



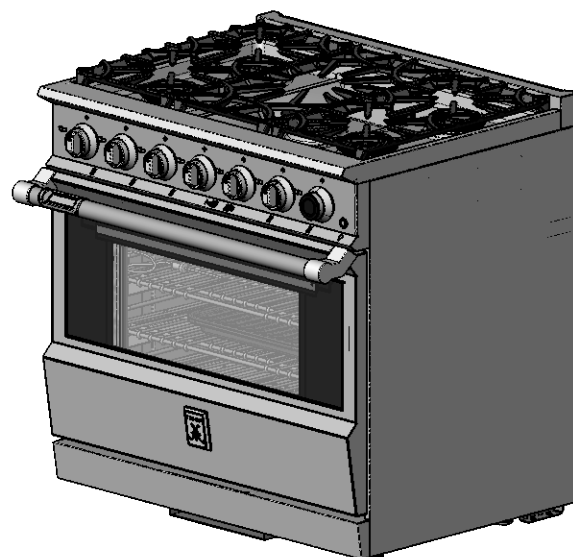
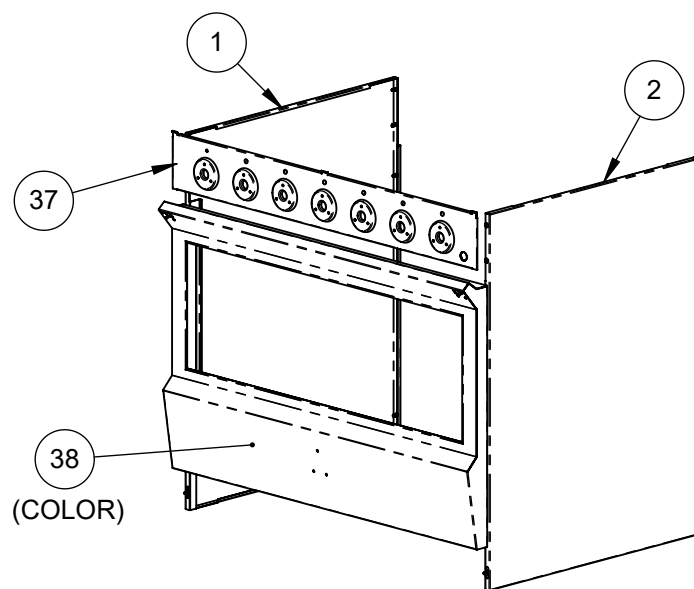
Dual Fuel Range-Smart Gas

KRDS365

Parts List

Hestan Commercial Corporation
3375 E. La Palma Ave.
Anaheim, CA 92806
(888)905-7463

RETAIN THIS FOR FUTURE REFERENCE



All warranty and non-warranty repairs should be performed by qualified service personnel. To locate an authorized service agent, contact your Hestan dealer, local representative, or the manufacturer. Before you call, please have the model number and serial number information ready.
Hestan Commercial Corp.
(888) 905-7463

Color Extension (-XX)	Description
	Stainless Steel
-BK	Stealth - Black
-WH	Froth - White
-RD	Matador - Red
-YW	Sol - Yellow
-OR	Citra - Orange
-BG	Tin Roof - Burgundy
-PP	Lush - Purple
-BU	Prince - Blue
-GR	Grove - Green
-GG	Pacific Fog - Graphite Gray
-TQ	Bora Bora - Turquoise

SEE SHEET 3 FOR PARTS LIST



PROPRIETARY
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DESCRIPTION

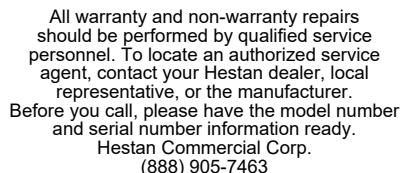
SERVICE - RANGE, 5-BURNER, DUAL FUEL, SMART GAS, 36"

DRAWING NO

KRDS365-SERVICE

REVISION

D
SHEET NO.
1 OF 18



ITEM	PART NUMBER	DESCRIPTION	QTY.
1	017663	ASSY, PANEL, SIDE, LEFT, 36" RANGE	1
2	017664	ASSY, PANEL, SIDE, RIGHT, 36" RANGE	1
3	010242	SERVICE, SMS, #10-24 X 1/2, PH, PAN, TYPE F, SS, PKG 10	1
4	018259	GRILL, FRONT, RANGETOP	1
5	018023	SWITCH, PLUNGER, N.O., OVEN DOOR	1
6	017612	LED MODULE, KNOB LIGHTING	7
7	011857	SERVICE, MS, 8-32 X .375, PH, PAN, SS, PKG 6	1
8	018064	DRIP PAN, 365 RANGETOP	1
9	018251	GRATE ASSEMBLY, DUAL, RESIDENTIAL INDOOR	2
10	025945	SERVICE, GRATE, FOOTPAD, PKG 4	1
11	018319	GRATE ASSEMBLY, SINGLE, RESIDENTIAL INDOOR	1
12	024305	SERVICE, MS, M4 X 5MM, PH, PAN, SS, PKG 6	1
13	009279	ELBOW, 1/2 NPT	1
14	024755	HOSE, FLEX, 5/8OD X 1/2MIP X 1/2MIP, 8"	1
15	018882	REGULATOR, STRAIGHT-THRU, 1/2"NPT, CONVERTIBLE, DD-RV48 (5"/10"w.c.)	1
	021649	REGULATOR, STRAIGHT-THRU, 1/2"NPT, CONVERTIBLE, DD-RV48, 5/10, CONVERTED TO LP	1
16	029706	BRACKET, REGULATOR, RANGES	1
17	015535	TRIM, SIDE, RH, 36" RANGE	1
18	018556	TRIM, SIDE, LH, 36" RANGE	1
19	024256	SERVICE, SMS, #8 X 1/2, PH, ROUND, BLK-OXIDE, SS, PKG 4	1
20	026511	BRACKET, SUPPORT, KICK PANEL, 30" RANGE	1
21	016949	PANEL, KICK, 36" RANGE	1
22	007648	PAN, DRIP, ACCESSORY, GRILL	1
23	019010	INSERT, BROILER PAN, INDOOR RANGE	1
24	011852	SERVICE, SMS, #8-32 X 3/8, PH, PAN, TYPE F, SS, PKG 4	1
25	018170	KNOB ASSEMBLY, MAIN BURNER, RESIDENTIAL INDOOR	3
26	018378	KNOB ASSEMBLY, SINGLE FLOW, RESIDENTIAL INDOOR	1
27	018379	KNOB ASSEMBLY, OVEN FUNCTION, RESIDENTIAL INDOOR	1
28	018380	KNOB ASSEMBLY, OVEN TEMP, RESIDENTIAL INDOOR	1
29	034380	TOUCH ENCODER, SMART GAS	1
30	032846	BEZEL, RESIDENTIAL INDOOR - TOUCH ENCODER	1
31	034675	SERVICE, MS, 6-32 X .50, PH, PAN, SS, PKG 6	1
32	020971	SWITCH, PUSHBUTTON, 19mm, SPST, 5A, 250VAC	1
33	011715	SERVICE, NUT, KEPS, 1/4-20, ZN, PKG 4	1
34	024260	SERVICE, MS, 10-24 X 1/2, HEX HD W/ LOCK WASHER, ZN, PKG 10	1
35	012687	SERVICE, BALL STUD, MALE, 6-32UNC, .052-.078 PNL THK, PKG 4	1
36	012688	SERVICE, NUT, KEPS, 6-32, SS, PKG 4	1
37	037822	SERVICE, ASSY, CONTROL PANEL INSERT, 36" SMART RANGE	1
38	025809-XX	SERVICE, ASSY., DOOR SKIN, 36" RANGE	1
39	036937	WIRING DIAGRAM, 365 SMART RANGE	1
40	048875	SERVICE, KIT, DOOR LATCH REPLACEMENT, INDOOR RANGE	1



