

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

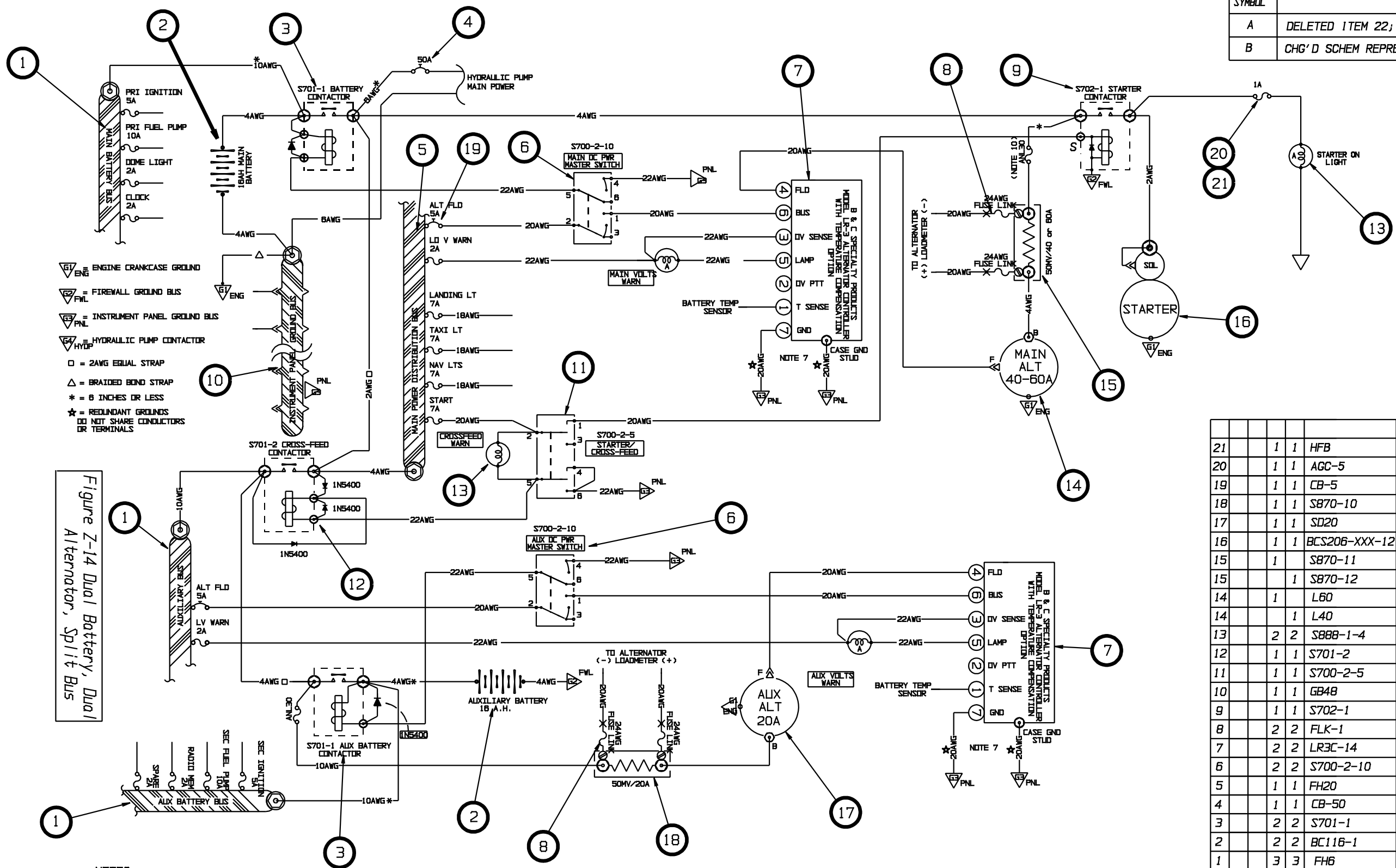


Figure Z-14 Dual Battery, Dual Alternator, Split Bus

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

- NOTES:
1. THE B&C LINEAR REGULATOR REQUIRES TWO SEPARATE GROUNDS TO INSURE OV 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
	FULL			001-507	B	5/14/07		