

MODEL	TDE1501L4-J
TYPE	1

REF.	DESCRIPTION	PART NO.	QTY.
1	Fender	S-5959	2
2	Set of Two Tail Lights	TH-407	1
3	Wheel	TH-666	2
4	Nut	S-7290	10
5	Dust Cap	S-7289	2
6	Not Applicable		
7	Spindle Nut	5290	2
8	Washer	1309	2
9	Outer Bearing - Cone	D-74	2
10	Hub, Cup and Bolt Assy	G-6070	2
11	Inner Bearing --Cone	D-28	2
12	Seal	X-203	2
13	Bolt and Nut	EN-2502	2
14	Battery Holddown	EN-2503	1
15	Bumper	G-5882	1
16	Axle Assy	G-6071	1
17	Support Plate	G-4765	2
18	Hair Pin Cotter	8048	1
19	Stand	G-4761	1
20	Not Applicable		
21	Swivel Wheel Jack	TH-51	1
22	Hitch Bracket	S-6183	1
23	Ball Coupler	TH-155	1
24	Main Frame	G-4754	1
25	Deck Plate	S-5956	2
26	Spacer	S-6071	8
27	Tank Strap	G-2663-9	2
28	Isolation Tape	JJ-18111	2
29	Tank	T-38	1
30	Deck Plate	S-5960	1
31-43	Not Applicable		
44	Skid Assembly	G-7905	1
45	Generator Support	G-5225	1
46	Brush Spring	G-3422	8
47	Brush	Y-51	8
48	Brush Gear Assy	G-5459	1
N.S.	Coupling Disc Adapter	I-913	1
50	Bearing Retainer	W-43	1
51	Field Frame	G-4775-2	1
52	Lift Eye	S-859	1
53	Bearing	D-4-1	1
54	Armature	G-5370-95	1
55	Fan Assy	G-7914	1
56	Hub Coupling	I-865-1	1
57	Coupling Disc	S-9833-2	2
58	Engine Adapter	I-841	1
59	Fan Wrapper	S-7037-1	1
60	Spring	S-7061	1
61a	Field Coil Straight	H-1095-1	1
61b	Field Coil Cross	H-1095-1	1
61c	Field Coil Straight	H-1095-1	1
61d	Field Coil Cross	H-1095-1	1
62	Field Pole	G-4777-1	4
63	Coil Shield	J-528-1	8
64	Panel Front	S-5851-1	1