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DESCRIPTION

**SERVICE - RANGE, 5-BURNER, DUAL FUEL,
SMART GAS. 36"**

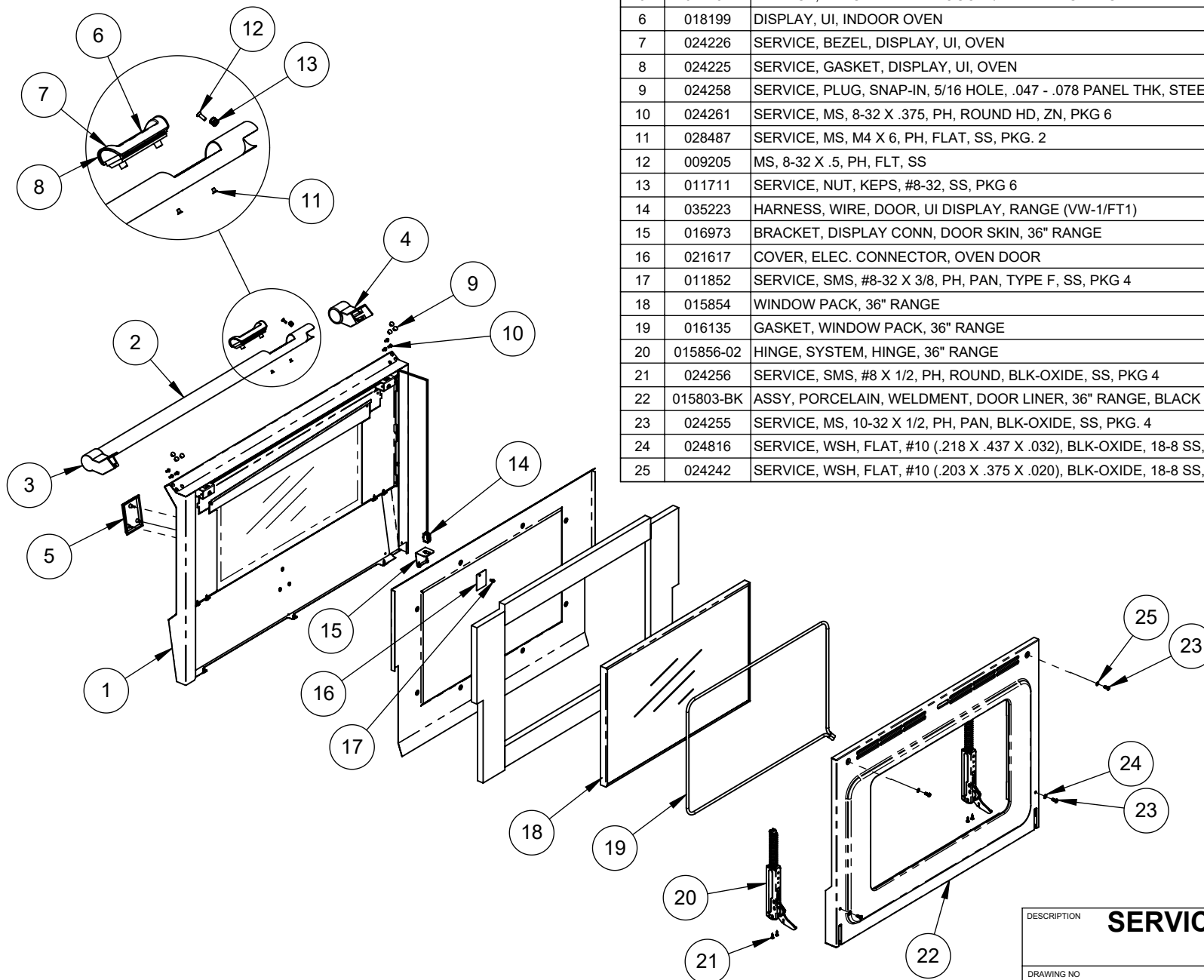
DRAWING NO.

KRDS365-SERVICE

REVISION

D

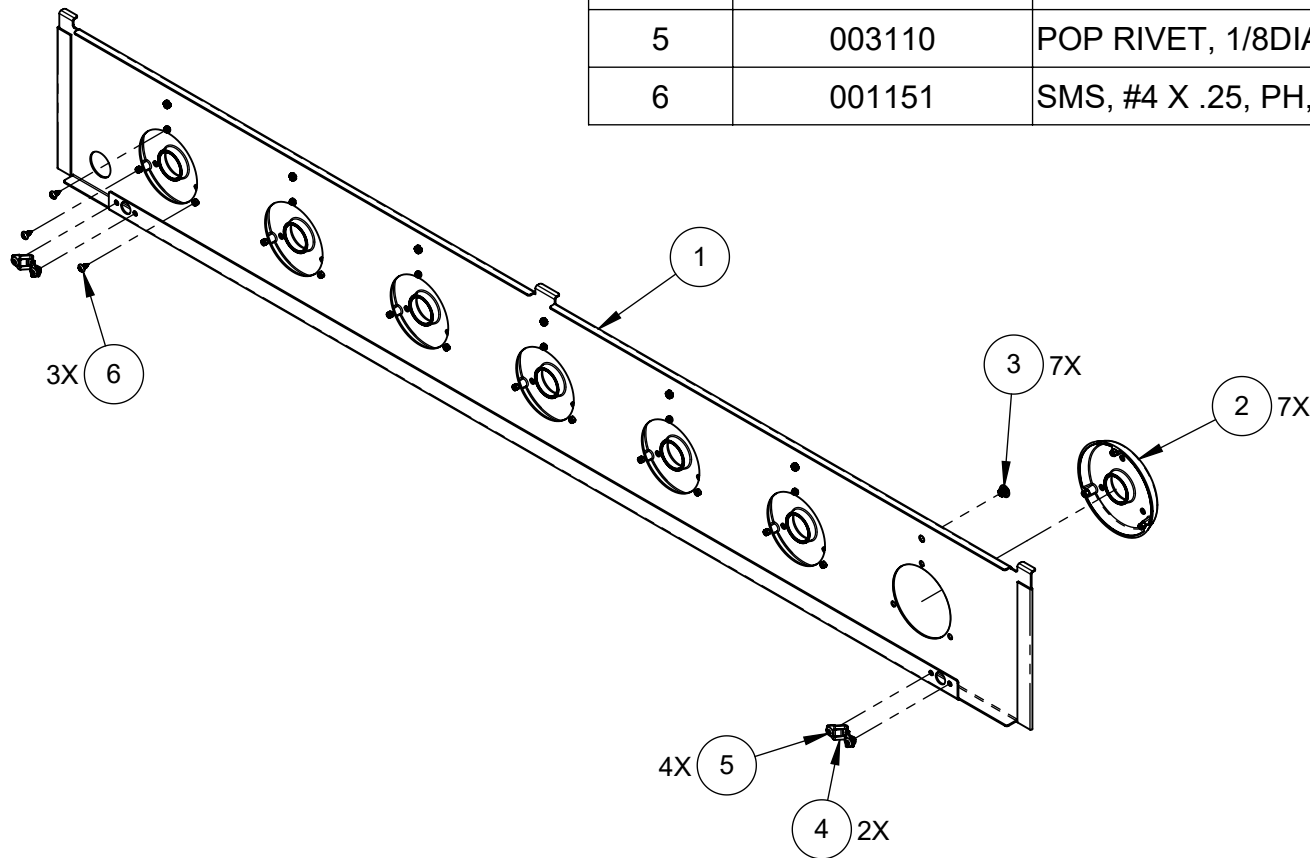
SHEET NO.
3 OF 18



ITEM	PART NO.	DESCRIPTION	QTY.
1	025809-XX	SERVICE, ASSY., DOOR SKIN, 36" RANGE	1
2	018198	HANDLE, DOOR, INDOOR OVEN, 36" RANGE	1
3	017153	ENDCAP, HANDLE, RH, OVEN DOOR, INDOOR	1
4	017152	ENDCAP, HANDLE, LH, OVEN DOOR, INDOOR	1
5	024252	SERVICE, LARGE HESTAN LOGO W/ RETAINING RINGS	1
6	018199	DISPLAY, UI, INDOOR OVEN	1
7	024226	SERVICE, BEZEL, DISPLAY, UI, OVEN	1
8	024225	SERVICE, GASKET, DISPLAY, UI, OVEN	1
9	024258	SERVICE, PLUG, SNAP-IN, 5/16 HOLE, .047 - .078 PANEL THK, STEEL, NICKEL PLATED, PKG 4	1
10	024261	SERVICE, MS, 8-32 X .375, PH, ROUND HD, ZN, PKG 6	1
11	028487	SERVICE, MS, M4 X 6, PH, FLAT, SS, PKG. 2	1
12	009205	MS, 8-32 X .5, PH, FLT, SS	1
13	011711	SERVICE, NUT, KEPS, #8-32, SS, PKG 6	1
14	035223	HARNESS, WIRE, DOOR, UI DISPLAY, RANGE (VW-1/FT1)	1
15	016973	BRACKET, DISPLAY CONN, DOOR SKIN, 36" RANGE	1
16	021617	COVER, ELEC. CONNECTOR, OVEN DOOR	1
17	011852	SERVICE, SMS, #8-32 X 3/8, PH, PAN, TYPE F, SS, PKG 4	1
18	015854	WINDOW PACK, 36" RANGE	1
19	016135	GASKET, WINDOW PACK, 36" RANGE	1
20	015856-02	HINGE, SYSTEM, HINGE, 36" RANGE	2
21	024256	SERVICE, SMS, #8 X 1/2, PH, ROUND, BLK-OXIDE, SS, PKG 4	1
22	015803-BK	ASSY, PORCELAIN, WELDMENT, DOOR LINER, 36" RANGE, BLACK	1
23	024255	SERVICE, MS, 10-32 X 1/2, PH, PAN, BLK-OXIDE, SS, PKG. 4	1
24	024816	SERVICE, WSH, FLAT, #10 (.218 X .437 X .032), BLK-OXIDE, 18-8 SS, PKG 2	1
25	024242	SERVICE, WSH, FLAT, #10 (.203 X .375 X .020), BLK-OXIDE, 18-8 SS, PKG 6	1

