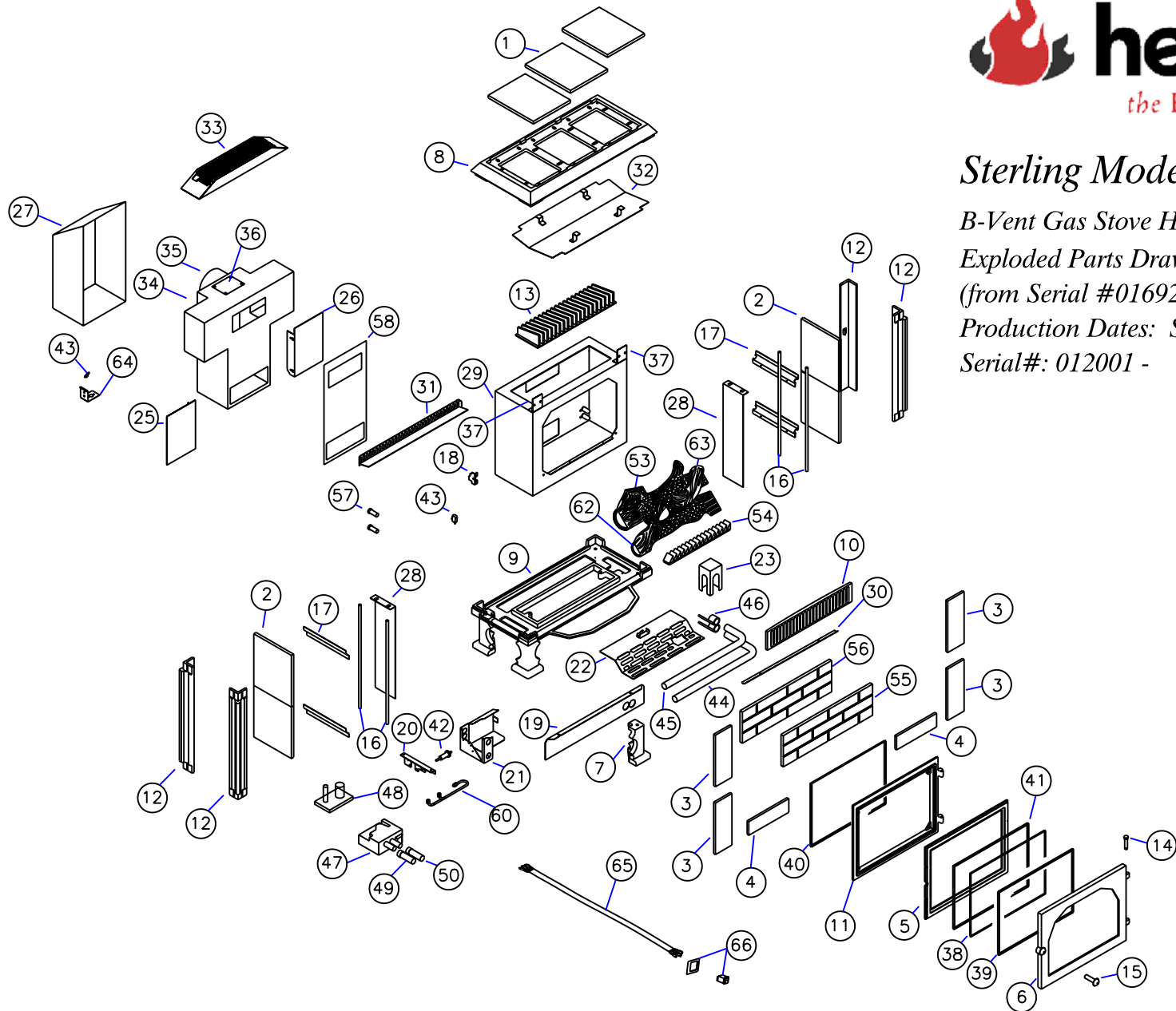


## *Sterling Model #8521*

*B-Vent Gas Stove Heater*

*Exploded Parts Drawing Revision 1.7  
(from Serial #016925)*

*Production Dates: September 1996 -  
Serial#: 012001 -*





As of: 06/10/2009

Model: Sterling B-Vent #8521  
 Production Dates: September 1996 -  
 Serial #: 012001 -

Note: You must specified color for cast iron parts which are available in enamel.

