



Bill of Materials

Z-12 Single Battery, Dual Alternator Electrical System (Rev. M, 12/28/05)

<u>REF</u>	<u>NOTES</u>	<u>PART NUMBER</u>	<u>QTY</u>	<u>DESCRIPTION</u>
1	*	FH-6	1	Fuse Block, 6-position
2		ODS-AGM16L (or equal)	1	Battery, 16AH (Odyssey PC680)
3		S701-1	1	Contactora, Continuous Duty (w/ 1N5400 Diode)
4		BUSBAR	2	Bus Bar Stock, Brass, .025"x.50"x12"
5		CB5	2	Circuit Breaker, 5A
6		CB2	2	Circuit Breaker, 2A
7		CB7.5	1	Circuit Breaker, 7.5A
8		GB48	1	Ground Bus, 48 position
9		S700-2-10	1	Switch, Toggle, 3-position, ON-ON-ON
10		S700-1-3	4	Switch, Toggle, 2-position, ON-ON
11		221-201	1	Essential Bus Diode w/ Heatsink (15 Watt)
12		SB1B-14	1	Alternator Controller, Standby, 14v (w/ light)
13		BC410-H	1	Alternator, Auxiliary, 20A
14		218-300	1	Current Sensor, Hall Effect
15		(per manufacturer)	1	Shunt, 20A, 50mv
16		FLK-1	1	Fusible Link Kit (makes 4 fuse links)
17	#	C903-1	2	Current Limiter, Base
18	#	C905-40	1	Current Limiter, 40A
19		C905-60	1	Current Limiter, 60A
20		(per manufacturer)	1	Shunt, 60A, 50mv
21		LX60	1	Alternator, 60A
22		LR3D-14	1	Alternator Controller, Primary, 14v (w/ light)
23		S702-1	1	Contactora, Intermittent Duty (Starter)
24		BC315-100-x	1	Starter, 12v, 122 Tooth (-1) or 149 Tooth (-2)
25		S895	1	Push-to-Start Switch (w/ Button Guard)

NOTES

* In some installations, an in-line fuseholder (P/N: IFH-2) or bus bar (P/N: BUSBAR) may be substituted for the indicated fuse block.

The more robust ANL Current Limiter (and Base) are recommended to protect B-lead wiring & associated components on the BC410-H, rather than the fusible link originally listed in Z-12.