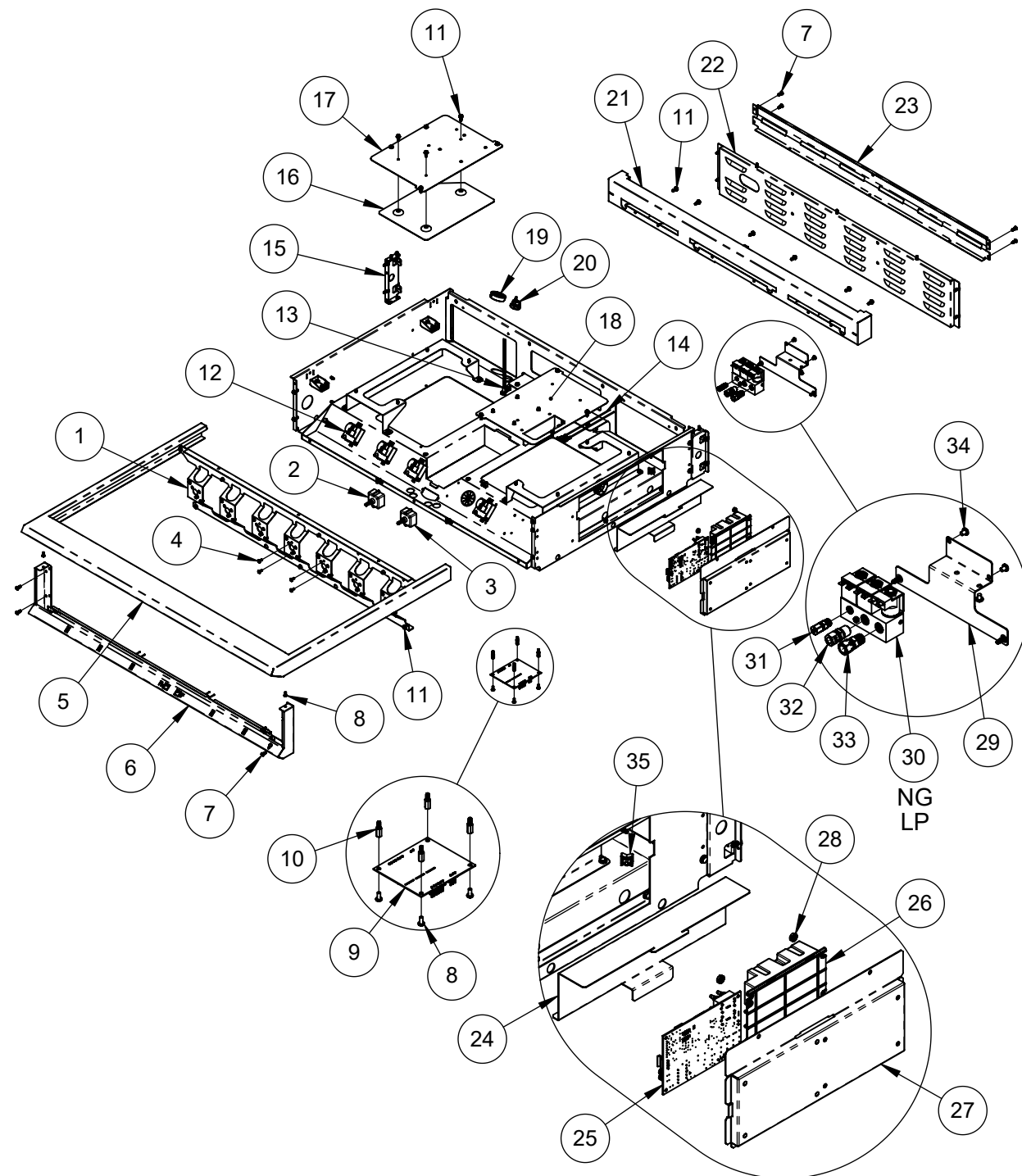
DESCRIPTION	SERVICE, DOOR ASSEMBLY, DF, 36"
DRAWING NO	A1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	017087	INSERT, CONTROL PANEL, 36 RANGE	1
2	019744	DIFFUSER LENS, PRESS FIT	7
3	009871	PLUG FOR 1/4-20 SHCS, CHROME	7
4	000852	RECEPTACLE, BALL STUD, 18LB PULL, ZN, C1663-028-3B	2
5	003110	POP RIVET, 1/8DIA X .275L, SS	4
6	001151	SMS, #4 X .25, PH, PAN, TYPE A, SS	3



HESTAN

DESCRIPTION	SERVICE, ASSY, CONTROL PANEL INSERT, 36" SMART RANGE
DRAWING NO	A2



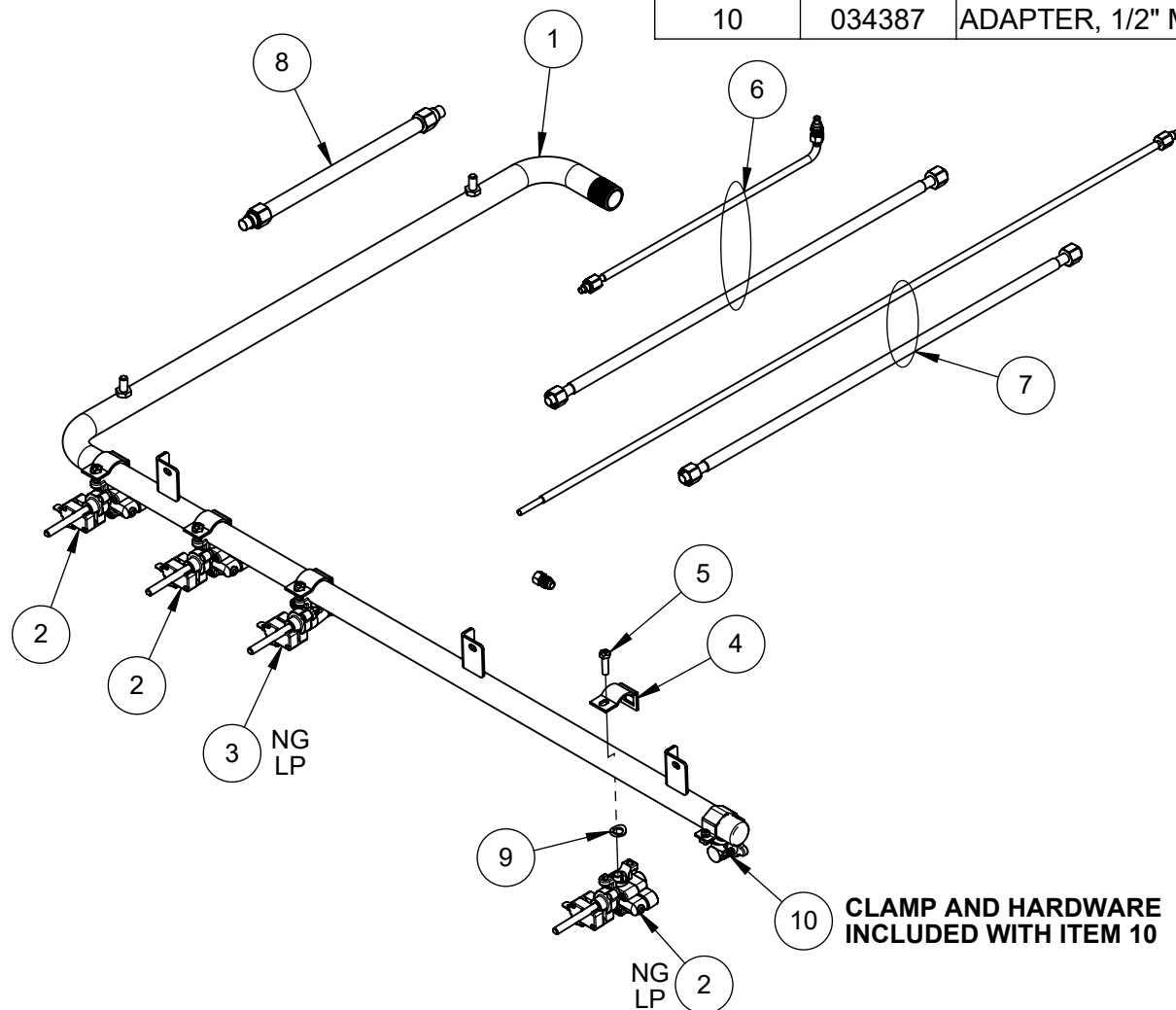
ITEM	PART NO.	DESCRIPTION	QTY.
1	017874	CROSSMEMBER, FRONT, FRAME, RANGETOP - 36	1
2	018073	SELECTOR, 10 POSITION, RESIDENTIAL INDOOR	1
3	018072	SELECTOR, 3 POSITION, RESIDENTIAL INDOOR	1
4	011857	SERVICE, MS, 8-32 X .375, PH, PAN, SS, PKG 6	1
5	017793	BULLNOSE, RANGETOP, WA - 36	1
6	017784-3	CONTROL PANEL, CHIN, ASSY - 36	1
7	010242	SERVICE, SMS, #10-24 X 1/2, PH, PAN, TYPE F, SS, PKG 10	1
8	011857	SERVICE, MS, 8-32 X .375, PH, PAN, SS, PKG 6	1
9	019678	LED DRIVER / ISOLATOR BOARD	1
10	024507	SERVICE, STANDOFF, MALE-FEMALE, 1/2"L, #8-32, PKG. 4	1
11	024263	SERVICE, SMS, #10-24 X .50, HEXWSH, TYPE F, SS, PKG 10	1
12	032028	MODULE, RE-IGNITER, SINGLE POINT, RI 120F-1, 120V, 3mA	4
13	019376	HARNESS, WIRE, RANGETOP/RANGE, 365 (VW-1/FT1)	1
14	036037	HARNESS ASSEMBLY, SMART GAS	1
15	032936	BRACKET, MOUNTING, RISER, REAR ACCESS, RANGETOP	1
16	020821	HEAT SHIELD, LEFT, INDOOR OVEN	1
17	019412	COVER, OVEN ACCESS, RANGETOP	1
18	036938	COVER, OVEN ACCESS, SMART RANGETOP	1
19	018393	SNAP BUSHING, 1.06" MAX ID, BLACK	2
20	005862	STRAIN RELIEF, SNAP-IN, 3/4" KNOCKOUT	1
21	033015	RISER, ISLAND, INNER SIDE MOUNT, RESIDENTIAL INDOOR - 36	1
22	019680	REAR COVER, 36" RANGETOP	1
23	019654	COVER, RISER, ISLAND, RESIDENTIAL INDOOR - 36	1
24	034383	HEAT SHIELD, SMART GAS	1
25	034373	CONTROL MODULE, SMART GAS	1
26	034371	SAFETY MODULE, SMART GAS	1
27	034374	CONTROL BOX, SMART GAS	1
28	003818	NUT, KEPS, #10-24, ZN	4
29	037026	BRACKET, VALVE ASSY, SMART GAS	1
30	034376	VALVE ASSY, SMART GAS - NG	1
	036317	VALVE ASSY, SMART GAS - LP	1
31	002946	ADAPTER, STRAIGHT, 1/8 NPT TO 3/16" CC	1
32	034770	ADAPTER, STRAIGHT, 5/16 COMPRESSION TO 1/4 NPT	1
33	028047	ADAPTER, STRAIGHT, 1/4 MNPT TO 3/8" CC	1
34	013391	SERVICE, MS, 10-32 X .25, PH, PAN, SS, PKG 4	1
35	033830	SERVICE, CABLE HOLDER, PUSH IN, 3/8" DIAMETER, PKG. 6	1

