



WHEN ORDERING PARTS - ALWAYS STATE:
MODEL NO. - PRODUCT NO. - QUANTITY -
PART NO. - DESCRIPTION

USA
SERVICE OFFICE
Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761
(260) 463-4858

CAL SERIES

ROOF MOUNT

CARAVAN AIR CONDITIONER

CAL MODELS
WITH OPTIONAL ELECTRIC HEAT
220/240 VAC, 50Hz.

MODEL **CAL136.312** **PRODUCT NO. 991650423**

PARTS LIST

MODEL
CAL136.312

INCLUDES "C" SUFFIX
Product No.
991650423

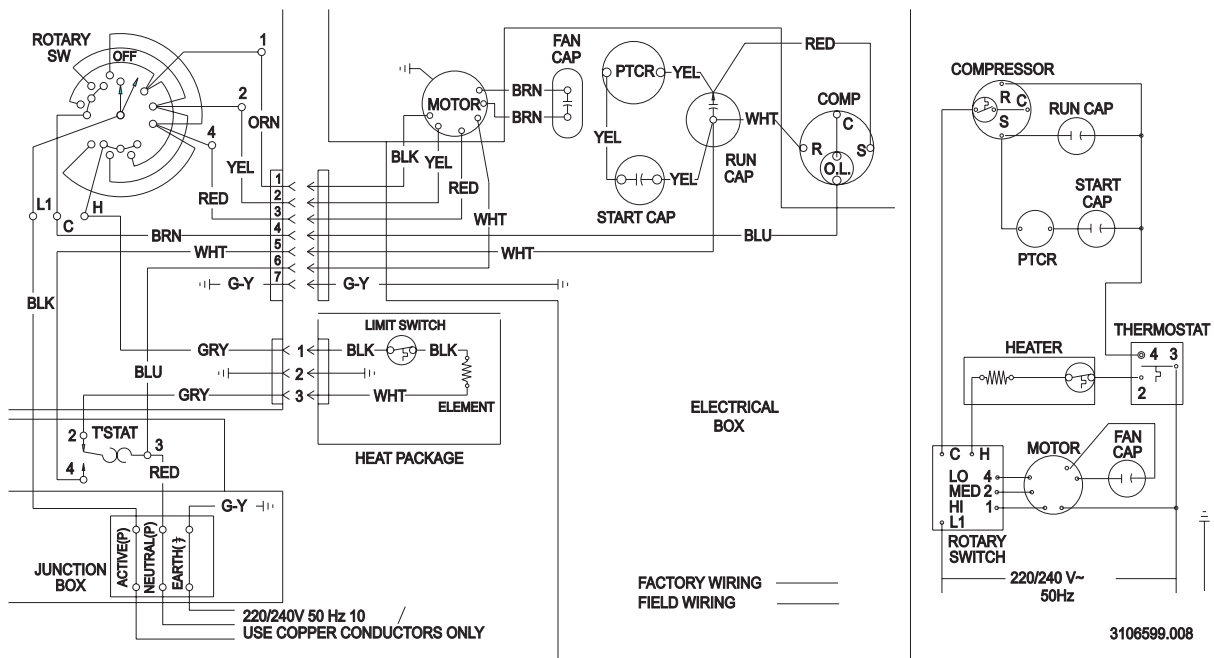
NOTES: _____

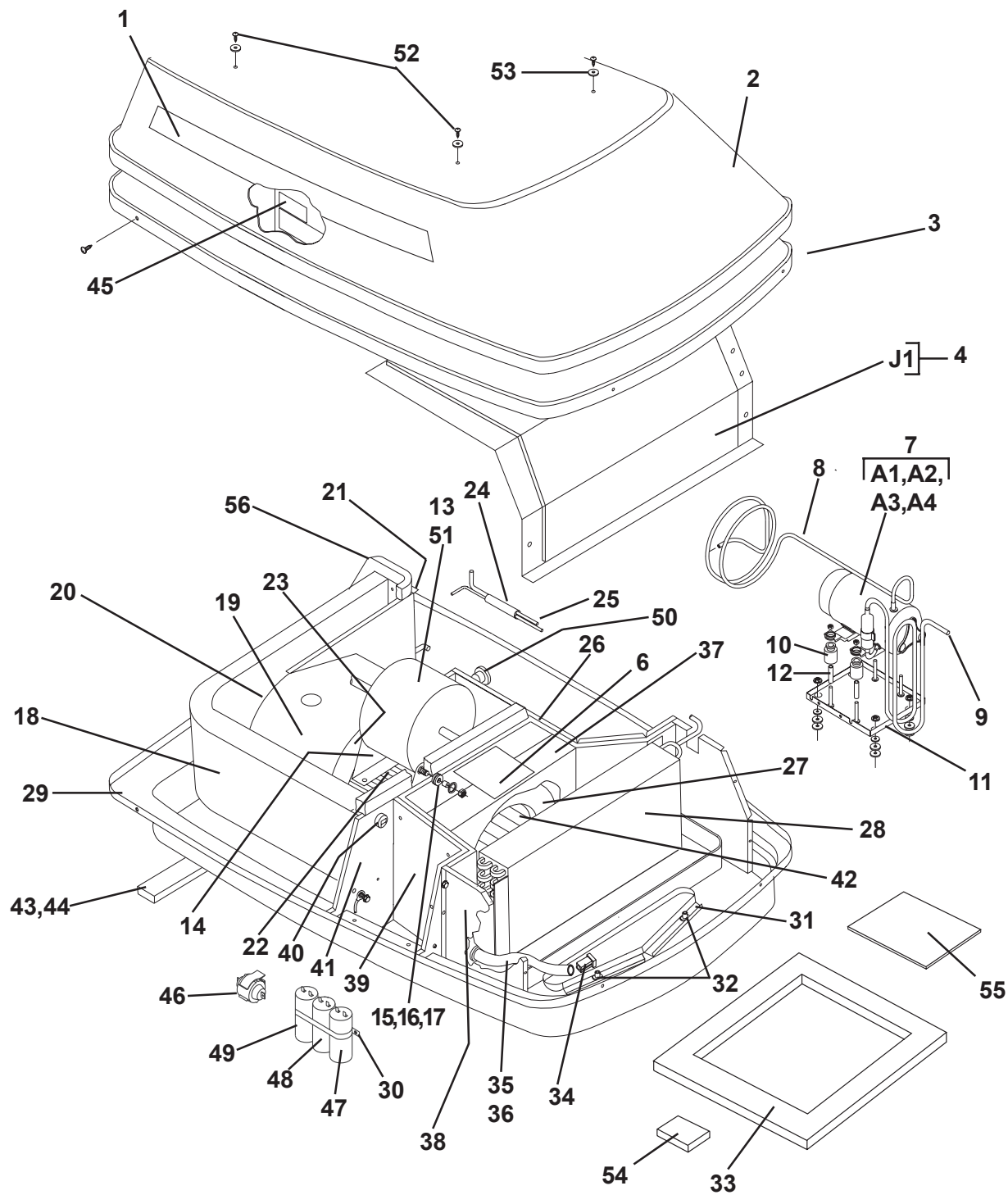
SPECIFICATIONS

MODEL	CAL136.312
AC input (KW)	3.2
Electrical Rating	220 - 240V, 50 Hz, 1 Phase
Comp FL Amps	5.1
Comp Locked Rotor Amps	26.0
Motor FL Amps	1.6
Motor Locked Rotor Amps	4.4
Refrigerant R22	482 grams
Heater input (KW)	1.6
Heater Amps	6.3
Wire Size	Up to 8 meters, use 1mm ² Copper
*Minimum Generator size	1 Unit 3.5 KW 2 Units 5.0 KW

* The Dometic Corporation gives **GENERAL** guidelines for generator requirements. These guidelines come from experiences people have had in actual applications. When sizing the generator, the total power usage of your recreational vehicle must be considered. Also keep in mind generators lose power at high altitudes and from lack of maintenance.

