	4	
26		4600622	Cross Bar	1	
27	Photo	4603434	Home Switch Activation Bracket	1	
28		F162	Screw-6-32 X 1/4" Phillips Pan S/S	4	
29		4532760	Bracket, Pin Keeper	1	
30		4531930	Micro-switch, Over-travel	2	C
31		4600616	Limit Switch, Snap Action, Short Hinge Roller Lever	2	C
32		4603129	Actuator Assembly, NORGREN	1	C
33		F759	Clevis Pin, M12 DIA., 30MM LG, 23MM Usable LG	1	
34		4600863	Igus Flange Bearing GFI-1214-08 3/4 X 1/2	2	
35		4601816	Ground Wire Actuator	1	

* Not Illustrated



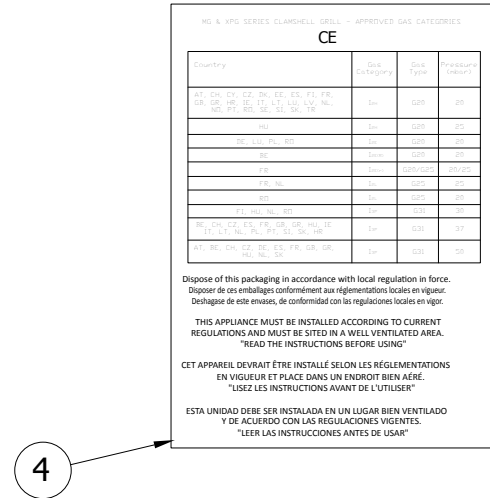
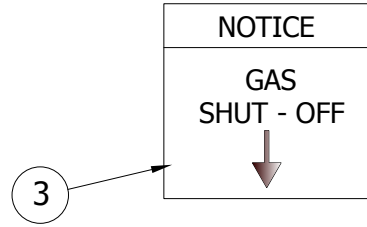
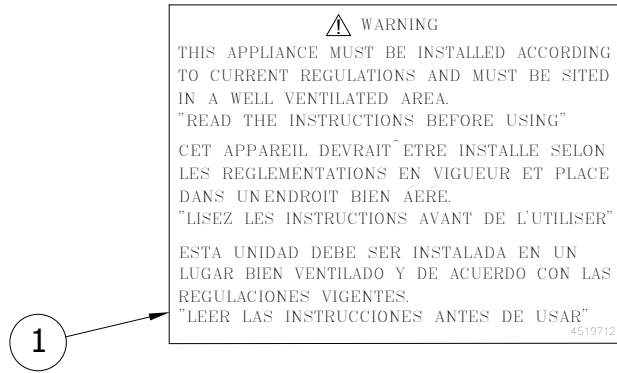
Accessories - All Models



Item#	Part#	Description	Qty	Critical or Recommended
1	4600418	Grease Drawer Assembly Left WG	1	
2	4600415	Grease Drawer Slide Left - WG	1	
3	4600411	Grease Drawer Assembly Right WG	1	
4	4600416	Grease Drawer Slide Right WG	1	
5	F298N	Shoulder Bolt Nickel Plated	4	
6	4600427	Grease Drawer Assembly Middle - WG	1	
7	4600417	Grease Drawer Slide Middle - WG	1	
8	4601744	Two & One Hardware PKG	1	
9	4601265	Gas QD & Shut Off Valve Assy 3/4in (2 & 3 Platen Gas Model Only)	1	R
	4601266	Gas QD & Shut Off Valve Assy 1/2in (1 platen Gas Model Only)	1	R
10	4601483	Adjustable Restraining Cable Assembly with Hardware (Gas Model Only)	1	
11	4600597	U-Bar - WG, Pearl	1 per lane	
12	4527294	Teflon Sheet Clip	3 per lane	R
13	4600722	Teflon Rear Loop Hanger	1 per lane	R
14	4600290	Teflon Sheet - McDonald's (Box of 6 sheets)	1 sheet per lane	R
15	4532089-GAR	Service Wrench	1	
16	1838701	Platen Levelling Tool	1	

* Not Illustrated

Information / Warning Stickers



Item#	Part#	Description	Qty	Critical
1	4519712	Label - CE Warning	1	
2	4522374	Label, Pull Plugs	1	
3	4527792	Label, Gas Shut-Off	1	
4	4601259	Label CE Gas Pearl Clamshell	1	
5*	4518261	Label Cert.Row	1	
6*	1876901	Warranty Label	1	
7*	1167800	Label Disconnect From Dual	1	
8*	1286000	Label Use Only Leg or Casters	1	
9*	G01648-5	Disconnect Label	1	
10*	1739401	Label Warning Improper	1	
11*	2390100	Gas - Caster Mounting Label	1	
12*	M325	Tag, Fuel Type	1	

* Not Illustrated

Note: Stickers should not be removed under any circumstance, if sticker is damaged replace it immediately.