HESTAN

DESCRIPTION **SERVICE - RANGE, 5-BURNER,
DUAL FUEL, SMART GAS, 36"**

DRAWING NO **A3**

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	018884	MANIFOLD, INDOOR, 365 RANGE	1
2	031680	VALVE, DUAL FLOW, RESIDENTIAL INDOOR - NG	3
	031681	VALVE, DUAL FLOW, RESIDENTIAL INDOOR - LP	3
3	031683	VALVE, SINGLE FLOW, RESIDENTIAL INDOOR - NG	1
	031685	VALVE, SINGLE FLOW, RESIDENTIAL INDOOR - LP	1
4	018077	CLAMP, GAS VALVE, RESIDENTIAL INDOOR	4
5	024259	SERVICE, MS, M5 X 0.8 X 18, HEXHD, SS, PKG 5	1
6	021578-1	HOSE KIT, DUAL FLOW, RESIDENTIAL INDOOR - FRONT	1
7	021578-2	HOSE KIT, DUAL FLOW, RESIDENTIAL INDOOR - REAR	2
8	014913	HOSE, FLEX, 3/8 OD, 9", F-F, NUT/FERRULE	1
9	024444	SERVICE, GASKET, VALVE, SADDLE MOUNT, PKG 6	1
10	034387	ADAPTER, 1/2" MANIFOLD, 1/4 NPT F OUT	1



CLAMP AND HARDWARE
INCLUDED WITH ITEM 10

HESTAN

**SERVICE, MANIFOLD ASSY,
SMART RANGE, 365**

DESCRIPTION

DRAWING NO

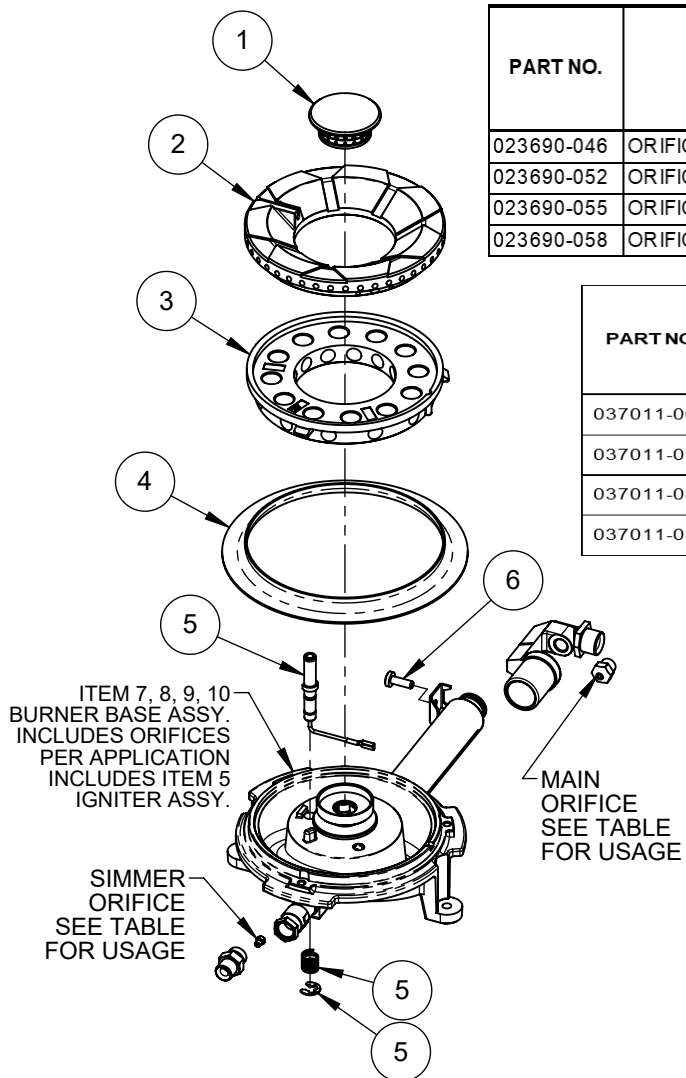
A4

REF. 037915

PART NO.	SIMMER ORIFICES	Z (IN)	Z (MM)	STAMP	COLOR CODE	15.5k Dual Flow BURNER		23k Dual Flow BURNER	
						NG	LP	NG	LP
023698-073	ORIFICE, SIMMER, DUAL FLOW BURNER, INDOOR, #73	0.024	0.61	V	BLACK	X		X	
023698-078	ORIFICE, SIMMER, DUAL FLOW BURNER, INDOOR, #78	0.016	0.41	T	RED		X		X

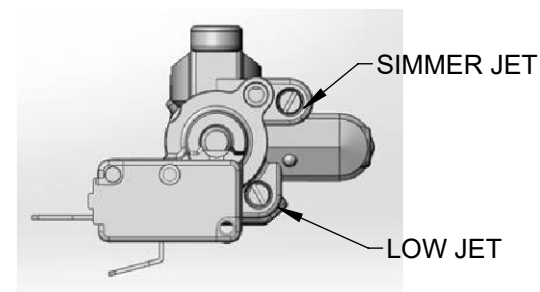
PART NO.	MAIN ORIFICES	Z (IN)	Z (MM)	STAMP	COLOR CODE	15.5k Dual Flow BURNER		23k Dual Flow BURNER	
						NG	LP	NG	LP
023690-046	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #46	0.081	2.05	-	YELLOW, BLACK			X	
023690-052	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #52	0.064	1.60	-	WHITE, BLACK	X			
023690-055	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #55	0.052	1.32	-	YELLOW, RED				X
023690-058	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #58	0.042	1.07	-	WHITE, RED		X		

PART NO.	VALVE ORIFICES (JETS)	Z (IN)	Z (MM)	COLOR CODE (COPRECI)	COLOR CODE (ISPHORDING)	Dual Flow VALVE Low Orifice		Dual Flow VALVE Simmer Orifice	
						NG	LP	NG	LP
037011-065	KIT, ORIFICE, VALVE, INDOOR, #65	0.035	0.88	-	BLACK	X			
037011-073	KIT, ORIFICE, VALVE, INDOOR, #73	0.024	0.61	-	RED		X		
037011-080	KIT, ORIFICE, VALVE, INDOOR, #80	0.0135	0.34	-	YELLOW			X	
037011-087	KIT, ORIFICE, VALVE, INDOOR, #87	0.010	0.25	-	WHITE				X



DUAL BURNER ASSY.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	018436	D-INNER BURNER HEAD, DUAL FLOW, RESIDENTIAL INDOOR	1
2	018419	D-DUAL BURNER HEAD, DUAL FLOW, RESIDENTIAL INDOOR	1
3	018418	D-CROSS RING, DUAL FLOW, RESIDENTIAL INDOOR	1
4	018421	D-BEAUTY RING, DUAL FLOW, RESIDENTIAL INDOOR	1
5	024189	SERVICE, IGNITOR KIT, DUAL FLOW BURNER	1
6	024244	SERVICE, MS, M4 X 12, SEALED BURNER, PKG 4	1
7	020399	BURNER BASE ASSY, DUAL FLOW, 23K - NG	2
8	020401	BURNER BASE ASSY, DUAL FLOW, 23K - LP	2
9	020400	BURNER BASE ASSY, DUAL FLOW, 15.5K - NG	2
10	020402	BURNER BASE ASSY, DUAL FLOW, 15.5K - LP	2

