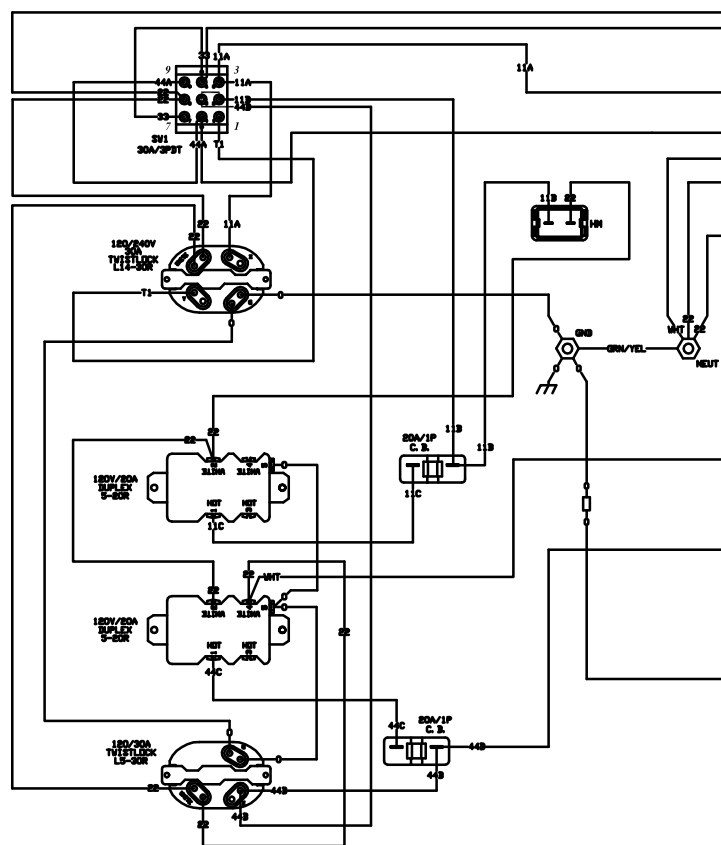
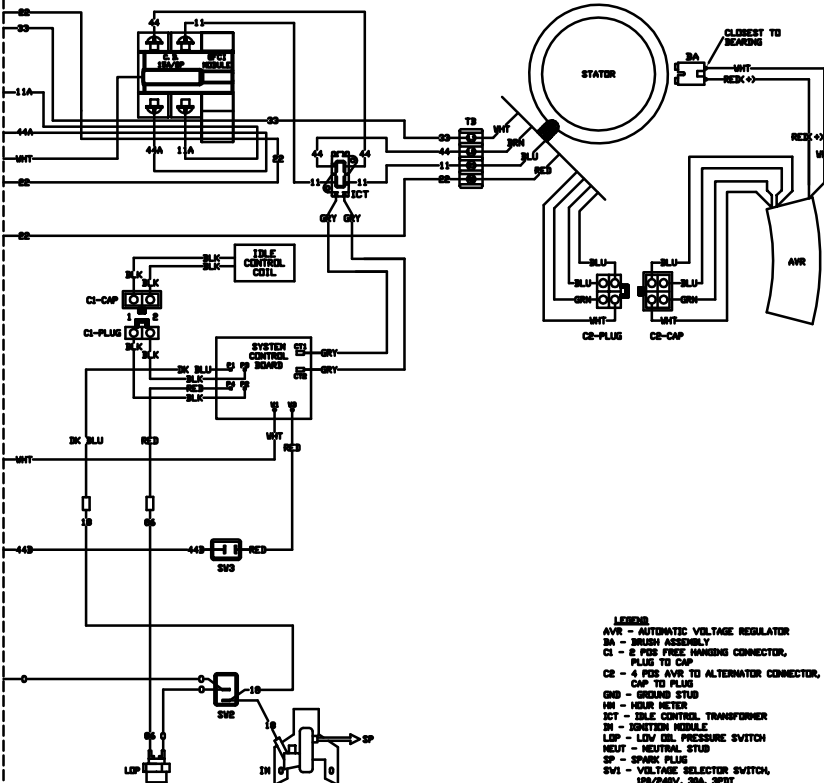


0H8536

WIRING-DIAGRAM



WIRING-DIAGRAM



LEGEND
 AVR - AUTOMATIC VOLTAGE REGULATOR
 BA - BRUSH ASSEMBLY
 CI - 2 POLE FREE HANDLING CONNECTOR, PLUS TO CAP
 CE - 4 POLE AVR TO ALTERNATOR CONNECTOR, CAP TO PLUS
 GND - GROUND STUD
 HM - HOUR METER
 ICT - ILE CONTROL TRANSFORMER
 IN - IGNITION NEEDLE
 LOP - LOW OIL PRESSURE SWITCH
 NEUT - NEUTRAL STUD
 SP - SPARK PLUG
 SV1 - VOLTAGE SELECTOR SWITCH, 180V/240V, 30A, 3PDT
 SVE - RUN-STOP SWITCH
 SVS - ILE CONTROL SWITCH
 TB - ALTERNATOR TERMINAL BLOCK
 □ - INTERCONNECT

SHEET 1 OF 2

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EST. WT.