Electrical Schematic Diagrams - All Models

Electrical schematic diagrams are combined by lanes, right, middle and left lanes. For 1 platen, total of one electrical schematic sheet, 2 platen, total of two electrical schematic sheets.

McD Electric (WYE connection)

	Part#	Description
1 PLATEN	4532844	1 Platen - ME12 WYE
2 PLATEN	4532845	2 Platen - ME24 WYE
	4532857	2 Platen - ME24 WYE, 2 inputs
3 PLATEN	4532846	3 Platen - ME36 WYE
	4532858	3 Platen - ME36 WYE, 2 inputs
	4532859	3 Platen - ME36 WYE, 3 inputs

McD Gas (WYE connection)

	Part#	Description
1 PLATEN	4532847	1 Platen - MG12 WYE
2 PLATEN	4532848	2 Platen - MG24 WYE
3 PLATEN	4532849	3 Platen - MG36 WYE

McD Electric (DELTA connection)

	Part#	Description
1 PLATEN	4532850	1 Platen - ME12 DELTA
2 PLATEN	4532851	2 Platen - ME24 DELTA
	4532860	2 Platen - ME24 DELTA, 2 inputs
3 PLATEN	4532852	3 Platen - MG36 DELTA, 2 inputs

McD Gas (DELTA connection)

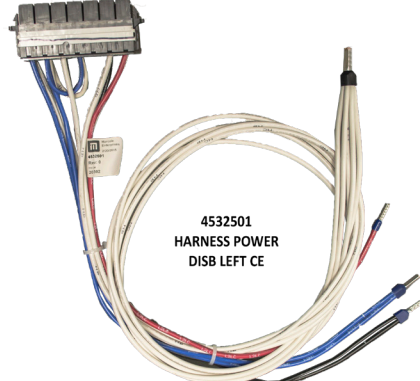
	Part#	Description
1 PLATEN	4532853	1 Platen - MG12 DELTA
2 PLATEN	4532854	2 Platen - MG24 DELTA
3 PLATEN	4532855	3 Platen - MG36 DELTA
	4602716	3 Platen - ME36 DELTA, 2 inputs

* Electrical schematic diagrams are not illustrated.

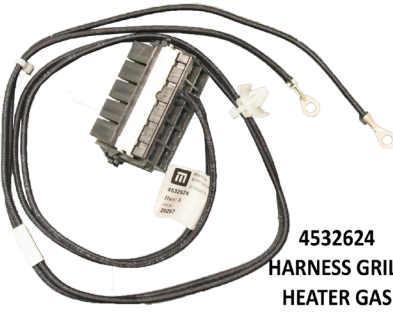
Wiring Harnesses - All Models

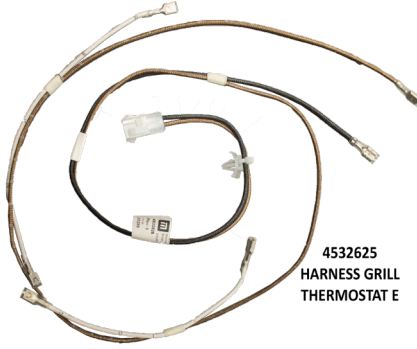
Electrical wiring harnesses are combined by zones, left, middle and right lanes.