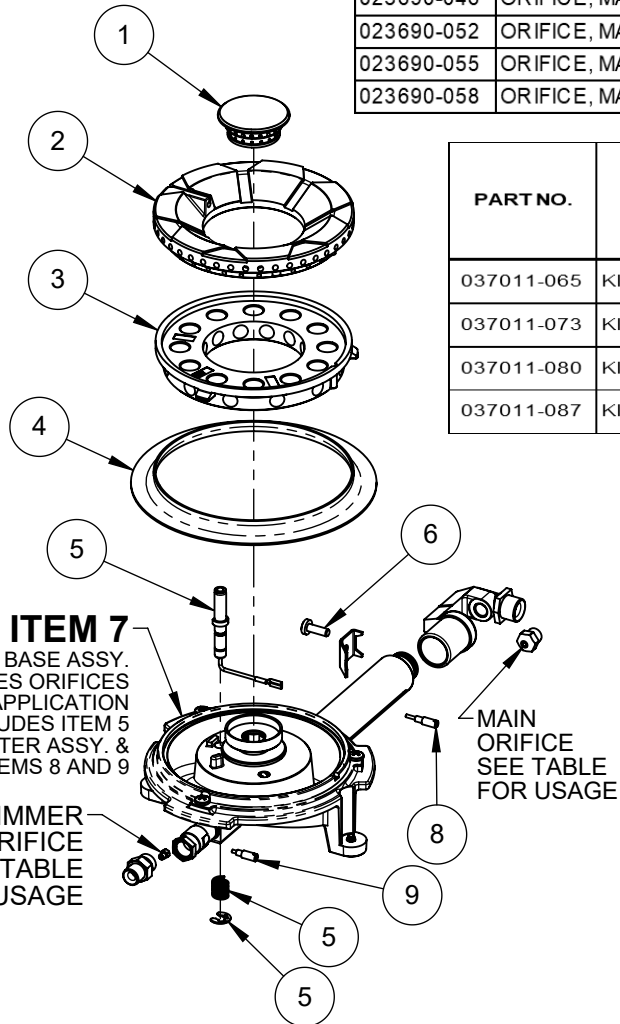


DESCRIPTION	 HESTAN SERVICE, DUAL FLOW BURNER ASSY.
DRAWING NO	A5

PART NO.	SIMMER ORIFICES	Z (IN)	Z (MM)	STAMP	COLOR CODE	15.5k Dual Flow BURNER		23k Dual Flow BURNER	
						NG	LP	NG	LP
023698-073	ORIFICE, SIMMER, DUAL FLOW BURNER, INDOOR, #73	0.024	0.61	V	BLACK	X		X	
023698-078	ORIFICE, SIMMER, DUAL FLOW BURNER, INDOOR, #78	0.016	0.41	T	RED		X		X

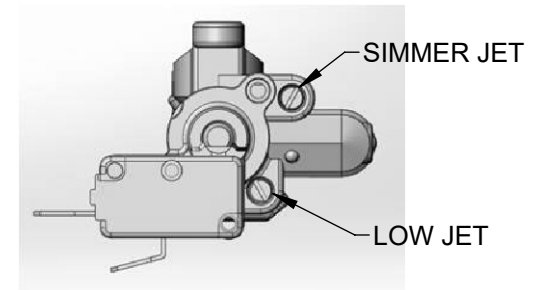
PART NO.	MAIN ORIFICES	Z (IN)	Z (MM)	STAMP	COLOR CODE	15.5k Dual Flow BURNER		23k Dual Flow BURNER	
						NG	LP	NG	LP
023690-046	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #46	0.081	2.05	-	YELLOW, BLACK			X	
023690-052	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #52	0.064	1.60	-	WHITE, BLACK	X			
023690-055	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #55	0.052	1.32	-	YELLOW, RED				X
023690-058	ORIFICE, MAIN, DUAL FLOW BURNER, INDOOR, #58	0.042	1.07	-	WHITE, RED		X		

PART NO.	VALVE ORIFICES (JETS)	Z (IN)	Z (MM)	COLOR CODE (COPRECI)	COLOR CODE (ISPHORDING)	Dual Flow VALVE Low Orifice		Dual Flow VALVE Simmer Orifice	
						NG	LP	NG	LP
037011-065	KIT, ORIFICE, VALVE, INDOOR, #65	0.035	0.88	-	BLACK	X			
037011-073	KIT, ORIFICE, VALVE, INDOOR, #73	0.024	0.61	-	RED		X		
037011-080	KIT, ORIFICE, VALVE, INDOOR, #80	0.0135	0.34	-	YELLOW			X	
037011-087	KIT, ORIFICE, VALVE, INDOOR, #87	0.010	0.25	-	WHITE				X



**SMART GAS
DUAL BURNER ASSY.**

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	018436	D-INNER BURNER HEAD, DUAL FLOW, RESIDENTIAL INDOOR	1
2	018419	D-DUAL BURNER HEAD, DUAL FLOW, RESIDENTIAL INDOOR	1
3	018418	D-CROSS RING, DUAL FLOW, RESIDENTIAL INDOOR	1
4	018421	D-BEAUTY RING, DUAL FLOW, RESIDENTIAL INDOOR	1
5	024189	SERVICE, IGNITOR KIT, DUAL FLOW BURNER	1
6	024244	SERVICE, MS, M4 X 12, SEALED BURNER, PKG 4	1
7	036473	BURNER BASE ASSY, DUAL FLOW, SMART - NG	1
	036474	BURNER BASE ASSY, DUAL FLOW, SMART - LP	1
8	036038	TAP, PRESSURE SENSE, 6mm	1
9	036039	TAP, PRESSURE SENSE, 3mm	1



HESTAN

DESCRIPTION **SERVICE, DUAL FLOW SMART
GAS BURNER ASSY.**

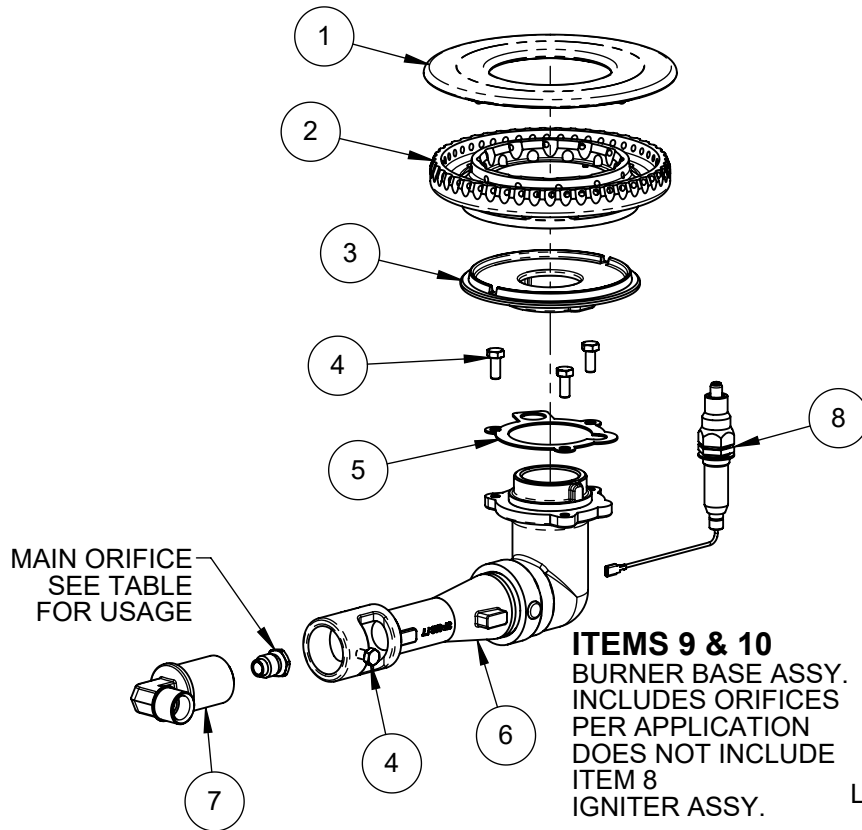
DRAWING NO

A6

REF 037778

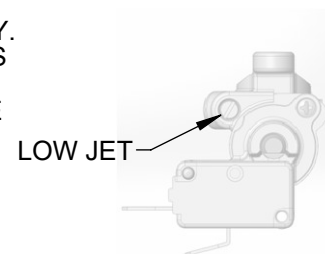
PART NO.	MAIN ORIFICES	Z (IN)	Z (MM)	STAMP	COLOR CODE	30k Single Flow BURNER	
						NG	LP
002039	ORIFICE, MAIN, SINGLE FLOW BURNER, #42, NG	0.0935	2.375	42	-	X	
004925	ORIFICE, MAIN, SINGLE FLOW BURNER, #54, LP	0.055	1.397	54	-		X

PART NO.	VALVE ORIFICES (JETS)	Z (IN)	Z (MM)	COLOR CODE (COPRECI)	COLOR CODE (ISPHORDING)	Single Flow VALVE Low Orifice	
						NG	LP
037011-062	KIT, ORIFICE, VALVE, INDOOR, #62	0.038	0.97	-	ORANGE	X	
037011-073	KIT, ORIFICE, VALVE, INDOOR, #73	0.024	0.61	-	RED		X



SINGLE-FLOW BURNER ASSY.