WIRING DIAGRAM CAL136.312

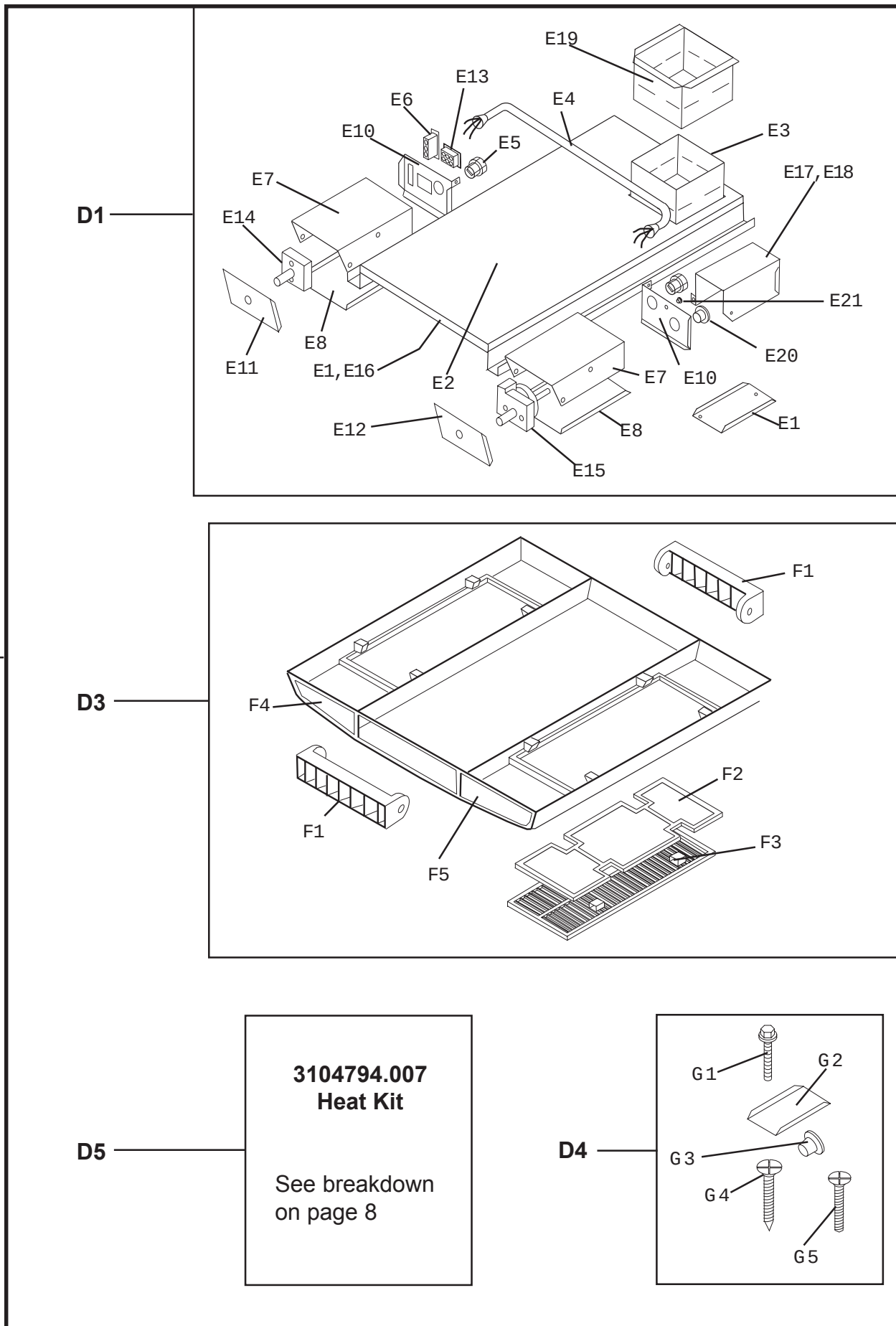




Index #	Description	Part No.
1	Decal, shroud(2 req.)	3104799.006
2	Shroud, outer	See Note 1
3	Shroud, inner	3101886.004
4	Cover, evaporator	3102514.803
J1	Insulation, Evap Cover	3107629.002
6	Insulation, Blower Housing	3105014.041
7	Compressor Asm. (Sanyo 80609045)	3102790.007
A1	Cover Terminal	3102321.001
A2	Gasket, Terminal Cover	3102320.003
A3	Protector, overload	3100250.251
A4	Nut, Flange	306342.002
8	Line, discharge	3107071.007
9	Suction, line	3105017.010
10	Grommet, comp. (4 req.)	3100238.181
11	Plate, weld comp.	3104988.005
12	Sleeve, comp. (upper) 4 req.	3100239.072
13	Motor, blower CAL 220V-50 Hz	3106068.012
14	Bracket, motor mtg. (2 req.)	3100258.007
15	Grommet, motor mtg. (4 req.)	3100230.022
16	Space, motor mtg. (4 req.)	308046.002
17	Nut & lock washer (4 req.)	311260.003
18	Coil, condenser	3101467.003
19	Blower, scroll	3100260.003
20	Blower, side rear	3100261.001
21	Plate, close off	3100256.001
22	Wheel, blower	3100386.006
23	Blower, side front	3100259.005
24	Dryer, filter	3103882.001
25	Tubes, capillary (2 req.)	3100245.392
26	Bulkhead, compressor	3102511.056