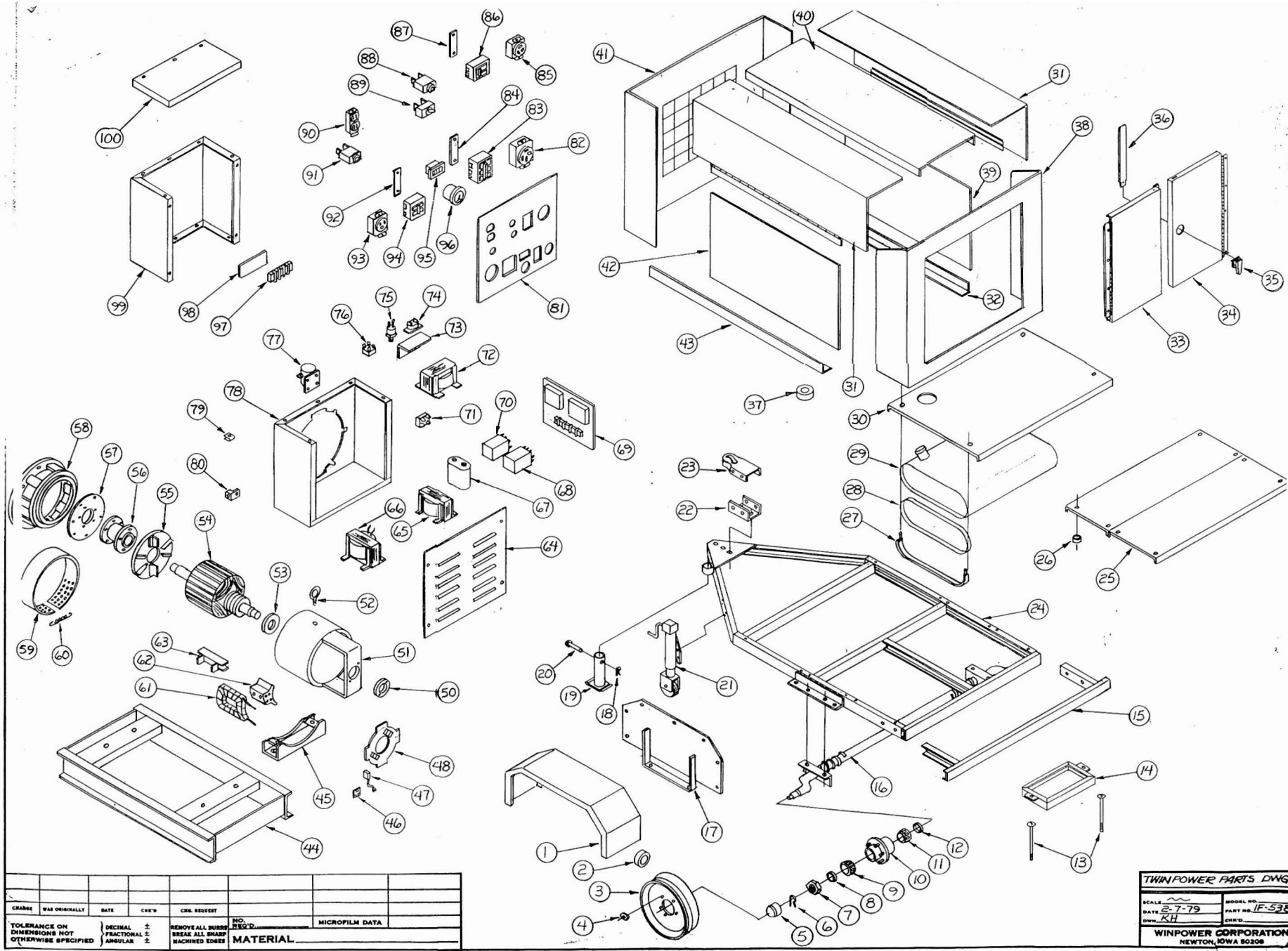
REF.	DESCRIPTION	PART NO.	QTY.
65	Choke	EE-1982	1
66	Transformer	EE-1981	1
67	Capacitor	EE-1539	1
68-75	Not Applicable		
76	Rectifier	EE-2214	1
77	Not Applicable		
78	Panel Weldment	G-7503	1
79	Tinnerman	4957	10
80	Ground Lug	EE-1671	1
81	Panel Front	S-9602-1	1
82	Receptacle 50 Amp (Type CS)	EE-2363	1
83	Circuit Breaker 50 Amp	EE-2812-8	1
84	Mounting Plate	S-5027-1	1
85	Receptacle (NEMA L6-30R)	EE-1372	1
86	Circuit Breaker 30 Amp	EE-2813-4	1
87	Mounting Plate	S-5027	1
88	Not Applicable		
89	Switch	EE-196-2	1
90	Receptacle Duplex 15 Amp (NEMA 5-15R)	EE-323	1
91	Circuit Breaker 15 Amp	EE-1885	1
92	Mounting Plate	S-5027	1
93	Receptacle 50 Amp (Type CS)	EE-2349	1
94	Circuit Breaker 50 Amp	EE-2809-8	1
95	Hour Meter	TM-17	1
96	Ammeter D.C. 30-0-30	AM-12	1
97	Terminal Block	EE-696-4	1
98	Not Applicable		
99	Panel Back and Sides	S-9603	1
100	Panel Top	S-7623-6	1
N.S.	Engine Lister TL-3	EC-14650	1
N.S.	Locking Plate	S-9633	3
N.S.	Blocking Diode	G-7879	1
N.S.	Oil Pressure Switch	OP-37	1
N.S.	High Air Temperature Switch	WT-35	1

Wiring Diagram IF-5386-3

Parts Drawing IF-5384

PL-2474
(Sheet 2 of 2)

