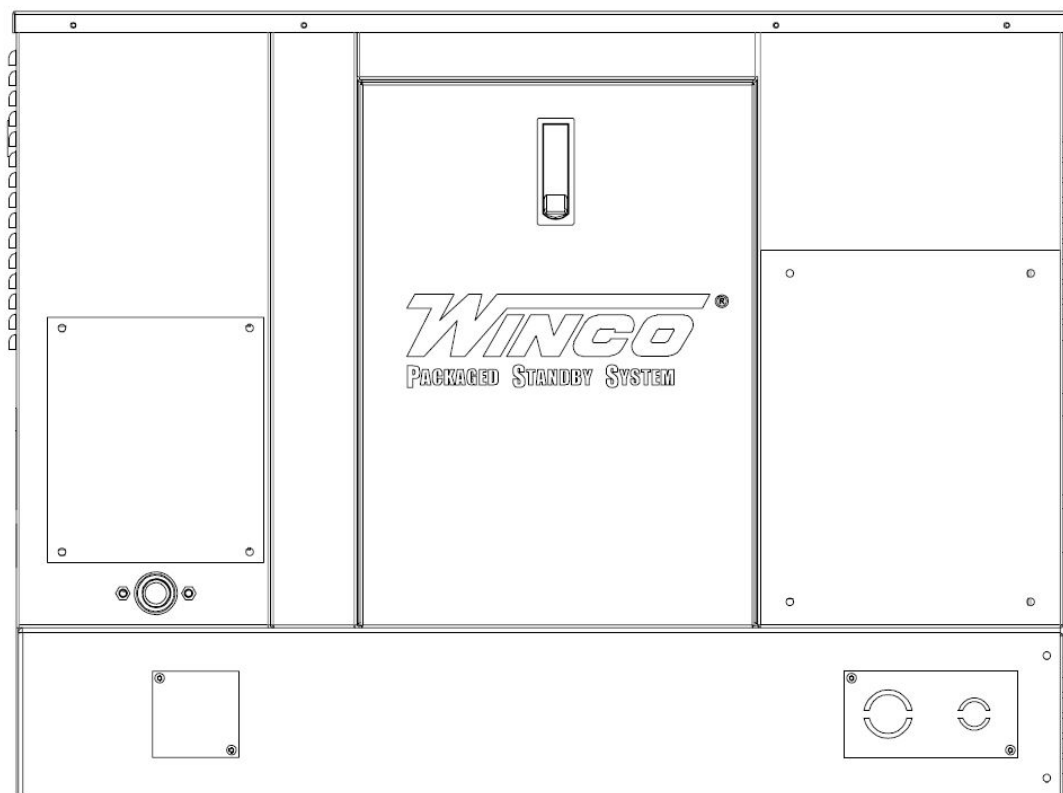




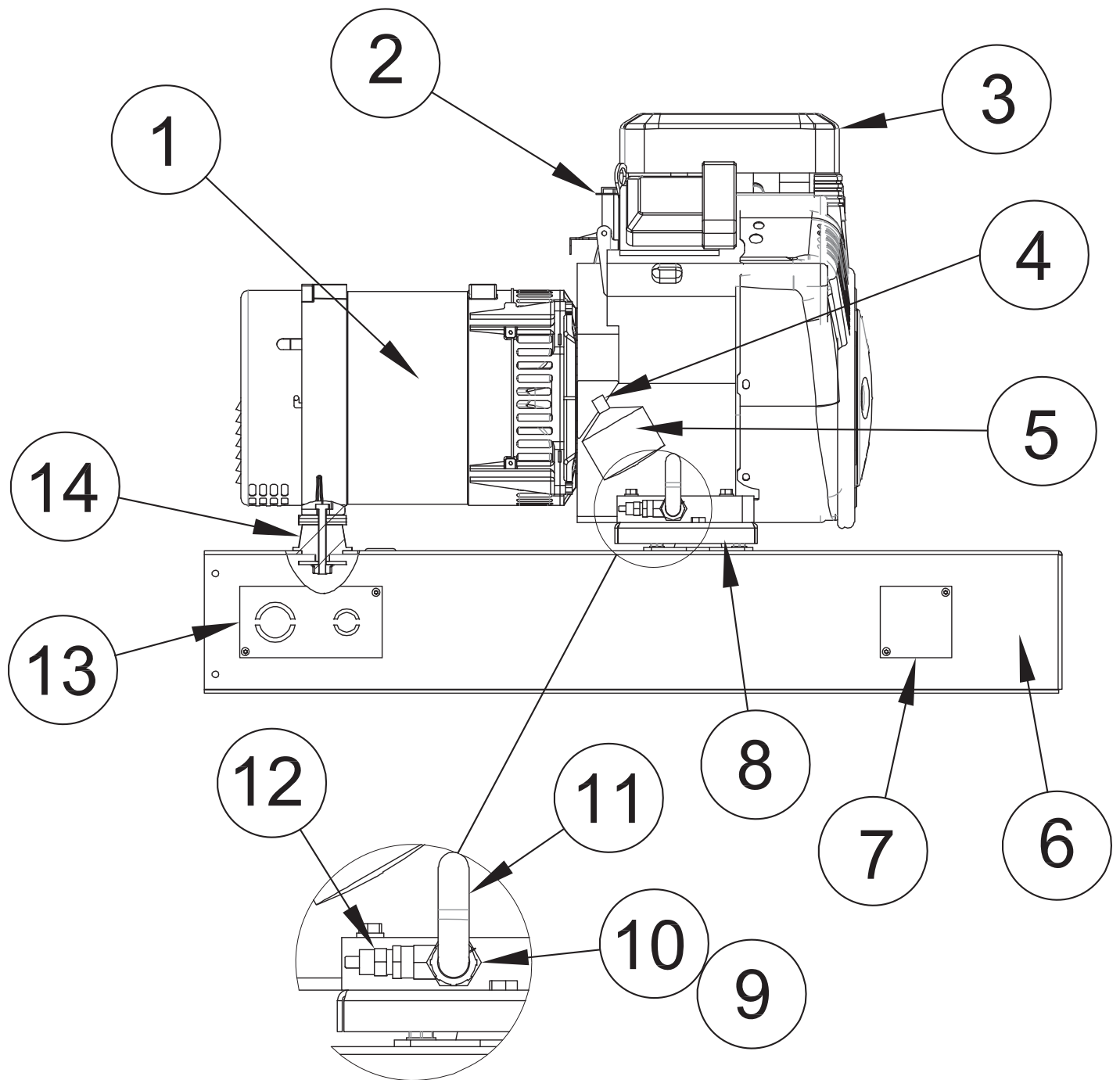
PSS8B2W/F PSS8B2W/G SOLAR PARTS LIST



GENERATOR SPECIFICATIONS:

STATOR:	0.14 Ohms
ROTOR:	5.67 Ohms
CAPACITOR LEADS:	1.31 Ohms

ENGINE / GENERATOR ASSEMBLY



ENGINE / GENERATOR ASSEMBLY

REF #	PART NUMBER	QTY	DESCRIPTION
1	16346-004	1	Generator: Mecc Alte Spa Model: S20W-130/A
2	16288-002	1	Engine: Briggs & Stratton Model: 359447-0115-E1
3	2-107 272490	1 1*	Air Filter Air Filter - Pre-Cleaner
4	690237	1*	Oil Pressure Switch
5	2-105	1	Oil Filter
6	16406-005	1	Base
7	300385-2	2	Lifting Hole Cover
8	15636-004	1	Engine Support
9	99967-000	1	Street Tee Fitting
10	300349	1	Oil Drain Valve
11	62286-012	1	1/2" Hose 12" Long
12	15808-000	1	Oil Temperature Switch
13	300385-3	2	Lifting Eye Cover
14	98807-000	3	Shock Mount
NI	2-109	2	Spark Plug
NI	16288-112	1	Starter Solenoid

Notes: NI - Not Illustrated; * Briggs & Stratton Part Number;

