

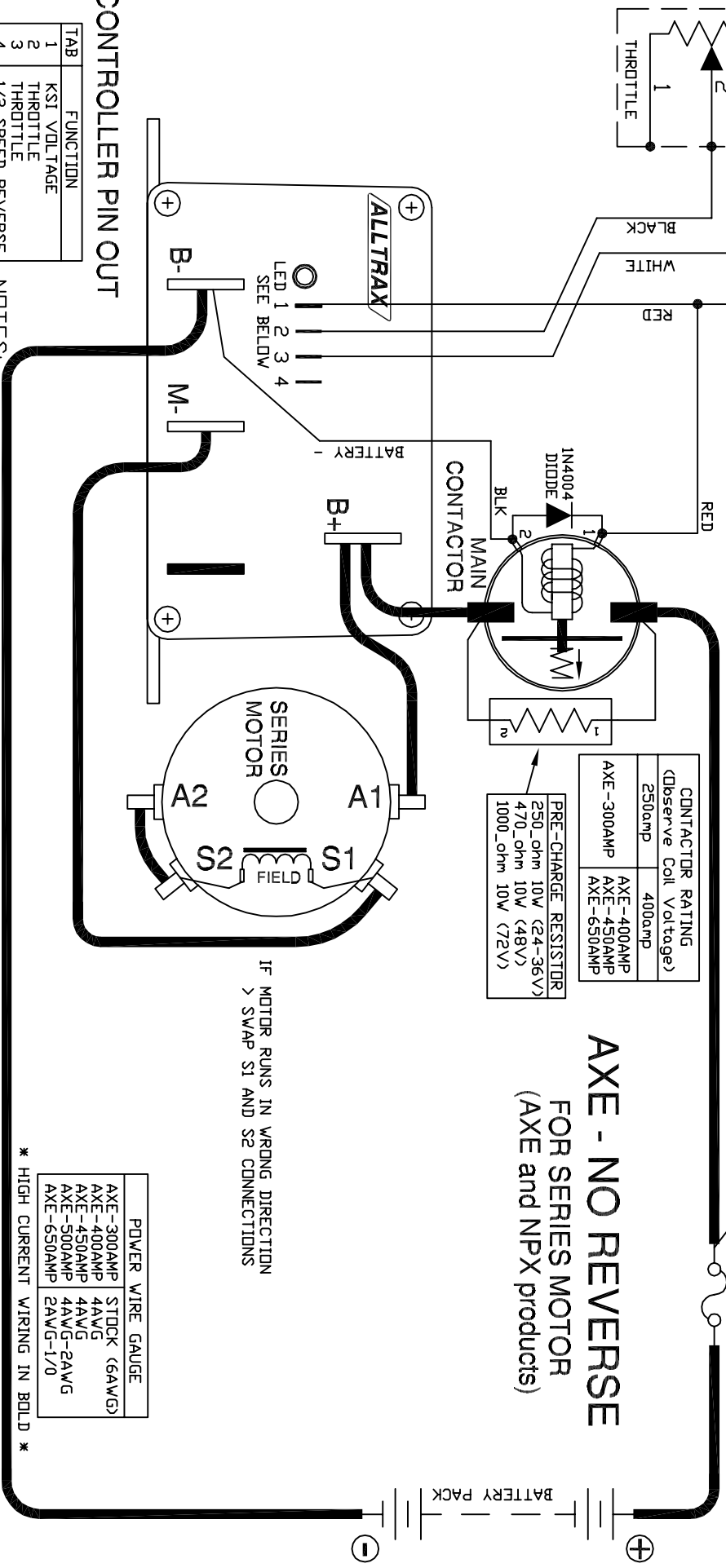
BATTERY VDC	12-48V	72V
FUSE VDC RATING	60V	100V

ANN250	ANN400
AXE-300	AXE-450
AXE-400	AXE-650

AXE - NO REVERSE FOR SERIES MOTOR (AXE and NPX products)

CONTACTOR RATING (Observe Coil Voltage)	AXE-400AMP
250amp	AXE-450AMP
AXE-300AMP	AXE-650AMP

PRE-CHARGE RESISTOR	AXE-450AMP
250_ohm 10W (24-36V)	470_ohm 10W (48V)
1000_ohm 10W (72V)	



IF MOTOR RUNS IN WRONG DIRECTION
> SWAP S1 AND S2 CONNECTIONS

POWER WIRE GAUGE	STOCK (6AWG)
AXE-300AMP	4AWG
AXE-400AMP	4AWG
AXE-450AMP	4AWG-2AWG
AXE-500AMP	2AWG
AXE-650AMP	2AWG-1/0

* HIGH CURRENT WIRING IN BOLD *

TAB	FUNCTION
1	KSI VOLTAGE
2	THROTTLE
3	THROTTLE
4	1/2 SPEED REVERSE

B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
M-	MOTOR MINUS

CONTROLLER PIN OUT

NOTES:

- * FUSES REQUIRED FOR ALL INSTALLATIONS
- * DIODE REQUIRED ACROSS COILS / RELAYS
- * PRE-CHARGE RESISTOR REQUIRED
- > 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

REVISIONS	
REV.	ECO. DATE APVD
A	010407 010407 TT

DWG SCALE: NTS	112706
DRAWN T.Thorne	112706
ENGR D.Crockett	112706

1111 Cheney Creek Rd. Grants Pass, OR 97527 PHONE:(541) 476-3565	
TITLE	AXE - Without Reverse
Doc100-045	Wiring Diagram