 4532490 HARNESS POWER DISB L UL (left)	 4532489 HARNESS POWER DISB M UL (middle)
4532490 : HARNESS POWER DISB L (left) UL From: SSRB Heatsink To: Power Supply	4532489 : HARNESS POWER DISB M (middle) UL From: SSRB Heatsink To: Power Supply
	1 platen (middle)
2 platen (left)	2 platen (middle)
3 platen (left)	3 platen (middle)

 4532501 HARNESS POWER DISB LEFT CE	 4532500 HARNESS POWER DISB MIDDLE CE	
4532501 : HARNESS POWER DISB L (left) CE From: SSRB Heatsink To: Power Supply	4532500 : HARNESS POWER DISB M (middle) CE From: SSRB Heatsink To: Power Supply	
	1 platen (middle)	
2 platen (left)	2 platen (middle)	

Wiring Harnesses - All Models

 4532622 HARNESS GRILL LIMIT SW. G	 4532626 HARNESS GRILL HEATER (Electric)	 4532624 HARNESS GRILL HEATER GAS
4532622 : HARNESS GRILL LIMIT SW. G From: Thermostat To: Main harness	4532626 : HARNESS GRILL HEATER E From: To:	4532624 : HARNESS GRILL HEATER GAS From: To:
1, 2 & 3 platen gas only	1, 2 & 3 platen electric only	1, 2 & 3 platen gas only

 4532625 HARNESS GRILL THERMOSTAT E	4532701:HARNESS MAIN McD 
4532625 : HARNESS GRILL THERMOSTAT E From: To:	4532701:HARNESS MAIN McD
1, 2 & 3 platen electric only	

AMENDMENTS McDonald's Pearl Part List

Rev	Page	Item#	Description	Writer	Date
Rev 0			New part list manual	CM	Nov 7/16
Rev 1	8	8a	Part number removed: 4601161 : Pressure Switch - Huba 604, 0.08 - 1.2"W.C. ADJ. Range, W Mtg Bracket. Replaced by: 4601975 & 4601145.	CM	Dec 2/16
Rev 2	11,12		Part number removed: Item 19 was 4532755 Anti-Rotate Assembly. no longer valid the assembly, parts listed separated.	CM	Jan 6/17
		19to25	New part numbers added		
			Replaced the front page photo of 2+1 model to 1 platen		
Rev 3	5	8 9	CK prefix added at front - was 4600590 CK prefix added at front - was 4600591	CM	Feb 2/17
	6,7	8	Replaced part number 4601947 by CK4602439 (User Interface Assembly)		
	5 8	2,8,9,10 7a	Digital photo added into part list manual.		
	8	19	CK prefix added at front - was 4602052 (Electrode & Gasket Assembly)		
Rev 4	5	8	Part number deleted - was item 24. 4600396 : Platen - Cowl Assembly WG	CM	Mar 7/17
	5	8	New part number added CK4600396 : Complete Assembled Platen - Cowl Assembly with Conduit - WG CK4602048 : Complete Assembled Platen - Cowl Assembly - WG		
			Change Manitowoc logo to Welbilt - front and back page.		
	15		New part number for all the 3 platen electrical schematic diagrams page # 15.		
Rev 5	5	7	Split item 7 to 7a and 7b. 7b is a new part number added. 4600586	CM	Mar 10/17
	6,7	8	Replaced part number CK4602439 by CK4601735 (User Interface Assembly).		
Rev 6	10	14	New part number added 4600613 : 26 Pin Ribbon Cable	CM	May 17/17
			DRAFT word deleted from front page		
no revision correction	13	14	4600290 Teflon Sheet - McDonald's (Box of 6 sheets) (Box of 6 sheetts) note added.	CM	June 15/17
Rev 7	6	13a	was 13	CM	June 26/17
		13a 13b	new part numbers added		
			Photo column added		

Rev 8	10	4	CK prefix added at front - was 4601832 (SIB & Mount Plate Assembly)	CM	Aug 1/17
	11	12a	Part number changed. was F700 : #8-32 X 3/4" Hex Washer Head Screw, 18-8 SS		
		12b	New part number added. new part number: 2213012 : Washer #8 SS		
	12	18	Part number deleted and replace by the one below, not offer as an assembly. was 4600721 : Anti-Rotate Guide Channel Assembly		
			new part number added. was 4600624 : Anti-Rotate Guide Block, Pearl		
		19	new part number. 4600629 : Anti-Rotate Spacer Block, Pearl		
		20	new part number. F771 : 1/4-20 X 3" CAP Screw GR. 5 ZP		
		21	new part number. 8000203 : Lockwasher-split 1/4X1/2X1/16 STL ZP		
Rev 9	4	1b	was item #1, 4532736 (Platen Arm Cover, Pearl) obsolete new item #1 split into 1a & 1b.		Jan 9/18
		1a & 1b	new part number. 4602852 & 4602850 : Platen Arm Cover (McDonald's use two plates)		
		17b	new part number: F800 Screw		
		28	new part number. 4601707 : Label - ISO CAUTION HOT		
	5	11	Part number replaced: was : 4600645 : Cowl Access Lid, Pearl		
	6	14	Part number removed. 4600955 Weight Box Assy 1P		
	6,7	11a	was item number 11		
	6,7	11b	new part number added: 4523360 Switch Label		
	12	35	new part number added: 4601816 Ground Wire Actuator		

