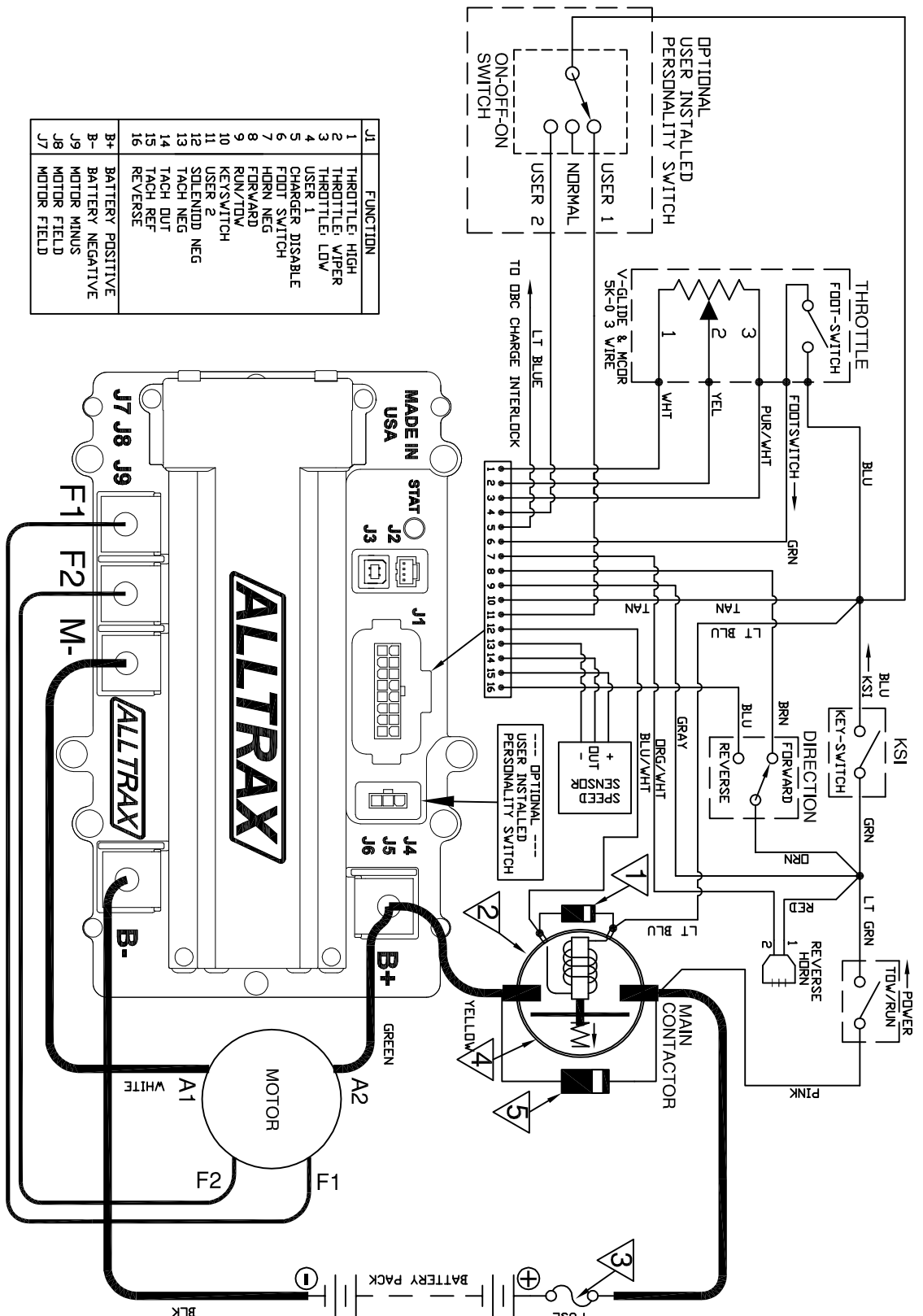


XCT/NCT to CLUB CAR IQ/PRECEDENT/I2/EXCELL FOR SHUNT (SEPERATELY EXCITED) WOUND MOTORS

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

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

- 1 DIODE RATING CONTACTOR RATING

IN4001	DEM
1N5408	DEM
MR754	400A
- 2 CONTACTOR RATING CONTACTOR RATING

DEM	300A	DR	400A
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

DO NOT SCALE DRAWING

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

1111 Cheney Creek Rd.
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ALLTRAX

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

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

FILE: DMG-XCT-CLUBCAR-IQ-WIRE-01A.DWG SHEET 1 of 1