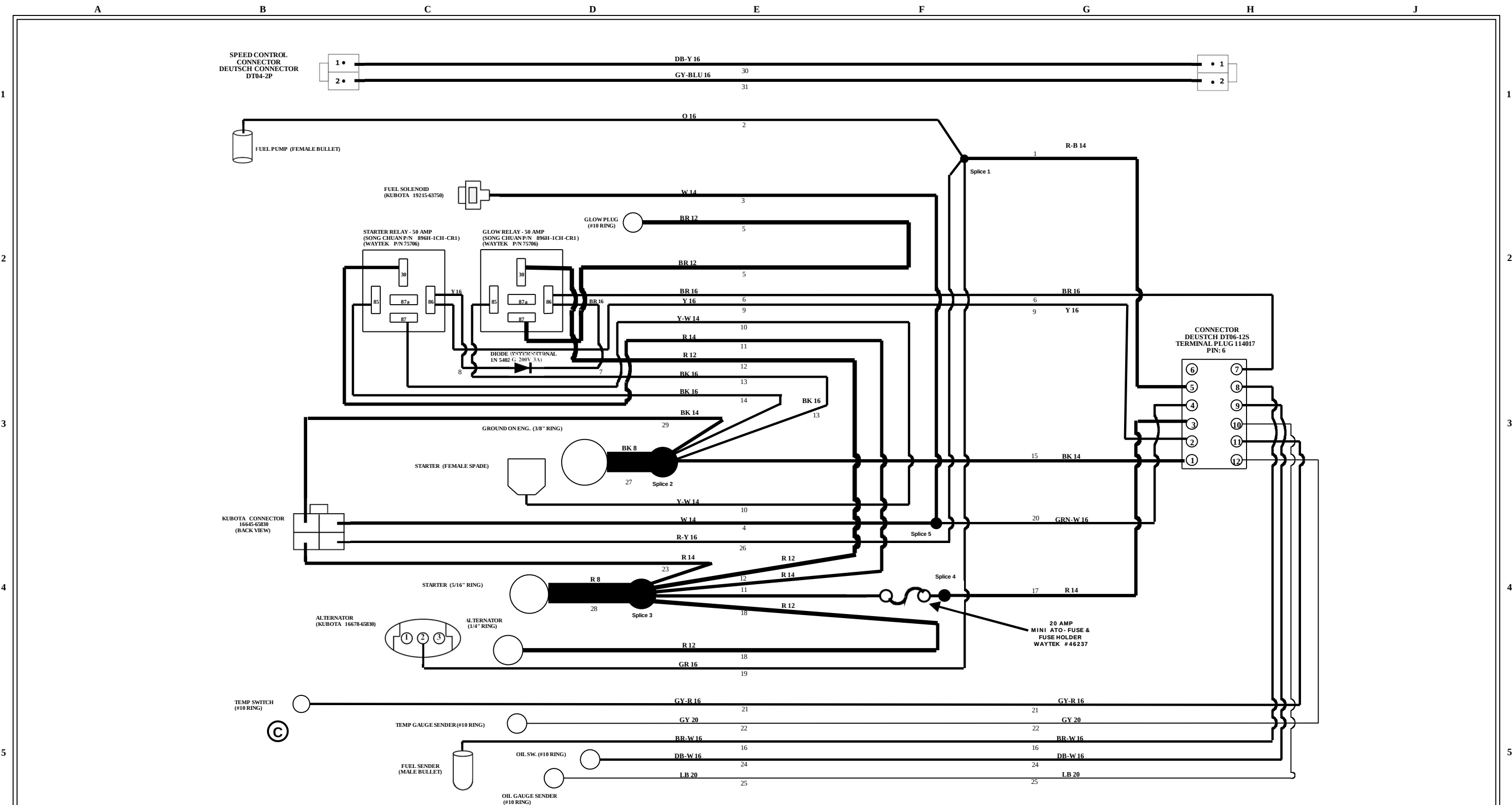
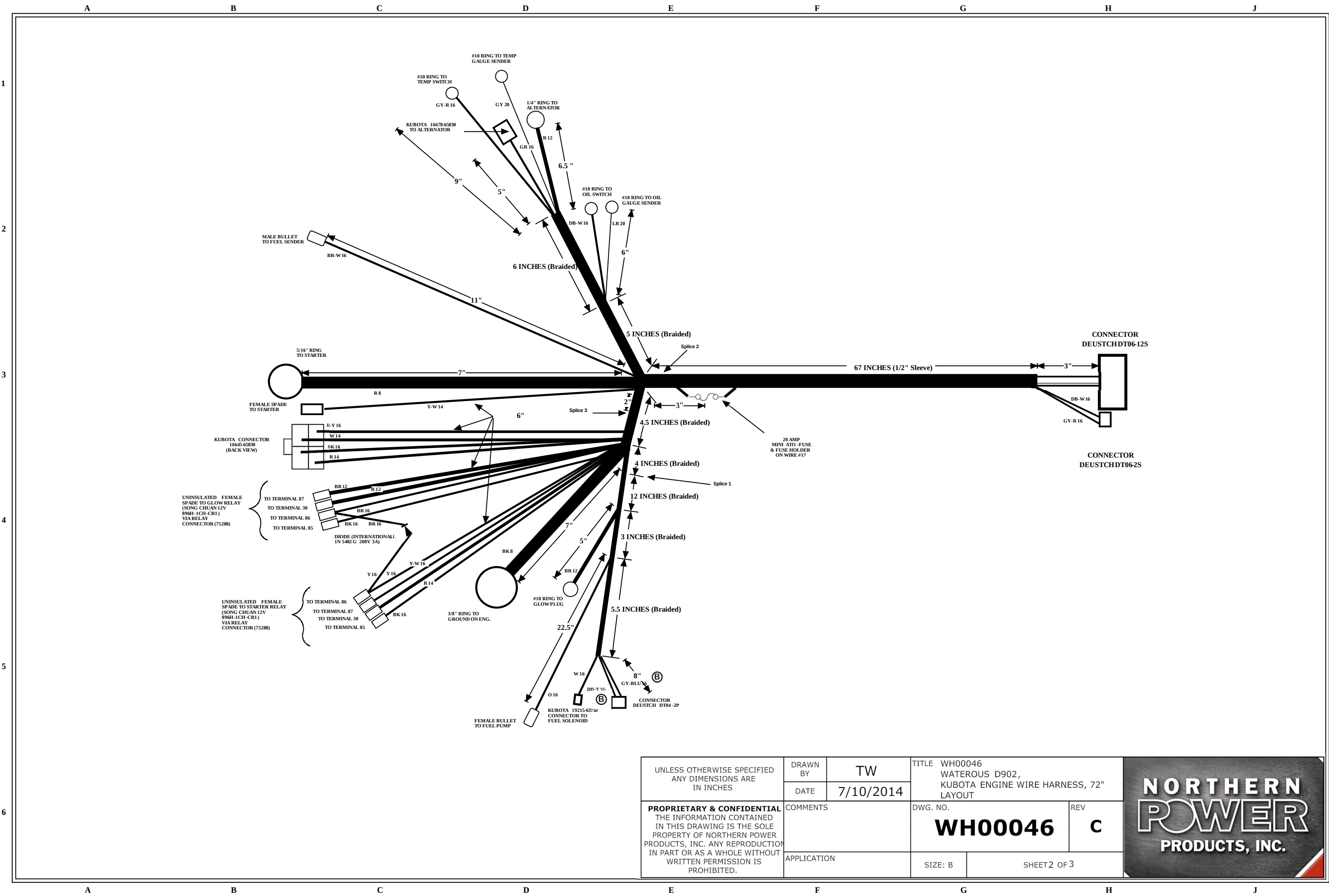




