



Replacement Parts List

PARTS & SERVICE DEPARTMENT

Nashville, Tennessee

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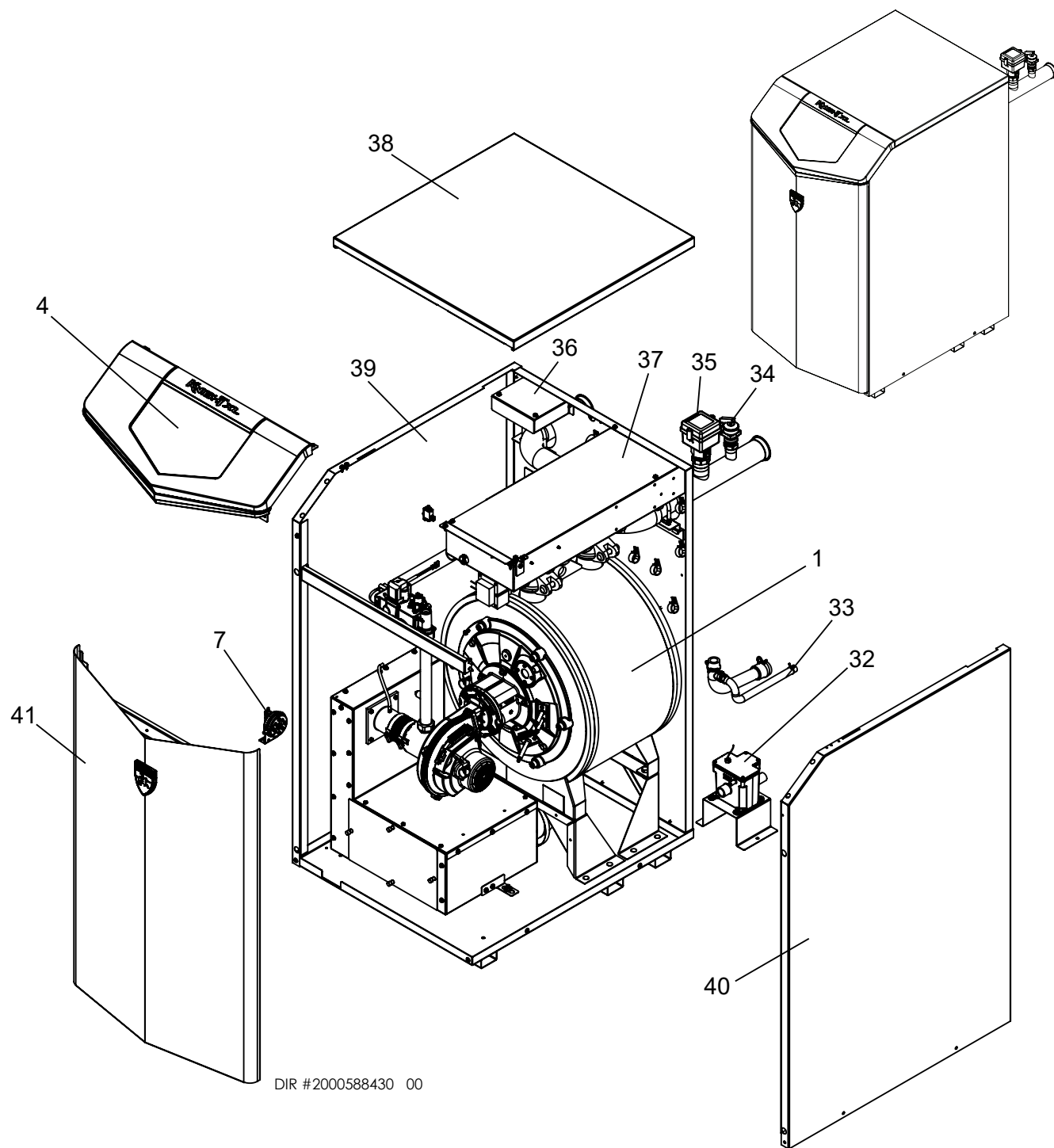
parts_team@lochinvar.com

