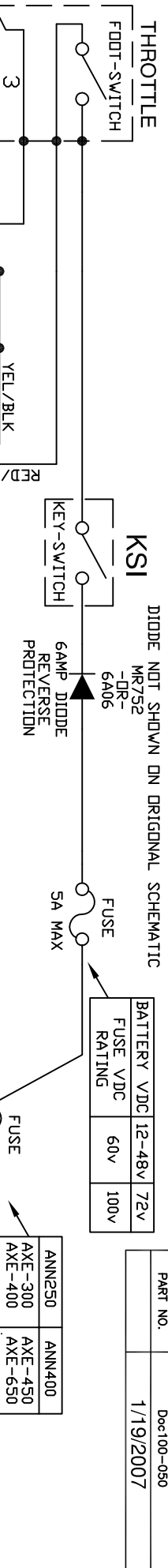


DIODE NOT SHOWN ON ORIGINAL SCHEMATIC



CONTACTOR RATING (Observe Coil Voltage)	AXE-300AMP	AXE-450AMP
250amp	400amp	
AXE-400AMP	AXE-500AMP	AXE-650AMP

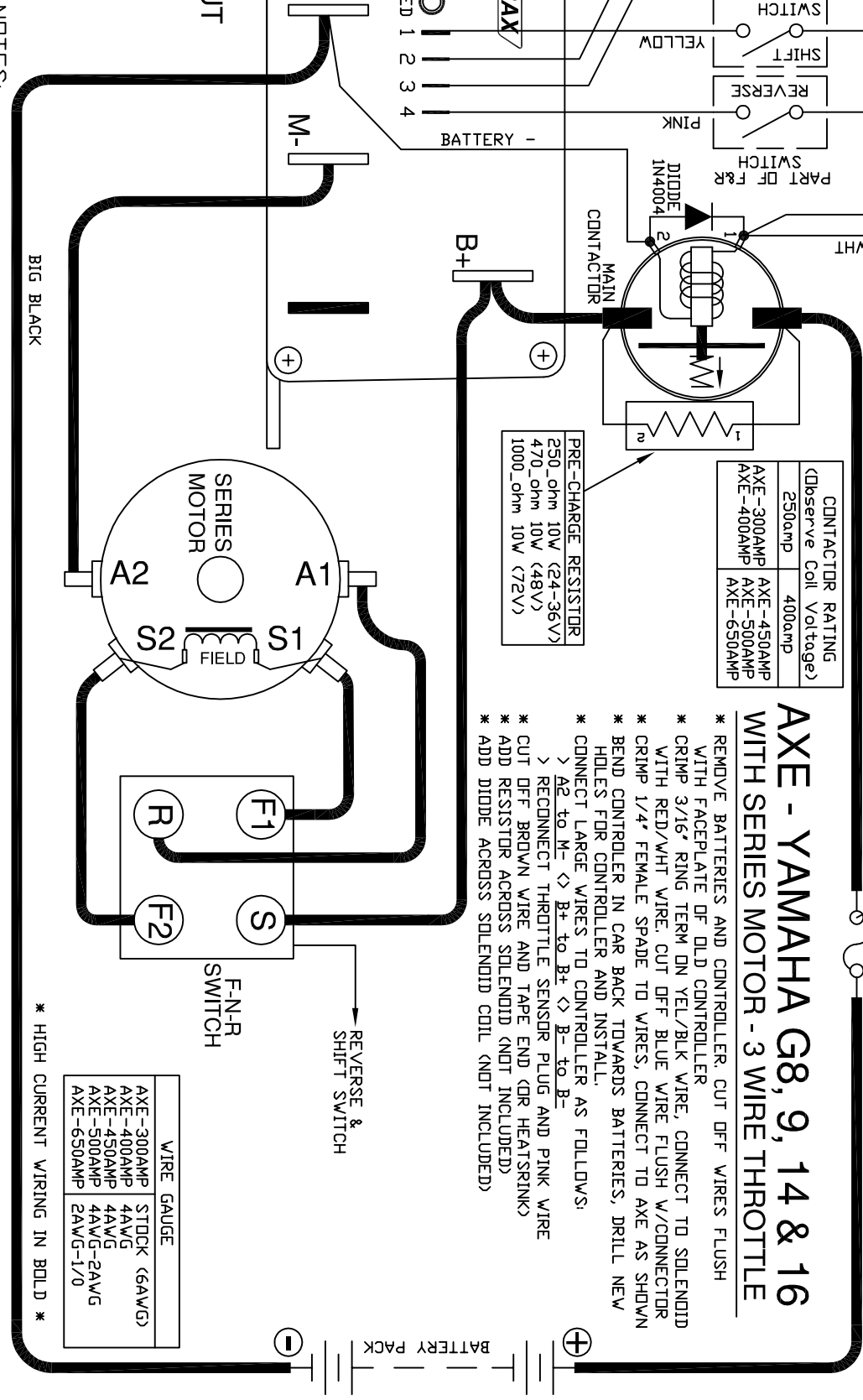
PRE-CHARGE RESISTOR	AXE-300AMP	AXE-450AMP
250_ohm 10W (24-36V)	470_ohm 10W (48V)	
1000_ohm 10W (72V)		

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)

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

REV.	ECO.	DATE	APVD	DWG SCALE:	NITS
A	010407	010407	TT	1:1	111206
B	041708	041708	TT		
C	101208	101208	RC		

REV.	DOC	NO.	REV.
A	S	Doc100-050	C