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	002058	BURNER RING, SEALED BURNER, SF	1
2	002055	HEAD, BURNER, SEALED BURNER, SF	1
3	002057	BURNER BASE, SEALED BURNER, SF	1
4	014390	SERVICE, SCREW, MOUNTING, M5X12, SEALED BURNER, PKG 4	1
5	002056	GASKET, MAIN, SEALED BURNER, SF	1
6	010662	ELBOW, SINGLE FLOW, FRONT, ASSY	1
7	002048	JET HOLDER, MAIN, SEALED BURNER, SF/DF	1
8	024190	SERVICE, IGNITER KIT, SEALED BURNER, SINGLE FLOW	1
9	028517	BURNER BASE ASSY, SINGLE FLOW, SEALED BURNER - NG	1
10	028518	BURNER BASE ASSY, SINGLE FLOW, SEALED BURNER - LP	1



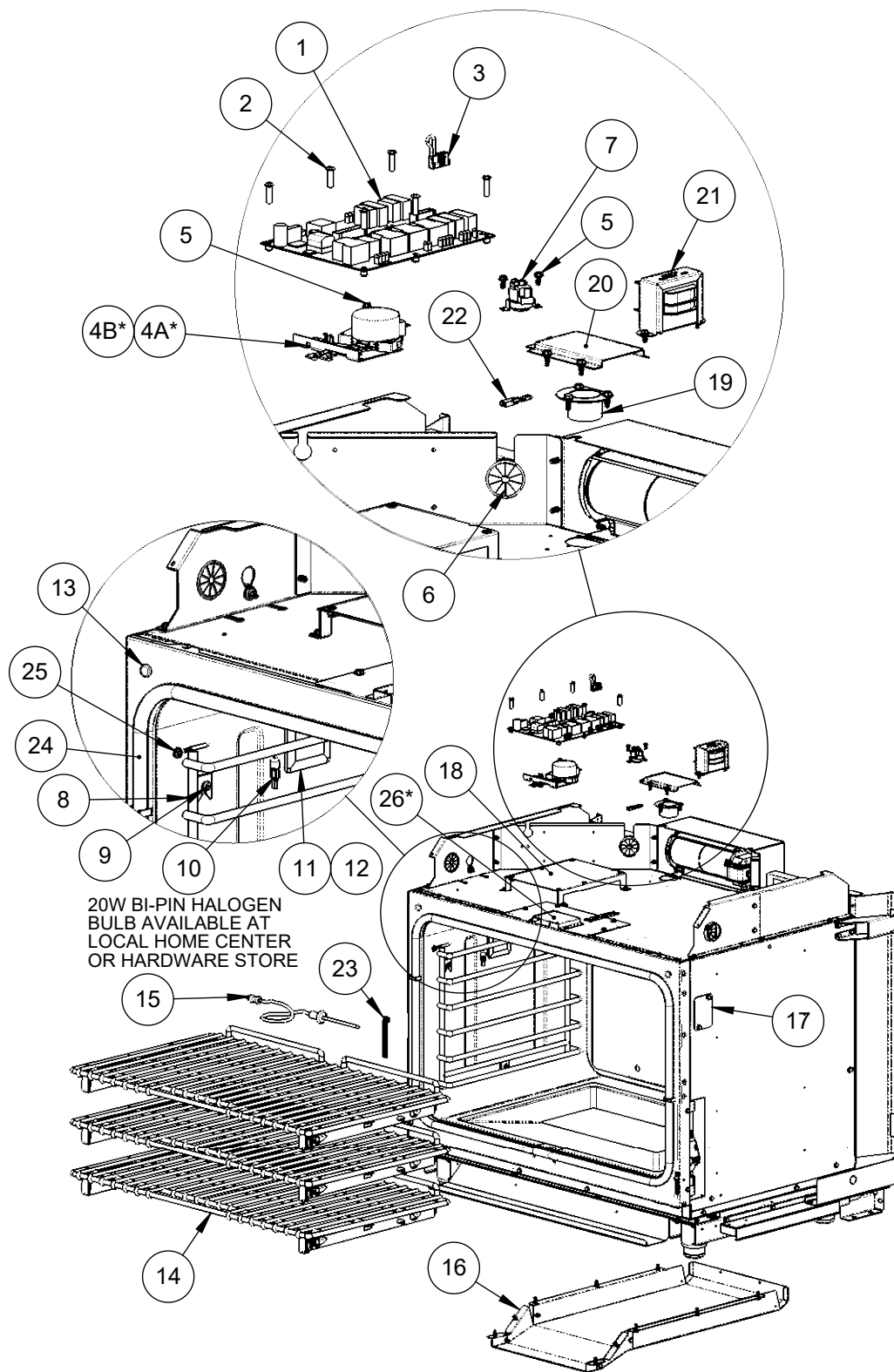
SINGLE-FLOW VALVE

HESTAN

**SERVICE, SINGLE FLOW
BURNER ASSY.**

A7

DESCRIPTION
DRAWING NO



ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	016513	RELAY BOARD, ELAN, EOC-U	1
2	014557	SERVICE, MS, 8-32 X .75, PH, PAN, SS, PKG 4	1
3	020720-01	MODEL HEADER, EOCU BOARD	1
4A*	021174	LATCH, DOOR	1
4B*	044954	LATCH, DOOR, NEO	1
5	011852	SERVICE, SMS, #8-32 X 3/8, PH, PAN, TYPE F, SS, PKG 4	1
6	018393	SNAP BUSHING, 1.06" MAX ID, BLACK	2
7	018024	SWITCH, HI-LIMIT	1
8	018230	RACK, LADDER, LH & RH, RANGE, W/A	2
9	017446	SB, #8-32 X 3/16 DIA X 1/4L, SS, PKG 2	1
10	018142	SERVICE, BULB, HALOGEN, G4 BI-PIN, 20W, PKG 2	1
11	024352	SERVICE, LENS, LAMP, HALOGEN, 12V 20W, 65 X 80 mm	1
12	017916	ASSY, LAMP, HALOGEN, 12V 20W, 65 X 80 mm	2
13	010197	SERVICE, BUMPER, RUBBER, .50 DIAM. X .250 H, PKG 4	1
14	023554	RACK, WITH SLIDES, INDOOR OVEN, 30"	3
15	018533	PROBE, MEAT	1
16	028416	SERVICE, EXHAUST DUCT ASSY., 30/36 RANGE	1
17	018864	ACCESS PANEL, MEAT PROBE, 36" RANGE	2
18	016514	BRACKET, SUPPORT, RELAY BOARD	1
19	018854	DUCT, SMOKE ELIMINATOR, WA	1
20	018234	DUCT, SMOKE ELIMINATOR	1
21	016512	TRANSFORMER, 40VA, 120VAC TO 12/24V	1
22	035222	HARNESS, WIRE, OVEN TO RANGETOP, RANGE, 30"/36" (VW-1/FT1)	1
23	035224	HARNESS, WIRE, OVEN, UI DISPLAY, RANGE (VW-1/FT1)	1
24	015484	GASKET ASSY, CELL, OVEN, 36" RANGE	1
25	018425	SOCKET, MEAT PROBE	1
26*	044956	BRACKET, NEO DOOR LATCH MOUNTING	1

*ITEM 4A: DOOR LATCH (OLD)

*ITEM 4B: DOOR LATCH (NEW)