ⓑ WAS IF-5386-3 6-3-86
Ⓐ WAS EE-196 6-3-86



CHANGE	WAS ORIGINALLY	DATE	CHK'D	CHK. REQUEST	NO. REQ'D	MICROFILM DATA
TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED		DECIMAL 2	FRACTIONAL 2	REMOVE ALL BURRS BREAK ALL SHARP MACHINED EDGES	MATERIAL	

TWINPOWER PARTS DWG

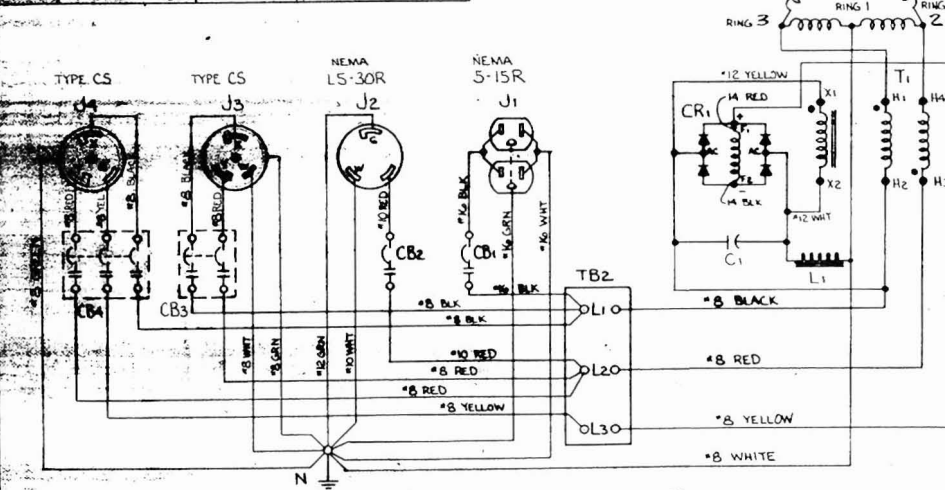
SCALE: 2-7-79	MODEL NO.
DATE: KH	PART NO. IF-536
	CHK'D:

WINPOWER CORPORATION
NEWTON, IOWA 50208

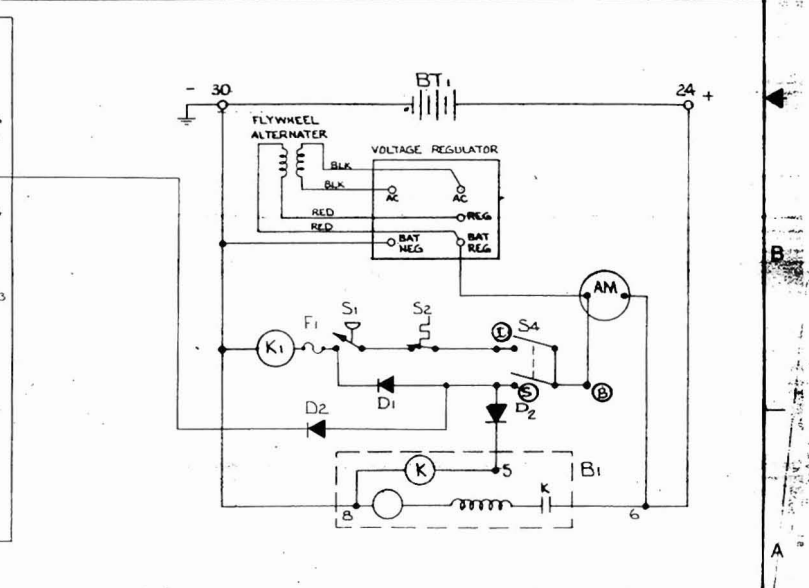
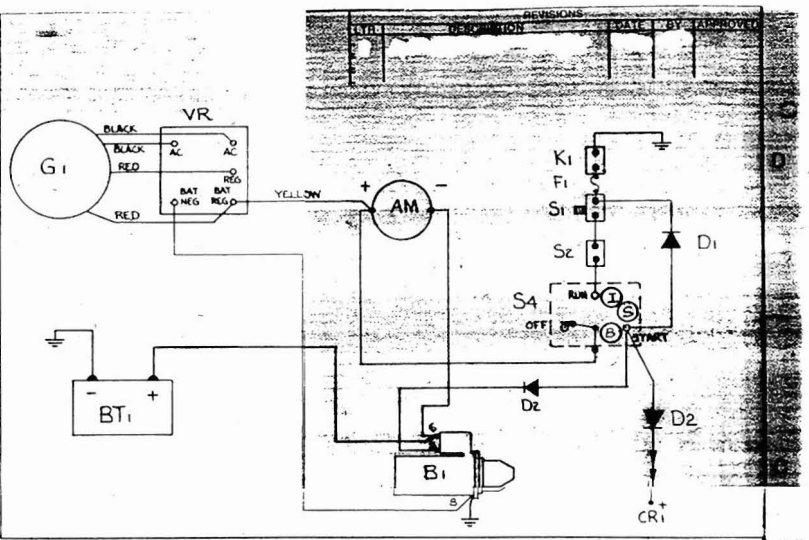
NOTICE: THIS DOCUMENT IS CONFIDENTIAL AND IS THE PROPERTY OF WINPOWER CORPORATION, NEWTON, I.A. IT MUST NOT BE USED IN ANY WAY DETRIMENTAL TO OUR INTEREST. REPRODUCTION OF ITS CONTENT BY ANY MEANS OR IN ANY FORM WITHOUT EXPRESS PERMISSION OF THE WINPOWER MANAGEMENT IS PROHIBITED.