FINAL WT.

DO NOT SCALE

ALL DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994
 UNLESS OTHERWISE SPECIFIED:
 ALL XX DIM — 50.4 MM
 ALL XXJ DIM — 50.4 MM
 ALL XXJX DIM — 50.15 MM
 ALL ANGLES — 31°

DRAWING TITLE

WIRING DIAGRAM/SCHEMATIC,
 XP4000 PORT, GFCI

MATERIAL

N/A

DWN

GMP

DATE

04/13/10

MFG

DATE

10/19/10

CHKD

KC

DATE

10/18/10

APPD

KB

DATE

10/19/10

RELEASED FOR PRODUCTION

BY

KBAUER

DATE

10/19/10

GENERAC POWER
 SYSTEMS
 Whitewater

P.O. BOX 8
 WAUKESHA, WIS. 53187

FILE NAME

0H8536-D.DWG

SIZE B

SCALE

1 = 1

FIRST USE

5929-0

DWG NO.

0H8536

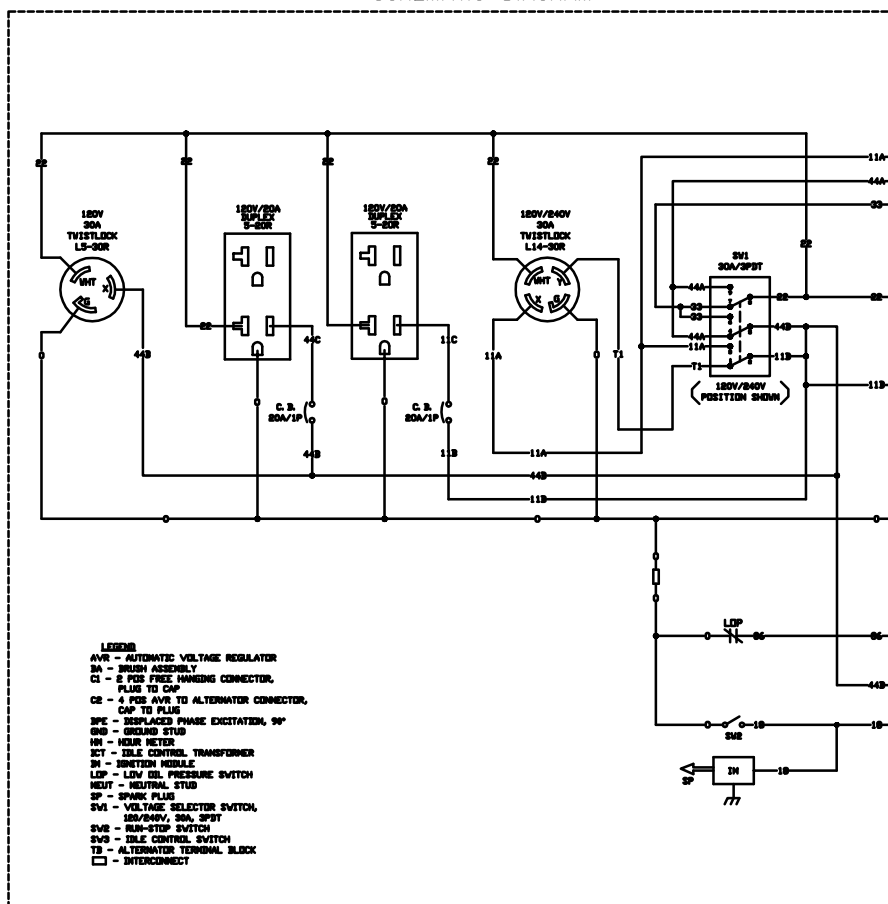
REV

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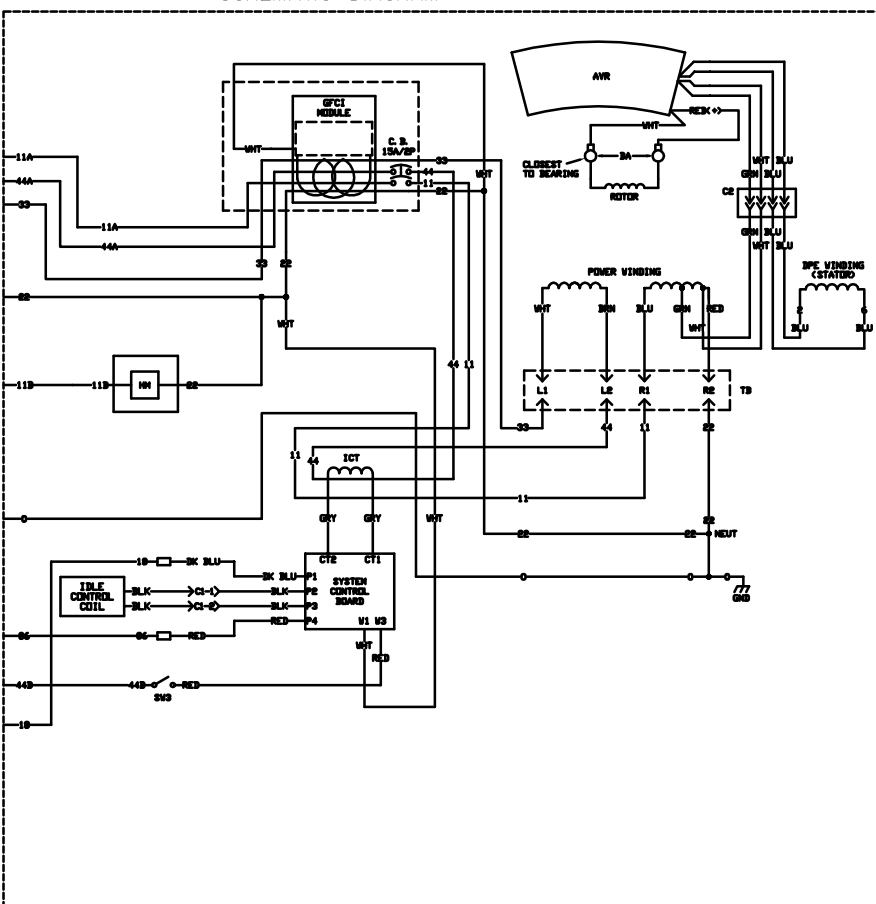
10/19/10	-A-	RELEASED			
10/26/10	H-7714-B	WIRE LABELED "WHT" FROM GFCI WAS CONNECTED TO A DUPLEX OUTLET NEUTRAL TERMINAL.			
12/30/10	H-8023-C	ADDED A 30A/250V C.B. FOR EACH DUPLEX OUTLET, REROUTED WIRING CONNECTIONS OF DUPLEX OUTLETS AND HM TO 30A/250V OUTLETS AND WIRE C.B.			
05/20/11	H-8850-D	SHEET 2 - MODIFIED SCHEMATIC DRAWING TO SHOW CORRECT AVR VOLTAGE SENSING CONNECTIONS TO THE STATOR WIRING.			

0H8536

SCHEMATIC-DIAGRAM



SCHEMATIC-DIAGRAM



LEGEND

- AVR - AUTOMATIC VOLTAGE REGULATOR
- BA - BRUSH ASSEMBLY
- CI - 2 POS FUSE, HANDING CONNECTOR, PLUS
- CE - 4 POS AVR TO ALTERNATOR CONNECTOR, CAP TO PLUS
- DE - BRUSH HOOD PHASE EXCITATION, 90°
- GN - GROUND STUD
- HN - HOUR METER
- IL - IDLE CONTROL TRANSFORMER
- IN - INJECTION METER
- LCP - LOW OIL PRESSURE SWITCH
