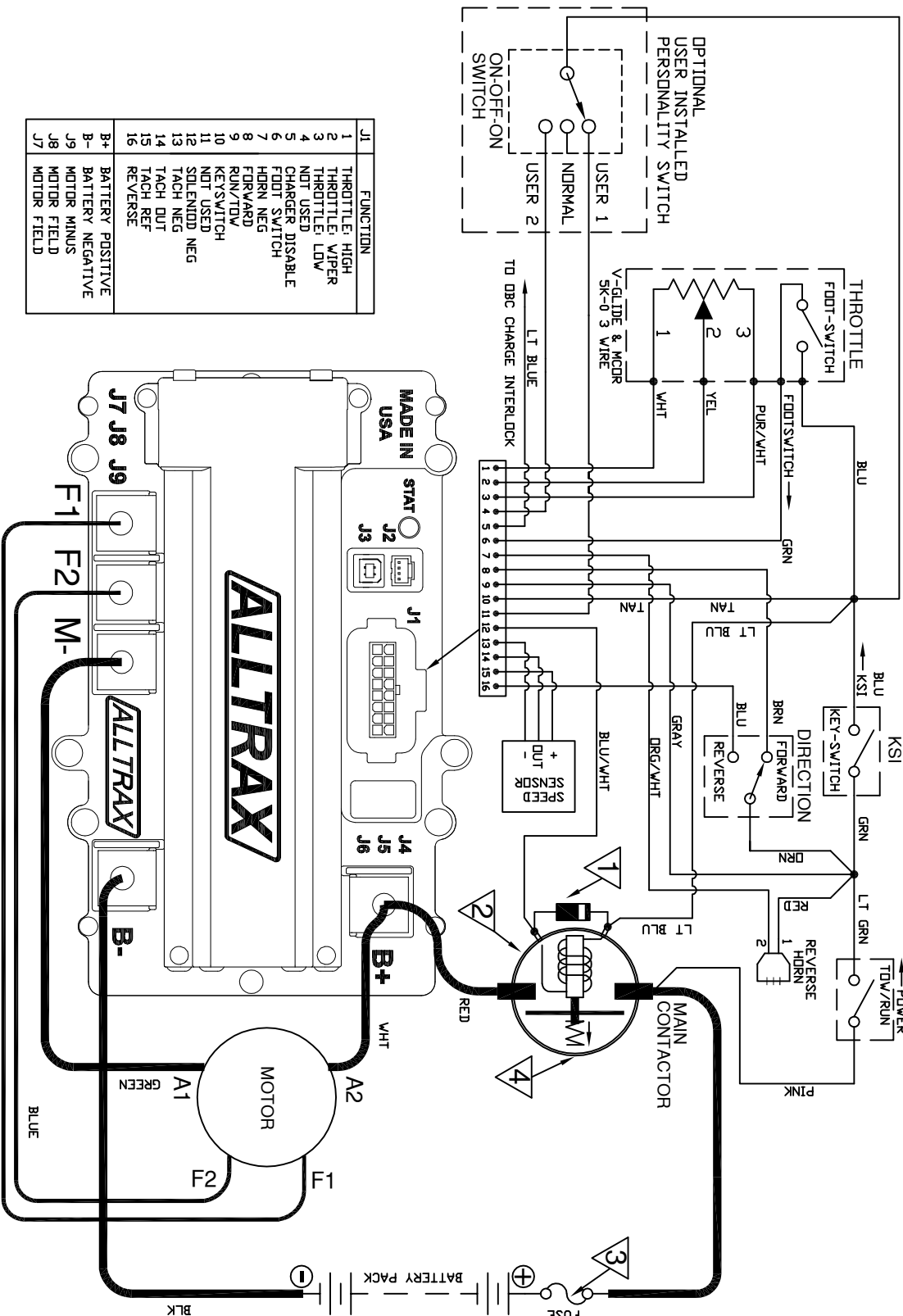


# XCT to CLUB CAR IQ/PRECEDENT/I2/EXCELL FOR SHUNT (SEPERATELY EXCITED) WOUND MOTORS

PART NO. DOC110-018



| J1 | FUNCTION         |
|----|------------------|
| 1  | THROTTLE: HIGH   |
| 2  | THROTTLE: WIPER  |
| 3  | THROTTLE: LDV    |
| 4  | NOT USED         |
| 5  | CHARGER DISABLE  |
| 6  | FOOT SWITCH      |
| 7  | FORN NEG         |
| 8  | FORN POS         |
| 9  | RUN/TOW          |
| 10 | KEYSWITCH        |
| 11 | NOT USED         |
| 12 | SOLENOID NEG     |
| 13 | TACH NEG         |
| 14 | TACH REF         |
| 15 | TACH POS         |
| 16 | REVERSE          |
| B+ | BATTERY POSITIVE |
| B- | BATTERY NEGATIVE |
| J8 | MOTOR MINUS      |
| J7 | MOTOR FIELD      |

|          |                     |                           |                   |                              |
|----------|---------------------|---------------------------|-------------------|------------------------------|
| <b>1</b> | DIODE RATING        | 1N4001<br>1N5408<br>MR754 | CONTACTOR RATING  | DEM 200A<br>200A<br>400A     |
| <b>2</b> | CONTACTOR RATING    | DEM 200A<br>300A<br>400A  | CONTROLLER RATING | 300A DR 400A<br>300A TD 500A |
| <b>3</b> | FUSE                | ANN250<br>ANN400          | CONTROLLER RATING | 400A DR LESS<br>450A DR MORE |
| <b>4</b> | PRE-CHARGE RESISTOR | NEEDED ON XCT UNITS       |                   |                              |

| 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 WITHOUT NOTICE
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- > SEE OPERATORS MANUAL FOR MORE INFORMATION

DRANGE

DO NOT SCALE DRAWING

| REVISIONS |        |        | DWG SCALE: NTS |            |
|-----------|--------|--------|----------------|------------|
| REV.      | ECO.   | DATE   | APVD           | DRAWN      |
| A         | 120814 | 021615 | RC             | R CSUK     |
| B         | 041315 | 041315 | RC             | D.Crockett |
| C         | 050215 | 050215 | RC             |            |

|   |               |
|---|---------------|
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|   |                     |
|---|---------------------|
| <p>FILE: _DWG-XCT-CLUBCAR-IQ-WIRE-DIA.DWG</p> | <p>SHEET 1 of 1</p> |
|---|---------------------|