www.Lochinvar.com

Knight XL Condensing Boiler

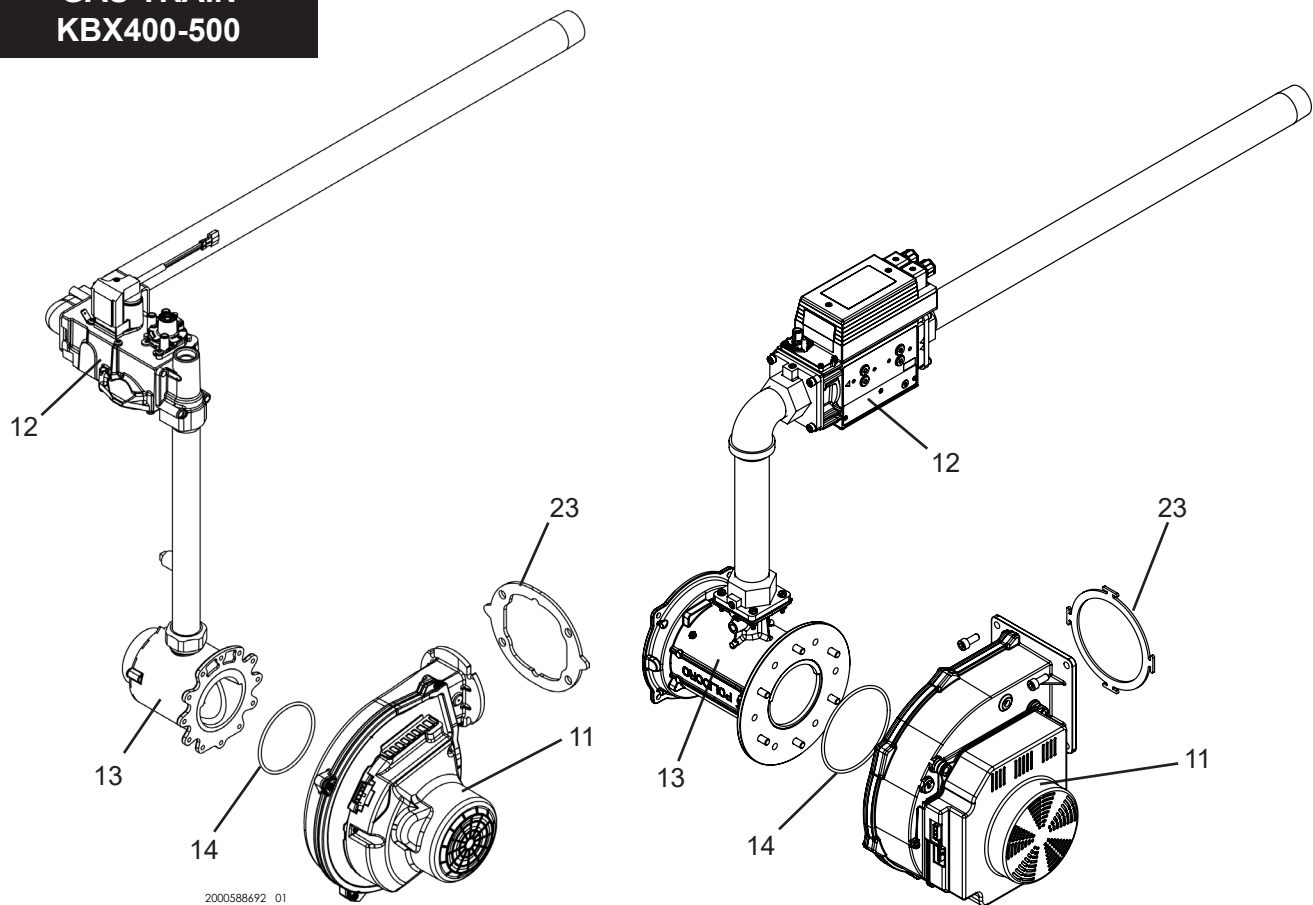
KBX0400 - 0500 Series 100 & 101