Key	Part #	Description	
1	1546-462	Top Stone 8" x 9 1/2" Beveled 4 sides	Must specify stone color.
2	1546-462A	Side Stone 8" x 9 1/2" Beveled 2 sides	Must specify stone color.
3	1546-463	Front Side Stone 3 1/2" x 9 1/2"	Must specify stone color.
4	1546-464	Front Bottom Stone 2 1/2" x 8 1/2"	Must specify stone color.
5	2421-316	Glass Frame	
6	2510-219RS	Front Door	
7	2510-303	Bottom Leg	
8	2510-401	Top Casting	
9	2510-402	Bottom Casting	
10	2510-403F	Front Grill	
11	2510-411RF	Front Door Frame	
12	2510-413	Side Leg (Corner Post)	
13	2510-420	Heat Exchanger	
14	4400-0300	Hinge Pins (3/16 x 1 3/8 Rivet)	
15	4500-2160	Front Door Screw (10-24 x 1 1/4 )	
16	5210-2325	Threaded Rod (3/8-16 x 22")	
17	5500-2408	Stone Clip	
18	5500-2424	Spill Switch Bracket	
19	5501-110	Front Façade	
20	5501-115	Piezo/Valve Bracket	
21	5501-120	Valve Door w/Hinge	
22	5501-150	Inlet Plenum/Log Rack	
23	5501-155	Primary Air Cover	
24	5501-165	Shutter Clamp	
25	5501-205	Rear Cover - Left	
26	5501-206	Rear Cover - Right	
27	5501-210	Air Inlet Scoop	
28	5501-480	Side Shield	
29	5501-501	Firebox	
30	5501-570	Ceramic Panel Bracket	
31	5501-580	Fire Baffle	
32	5501-584	Top Shield	
33	5501-590	Rear Top Grille	
34	5501-610	External Heat Exchanger	

35	5501-615	Exit - Round
36	5501-616	Exit - Cover Plate
37	5501-700	Front Grill Bracket
38	3030-025	Door Glass
39	3110-056	Front Door Gasket 1/4"
40	3110-057	Front Frame Gasket 3/8"
41	3160-080	Glass Gasket 3/4 x 1/16"x4 1/2'Window Tape
42	7210-103	Piezo Igniter
43	7211-026	Flue Spill Switch
44	7211-212	Front Burner
45	7211-202	Rear Burner
46	7211-220	Burner Tube Air Shutter
47	7211-320	S.I.T. Valve 50%
<b>48</b>	<b>7211-372</b>	<b>4 Way Top Convertible Pilot Assembly</b>
		Includes:
	7211-009	Pilot Gas Tube w/fittings
	7211-470	Thermocouple 1 1/2" long body
	7210-090	Thermopile w/metal wrap
	7211-430	Ceramic Electrode w/ Piezo wire
	7211-391	4 way pilot hood
	7211-163	Pilot orifice NG .62mm
49	7211-402	Low/Hi Extension Knob
50	7211-401	Off/Pilot/On Extension Knob
53	7211-502	Back Log
54	5500-2402	Ember Support Screen
55	7211-510	Ceramic Rear Panel
56	7211-511	Ceramic Top Panel
57	7200-120	#55 NG Burner Orifice
58	3160-915	Rear Gasket 9" x 15 1/8"
60	7211-051	Gas Manifold
62	7211-504	Front Log
63	7211-503	Center Log
64	5500-2424	Flue Spill Switch Bracket
65	7000-032	On/Off/T-Stat Wire Harness
66	7000-200	On/Off/T-Stat Switch
	<b>95-57210</b>	<b>Log Set Includes:</b>
	7211-502	Back Log
	7211-503	Center Log
	7211-504	Front Log
	5500-2402	Ember Support Screen
	7211-558	Charcoal Embers 2oz.
	3170-150	Platinum Bright Embers
	<b>94-58405</b>	<b>Glass Assembly</b>
		Includes:
	3030-025	Glass 11 5/16" x 15 19/32" x 5mm
	3160-080	4 1/2' of 3/4" x 1/16" Gasket Tape
	<b>90-56920</b>	<b>Wall Thermostat Kit</b>
		Includes:
	7000-015	40' 18/2 Thermostat Wire
	7200-506	Millivolt Wall Thermostat

<b>95-56210</b>	<b>NG Conversion Kit Top Convertible</b>
7200-129	(2) #44 NG Burner Orifice
7211-163	.62mm NG Pilot Orifice
7211-312	NG Regulator 50% Turn Down
<b>95-56211</b>	<b>LP Conversion Kit Top Convertible</b>
7200-120	(2) #55 LP Burner Orifice
7211-136	.35mm LP Pilot Orifice
7211-313	LP Regulator 50% Turn Down
<b>Misc</b>	<b>Labels On Unit</b>
3300-334	On/Off/T-Stat Label
3300-111	Caution Label
3300-130	Safety Rating Label
3300-133	Fuel Conversion Label
3300-210	Lighting Instructions