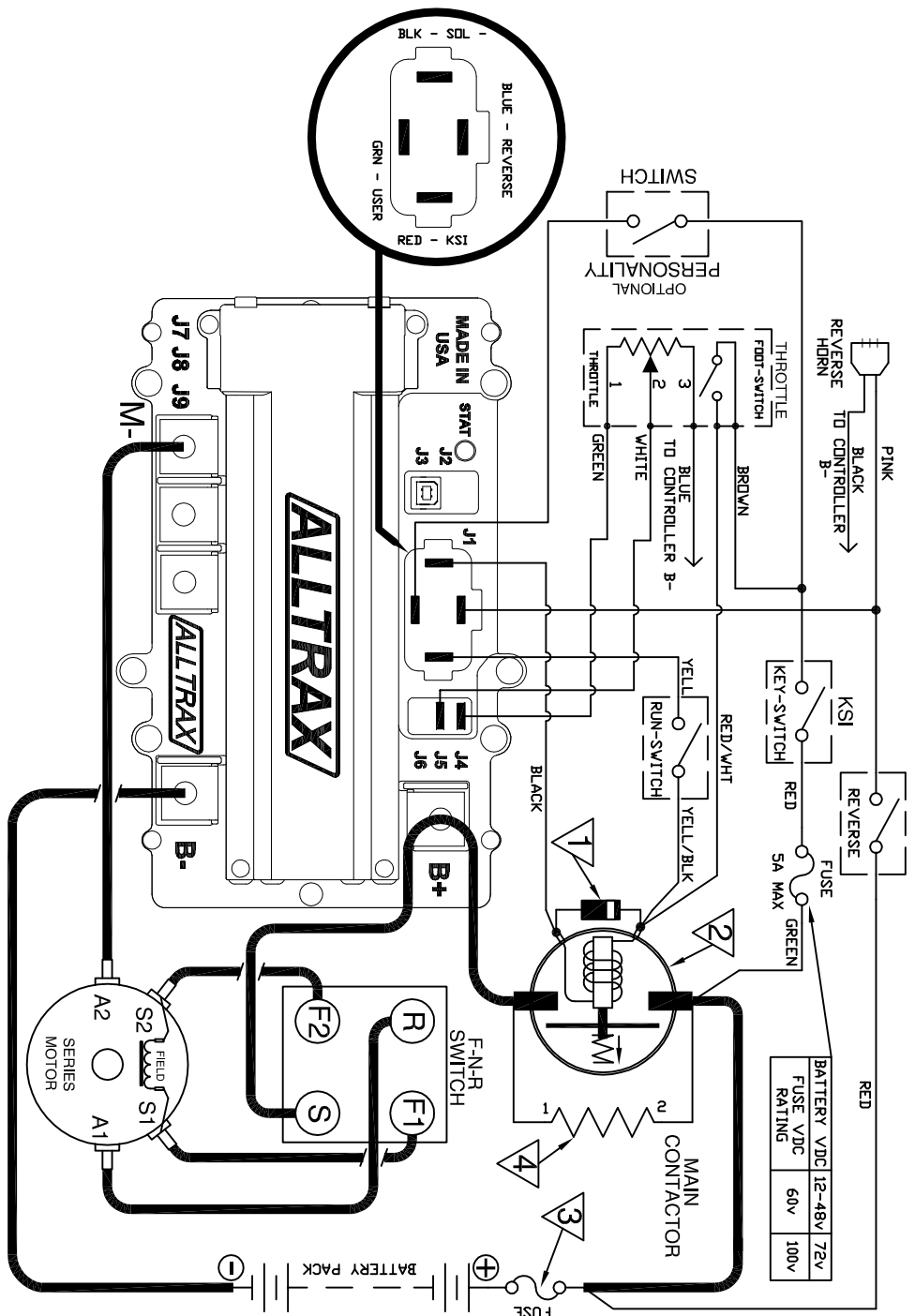


SR to YAMAHA G8/G9/G14/G16



REPLACING STOCK CONTROLLER:

- * REMOVE BATTERIES AND CONTROLLER. CUT OFF WIRES FLUSH WITH FACELPLATE OF OLD CONTROLLER
- * CRIMP 3/16" RING TERM ON YEL/BLK WIRE, CONNECT TO SOLENOID WITH RED/WHT WIRE.
- * CRIMP 1/2" RING TERM ON BLUE WIRE, CONNECT TO B-
- * CUT OFF BROWN WIRE AND TAPE END (DR HEATSHINK)
- * 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 JS (ADD EXTENSION IF NECESSARY)
- * REPLACE SPADE ON BLUE WIRE WITH 1/2" RING TERM AND MOVE TO B-

IF THROTTLE RESPONDS BACKWARDS

- * NOT ALL YAMAHA THROTTLES ARE WIRED THE SAME
- * SWAPPING THE GREEN AND BLUE THROTTLE WIRES ON THE CONTROLLER WILL FIX A BACKWARDS RESPONSE

1	DIODE RATING	1N4001 1N5408 HR754	CONTRACTOR RATING	DEM 200A
	CONTRACTOR RATING	300A	CONTRACTOR RATING	DEM 300A DR 400A 400A TO 500A
2	CONTRACTOR RATING	DEM 400A	CONTRACTOR RATING	300A DR 400A 400A TO 500A
	CONTRACTOR RATING	300A	CONTRACTOR RATING	ANN250 ANN400 450A OR MORE
3	FUSE RATING	ANN250 ANN400	CONTRACTOR RATING	400A OR LESS 450A OR MORE
	CONTRACTOR RATING	400A OR LESS 450A OR MORE	CONTRACTOR RATING	
4	VOLTAGE	36V 48V 72V	RESISTOR RATING	250 OHM 10W 470 OHM 10W 1000 OHM 10W
	RESISTOR RATING	250 OHM 10W 470 OHM 10W 1000 OHM 10W	RESISTOR RATING	

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
- > 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	033016	033016	RC
C	112818	112818	WH
DWG SCALE: NTS DRAWN R CSUK 033116 ENGR D Crockett 033116			
PROPRIETARY THIS TECHNICAL DATA IS PROPRIETARY AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF Alltrax, Inc.			
TITLE		SR to Yamaha G8, G9, G14, G16 Wiring Diagram	
SIZE	DOCUMENT NO.	REV.	
A	DOC110-041	C	
FILENAME: SR-YAMAHA-G8-G9-G14-G16-WIRE-DIAG-SHEET 1 of 1			

DO NOT SCALE DRAWING

ALLTRAX
1111 Cheney Creek Rd.
Grants Pass, OR 97527
PHONE:(541) 476-3585