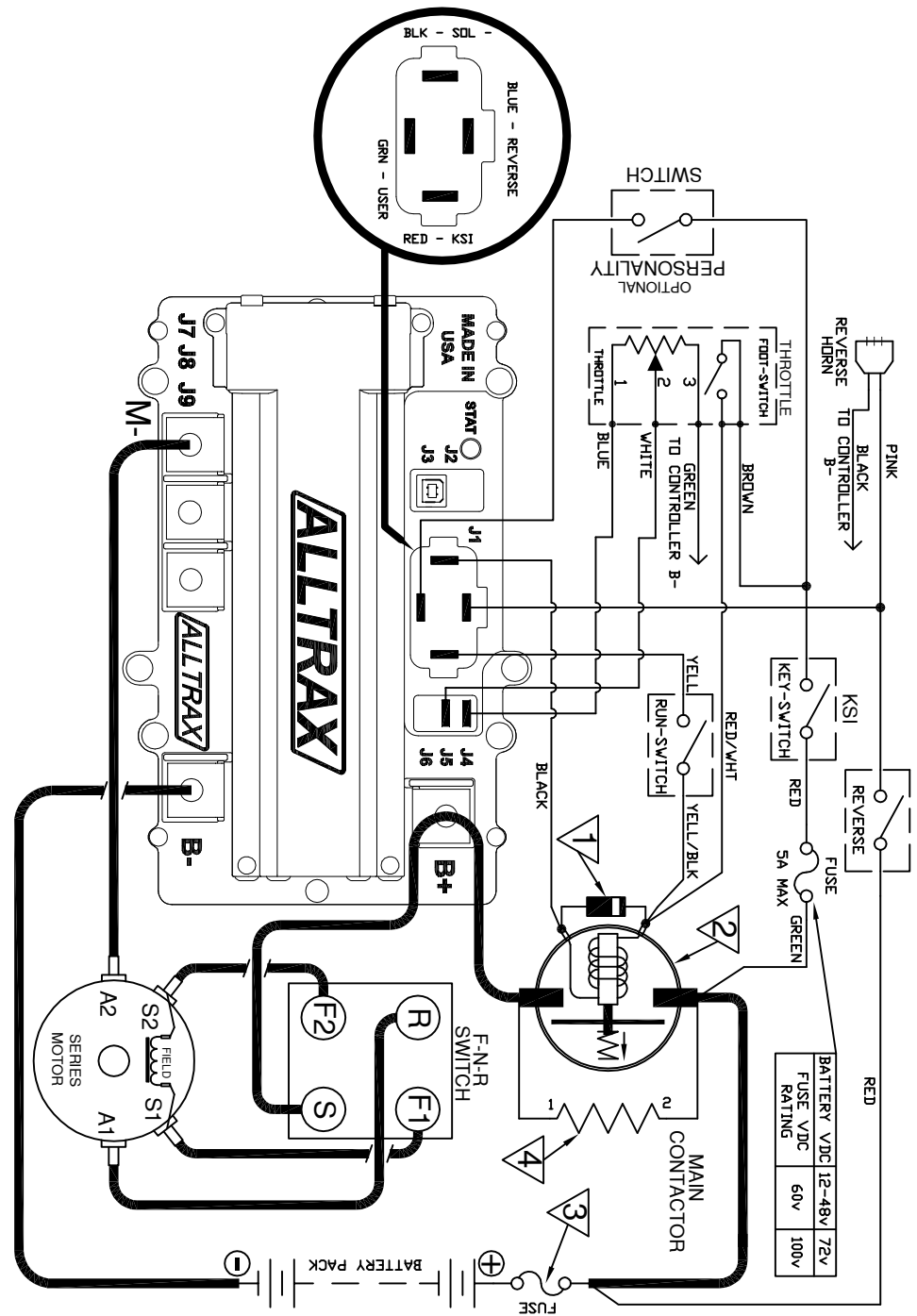


SR to YAMAHA G8/G9/G14/G16



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/WHT WIRE.
- * CRIMP 1/2" RING TERM ON GREEN WIRE. CONNECT TO B-
- * CUT OFF BROVN WIRE AND TAPE END (OR 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 BLUE WIRE. CONNECT TO J5 (ADD EXTENSION IF NECESSARY)
- * REPLACE SPADE ON GREEN WIRE WITH 1/2" RING TERM AND MOVE TO B-

1	DIODE RATING	1N4001 1N5408 MR754	CONTACTOR RATING	DEM 200A 400A
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2	CONTACTOR RATING	300A 300A DR 400A	CONTACTOR RATING	300A 300A DR 400A
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3	FUSE	ANN250 ANN400	CONTROLLER RATING	400A DR LESS 450A DR MORE
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4	VOLTAGE	36V 48V 72V	RESISTOR RATING	250 OHM 10W 470 OHM 10W 1000 OHM 10W
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POWER WIRE RATING	6AWG-4AWG 4AWG-2AWG 2AWG-1/0AWG	CONTROLLER RATING	300A 400A 500A
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NOTES:

- * FUSES REQUIRED FOR ALL INSTALLATIONS
- * DIODE REQUIRED ACROSS COILS / RELAYS
- * TOW/RUN SWITCH PREVENTS REGEN WHILE TOWING
- * ASSUMES FOOTSWITCH IS OPEN WHEN THROTTLE OFF WITHOUT NOTICE
- * ALLTRAX RESERVES THE RIGHT TO CHANGE DOCUMENTATION
- > 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

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

<p>ALLTRAX 1111 Cheney Creek Rd. Grants Pass, OR 97527 PHONE:(541) 476-3565</p>	
TITLE	SR to Yamaha G8, G9, G14, G16 Wiring Diagram
SIZE	DOCUMENT NO. DOC110-041
REV.	A