27	Blower, housing evap.	3100300.007
28	Coil, evaporator	3104573.005
29	Pan, base modified	3103179.010
30	Strap, capicator	317188.000
31	Bracket, mtg.	3100297.005
32	Nut, w/clip (3 req.)	3100280.027
33	Gasket, mtg. (14 x 14)	3100247.000
34	Plug, male (9-pole)	3106625.027
35	Strain, relief (2 req.)	3100486.020
36	Sleeving, wire	318087.009
37	Insulation, Set, Blwr Hsg	3108903.000
38	Bulkhead, insulation	3100266.000
39	Bulkhead, elec. box	3102532.029
40	Strain, relief (2 req)	302994.011
41	Bulkhead, evaporator	3100254.055
42	Wheel, evaporator	3100385.008
43	Gasket (1.5 x 16) 2 req.	3100286.016
44	Gasket (1.5 x 10)	3100286.032
45	Decal, field wiring	3106599.008
46	Relay, PTCR	3100876.006
47	Capacitor (Run)	3100248.396
48	Capacitor (Start)	3100236.235
49	Capacitor (Fan)	3100248.222
50	Bushing, snap in	301028.037
51	Plate, motor mtg.	3104987.007
52	Screw, shroud (4 req.)	313685.005
53	Washer, shroud (4 req.)	309513.023
54	Block, foam (2 req)	3100587.009
55	Insulation, blwr hsg bottom	3100294.002
56	Tape, foam (20" Req)	306168.000
Note 1:	For Shell White shroud use	3108707.302
	For Polar White shroud use	3108707.310

