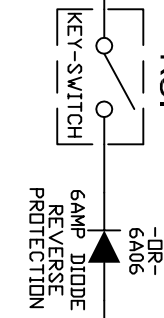
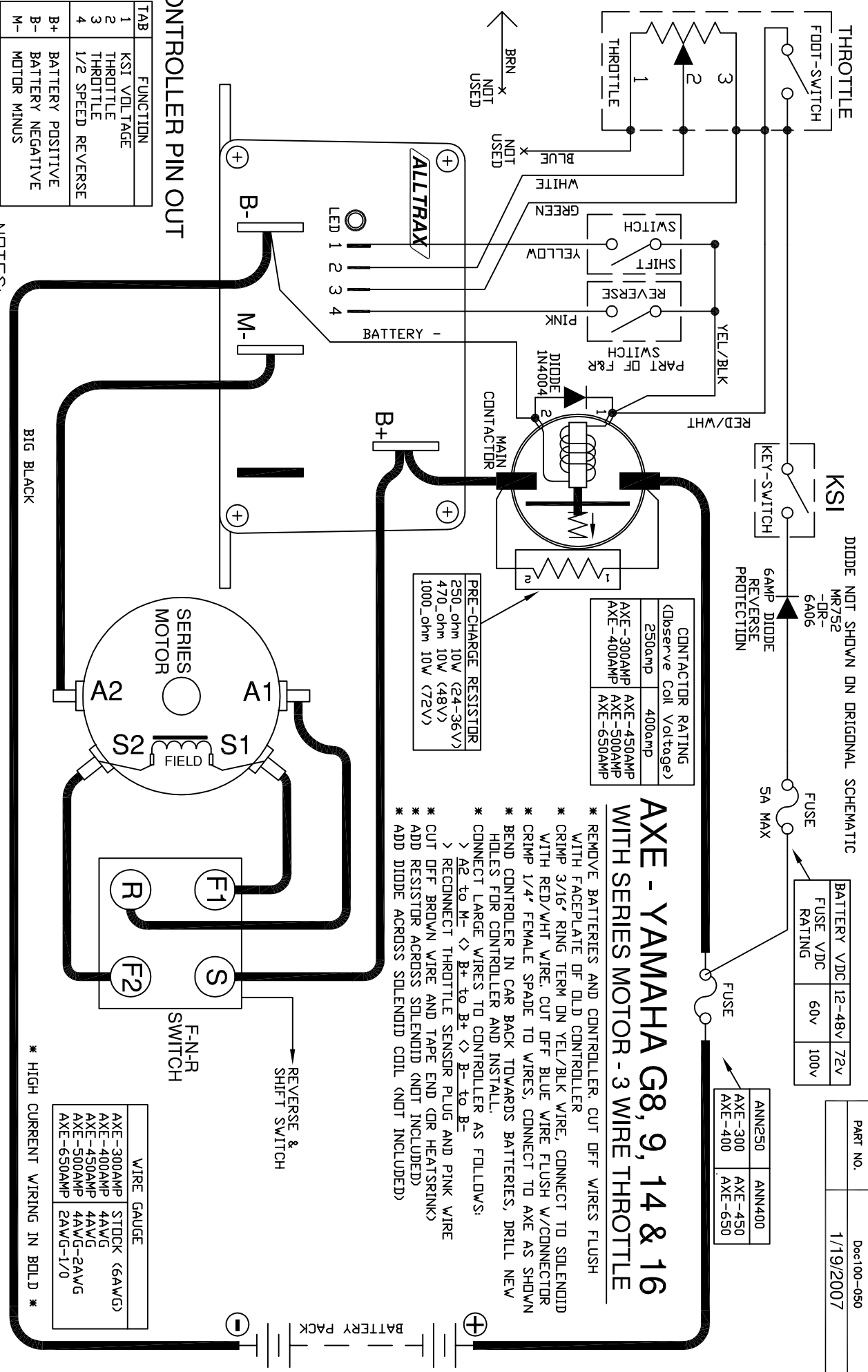


DIODE NOT SHOWN ON ORIGINAL SCHEMATIC



AXE-300	AXE-450
AXE-400	AXE-650



CONTACTOR RATING
(Observe Coil Voltage)

250amp	AXE-450AMP
400amp	AXE-500AMP
AXE-300AMP	AXE-400AMP
AXE-400AMP	AXE-650AMP

PRE-CHARGE RESISTOR

250_ohm 10W (24-36V)
470_ohm 10W (48V)
1000_ohm 10W (72V)

AXE - YAMAHA G8, 9, 14 & 16 WITH SERIES MOTOR - 3 WIRE THROTTLE

- * REMOVE BATTERIES AND CONTROLLER. CUT OFF WIRES FLUSH WITH FACEPLATE OF OLD CONTROLLER
- * CRIMP 3/16" RING TERM ON YEL/BLK WIRE, CONNECT TO SOLENOID WITH RED/WHT WIRE. CUT OFF BLUE WIRE FLUSH W/CONNECTOR
- * CRIMP 1/4" FEMALE SPADE TO WIRES, CONNECT TO AXE AS SHOWN
- * BEND CONTROLLER IN CAR BACK TOWARDS BATTERIES, DRILL NEW HOLES FOR CONTROLLER AND INSTALL.
- * CONNECT LARGE WIRES TO CONTROLLER AS FOLLOWS:
 - > A2 to M- < B+ to B+
 - > RECONNECT THROTTLE SENSOR PLUG AND PINK WIRE
 - * CUT OFF BROWN WIRE AND TAPE END (DR HEATSHRINK)
 - * ADD RESISTOR ACROSS SOLENOID (NOT INCLUDED)
 - * ADD DIODE ACROSS SOLENOID COIL (NOT INCLUDED)

WIRE GAUGE

AXE-300AMP	STDCK (6AWG)
AXE-400AMP	4AWG
AXE-450AMP	4AWG
AXE-500AMP	4AWG-2AWG
AXE-650AMP	2AWG-1/0

* HIGH CURRENT WIRING IN BOLD *

CONTROLLER PIN OUT

TAB	FUNCTION
1	KSI VOLTAGE
2	THROTTLE
3	THROTTLE
4	1/2 SPEED REVERSE
B+	BATTERY POSITIVE
B-	BATTERY NEGATIVE
M-	MOTOR MINUS

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

REV. ECO. DATE APVD		DWG SCALE: NTS	
A	010407	111206	
B	041708	111206	
C	101208	111206	

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Grants Pass, OR 97527
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ALLTRAX

AXE-Yamaha G8, 9, 14, 16
Wiring Diagram

Doc100-050