KBX0650 - 1000 Series 110 & 111



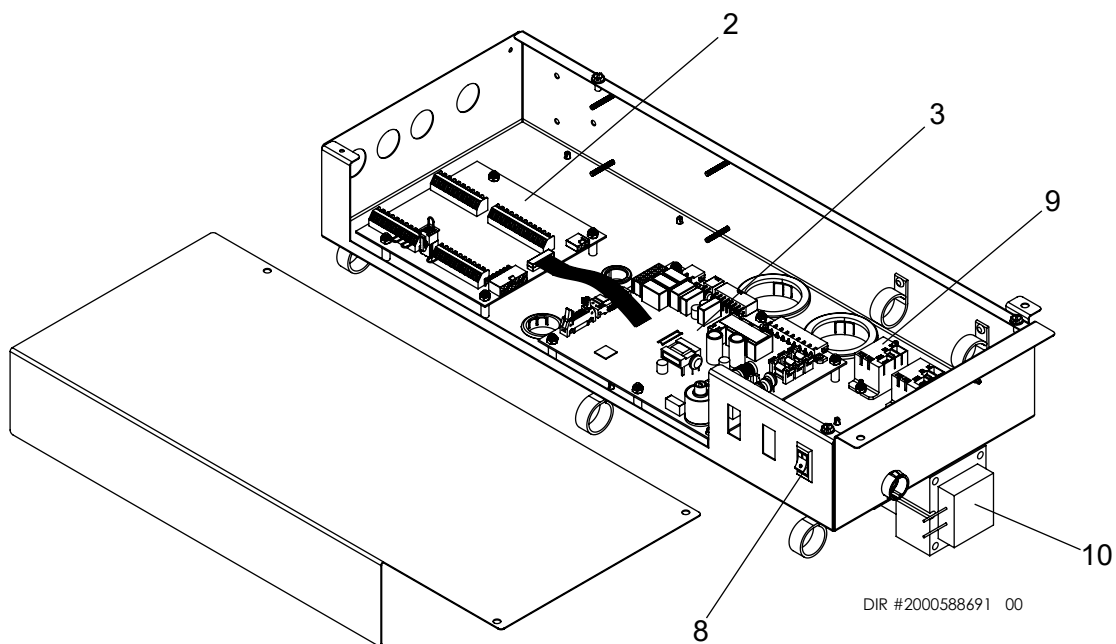
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GAS TRAIN KBX400-500