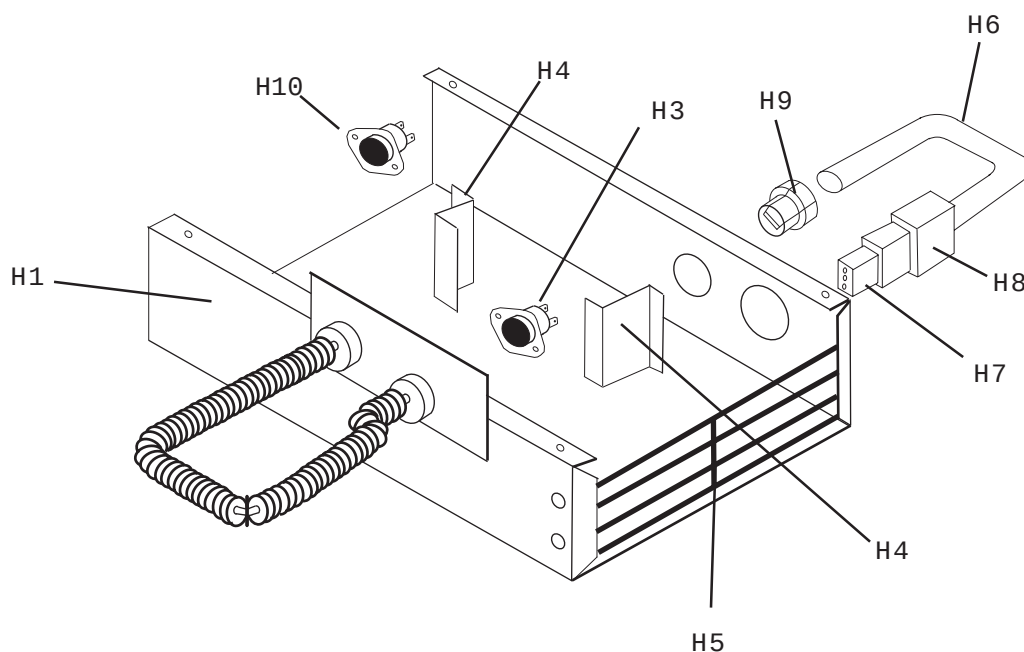
Customer Option

Box Asm., Complete Air - Shell White	3100292.063
Box Asm., Complete Air - Polar White	3100292.121
Kit, Analog Thermostat	3108255.005
Duct Extension	318556.000
Bolt Kit, 6"	3100895.006



Index #	Description	Part Number	Part Number
C	Box Asm, Cmplt - Shell White (D1 - D5)	3100292.063	-----
	Box Asm, Cmplt - Polar White (D1 - D5)	-----	3100292.121
D1	Template, Ceiling (E1 - E21)	318716.012	318716.012
E1	Template	3100265.028	3100265.028
E2	Insulation,	3107133.005	3107133.005
E3	Duct, Extension Extension	3100342.017	3100342.017
E4	Sleeve, Wire	318087.007	318087.007
E5	Strain Releif (2 req)	302994.017	302994.017
E6	Cap, Conn Housing	3106624.004	3106624.004
E7	Box, Jct (2 req)	3100275.001	3100275.001
E8	Cover jct Box (2 req)	3100278.013	3100278.013
E9	Back, LH Box	3100299.019	3100299.019
E10	Back, RH Box	3100279.011	3100279.011
E11	Front, LH Box	3105271.005	3105271.005
E12	Front, RH Box	3100277.031	3100277.031
E13	Cap Conn Housing	3106624.020	3106624.020
E14	Switch, Rotary	3100488.000	3100488.000
E15	Thermostat	3100952.005	3100952.005
E16	Decal, Field Wiring	3106599.008	3106599.008
E17	Box jct	3100231.012	3100231.012
E18	Block Terminal	3102249.004	3102249.004
E19	Duct, Upper Extension	3100262.025	3100262.025
E20	Bushing, Snap-in	301028.025	301028.025
E21	Bushing, Snap-in	301028.040	301028.040
D3	Assembly,Air Box - Shell White (F1 - F3)	3100288.053	-----
	Assembly,Air Box - Polar White (F1 - F3)	-----	3100288.079
F1	Loover asm (2 req)	3100289.002	3100289.002
F2	Filter, Air	3100281.009	3100281.009
F3	Grill, Filter	3100270P002	3100270.010
D4	Kit, Parts Bag (G1 - G5)	3108706.049	3108706.049
G1	Bolt, Mtg 1/4-20x6" (3 req)	3106756.012	3106756.012
G2	Cover, Jct Box	3100232.002	3100232.002
G3	Knob, Black (2 req)	3106121.001	3106121.001
G4	Screw10-16x.5" (10 req)	312096.015	312096.015
G5	Screw, 8-32x0.38	317224.004	317224.004
D5	Kit Electric Heat (see breakdown Pg. 8)	3104794.007	3104794.007

D5 ELECTRIC HEAT KIT 3104794.007



Index #	Description	Part Number
D5	Kit, Electric Heat (H1 - H10)	3104794.007
H1	Shield, Element	3100264.005
H3	Switch, Auto Limit	3100962.020
H4	Bracket Heating Element (2 req)	3106089.000
H5	Grill	3100378.003
H6	Sleeving, Wire	318087.004
H7	Plug, Connector	3106625.001
H8	Relief Strain (2 req)	3100486.012
H9	Relief, Strain	302994.018
H10	Switch, Manual Limit	3100962.012