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SIZE B

SC2154

REV -

2

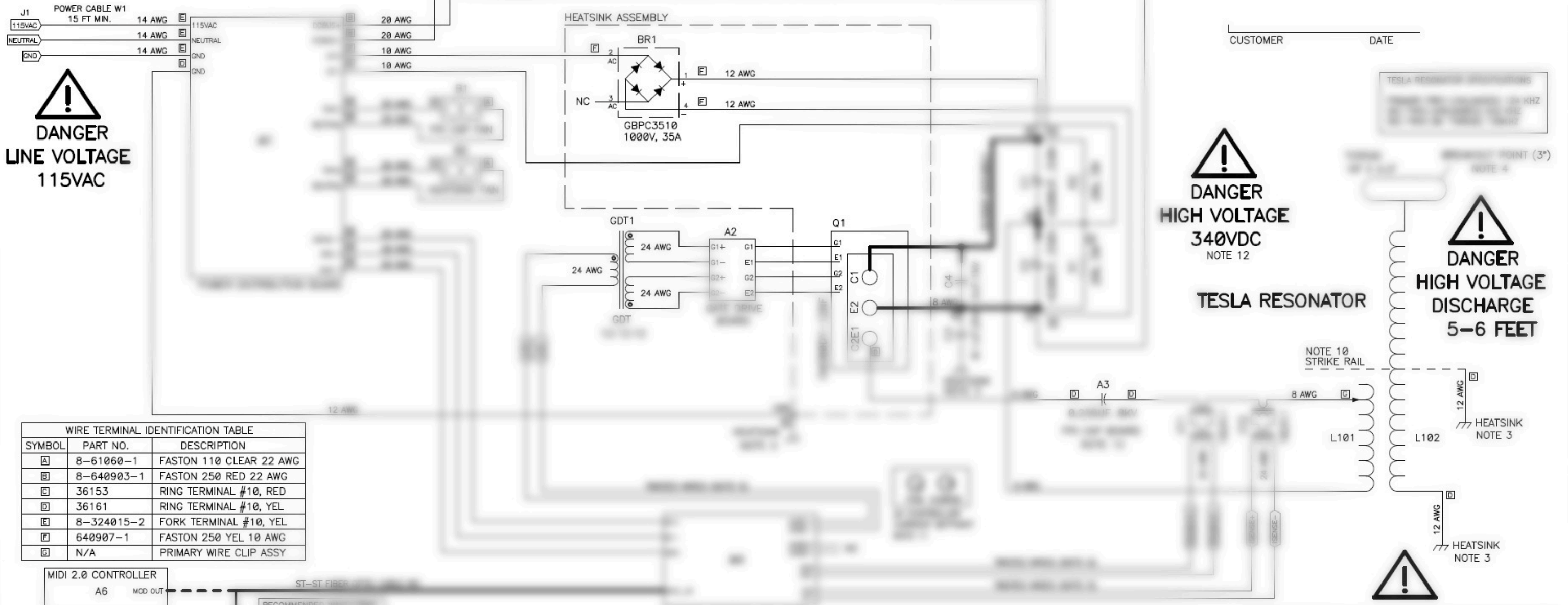
1

ALL ELECTRICAL COMPONENTS FOR THIS KIT ARE INCLUDED IN THE BEST DIY TESLA COIL 6.0 KIT.

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REVISIONS						
LTR	DESCRIPTION	ZONE	ENG	DWG	DATE	APPROVED
-	INITIAL RELEASE		EVR			

CUSTOMER _____ DATE _____



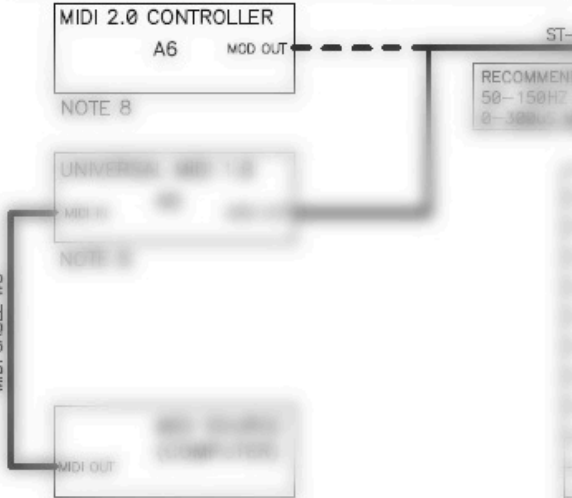
DANGER
LINE VOLTAGE
115VAC

DANGER
HIGH VOLTAGE
340VDC
NOTE 12

TESLA RESONATOR

DANGER
HIGH VOLTAGE
DISCHARGE
5-6 FEET

WIRE TERMINAL IDENTIFICATION TABLE		
SYMBOL	PART NO.	DESCRIPTION
ⓐ	8-61060-1	FASTON 110 CLEAR 22 AWG
ⓑ	8-640903-1	FASTON 250 RED 22 AWG
ⓒ	36153	RING TERMINAL #10, RED
ⓓ	36161	RING TERMINAL #10, YEL
ⓔ	8-324015-2	FORK TERMINAL #10, YEL
ⓕ	640907-1	FASTON 250 YEL 10 AWG
ⓖ	N/A	PRIMARY WIRE CLIP ASSY



ENERGY STORAGE WARNING
CAPACITORS MAY RETAIN A CHARGE AFTER POWER IS DISCONNECTED FROM THE SYSTEM. TO REDUCE THE RISK OF ELECTRIC SHOCK, ENSURE THAT ALL CAPACITORS ARE FULLY DISCHARGED PRIOR TO HANDLING, SERVICING, OR TRANSPORTING. VERIFY ALL CAPACITORS ARE FULLY DISCHARGED AND DO NOT RELY ON THE SAFETY BLEEDERS INSTALLED IN THE SYSTEM.

SYMBOL	PART NO.	DESCRIPTION	MANUFACTURER
TOROID	N/A	TOROID, ALUM, 10" X 4.5"	SEE MECH DWGS
HEATSINK	N/A	HEATSINK, 5" LENGTH	EAST VOLT RES
J1	VARIABLE	PLUG, 3-PRONG, 115VAC	VARIABLE
W1	SJ00W, 300V 14/3	POWER CABLE, 14/3	VARIABLE
W2	N/A	FIBER OPTIC CABLE, 5M	EAST VOLT RES
W3	N/A	MIDI CABLE, M-M, 3FT	EAST VOLT RES
C1, C2	4200UF 250V	CAPACITOR, 4200UF, 250V	VISHAY
C3	0.1UF 2KV	CAPACITOR, 0.1UF, 2KV	CORNELL-DUB
C4	2.0UF 1000V	SNUBBER, 2.0UF, 1KV	AEROVOX

TITLE			
the BEST DIY TESLA COIL KIT 6.0 TOP LEVEL SCHEMATIC EASTERN VOLTAGE RESEARCH, LLC			
SIZE B	CAGE CODE IDENT NO.	DWG NO. SC2154	REV -
SCALE NTS	ACT WT	CALC WT	SHEET 1 OF 6

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ACCEL CAD file: SC2154

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