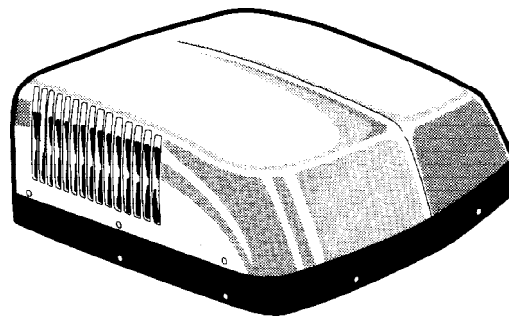




WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

MODEL 59144.501C CAB COMFORT A/C



USA

SERVICE OFFICE
The Dometic Corp.
509 South Poplar Street
LaGrange, IN 46761
219-463-4858

CANADA

Dometic Dist.
866 Lings Dr.
Cambridge, Ontario
CANADA N3H 2N7
519-653-4390

For Service Center
Assistance Call:
800-544-4881

PARTS LIST

**MODEL
59144.501C**

Product No. 991730647

REVISION

Form No. 3107893.038 6/00
(Replaces 3107893.020)
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LaGrange, IN 46761

NOTES:

[illegible]

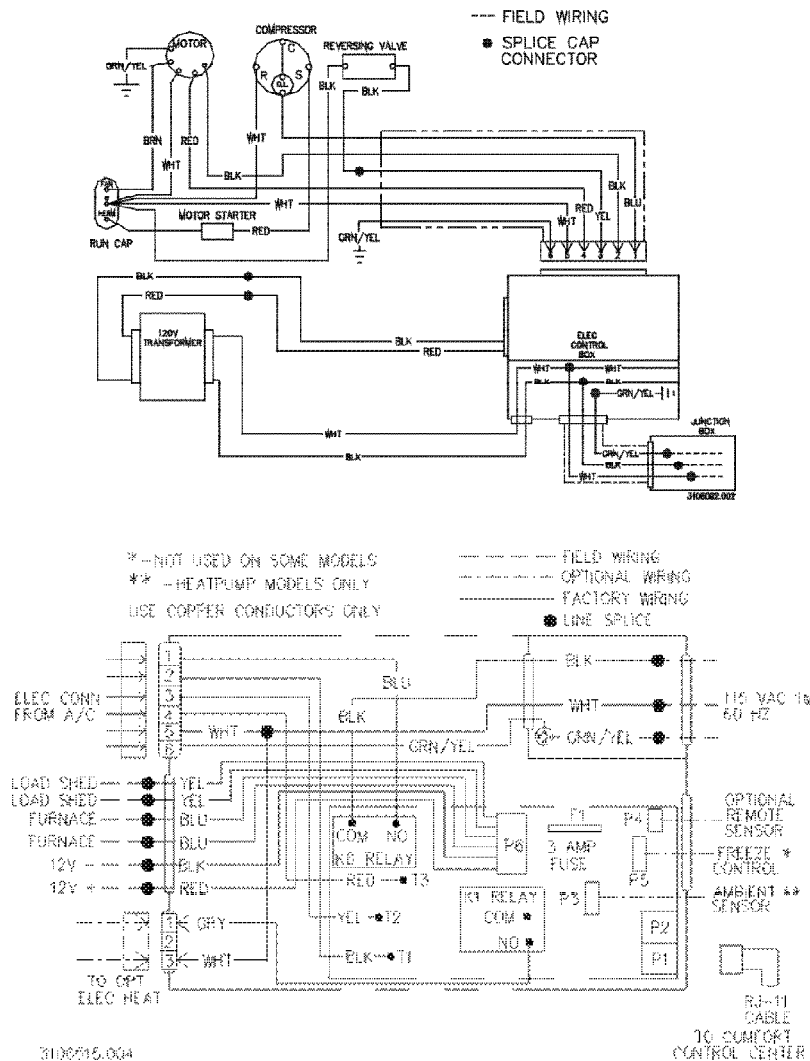
ALPHABETICAL INDEX

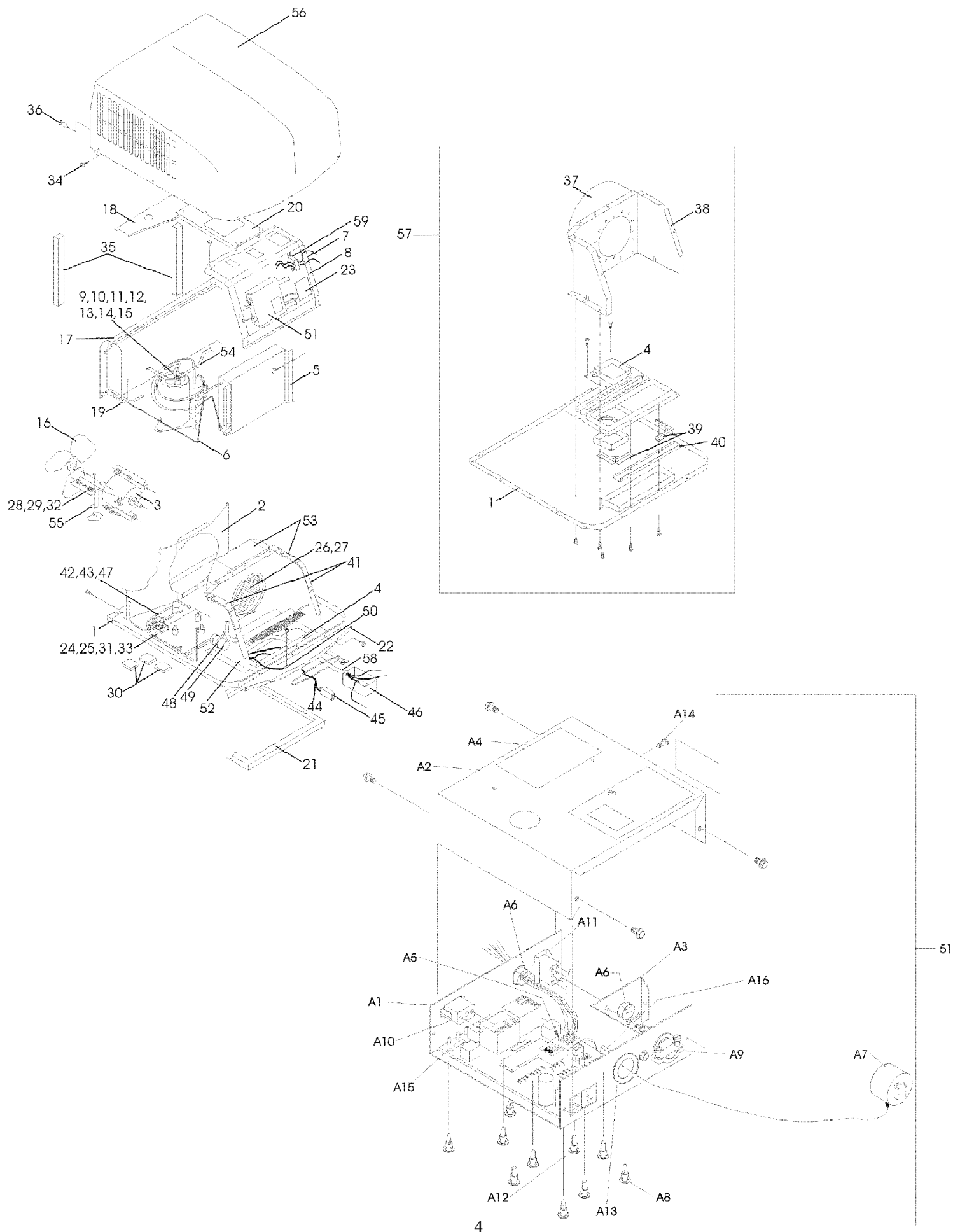
	Page	Index No.
Cab Comfort AC	5	1-59
Complete Air Box Asm.	6-7	B-E
Specifications	3	—
Wiring Diagram	3	—