						UNLESS OTHERWISE SPECIFIED ANY DIMENSIONS ARE IN INCHES	DRAWN BY	TW	TITLE WH00046 WATEROUS D902, KUBOTA ENGINE WIRE HARNESS, 72" SCHEMATIC								
REVISIONS							DATE	7/10/2014									
REV	DESCRIPTION				DATE	ECO#	DRAWN	APPROVED	PROPRIETARY & CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NORTHERN POWER PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS PROHIBITED.	COMMENTS		DWG. NO. WH00046	REV C				
A	RELEASE FOR PRODUCTION				10/24/14	1001	TW							APPLICATION	SIZE: B	SHEET 1 OF 3	
B	CHANGE WIRE COLORS				11/04/14	1003	TW										
C	CHANGE RING TERMINAL ON TEMP. SWITCH				4/25/16	1272	MV	DJ									
A		B		C		D		E		F		G		H		J	



UNLESS OTHERWISE SPECIFIED ANY DIMENSIONS ARE IN INCHES	DRAWN BY	TW		TITLE WH00046 WATEROUS D902, KUBOTA ENGINE WIRE HARNESS, 72" LAYOUT	
	DATE	7/10/2014		DWG. NO.	REV
	COMMENTS			WH00046	C
PROPRIETARY & CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NORTHERN POWER PRODUCTS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION IS PROHIBITED.	APPLICATION		SIZE: B	SHEET 2 OF 3	

