

SYMBOL	REVISION	DRAWN	APPRVD
A	DELETED ITEM 22; ITEM 13 QTY WAS 1	TH	5/11/07
B	CHG'D SCHEM REPRESENTATION OF ITEM 3	TH	5/14/07

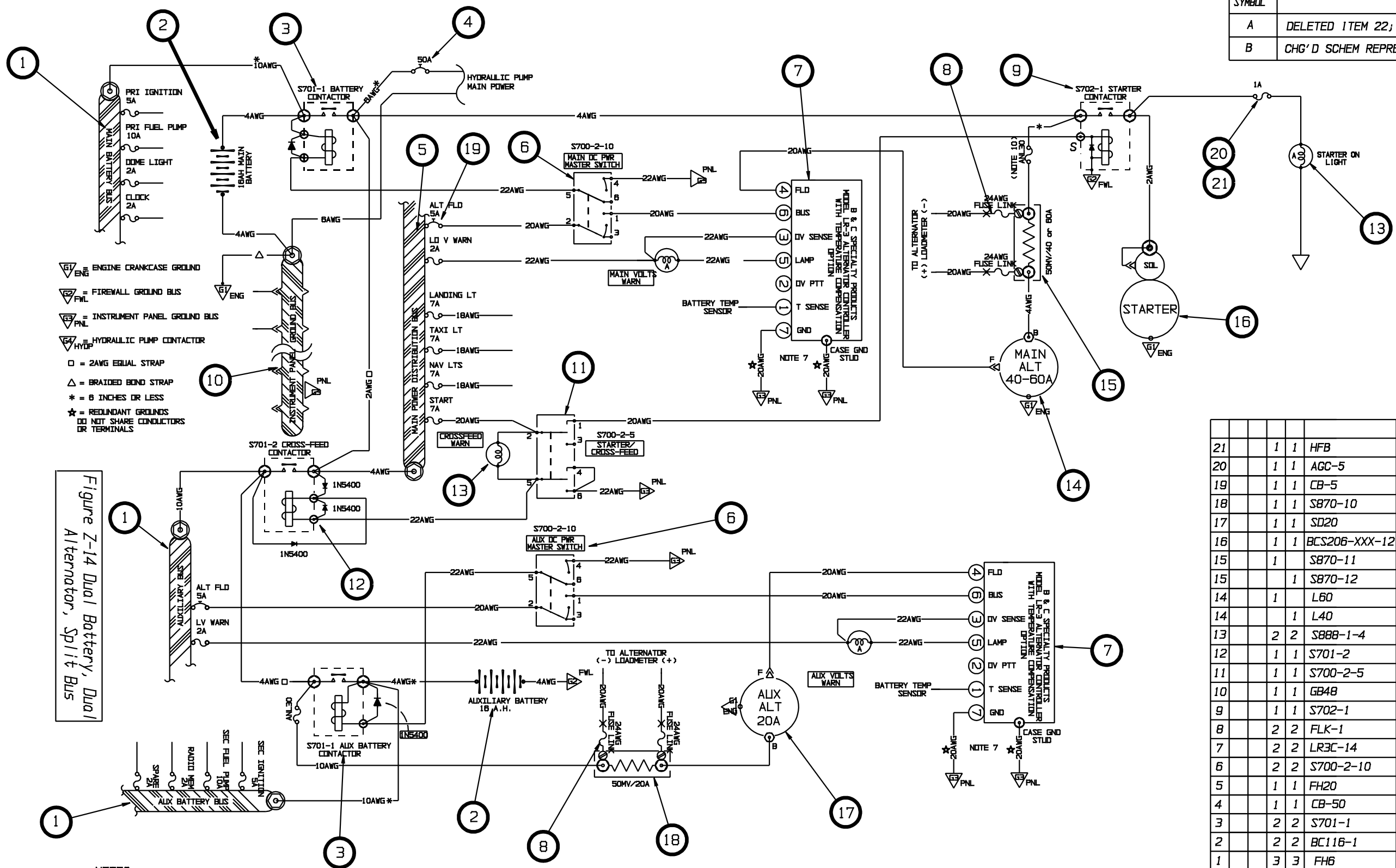


Figure Z-14 Dual Battery, Dual Alternator, Split Bus

ITEM	QTY	DESCRIPTION	PART NUMBER	MANUFACTURER
21	1	HFB	HOLDER, FUSE, IN-LINE	
20	1	AGC-5	FUSE	
19	1	CB-5	CIRCUIT BREAKER, 5 AMP	
18	1	S870-10	SHUNT, 50 MV, 20 AMP	
17	1	SD20	ALTERNATOR, 20 AMP, SPLINE DRIVE	
16	1	BCS206-XXX-12	STARTER, 12V, 122 OR 149 TOOTH RING PER XXX	
15	1	S870-11	SHUNT, 50 MV, 60 AMP	
15	1	S870-12	SHUNT, 50 MV, 40 AMP	
14	1	L60	ALTERNATOR, 60 AMP, BELT DRIVE	
14	1	L40	ALTERNATOR, 40 AMP, BELT DRIVE	
13	2	S888-1-4	WARNING LAMP, AMBER	
12	1	S701-2	CONTACTOR, CONT. DUTY, XFEED, DIODES INCL.	
11	1	S700-2-5	SWITCH, TOGGLE, 3 POSITION, ON-OFF-(ON)	
10	1	GB48	GROUND BUS ASSEMBLY	
9	1	S702-1	CONTACTOR, INT. DUTY	
8	2	FLK-1	FUSE LINK KIT (MAKES 2 FUSE LINKS)	
7	2	LR3C-14	REGULATOR, 14V, w/LAMP	
6	2	S700-2-10	SWITCH, TOGGLE, 3 POSITION, ON-ON-ON	
5	1	FH20	FUSE HOLDER, 20 POSITION	
4	1	CB-50	CIRCUIT BREAKER, 50 AMP	