- NEUT - NEUTRAL SWITCH
- SPN - SPARK PLUS
- SV1 - VOLTAGE RANGE SELECTOR SWITCH, 100/240V, 20A, 3P/ST
- SW - RUN-STOP SWITCH
- SW3 - IDLE CONTROL SWITCH
- TA - AMPERE HOUR TERMINAL, BLACK
- TC - INTERCONNECT

SHEET 2 OF 2

				GENERAC POWER SYSTEMS OWNS THE COPYRIGHT OF THIS DRAWING WHICH IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS SUPPLIED WITHOUT THE EXPRESS WRITTEN CONSENT OF GENERAC POWER SYSTEMS. © GENERAC POWER SYSTEMS 888		EST. VT. FINAL VT.		DRAWING TITLE WIRING DIAGRAM/SCHEMATIC, XP4000 PORT, GFCI				GENERAC POWER SYSTEMS Whitewater P.O. BOX 8 WALKESHA, WIS. 53187			
						DO NOT SCALE		MATERIAL				FILE NAME		SIZE	
						ALL DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994		N/A				0H8536-D.DWG		I	
						UNLESS OTHERWISE SPECIFIED:		DWN GMP DATE 04/13/10 MFG DATE CHKD KC DATE 10/18/10 APPD KB DATE 10/19/10				SCALE 1 = 1		FIRST USE 5929-0	
						ALL XX DIM --- 30.4 MM ALL XXX DIM --- 30.4 MM ALL XXXX DIM --- 30.15 MM ALL ANGLES --- 31°		RELEASED FOR PRODUCTION BY KBAUER DATE 10/19/10				DWG NO. 0H8536		REV D	
10/19/10	-A-	RELEASED													
10/26/10	H-7714-B	WIRE LABELED "VHT" FROM GFCI WAS CONNECTED TO A DUPLEX OUTLET NEUTRAL TERMINAL													
12/30/10	H-8023-C	WIRE 22 AWG CUE FIVE DUPLEX OUTLETS REBUILT WIRING CONNECTIONS TO TWO DUPLEX OUTLETS AND TWO WIRELESS OUTLETS TO VES. 501													
05/20/11	H-8850-D	SHEET 2 - MODIFIED SCHEMATIC DIAGRAM TO SHOW CORRECT AVR VOLTAGE SENSING CONNECTIONS TO THE STATOR WINDINGS													