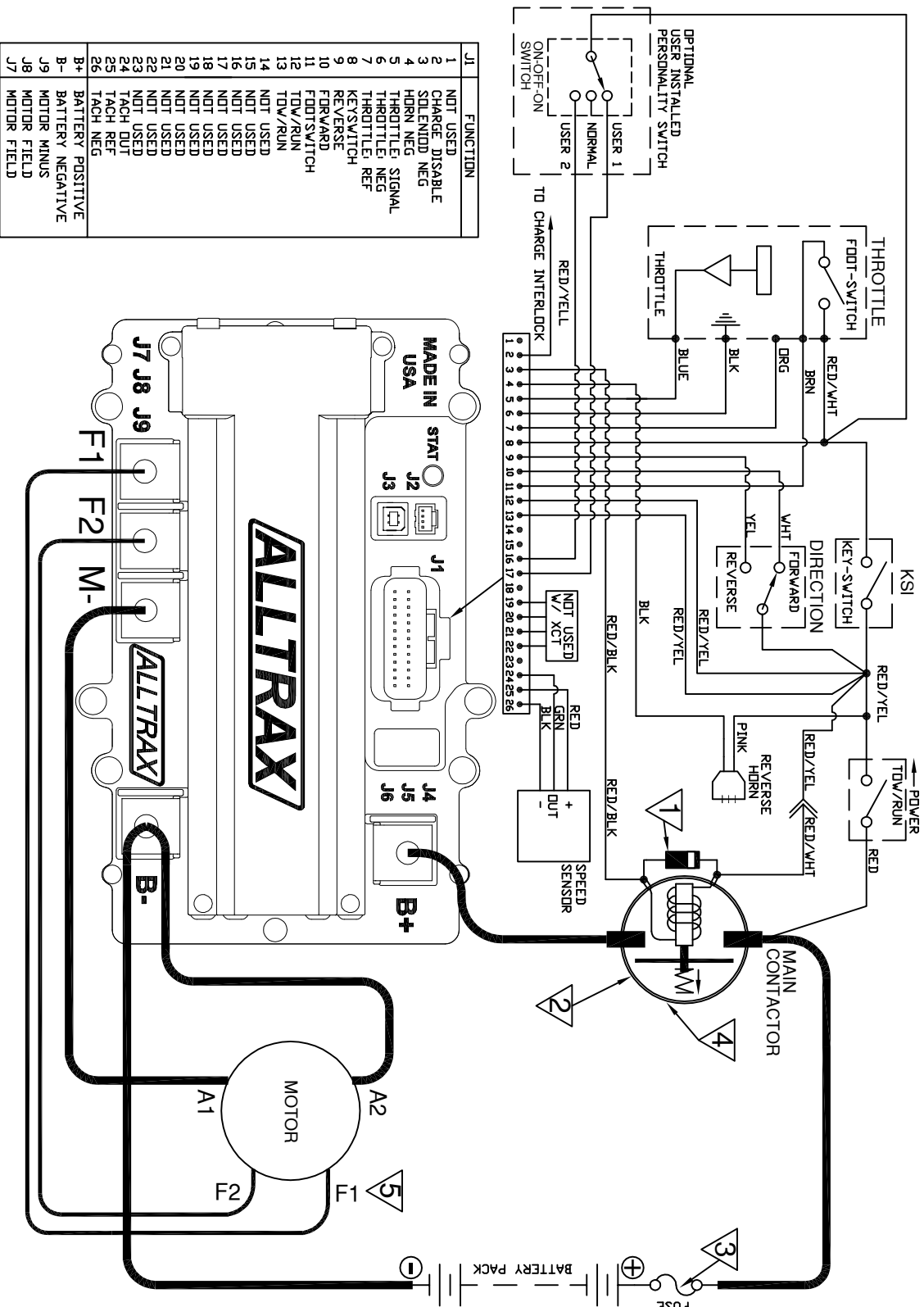


XCT to YAMAHA YDRE FOR SHUNT (SEPERATELY EXCITED) WOUND MOTORS

PART NO. DOC110-021



J1	FUNCTION
1	NOT USED
2	CHARGE DISABLE
3	SOL ENTD NEG
4	HORN NEG
5	THROTTLE SIGNAL
6	THROTTLE NEG
7	THROTTLE REF
8	KEYSWITCH
9	REVERSE
10	FORWARD
11	FOOTSWITCH
12	TOW/RUN
13	TOW/RUN
14	NOT USED
15	NOT USED
16	NOT USED
17	NOT USED
18	NOT USED
19	NOT USED
20	NOT USED
21	NOT USED
22	NOT USED
23	NOT USED
24	TACH OUT
25	TACH REF
26	TACH NEG
B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
J9	MOTOR MINUS
J8	MOTOR FIELD
J7	MOTOR FIELD

NOTES:

- * FUSES REQUIRED FOR ALL INSTALLATIONS
- * DIODE REQUIRED ACROSS COILS / RELAYS
- * TOW/RUN SWITCH PREVENTS REGEN WHILE TOWING
- > ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF
- > ALLTRAX RESERVES THE RIGHT TO CHANGE DOCUMENTATION WITHOUT NOTICE
- > ALLTRAX MAKES NO WARRANTY AS TO THE ACCURACY, SUFFICIENCY, OR SUITABILITY OF ANY TECHNICAL OR OTHER INFORMATION PROVIDED
- > SEE OPERATORS MANUAL FOR MORE INFORMATION

THIS VEHICLE IS A HIGH SIDE DRIVE. OBSERVE POLARITY OF B+ AND B-

REVISIONS			
REV.	ECO.	DATE	APVD
A	120814	021615	RC
B	041315	041315	RC
C	050215	050215	RC

DWG SCALE: NTS		111114	
DRAWN	R CSUK	111014	
ENGR	D.Crockett	111014	
<small>THIS TECHNICAL DATA IS PROPRIETARY AND IS UNLAWFULLY REPRODUCED, RELEASED, OR DISCLOSED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF ALLTRAX INC.</small>			
TITLE		XCT to YAMAHA YDRE	
WRITING DIAGRAM		WRITING DIAGRAM	
SIZE	DOCUMENT NO.	DOC110-021	REV. C
A	S		

DO NOT SCALE DRAWING

ALLTRAX 1111 Cheney Creek Rd.
Grants Pass, OR 97527
PHONE:(541) 476-3565

POWER WIRE RATING	CONTROLLER RATING
6AWG-4AWG	300A
4AWG-2AWG	400A
2AWG-1/0AWG	500A

1	DIODE RATING	CONTACTOR RATING
	1N4001	DEM
	1N5408	200A
	MR754	400A
2	CONTACTOR RATING	CONTROLLER RATING
	DEM	300A
	200A	300A DR 400A
	400A	400A TD 500A
3	FUSE RATING	CONTROLLER RATING
	ANN250	400A DR LESS
	ANN400	450A DR MORE
4	PRE-CHARGE RESISTOR NOT NEEDED ON XCT UNITS	