Rev 10	5,6	3b	new part number added: 4603414 : Platen Arm WG, W/2 Front Adjustable Bushings	CM	May 29/18
		19a	new part number added: F162 : Screw-6-32 X 1/4" Phillip Pan S/S		
		20a 20b	Part number removed and replace by the new numbers added below 8003219 : Mscr-Ph-Phillip 8-32x1/2STL ZP New part number added: F846 : #8-32 X 1.5" Long 18-8 S/S Pan HD M/C Screw F847 : Spacer 1/4"OD X 1.0" Long For #8 Screw, Alum, Unthrded		
		28	new part number added: 4603381 : Arm Support Bushing		
		31	new part number added: CK4600571 : Arm Auto-Level Motor Assembly		
	11	12	Part number removed and replace by the new numbers added below 4601675 EMC Filter 3 Phase (CE models) New part number added: 4603121 : EMC FILTER 3 PHASE		
	13	27	Part number removed and replace by the new numbers added below 4600636 : SPEAKER, 4 WATTS SMT New part number added: 4602687 : Home Switch Activation Bracket		
Rev 11	7,9	3	Part number removed and replace by the new numbers added below 4523482 : Speaker, 4 Watts SMT New part number added: 4602687 : SPEAKER	CM	Dec 3/18
	11&12		New exploded view added Two Plus One (3) Platen Grill External Parts		
	7,9,11	8	Part number removed and replace by the new numbers added below CK4601735 User Interface Assembly New part number added: 4603859 Service Kit - Control MCD Version, Software v4.0.3		
	4,5	32,33,34	New part number added: 4603055 : Screw - Captive Screw 4602711 : Arm Cover, Cast 4601962 : Seal, Platen Arm Cover, Black		
	4	3c	New part number added: 4602443 : Platen Arm W/Bushings		
Rev 12	15	4	Part number removed and replace by the new numbers added below CK4601832 SIB & Mount Plate Assembly New part number added: 4603678 SERVICE KIT - SIB BOARD & MOUNT PLATE ASSY	CM	Dec 19/18
Rev 13	4&5	13, 14	Old Part number - old part number remains for support 4600619 : Pin Pivot, 4600569 : Arm Link Pin New part number added: 4603326 : PIN, ARM/KNUCKLE JOINT PEARL, 4602162 : ARM LINK PIN, SNG F843 & F753	CM	Mar 7/19
Rev 14	17	32	Part number removed and replace by the new numbers added below 4600170 : Actuator Assembly - SKF New part number added: 4603129 : Actuator Assembly - NORGREN	CM	June 12/19
Rev 15	14	6 7	New part number added: 4532400 : LARGE T-GON INSULATOR PLATE 4532398 : SMALL T-GON INSULATOR PLATE	CM	Aug 29/19

Rev 16	15	12	New part number added: 4603965 : Fuse Plug 5X20MM	CM	Sep 13/19
	22		New part number added: 4532701:HARNESS MAIN McD		
Rev 17	4	2	Was part number 4600481 Now part number 4603221	CAM	Jun 23/20
		3a	Removed		
		3b	Removed		
		3c	Now Item 3 Was part number 4602443 Now part number 4603424		
	6	4	Was part number 4532744 Now part number 4604267		
		6	Was part number 4600584 Now part number 4601963		
		11	Part number changed to 4602855 up to s/n 19041001xxxxx and 4602712 from s/n 19051001xxxxx		
	7	16	Part number changed to CK4600725 up to s/n 19041001xxxxx and CK4603291 from s/n 19051001xxxxx		
		21	Part number changed to F717 up to s/n 19041001xxxxx and 4603166 from s/n 19051001xxxxx		
		24	Was part number CK4600396 Now part number CK4604091		
	8	8	Was part number 4603859 Now part number 4604186		
	10	8	Was part number 4603859 Now part number 4604186		
	12	8	Was part number 4603859 Now part number 4604186		
	14	11	Was part number CK4600010 Now part number CK4600010B or S		

[illegible]



