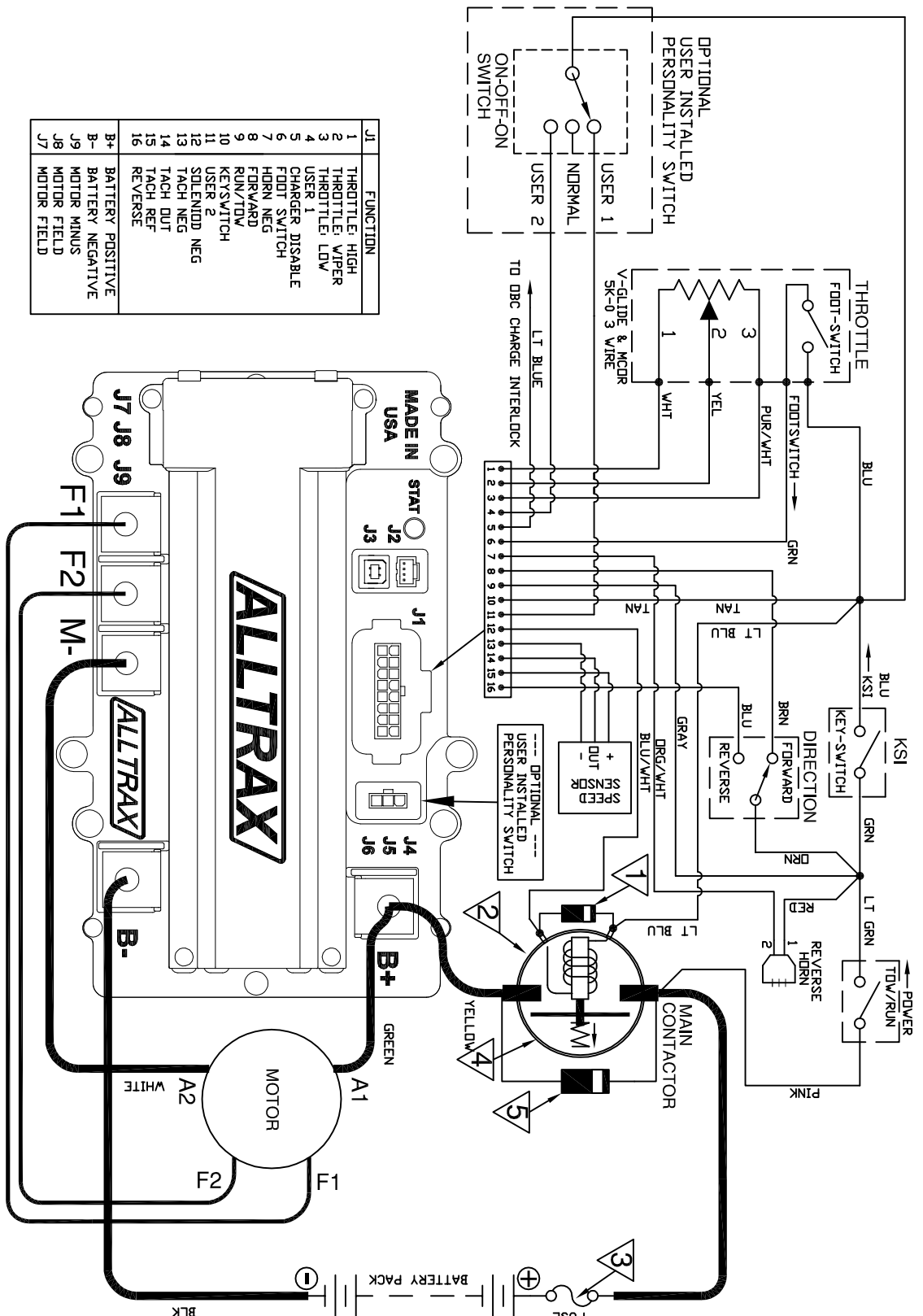


XCT/NCT to CLUB CAR IQ/PRECEDENT/I2/EXCELL FOR SHUNT (SEPERATELY EXCITED) WOUND MOTORS

PART NO. DOC110-018



J1	FUNCTION
1	THROTTLE, HIGH
2	THROTTLE, VIPER
3	THROTTLE, LOW
4	USER 1
5	CHARGER DISABLE
6	FOOT SWITCH
7	HORN, NEG
8	FORWARD
9	RUN/TOW
10	KEYSWITCH
11	USER 2
12	SOLENOID, NEG
13	TACH, NEG
14	TACH, OUT
15	TACH, REF
16	REVERSE
B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
J9	MOTOR MINUS
J8	MOTOR FIELD
J7	MOTOR FIELD

- 1 DIODE RATING CONTACTOR RATING
DEM 1N4001 300A
200A 1N5408 200A
400A MR754 400A
 - 2 CONTACTOR RATING CONTACTOR RATING
DEM 300A 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
 - 5 REGEN DIODE REQUIRED USE 1 ALLTRAX P/N: KIT-EZ-DIODE-T OR 6A6 DIODE (6A 660V)
- | POWER WIRE RATING | CONTROLLER RATING |
|-------------------|-------------------|
| 6AWG-4AWG | 300A |
| 4AWG-2AWG | 400A |
| 2AWG-1/0AWG | 500A |

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

DO NOT SCALE DRAWING

ALLTRAX 1111 Cheney Creek Rd.
Grants Pass, OR 97527
PHONE:(541) 476-3585

TITLE
XCT to CLUB CAR IQ/I2/EXCELL
Wiring Diagram

REV.	SIZE	DOCUMENT NO.	REV.
G	A	DOC110-018	G

REVISIONS				DWG SCALE: NTS	
REV.	ECO.	DATE	APVD	DRAWN	R CSUK
G		041718	041718	WH	

MADE IN USA

STAT J2

J3

J1

J4

J5

J6

B+

B-

MOTOR

A1

A2

F1

F2

M-

M+

J7

J8

J9