SPECIFICATIONS

MODEL NO.	59144.501C
Nominal Capacity (BTU/HR)	5,000
Electrical Rating	115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps	4.4
Fan Motor Rated Load Amps	.75
Compressor Locked Rotor Amps	29.0
Fan Motor Locked Rotor Amps	1.5
Power, Cooling (KW)	.59
SCFM - High Speed Max./Min.	130
Refrigerant (R22) Oz.	20.0
Minimum Wire Size *** AC	14 AWG Copper Up to 24 ft.
Circuit Protection	15 Amp Time Delay Fuse
Installed Weight (Pounds)	78
Minimum Generator	3.5 KW

FIELD WIRING DIAGRAM





MODEL 59144.501C CAB COMFORT A/C

Index #	Description	Part No.
1	Base pan	See NOTE 1
2	Bulkhead, condenser	3102771.007
3	Motor, fan	3107324.000
4	Drain pan	See NOTE 1
5	Coil, evaporator	3107334.009
6	Tube, capillary	3100245.400
7	Cover, evaporator	3102773.011
8	Insulation, foam	3105014.066
9	Compressor asm.	3107323.002
10	Cover, terminal	3105581.007
11	Gasket, terminal	3102549.007
12	Terminal Nut	3102550.005
13	Nut Gasket	3102551.003
14	Protector, overload	3100250.350
15	Spring, overload	3102552.001
16	Blade, fan	3102779.000
17	Coil, condenser	3107335.006
18	Cover, condenser	309383.000
19	Process Line	20309.007
20	Brace, bulkhead	3100357.023
21	Gasket, mounting	3100247.000
22	Channel, front	3102811.001
23	Decal, field wiring	3108092.002
24	Sleeve, compressor mounting (3 req.)	3100239.155
25	Grommet, compressor (3 req.)	3100238.215
26	Wheel, blower	3107779.005
27	Ring, blower inlet	303692.000
28	Grommet, motor (4 req.)	3100230.022
29	Spacer, motor mount (4 req.)	308046.002
30	Block, ethafoam (7 req.)	3100587.009
31	Plate, compressor mounting	3107481.024
32	Nut, flange (4 req.)	306342.003
33	Nut, flange	306342.002
34	Screw, shroud	313685.001
35	Foam Tape (2 req.)	3102669.037
36	Screw, shoulder (2 req.)	3102834.003
37	Housing, blower weldment	3102782.004
38	Bulkhead, evaporator	3102772.039
39	Bracket, mounting (3 req.)	3106290.012
40	Brace, front	See NOTE 1
41	Foam Tape (57" req.)	312790.000
42	Solenoid, coil	3105504.009
43	Wire Harness, Reversing Valve	3105505.014
44	Control Cable RJ11	3106614.021
45	In Line Coupler	3106696.002
46	Box, junction	3101316.036
47	Reversing Valve weldment	3107501.003
48	Strap, capacitor	317188.000
49	Capacitor, fun/fan	3100248.362
50	Sensor, ambient	3106483.005
51	Control Kit Assembly	3106481.025
A1	Box, A/C control	3106496.007
A2	Cover, A/C control	3106499.001
A3	Box, junction	3106497.005
A4	Decal, field wiring	3106515.004
A5	Connector, asm.	3106532.009
A6	Relief, strain (2 req.)	302994.001
A7	Switch, low temperature	3106480.001
A8	Standoff, PC board (4 req.)	3101624.017
A9	Connector, cable	20010.000
A10	Connector Asm.	3106513.017
A11	Connector asm.	3106514.015
A12	Support, PC board (6 req.)	3101623.019
A13	Bushing, snap-in	301028.042
A14	Screw, T 8-32 x .38	307987.007
A15	Board, AC power	3106482.015
A16	Fuse, 3 amp	3106592.003
52	Foam Fabricated	3107588.000
53	Insulation, set	316109.002
54	Bar, compressor support	3107625.000
55	Support, motor	3103844.043
56	Shroud	3107842.001
57	Base Pan Kit	3108700.315
58	Fiberglass Sleeving, 3/8" OD x 25"	3100394.109
59	Transformer, 120V/12V	3108074.000