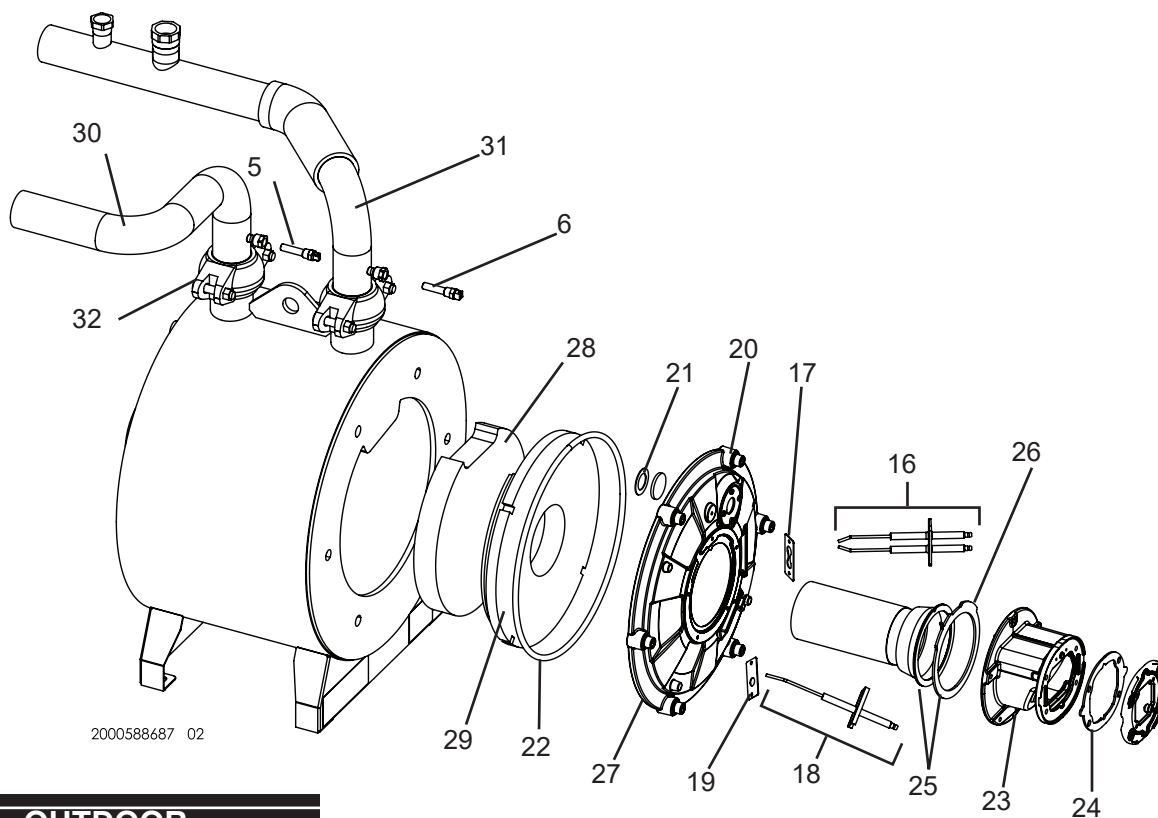


GAS TRAIN KBX0650-1000

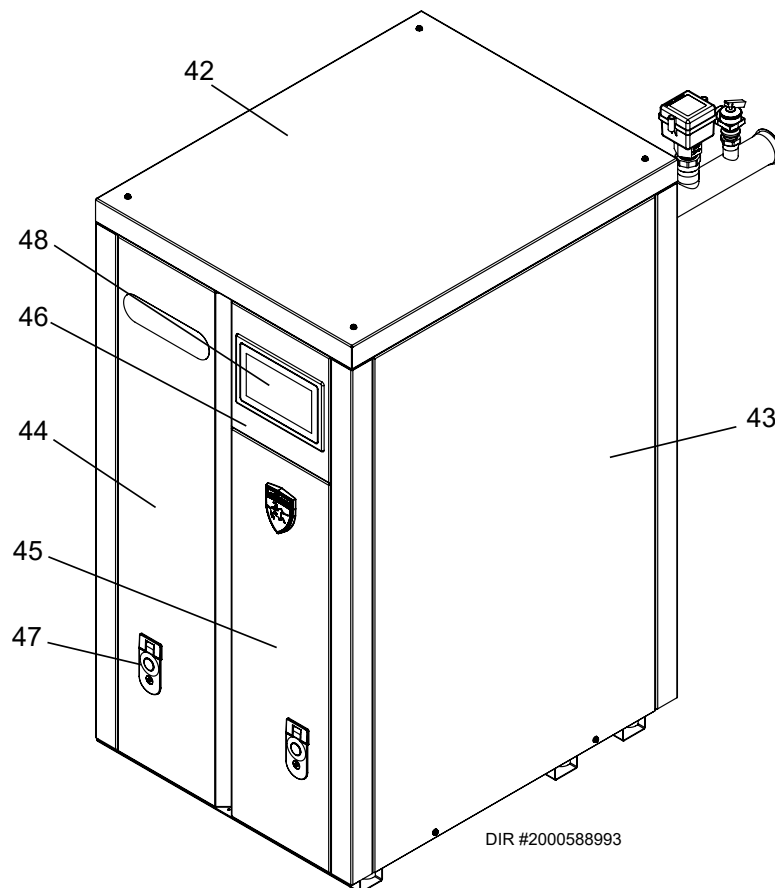
CONTROLS



HEAT EXCHANGER



OUTDOOR



ITEM NO.	PART NO.	DESCRIPTION	MODEL
HEAT EXCHANGER ASSEMBLIES			
1	100330273	HEAT EXCHANGER ASSEMBLY	KBX0400
1	100330274	HEAT EXCHANGER ASSEMBLY	KBX0500
1	100330275	HEAT EXCHANGER ASSEMBLY	KBX0650
1	100330276	HEAT EXCHANGER ASSEMBLY	KBX0800
1	100330277	HEAT EXCHANGER ASSEMBLY	KBX1000
CONTROLS			
2	100208459*	LOW VOLTAGE CONNECTION BOARD, PRIOR SERIAL #2148	ALL
2	100351933	LOW VOLTAGE CONNECTION BOARD, BEG SERIAL #2148	ALL
3	100330278*	CONTROL BOARD - MAIN	KBX0400
3	100334032*	CONTROL BOARD - MAIN	KBX0500
3	100334033*	CONTROL BOARD - MAIN	KBX0650
3	100334034*	CONTROL BOARD - MAIN	KBX0800
3	100334035*	CONTROL BOARD - MAIN	KBX1000
3	100357494	CONTROL BOARD - MAIN - HIGH ALTITUDE	KBX0400
3	100357495	CONTROL BOARD - MAIN - HIGH ALTITUDE	KBX0500
3	100357496	CONTROL BOARD - MAIN - HIGH ALTITUDE	KBX0650
3	100357497	CONTROL BOARD - MAIN - HIGH ALTITUDE	KBX0800
3	100357499	CONTROL BOARD - MAIN - HIGH ALTITUDE	KBX1000
3	100334586	CONTROL BOARD - MAIN, OUTDOOR	KBX0400-O
3	100334587	CONTROL BOARD - MAIN, OUTDOOR	KBX0500-O
3	100334589	CONTROL BOARD - MAIN, OUTDOOR	KBX0650-O
3	100334590	CONTROL BOARD - MAIN, OUTDOOR	KBX0800-O
3	100334611	CONTROL BOARD - MAIN, OUTDOOR	KBX1000-O
3	100357486	CONTROL BOARD - MAIN - HIGH ALTITUDE, OUTDOOR	KBX0400-O
