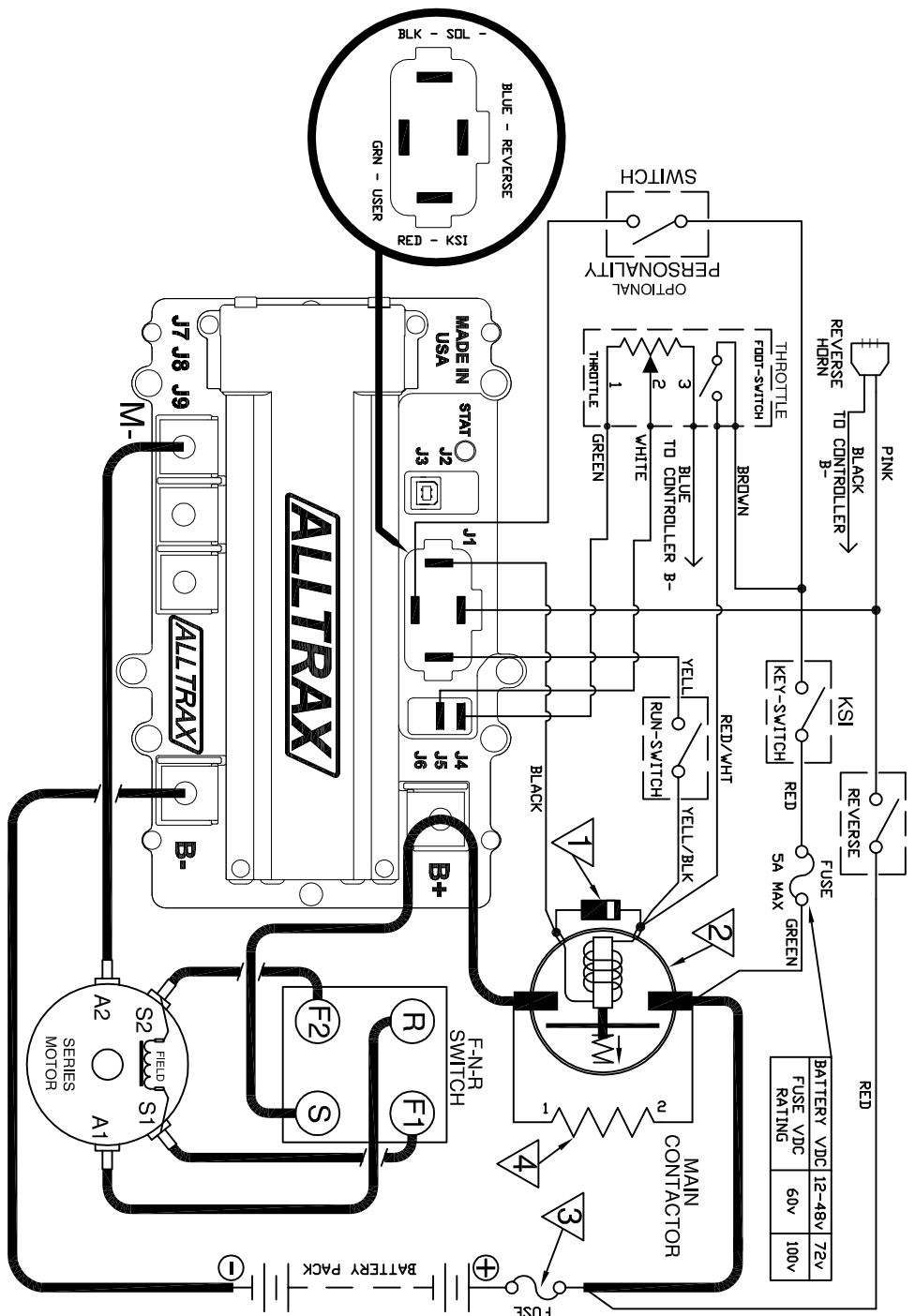


# SR to YAMAHA G8/G9/G14/G16



**REPLACING STOCK CONTROLLER:**

- \* 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/WHI WIRE.
- \* CRIMP 1/2" RING TERM ON GREEN WIRE, CONNECT TO B-
- \* CUT OFF BROWN WIRE AND TAPE END (DR HEATSHRINK)
- \* CRIMP 1/4" FEMALE SPADE TO WIRES, CONNECT TO SR AS SHOWN
- \* REMOVE RING TERMINAL FROM BLACK WIRE FROM SOLENOID AND CRIMP 1/4" FEMALE SPADE AND CONNECT AS SHOWN
- \* DRILL NEW MOUNTING HOLES IF NECESSARY
- \* CONNECT LARGE WIRES TO CONTROLLER AS FOLLOWS:
  - > A2 to M- < B+ to B+ < B- to B-
  - > RECONNECT THROTTLE SENSOR PLUG AND PINK WIRE
- \* ADD RESISTOR ACROSS SOLENOID (NOT INCLUDED)
- \* ADD DIODE ACROSS SOLENOID COIL (NOT INCLUDED)

**REPLACING AXE CONTROLLER**

- \* CRIMP 1/4" FEMALE SPADE TO GREEN WIRE, CONNECT TO J5 (ADD EXTENSION IF NECESSARY)
- \* REPLACE SPADE ON BLUE WIRE WITH 1/2" RING TERM AND MOVE TO B-

1

DIODE RATING	CONTACTOR RATING
1N4001	DEM
1N5408	200A
MR754	400A

2

CONTACTOR RATING	CONTACTOR RATING
DEM	300A DR 400A
200A	300A DR 400A
400A	400A TD 500A

3

FUSE	CONTROLLER RATING
ANN250	400A OR LESS
ANN400	450A OR MORE

4

VOLTAGE RATING	RESISTOR RATING
36V	250 OHM 10W
48V	470 OHM 10W
72V	1000 OHM 10W

POWER WIRE RATING	CONTACTOR RATING
6AWG-4AWG	300A
4AWG-2AWG	400A
2AWG-1/0AWG	500A

**NOTES:**

- \* FUSES REQUIRED FOR ALL INSTALLATIONS
- \* DIODE REQUIRED ACROSS COILS / RELAYS
- \* KSI IS REQUIRED TO BE A SWITCHED INPUT, NOT RESISTIVE
- > ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF
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REVISIONS			
REV.	ECO.	DATE	APVD
A	033016	033016	RC
B	032217	032217	RC

DWG SCALE: NTS	
DRAWN	ENGR
R CSUIK	D.Crockett
033116	033116

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TITLE: SR to Yamaha G8, G9, G14, G16  
Wiring Diagram

SIZE: DOCUMENT NO. DOC110-041

REV. A S B

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