Note 1:

Not available as individual part.
Order Base Pan Kit Number 3108700.315.
Kit includes Items 1, 4, 37, 38, 39, & 40.

CUSTOMER OPTIONS - Required:

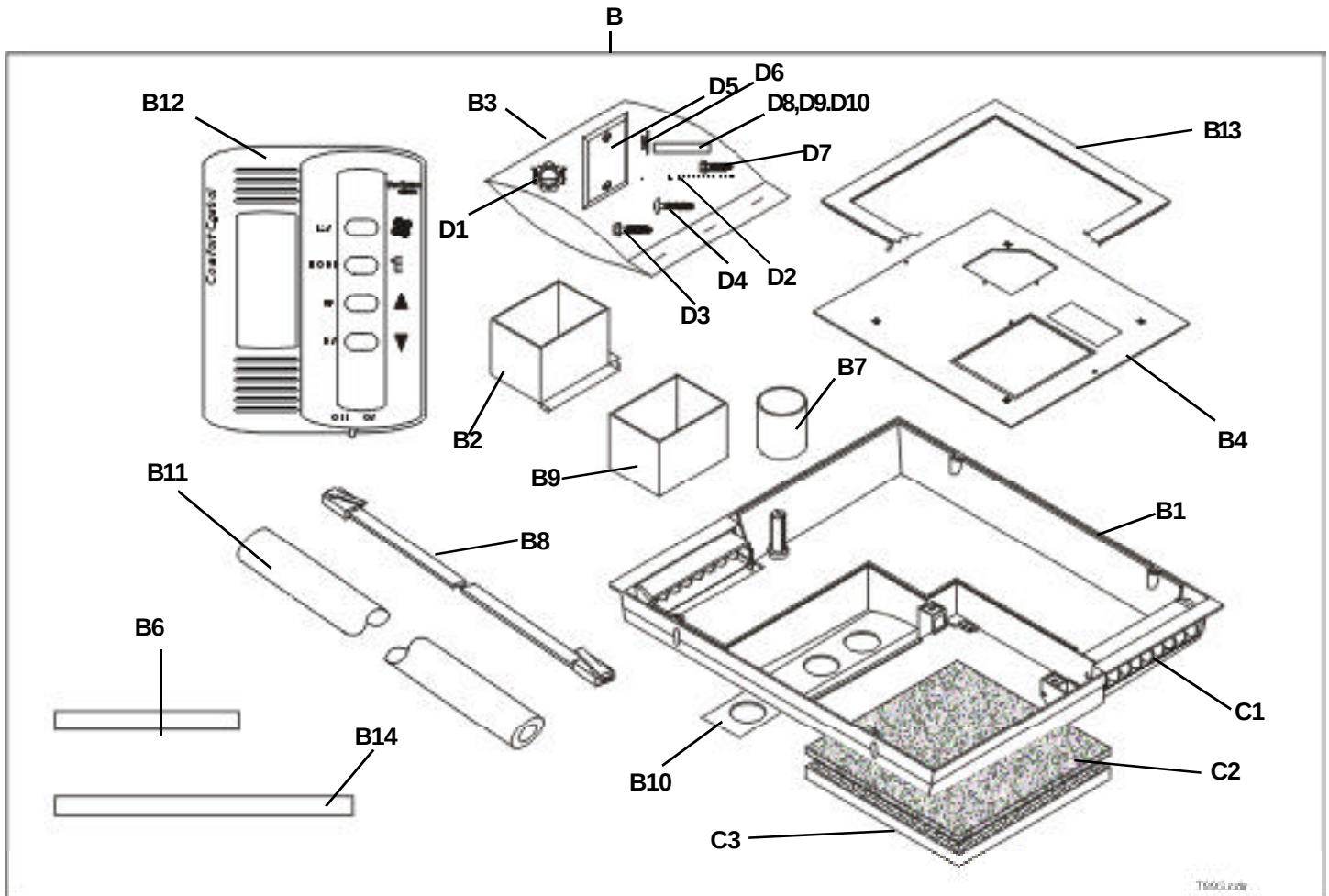
Box Asm., Complete Air PW w/ Plates 3107570.016
Box Asm., Complete Air PW w/o Plates 3108083.001