3	100357487	CONTROL BOARD - MAIN - HIGH ALTITUDE, OUTDOOR	KBX0500-O
3	100357489	CONTROL BOARD - MAIN - HIGH ALTITUDE, OUTDOOR	KBX0650-O
3	100357492	CONTROL BOARD - MAIN - HIGH ALTITUDE, OUTDOOR	KBX0800-O
3	100357493	CONTROL BOARD - MAIN - HIGH ALTITUDE, OUTDOOR	KBX1000-O
4	100330279*	DISPLAY ASSEMBLY INTERFACE	ALL
5	100208563*	SENSOR, INLET	ALL
6	100208558*	SENSOR, OUTLET	ALL
-	100330186*	SENSOR, FLUE W/ GROMMET	ALL
7	100208381*	SWITCH, AIR PRESSURE (NO SWITCH FOR 500, 650, OR 1000 MODELS)	KBX0400 & KBX0800
8	100208242	SWITCH, POWER ON/OFF	ALL
9	100208509	PUMP RELAY	ALL
10	100340202	TRANSFORMER, 120 X 24V, 100VA, 50/60 HZ	ALL
GAS TRAIN			
11	100330187	FAN W/ GASKETS	KBX0400-0500
11	100330188	FAN W/ GASKETS	KBX0650-0800
11	100330189	FAN W/ GASKETS	KBX1000
12	100330192	GAS VALVE W/ GASKET	KBX0400-0500
12	100381188	GAS VALVE W/ FLANGES	KBX0650-KBX1000
13	100330194	VENTURI W/ GASKET (NATURAL GAS)	KBX0400
13	100330195	VENTURI W/ GASKET (NATURAL GAS)	KBX0500
13	100330196	VENTURI W/ GASKET (NATURAL GAS)	KBX0650
13	100330197	VENTURI W/ GASKET (NATURAL GAS)	KBX0800
13	100330199	VENTURI W/ GASKET (NATURAL GAS)	KBX1000
14	100208761	GASKET, VENTURI	KBX0400-0500
14	100233705	GASKET, VENTURI	KBX0650-0800
14	100233698	GASKET, VENTURI	KBX1000
-	100288880	O-RING, GAS VALVE	KBX0400-0500
-	100288899	GASKET, G-NUT	KBX0400-0500
PLEASE HAVE SERIAL NUMBER AVAILABLE WHEN ORDERING PARTS			
*ITEMS DENOTE SUGGESTED INVENTORY PARTS			