*ITEM 26: FOR NEO LATCH ONLY

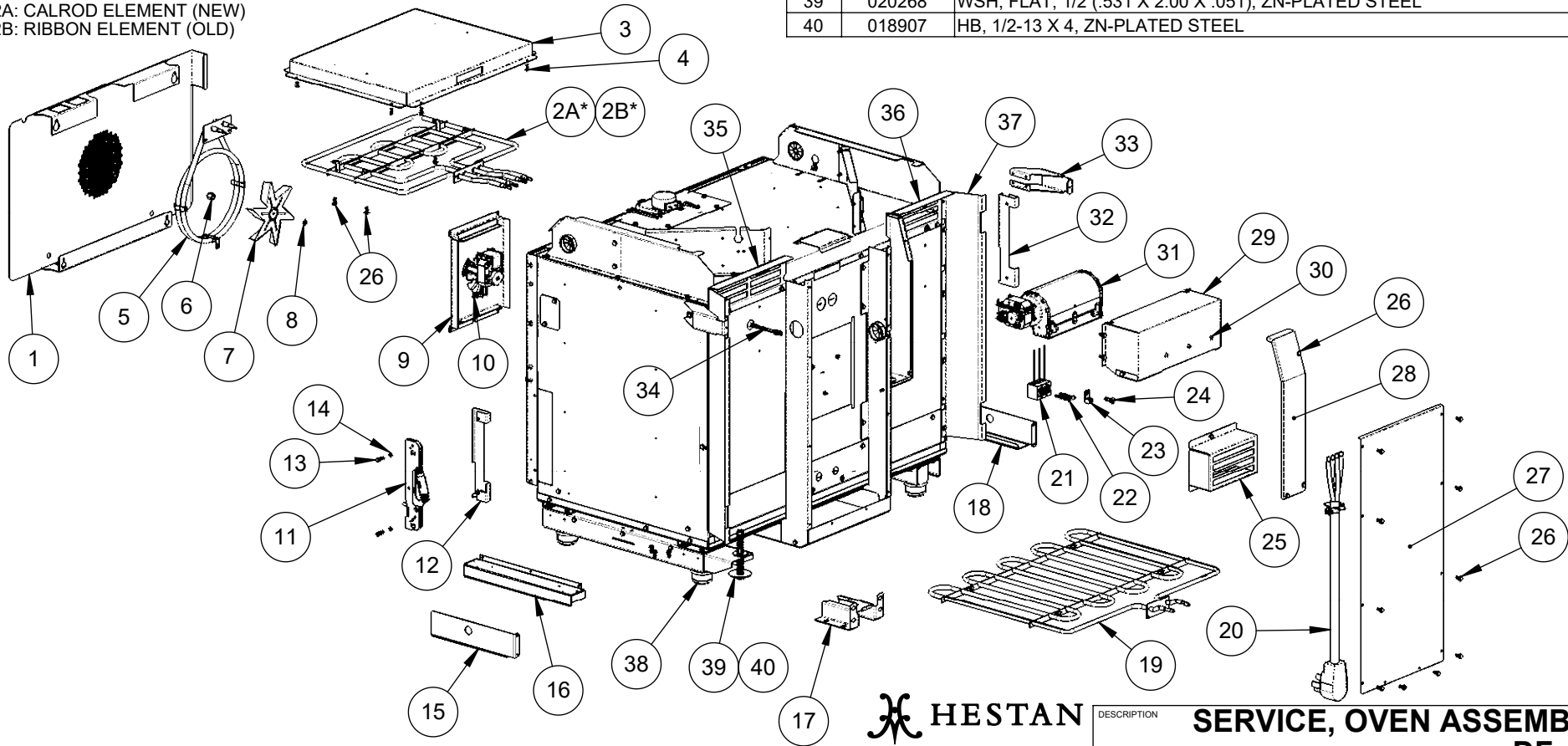
HESTAN

DESCRIPTION	SERVICE, OVEN ASSEMBLY, DF, 36"
DRAWING NO	A8

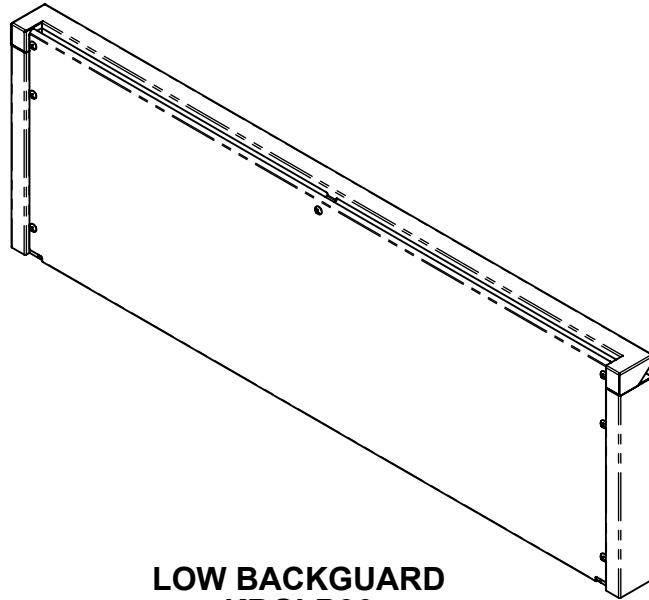
ITEM	PART NO.	DESCRIPTION	QTY.
1	017886-BK	BAFFLE, CONVECTION, PORCELAINED, 36" RANGE	1
2A*	032664	ELEMENT, BROIL, 36" RANGE	1
2B*	015527	ELEMENT, BROIL, 240V, 3500W, 36" RANGE	1
3	032266	HEAT SHIELD, BROIL, 36" & 30" OVEN, 36" & 48" RANGE	1
4	024256	SERVICE, SMS, #8 X 1/2, PH, ROUND, BLK-OXIDE, SS, PKG 4	1
5	017889	ELEMENT, CONVECTION, 240V 2600W, INDOOR RANGE	1
6	017918	NUT, HEX, 1/4-28, CONV. FAN, RANGE	1
7	017917	BLADE, CONV FAN, 152mm	1
8	018860	WASHER, FLAT, M6	1
9	015529	PLATE, MOUNTING, CONVECTION FAN MOTOR, 36" RANGE	1
10	015530	FAN, CONVECTION, 36" RANGE	1
11	015856-01	RECEIVER, DAMPED, 36" RANGE	2
12	015588	ASSY, WELDMENT, HOLDER, HINGE, RIGHT, 36" RANGE	1
13	024257	SERVICE, MS, 10-32 X 3/4", HEX, ZINC PLATED, STEEL, PKG 4	1
14	024242	SERVICE, WSH, FLAT, #10 (.203 X .375 X .020), BLK-OXIDE, 18-8 SS, PKG 6	1
15	017779	SUPPORT, PANEL, SIDE, RIGHT, LOWER, 36" RANGE	1
16	017778	SPACER, BOTTOM, PANEL, SIDE, 36" RANGE	2
17	029078	ANTI-TIP BRACKET, SMALL, INDOOR RANGE	1
18	017780	SUPPORT, PANEL, SIDE, LEFT, LOWER, 36" RANGE	1

19	015493	ASSY, ELEMENT, BAKE, 36" RANGE	1
20	024031	CORD, POWER, 6 FT, NEMA 14-50P, 40A, W/ STRAIN RELIEF	1
21	035221	HARNESS, WIRE, MAIN, RANGE, 30"/36" (VW-1/FT1)	1
22	021800	MS, 8-32 X 1.50, PH, ROUND HD, ZN	1
23	018910	GROUNDING LUG, 1 WIRE, 14-4 AWG	1
24	024253	SERVICE, MS, 1/4-20 x 3/4", PH, PAN, ZN, PKG 4	1
25	020312	COVER, RTD PROBE	1
26	024263	SERVICE, SMS, #10-24 X .50, HEXWSH, TYPE F, SS, PKG 10	1
27	018040	COVER, REAR, DUCT, EXHAUST, 36" RANGE	1
28	019229	ACCESS PANEL, WIRE COVER, INDOOR RANGE	1
29	015521	HOUSING, FAN, COOLING, 36" RANGE	1
30	011852	SERVICE, SMS, #8-32 X 3/8, PH, PAN, TYPE F, SS, PKG 4	1
31	015522	FAN, COOLING, RANGE	1
32	015591	ASSY, WELDMENT, HOLDER, HINGE, LEFT, 36" RANGE	1
33	024023	SUPPORT, PANEL, SIDE, UPPER, 48" RANGE	2
34	018092	RTD PROBE, W/FLANGE, AMP CONNECTOR	1
35	020246	REAR COVER, RH-TOP, 36" RANGE	1
36	019374	REAR COVER, LH-TOP, 36" RANGE	1
37	019373	REAR COVER, LH, 36" RANGE	1
38	018695	LEG, ADJUSTABLE, 3.15 - 4.75" RANGE	4
39	020268	WSH, FLAT, 1/2 (.531 X 2.00 X .051), ZN-PLATED STEEL	1
40	018907	HB, 1/2-13 X 4, ZN-PLATED STEEL	1

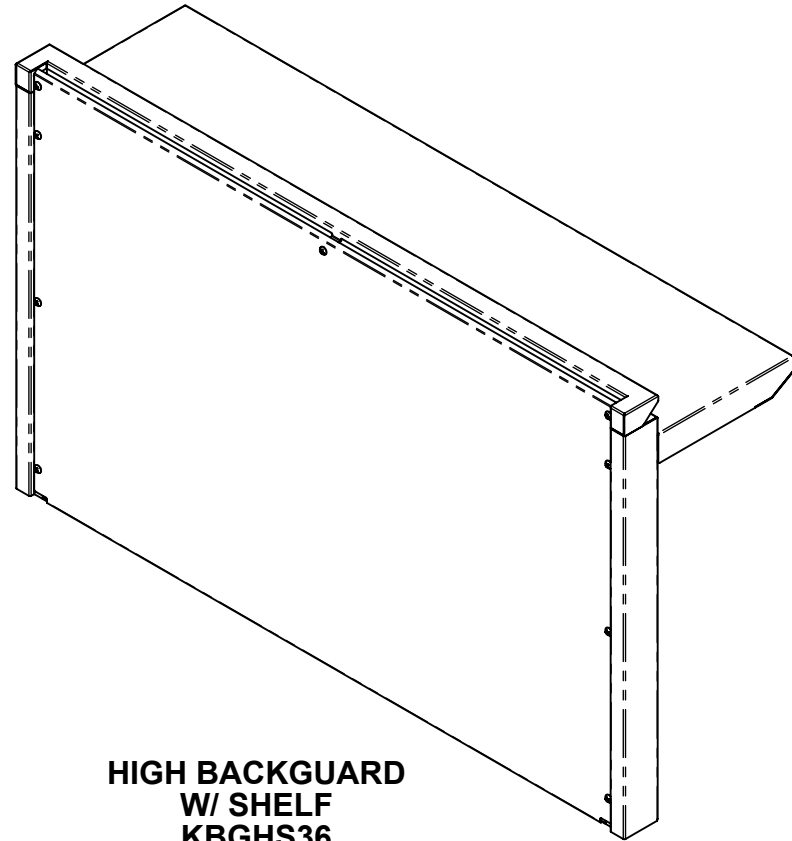
* ITEM 2A: CALROD ELEMENT (NEW)
 * ITEM 2B: RIBBON ELEMENT (OLD)