CUSTOMER OPTIONS - Not Required:

Pack inverter 3107527.008

COMPLETE AIR BOX ASSEMBLY

Index #	Description	Part No.
B	Air Box Assembly, Complete	3107570.016
B1	Air Box Assembly, Heat/Cool, PW	3107188.033
C1	Louver Assembly (2 req.)	3107189.007
C2	Return Air Grill, PW	3107053.005
C3	Return Air Filter	3108015.003
B2	Upper Duct Extension	316450.000
B3	Parts Bag Assembly, PW	3107194.023
D1	Connector, Cable	20010.000
D2	Screw, M 1/4"-20 x 5" (4 req.)	3106756.046
D3	Screw, S #8-18 x .62 PHCR (4 req.)	312096.004
D4	Screw, T 10-24 x 1/2" (5 req.)	312194.002
D5	Junction Cover	3101316.028
D6	Hole Plug, PW	3104931.013
D7	Screw, S 10-16 x 1/2" (2 req.)	307879.004
D8	Nylon Loop Tape (6" req.)	3104188.002
D9	Nylon Hook Tape (6" req.)	3104188.010
D10	Foam Tape (10" req.)	312790.000
B4	Inside Ceiling Plate	3107730.008
B6	Foam Tape, 1/2" x 1/4" x 10"	312790.000
B7	Fiber Tube Spacer, 2.20" x 2.00" ID	3105677.011
B8	Control Cable, 216"	3106614.013
B9	Lower Duct Extension	313605.003
B10	Escutcheon Plate	3107534.004
B11	PVC Pipe, 15"	3107732.004
B12	Comfort Control Center	3106463.007
B13	Outside Roof Plate	3107731.006
B14	Sealing Tape, .031" x 1.75" x 64"	3107090.007



Index #	Description	Part No.
E	Air Box Assembly, Complete	3108083.001
E1	Air Box Assembly, Heat/Cool, PW	3107188.033
F1	Louver Assembly (2 req.)	3107189.007
F2	Return Air Grill, PW	3107053.005
F3	Return Air Filter	3108015.003
E2	Upper Duct Extension	316450.000
E3	Parts Bag Assembly	3107194.023
G1	Cable Connector	20010.000
G2	Screw, M 1/4-20 x 5" (4 req.)	3106756.046
G3	Screw, S #8-18 x .62 PHCR (4 req.)	312096.004
G4	Screw, S 10-24 x 1/2" (5 req.)	312194.002
G5	Junction Cover	3101316.028
G6	Hole Plug, PW	3104931.013
G7	Screw, S 10-16 x 1/2" (2 req.)	307879.004
G8	Nylon Loop Tape (6" req.)	3104188.002
G9	Nylon Hook Tape (6" req.)	3104188.010
G10	Foam Tape (10" req.)	312790.000
E5	Control Cable 216"	3106614.013
E6	Escutcheon Plate	3107534.004
E7	Fiber Tube Spacer, 2.20" x 2.00" ID	3105677.011
E8	Comfort Control Center	3106463.007
E9	Ceiling Template Assembly	3107193.009
H1	Lower Extension	313605.003
H2	Foam Tape (22.5" req.)	3107890.000