ITEM NO.	PART NO.	DESCRIPTION	MODEL
GAS TRAIN (CONTINUED)			
-	100208105	GASKET, GAS VALVE / VENTURI, CORK	KBX0650-1000
IGNITION & BURNER ASSEMBLIES			
15	100368946*	IGNITOR W/ GASKET & SCREWS	ALL
16	100297133*	GASKET, IGNITOR	ALL
17	100330200*	FLAME SENSOR W/ GASKET & SCREWS	ALL
18	100330341*	GASKET, FLAME SENSOR	ALL
19	100330201	SIGHT GLASS	ALL
20	100297136	GASKET, SIGHT GLASS	ALL
21	100330202	GASKET, DOOR, ROPE	ALL
22	100330209	INTAKE MANIFOLD, HEX, INLET	KBX0400-0500
22	100330203	INTAKE MANIFOLD, HEX, INLET	KBX0650-0800
22	100330204	INTAKE MANIFOLD, HEX, INLET	KBX1000
23	100330206	INTAKE MANIFOLD GASKET	KBX0400-0500
23	100330207	INTAKE MANIFOLD GASKET	KBX0650-0800
23	100330208	INTAKE MANIFOLD GASKET	KBX1000
24	100330210	BURNER W/ GASKETS	KBX0400
24	100330211	BURNER W/ GASKETS	KBX0500
24	100330212	BURNER W/ GASKETS	KBX0650
24	100330213	BURNER W/ GASKETS	KBX0800
24	100330214	BURNER W/ GASKETS	KBX1000
25	100330215*	GASKET, BURNER	ALL
26	100330216	DOOR, BURNER	ALL
MISCELLANEOUS			
27	100330218	INSULATION, DEFLECTOR	ALL
28	100330217	INSULATION, BURNER DOOR	ALL
-	100330219	GASKET, FLUE OUTLET	KBX0400-0500
-	100330220	GASKET, FLUE OUTLET	KBX0650-1000
-	100330315	FLUE CLAMP RING	KBX0400-0500
-	100330314	FLUE CLAMP RING	KBX0650-1000
29	100330223	WATER PIPE, INLET	KBX0400-0800
29	100330224	WATER PIPE, INLET	KBX1000
30	100330225	WATER PIPE, OUTLET	KBX0400
30	100330226	WATER PIPE, OUTLET	KBX0500
30	100330227	WATER PIPE, OUTLET	KBX0650
30	100330229	WATER PIPE, OUTLET	KBX0800
30	100330230	WATER PIPE, OUTLET	KBX1000
31	100330232	COUPLING, WATER PIPE	ALL
32	100330233	CONDENSATE TRAP ASSEMBLY	ALL
33	100330234	HOSE, CONDENSATE TRAP	ALL
34	100208454	VALVE, RELIEF - 50 PSI	KBX0400-0650
34	100208442	VALVE, RELIEF - 50 PSI	KBX0800-1000
-	100208834	SENSOR, OUTDOOR	ALL
35	100335986	FLOW SWITCH, W/ PADDLE #2	ALL
-	100330235	HARNESS, SPARK IGNITOR	ALL
-	100208622	HARNESS, FLAME SENSOR	ALL
-	100330236	HARNESS, ELECTRODE, GROUND	ALL
-	100330237	HARNESS, COMMUNICATION CABLE	ALL