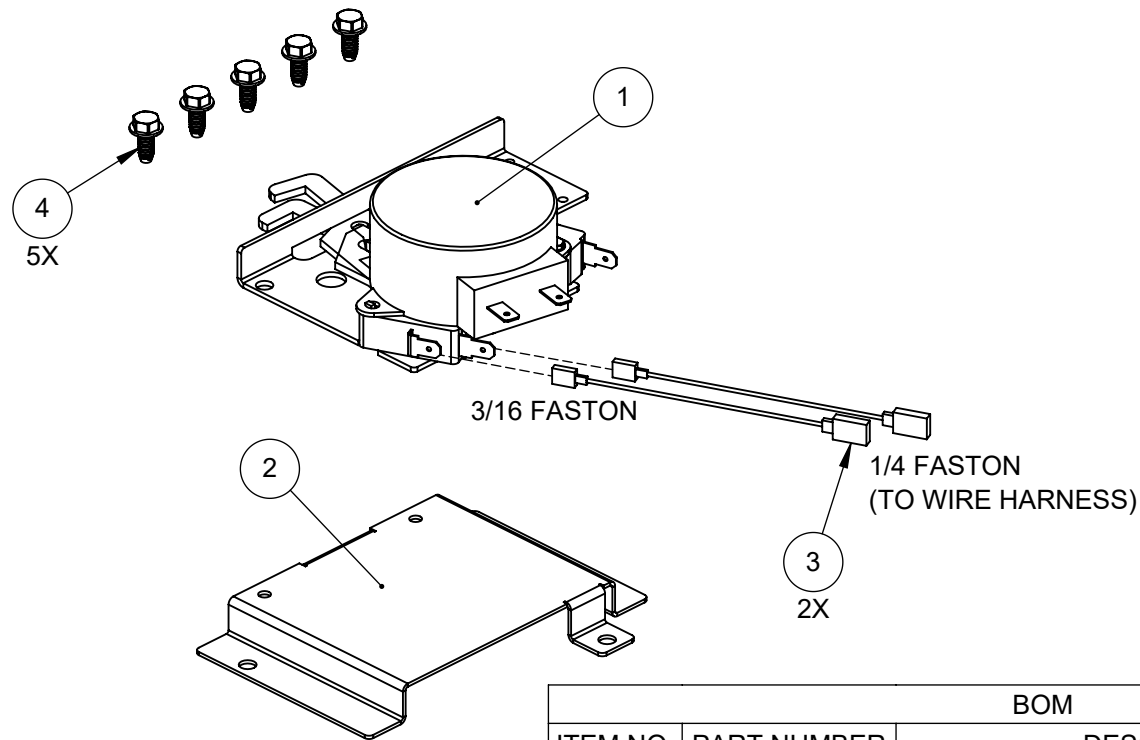
DESCRIPTION	SERVICE, OVEN ASSEMBLY, DF, 36" A8.1
DRAWING NO	



**LOW BACKGUARD
KBGLB36**



**HIGH BACKGUARD
W/ SHELF
KBGHS36**



BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	044954	LATCH, DOOR, NEO	1
2	044956	BRACKET, NEO DOOR LATCH MOUNTING	1
3	037446	HARNESS, WIRE, ADAPTER, 1/4 TO 3/16 FASTON	2
4	028449	SMS, #8-32 X 3/8, HEXWSH, TYPE F, SS	5

 HESTAN

DESCRIPTION	SERVICE, KIT, DOOR LATCH REPLACEMENT, INDOOR RANGE
DRAWING NO	A10

REF. 048875

WIRING DIAGRAM FOR DOOR LATCH # 044954

NEO

COOLING FAN
120V, 43W

OVEN LIGHT
12V, 20W

SEC 10 8 6

XFMR
40VA

PRI 5 3 2 1

CONVECTION
FAN MOTOR
120V, 45/30W
2-SPEED

DOOR SWITCH
(N.O.)

BLU

ALL TABS
= 168

DOOR LATCH
044954

035223

UI DISPLAY

3500W
BROIL ELEMENT
240V

OUTER

OUTER

BAKE ELEMENT
240V, 3000W

YEL 14GA

BRN 14GA

CONVECTION
ELEMENT
240V, 2000W

BRN 14 GA

ORG 14 GA

RED 14 GA

RED 14 GA

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36" SMART RANGE "OVEN" MAIN WIRE HARNESS # 035221

CAUTION: LABEL ALL WIRES PRIOR TO
DISCONNECTION WHEN SERVICING CONTROLS.
WIRING ERRORS CAN CAUSE IMPROPER AND
DANGEROUS OPERATION.
VERIFY PROPER OPERATION AFTER SERVICING.

PWR IN

L2 N L1

GND

J2

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TO RANGE
"RANGETOP" HARNESS
(SHEET 2)

TO RANGE
"RANGETOP" HARNESS
(SHEET 2)

POWER CORD, 6-FT, 240V, 40A (NEMA 14-50P)

WIRING DIAGRAM, KRDS365 036937

HESTAN

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DESCRIPTION

**SERVICE - RANGE, 5-BURNER, DUAL FUEL,
SMART GAS, 36"**

DRAWING NO

KRDS365-SERVICE

REVISION

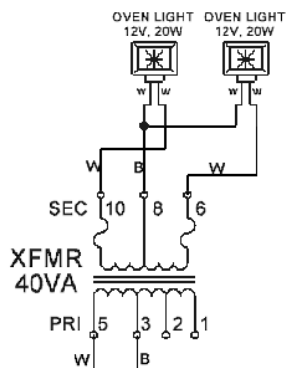
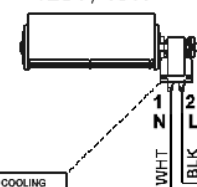
D

SHEET NO.

15 OF 18

WIRING DIAGRAM FOR DOOR LATCH # 021174

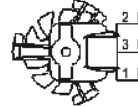
COOLING FAN
120V, 43W



DOOR SWITCH
(N.O.)

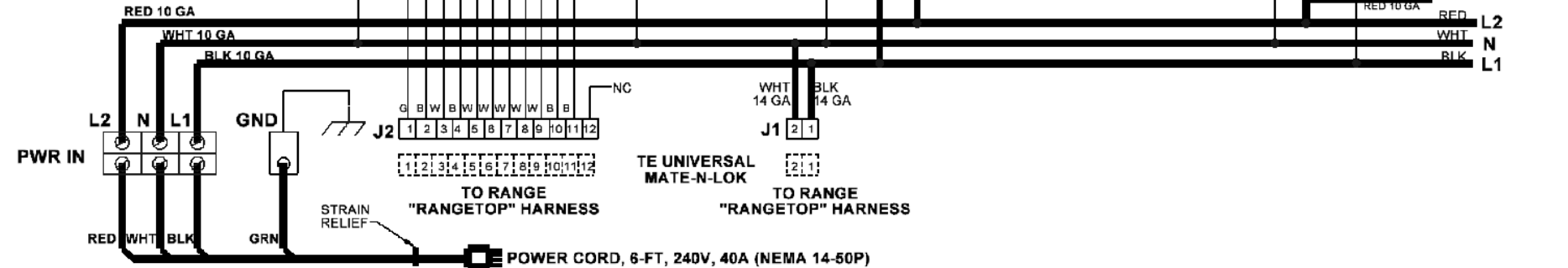


CONVECTION
FAN MOTOR
120V, 45/30W
2-SPEED



36" SMART RANGE "OVEN" MAIN WIRE HARNESS # 035221

CAUTION: LABEL ALL WIRES PRIOR TO
DISCONNECTION WHEN SERVICING CONTROLS.
WIRING ERRORS CAN CAUSE IMPROPER AND
DANGEROUS OPERATION.
VERIFY PROPER OPERATION AFTER SERVICING.



WIRING DIAGRAM, KRDS365 036937



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DESCRIPTION

SERVICE - RANGE, 5-BURNER, DUAL FUEL,
SMART GAS, 36"

DRAWING NO

KRDS365-SERVICE

REVISION

D

SHEET NO.

16 OF 18

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EOCU (Control Board) Errors		Display	Priority	Error	Detection	Action	How to Clear
		ERROR 01	A	Door Latch	Door lock is not at the unlocked position during a cook or a locked position during a clean.	If in clean cycle, cancel cycle and try to lock door. If door does not lock after 1 minute, then display error. If in a cooking cycle, try to cycle motor until it is in the unlocked state.	Turn oven knobs off. Power down and correct door lock issue.
		ERROR 02	A	RTD	Open or Short.	Cancel any cook or clean cycle, EOCU will be inoperable.	Turn oven knobs off. Power down and replace or plug in RTD.
		ERROR 03	A	Cooling Fan Hall Effect	EOCU is not receiving a square wave in the allowable frequency range.	Cancel bake or clean operation immediately.	Turn oven knobs off. Power down and correct cooling fan issue.
(Determined in UI. EOCU sends UI a 0 for meat probe temp.)		ERROR 04	B	Meat probe - Shorted	Meat probe input is shorted.	Cancel any cook by probe operation.	Correct short, re-enter timed or delay function.
		ERROR 06	A	Invalid Model Header	Model header is undefined.	This is read only at power up, EOCU will be inoperable.	Turn oven knobs off. Power down and insert correct model header. Possible Cause on 48" unit: 1. If both boards have no header, Main UI displays ERROR 06 and Companion UI displays ERROR 08. 2. If Main Oven has no header, Main UI displays ERROR 06 and
		ERROR 07	A	Door Switch	The door is open during CLEAN (either the door latch has failed, the door sensor has failed or the user has opened the door immediately after selecting CLEAN before the latch can engage).		Turn oven knobs off. Power down and correct door lock issue.
		ERROR 08	B	Communication Error	RS485 Serial Communication is lost or unable to establish connection between EOCU and any UI (if one is present).	The EOCU can still perform a cook if the UI is non-functioning and the user selected a cook cycle via the selector knobs. The EOCU will not however do a Clean cycle or Preheat since it doesn't know if the other unit is currently operating (for double ov	Turn oven knobs off. Power down and correct issue. Possible Cause: 1. P19 connection is disconnected. - Single-board system (30" & 36") - UI displays error. - Double-board system (48") - Both UIs display error. 2. P12 to UI connection using 024
		ERROR 09	A	Temperature Run-Away	Control detects temperature greater than or equal to 610 degrees F in a non-Self Clean cycle.	Go into error mode and shut down oven.	Turn oven knobs off. Power down and replace the EOCU.
UI (Touch Screen) Errors		Display	Priority	Error	Detection	Action	How to Clear
		ERROR 20	B	Shorted Key	UI detects one or more keys are shorted for longer than 1 minute.	Cancel any timed cycle or delay start.	Replace UI.
		ERROR 08	B	Communication Error	RS485 Serial Communication is lost or unable to establish connection to EOCU(s).	Cancel any timed cycle or delay start.	Replace UI or fix issue. Same as ERROR 08 above.
Error Priority		Description					
A		Critical Error, Cancel current cycle, Turn off all elements.					
B		Non-Critical, Cancel only the feature that is affected, allow oven to still operate.					

WIRING DIAGRAM, KRDS365 036937



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DESCRIPTION

**SERVICE - RANGE, 5-BURNER, DUAL FUEL,
SMART GAS, 36"**

DRAWING NO

KRDS365-SERVICE

REVISION

D

SHEET NO.

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