3	2	S701-1	CONTACTOR, CONT. DUTY, DIODE INCLUDED	
2	2	BC116-1	BATTERY, 16 AH, SEALED	
1	3	FH6	FUSE HOLDER, 6 POSITION	

NOTES:

1. THE B&C LINEAR REGULATOR REQUIRES TWO SEPARATE GROUNDS TO INSURE DV PROTECTION INTEGRITY. USE NO COMMON WIRES OR FASTENERS.
2. -1 SYSTEM AS SHOWN WITH 40 AMP PRIMARY SYSTEM, 20 AMP AUX  
-2 SYSTEM AS SHOWN WITH 60 AMP PRIMARY SYSTEM, 20 AMP AUX
3. TERMINAL NUMBERS, WIRE GAGES, FUSE/BREAKER VALUES, PART NUMBERS, ONLY VALID FOR 14 VOLT SYSTEM .
4. ALL PARTS ARE SUGGESTED NUMBER ONLY. ACTUAL PART MAY VARY BETWEEN INSTALLATIONS.
5. SYSTEM DIAGRAM ADAPTED FROM AEROELECTRIC CONNECTION FIGURE Z14.

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:  
DECIMAL 0.XX = ±0.03  
DECIMAL 0.XXX = ±0.005  
ANGLES = ±0.5 DEGREES

**B & C Specialty Products**  
P.O. Box B, Newton, Kansas 67114

TITLE  
**SYSTEM WIRING DIAGRAM  
SPLIT BUS, 14 VOLT**

ENGINEER	NAME	DATE
TH	TH	4/03

DRAWN	NAME	DATE
TH	TH	4/03

CHECKED	NAME	DATE

PROJECT	SCALE	FULL	JOB NO.	DRAWING NO.	REVISION	DATE	PAGE	OF
				001-507	B	5/14/07		