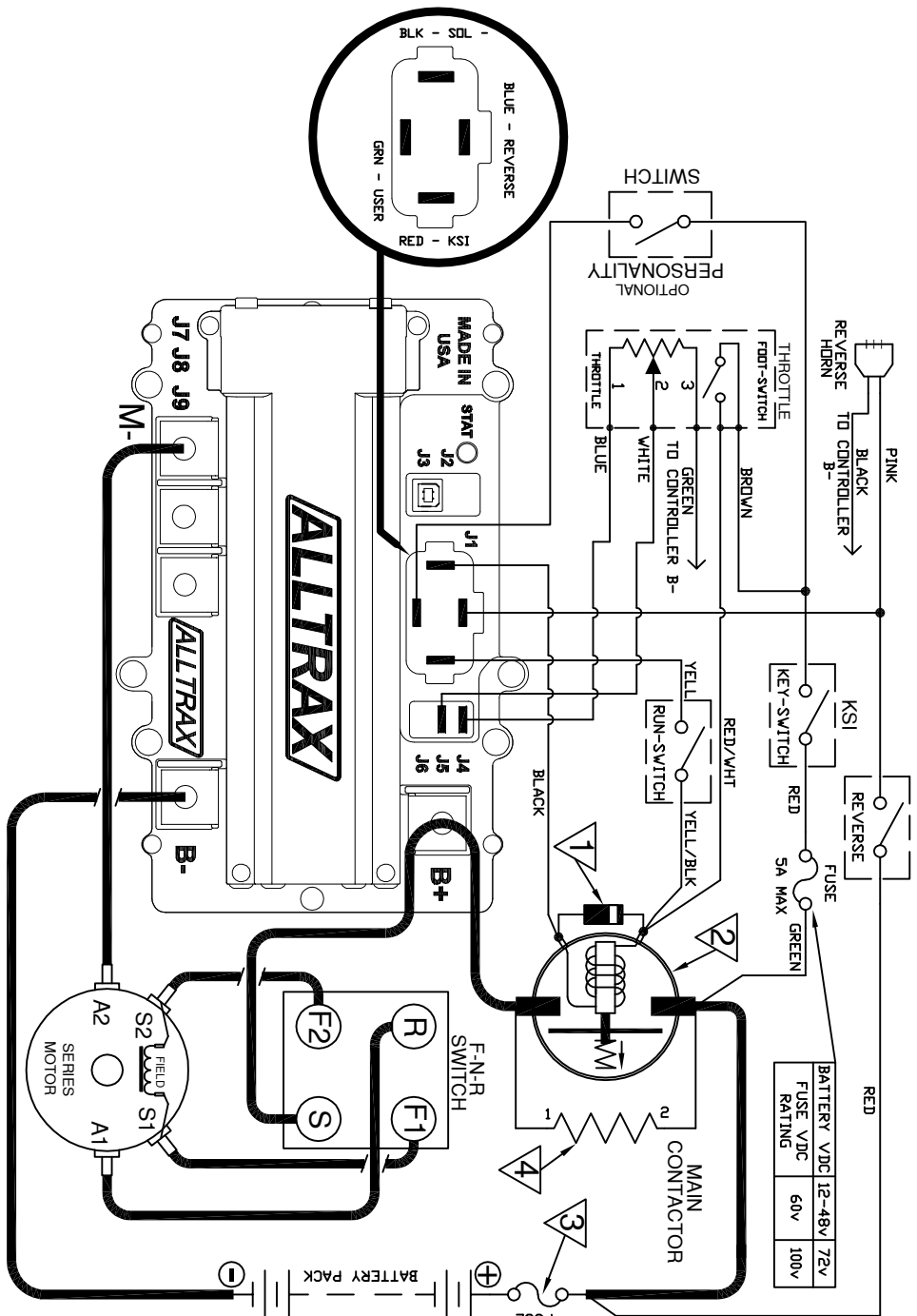


SR to YAMAHA G8/G9/G14/G16



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

2

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

3

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

4

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

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

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
- > 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

DWG SCALE: NTS

DRAWN	R CSUK	033116
ENGR	D.Crockett	033116

DO NOT SCALE DRAWING

ALLTRAX 1111 Cheney Creek Rd.
Grants Pass, OR 97527
PHONE:(541) 476-3565

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

SIZE: A
DOCUMENT NO.: DOC110-041
REV.: A

FILEDWG-SR-YAMAHA-G8-G9-G14-G16-WIRE-DWG SHEET 1 of 1