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WIRE CUT CHART						
CIRCUIT / COLOR /GAGE	LENGTH (in.)	CONN 1 / PIN #	FROM	CONN 2 / PIN #	TO	COMMENTS
R-B 14 (1)	97.25	DT06-12S / 5	CONTROL BOX	SPLICE 1 - 32070* PARALLEL BUTT CONN	SPLICE 1	DEUTSCH CONN / *WAYTECH
BR 16 (6)	108	DT06-12S / 7	CONTROL BOX	GLOW RELAY / 86	GLOW RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
BR 16 (7)	4	DIODE +	DIODE	GLOW RELAY / 86	GLOW RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1) / INTERNATIONAL DIODE (1N 5402 G 200V 3A)
Y 16 (9)	108	DT06-12S / 2	CONTROL BOX	START RELAY / 86	START RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
Y 16 (8)	4	DIODE -	DIODE	START RELAY / 86	START RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1) / INTERNATIONAL DIODE (1N 5402 G 200V 3A)
BK 14 (15)	107.5	DT06-12S / 1	CONTROL BOX	SPLICE 2 - PARALLEL BUTT CONN	SPLICE 2	
BR-W 16 (16)	83	DT06-12S / 8	CONTROL BOX	MALE BULLET TERMINAL - 31761*	FUEL SENDER	
R 14 (17)	80	DT06-12S / 3	CONTROL BOX	SPLICE 4 - PARALLEL BUTT CONN	MINI ATO FUSE HOLDER	MINI ATO FUSE HOLDER (WAYTEK 46025) & COVER (WAYTEK 46026) 20 AMP MINIATO FUSE (WAYTEK 462257)
GRN-W 16 (20)	76.5	DT06-12S / 4	CONTROL BOX	SPLICE 5 - 32070* PARALLEL BUTT CONN	SPLICE 5	
GY-R 16 (21)	92	DT06-12S / 11	CONTROL BOX	#10 RING TERMINAL - 32202*	TEMP. SWITCH	
GY 20 (22)	92	DT06-12S / 12	CONTROL BOX	#10 RING TERMINAL - 32202*	SENDER 3 + 1 TEMP.	
DB-W 16 (24)	83	DT06-12S / 9	CONTROL BOX	#10 RING TERMINAL - 32202*	OIL SWITCHW	
LB 20 (25)	83	DT06-12S / 10	CONTROL BOX	#10 RING TERMINAL - 32202*	SENDER 3 + 1 OIL	
GRN 16 (19)	24.25	SPLICE 1 - 32070* PARALLEL BUTT CONN	SPLICE 1	KUBOTA CONN 16678-65830 / IG	ALTERNATOR (IGNITION)	
R 12 (18)	19.5	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	ALTERNATOR 1/4" RING TERMINAL / B	ALTERNATOR	
R 14 (11)	12.5	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	START RELAY / 30	START RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
R 12 (12)	12.5	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	GLOW RELAY / 30	GLOW RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
W 14 (4)	6	KUBOTA CONN - 16645-65830	ETS RELAY	SPLICE 5 - 32070* PARALLEL BUTT CONN	SPLICE 5	
Y-W 14 (10)	16.5	FEMALE SPADE TERMINAL - 31713*	STARTER	START RELAY / 87	START RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
BK 16 (13)	9.5	SPLICE 2 - PARALLEL BUTT CONN	SPLICE 2	START RELAY / 85	START RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
BK 16 (14)	9.5	SPLICE 2 - PARALLEL BUTT CONN	SPLICE 2	GLOW RELAY / 85	GLOW RELAY	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
BR 12 (5)	17.5	GLOW RELAY / 87	GLOW RELAY	#10 RING TERMINAL - 32202*	GLOW PLUGS	SONG CHUAN 12V 50A RELAY (896H-1CH-CR1)
W 14 (3)	32.5	SPLICE 5 - 32070* PARALLEL BUTT CONN	SPLICE 5	KUBOTA CONN 19215-63750	FUEL SOLENOID	
O 16 (2)	40.25	SPLICE 1 - 32070* PARALLEL BUTT CONN	SPLICE 1	FEMALE BULLET TERMINAL - 31768*	FUEL PUMP	
R-Y 16 (26)	10	SPLICE 1 - 32070* PARALLEL BUTT CONN	SPLICE 1	KUBOTA CONN - 16645-65830	ETS RELAY	
BK 8 (27)	12.5	SPLICE 2 - PARALLEL BUTT CONN	SPLICE 2	3/8" RING TERMINAL	ENGINE GROUND	
R 8 (28)	9	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	STARTER 5/16" RING TERMINAL	STARTER	
BK 16 (29)	9.5	SPLICE 2 - PARALLEL BUTT CONN	SPLICE 2	KUBOTA CONN - 16645-65830	ETS RELAY	
R 14 (23)	12.5	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	KUBOTA CONN - 16645-65830	ETS RELAY	
DB-Y (30)	109	DT06-2S / 1	CONTROL BOX	DT04-2P / 1	SPEED CONTROL LINEAR ACTUATOR	
GY-BLU (31)	109	DT06-2S / 2	CONTROL BOX	DT04-2P / 2	SPEED CONTROL LINEAR ACTUATOR	
MINI ATO FUSE HOLDER	-	SPLICE 4 - PARALLEL BUTT CONN	MINI ATO FUSE HOLDER	SPLICE 3 - PARALLEL BUTT CONN	SPLICE 3	MINI ATO FUSE HOLDER (WAYTEK 46025) & COVER (WAYTEK 46026) 20 AMP MINIATO FUSE (WAYTEK 462257)

UNLESS OTHERWISE SPECIFIED
ANY DIMENSIONS ARE
IN INCHES

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DRAWN
BY

DATE

COMMENTS

APPLICATION

TW

7/10/2014

DWG. NO.

SIZE: B

TITLE

REV

SHEET3 OF 3

WH00046

C

WH00046

WATEROUS D902,
KUBOTA ENGINE WIRE HARNESS, 72"
WIRE CUT CHART

NORTHERN
POWER

PRODUCTS, INC.

A	B	C	D	E	F	G	H	J
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