



OR BATTERY 8
(NOTE 1)

ACCESSORY
BATTERY
(NOTE 2)

NOTES:

- IF RELAY K8 SWITCHES A PROPULSION PACK BATTERY, INSTALL A JUMPER WIRE BETWEEN J10 AND J11. DO NOT CONNECT ANY OTHER WIRES TO J10 OR J11.
- IF RELAY K8 SWITCHES AN ACCESSORY 12V BATTERY, DO NOT CONNECT J10 TO J11. CONNECT J9 TO ACCESSORY BATTERY 12V+, AND J10 TO ACCESSORY BATTERY 12V-.
- FOR TWO RELAY BOARDS IN A SYSTEM, USE K1-8 ON RELAY BOARD #1 FOR PROPULSION BATTERIES 1-8 (K1 FOR THE MOST NEGATIVE BATTERY). USE K1-6 AND K8 ON BOARD #2 FOR BATTERIES 9-15. K7 ON BOARD #2 IS NOT USED (THE BATBAL CONTROL BOARD ONLY HAS 15 OUTPUTS). USE K8 ON BOARD #2 FOR THE ACCESSORY BATTERY IF NEEDED.
- FOR MORE THAN 2 RELAY BOARDS, USE K18-20 ON THE CONTROL BOARD TO BANK SELECT ADDITIONAL PAIRS OF RELAY BOARDS.
- RELAYS ARE P&B T92S7D12-12 OR AMERICAN ZETTLER AZ2850-2A-12DE. 12vdc 139mA COIL, DPST 30A CONTACTS.
- REV B: ADDED LEDS D1-8 AND RESISTORS R1-R8 TO INDICATE WHICH RELAY IS ON. ADDED DIODES D17-24 TO ALLOW BANK SWITCHING MORE THAN 2 RELAY BOARDS. CHANGED P1 FROM MALE TO FEMALE.

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Title	
BATTERY BALANCER relay board RELAYBD.SCH	
Size	Document Number
A	RELAYBD.SCH (C) 1999-2003 by TMSI
Date:	March 4, 2003 Sheet 1 of 1
REV	B