-	100376312	HARNESS, WIRE, PANEL	KBX0400-0800
-	100376313	HARNESS, WIRE, PANEL	KBX1000
-	100376314	HARNESS, SENSOR	ALL
-	100208808*	FUSE, 0.8A / 250V	ALL
-	100297121*	FUSE, 3.15A / 250V	ALL
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ITEM NO.	PART NO.	DESCRIPTION	MODEL
MISCELLANEOUS (CONTINUED)			
-	100290102*	FUSE, 6.30A / 250V	ALL
-	100233577	AIR FILTER	ALL
-	100371406	DISPLAY TAPE SERVICE KIT	ALL
JACKET ASSEMBLIES			
-	100302180	LATCH, COMPRESSION	KBX1000
36	100335982	COVER, JUNCTION BOX	ALL
37	100335985	COVER, CONTROL	ALL
38	100330328	JACKET, TOP	KBX0400-0500
38	100330329	JACKET, TOP	KBX0650-0800
38	100330330	JACKET, TOP	KBX1000
39	100330331	JACKET, LEFT SIDE	KBX0400-0500
39	100330332	JACKET, LEFT SIDE	KBX0650-0800
39	100330336	JACKET, LEFT SIDE	KBX1000
40	100330337	JACKET, RIGHT SIDE	KBX0400-0500
40	100330333	JACKET, RIGHT SIDE	KBX0650-0800
40	100330334	JACKET, RIGHT SIDE	KBX1000
41	100330335	JACKET, FRONT	ALL
OPTION KITS			
-	100330250	KIT, OUTDOOR	KBX0400-0500
-	100361244	KIT, OUTDOOR	KBX0650-1000
-	100330251	KIT, LP CONVERSION (W/ LP VENTURI)	KBX0400
-	100330252	KIT, LP CONVERSION (W/ LP VENTURI)	KBX0500
-	100330253	KIT, LP CONVERSION (W/ LP VENTURI)	KBX0650
-	100330254	KIT, LP CONVERSION (W/ LP VENTURI)	KBX0800
-	100330255	KIT, LP CONVERSION (W/ LP VENTURI)	KBX1000
OUTDOOR			
42	100335954	JACKET, TOP	KBX0400-0500-O
42	100335955	JACKET, TOP	KBX0650-0800-O
42	100335956	JACKET, TOP	KBX1000-O
43	100335957	JACKET, SIDES	KBX0400-0500-O
43	100335958	JACKET, SIDES	KBX0650-0800-O
43	100335959	JACKET, SIDES	KBX1000-O
44	100335981	JACKET, FRONT, LEFT	ALL
45	100330248	JACKET, FRONT, BOTTOM, RIGHT	ALL
46	100330249	JACKET, FRONT, TOP, RIGHT	ALL
47	100302180	LATCH, COMPRESSION	ALL
48	100330185	DISPLAY ASSEMBLY INTERFACE	ALL
-	100335984	COVER, CONTROL	ALL
ANNUAL PREVENTATIVE MAINTENANCE KITS			
-	100345163*	KIT, PM SERVICE	KBX0400-0500
-	100345164*	KIT, PM SERVICE	KBX0650-0800
-	100345165*	KIT, PM SERVICE	KBX1000
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Notes