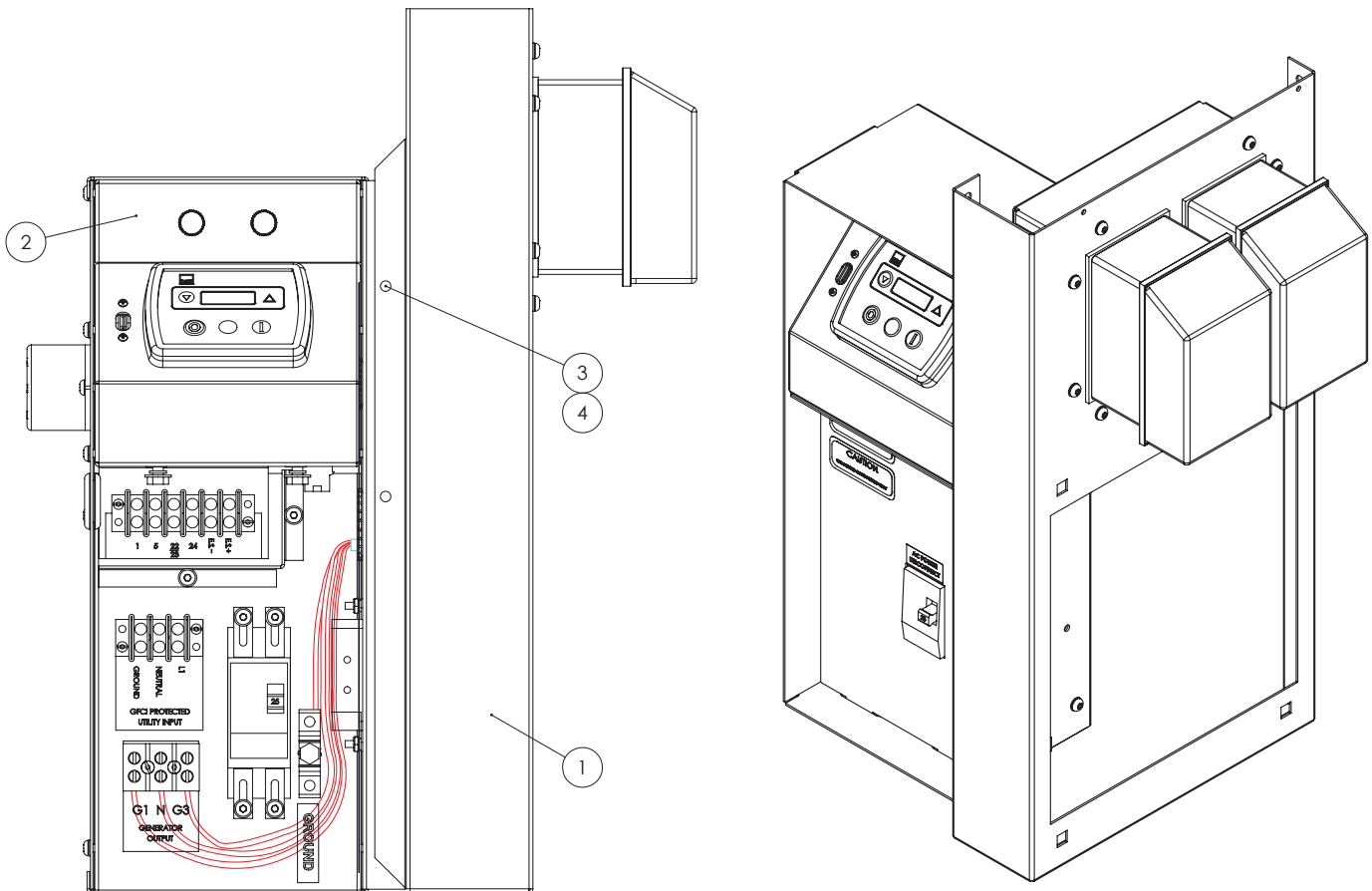
CONTROL TOWER ASSEMBLY

REF #	PART NUMBER	QTY	DESCRIPTION
1	15764-011	1	2-Wire Control Assembly
2	95064-002	1	3/4 Amp Fuse
3	95064-006	1	10 Amp Fuse
4	351112-5	1	DSE3110 Engine Control
5	92844-005	1	USB Cable
6	80623-000	1	6 Point Terminal Block
7	23917-000	1	Grommet
8	80623-005	1	3 Point Terminal Block
9	64576-006	1	3 Point Decal
10	51795-000	1	3 Point Terminal Block
11	64576-005	1	AC Output Decal
12	16501-000	1	Floating Neutral Decal
13	15666-006	1	MLCB Panel
14	15750-001	1	Ground Decal
15	48042-000	1	Ground Lug
16	57030-003	1	35 Amp Circuit Breaker