ENGINE PART LIST		
REF. NO.	PART NO.	DESCRIPTION
B1	SUPP WITH ENGINE	STARTER MOTOR
B2	VARIOUS	BATTERY
KA	SUPP WITH ENGINE	FLYWHEEL ALTERNATOR
K1	SUPP WITH ENGINE	AUTOMATIC FUEL CONTROL SOLENOID
S1	QP-37	OIL PRESSURE SWITCH (N.O. 4"SP)
S2	WT-35	HIGH AIR TEMPERATURE SWITCH (N.C.)
S4	EE-196-2	ENGINE START SWITCH
F1	SUPPLIED WITH ENGINE	FUSE

CONTROL CABINET PARTS LIST		
REF. NO.	PART NO.	DESCRIPTION
C1	EE-4539	CAPACITOR
CB1	EE-1865	CIRCUIT BREAKER 1P 15A 250V
CB2	EE-2813-4	CIRCUIT BREAKER 1P 30A 240V
CB3	EE-2809-8	CIRCUIT BREAKER 2P 50A 240V
CB4	EE-2812-8	CIRCUIT BREAKER 3P 50A 240V
CR1	EE-2214	RECTIFIER ASSEMBLY
CR2	CG-7879	RECTIFYING DIODE
HM	TM-17	HOUR METER
J1	EE-323	DUPLEX 5A 120V 2 POLE 3 WIRE
J2	EE-1372	TWIST LOCK RECEPTACLE 30A 120V
J3	EE-2346	RECEPTACLE 50A 120/250V 4 WIRE
J4	EE-2363	RECEPTACLE 50A 250V 3 PHASE
L1	EE-1982	CHOKE
T1	EE-1981	TRANSFORMER
TB2	EE-696-A	TERMINAL BLOCK 4 P 75A
AM	AM-12	AMMETER 30-0-30 D.C.



SYMBOLS	MATERIAL	DO NOT SCALE
PARALLEL LINES	POSITION	
ROUNDNESS	SYMMETRY	
SPACING	CONCENTRICITY	
TOLERANCE	ANGULARITY	
	TOLERANCE ON DIMENSIONS NOT OTHERWISE SPECIFIED	DECIMAL & FRACTIONAL ANGULAR



REF	PART NO	QTY	DESCRIPTION
PARTS LIST			
WINPOWER CORPORATION NEWTON, IOWA 50208			
TITLE WIRING DIAGRAM			
PART NO. TDE15014-J		SIZE C	REV
PART NO. TDE14014-J		SCALE ~	DATE 3-12-66
ASSY BUILD NO.		SHEET	

IF-5386-3