17	24749-000	1	NEMA 5-15R Receptacle
18	9700-002	1	Lead Wire Assembly
19	59944-002	2	SPDT 10 Amp Relay
20	16503-000	1	Caution Decal
21	63941-005	1	Caution Decal
22	16502-001	1	AC Disconnect Decal
23	15666-007	1	Cover
24	15667-006	1	Tower
NI	300309-3	1	DC Box
NI	16287-000	1	Battery Tender
NI	15757-028	1	DC Harness
NI	21698-001	20	Torx Screws
NI	16454-001	1	Trans. Voltage Suppressor
NI	2489-001	2	Fuse Holder

Notes: NI - Not Illustrated.

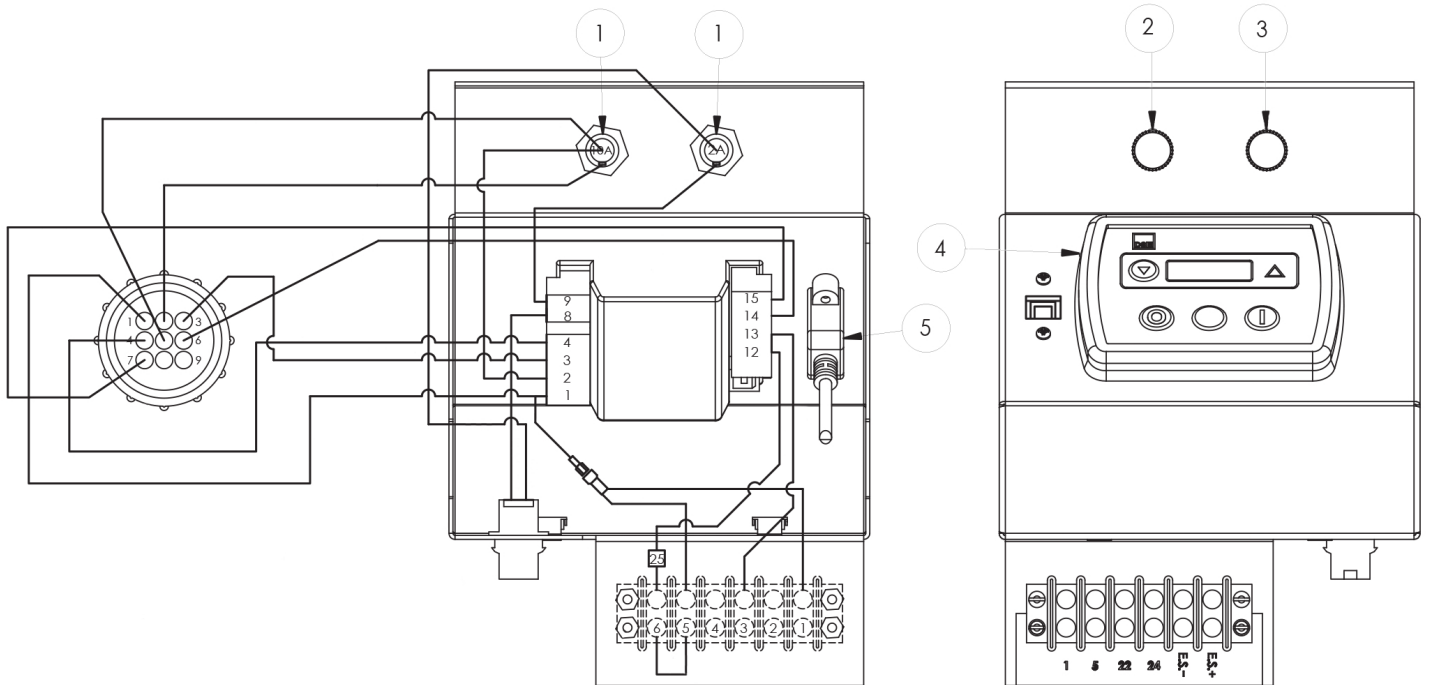
SOLAR CONTROL TOWER AND RIGHT BACK CORNER ASSEMBLY

(15757-034)



REF #	PART NUMBER	QTY	DESCRIPTION
1	16464-010	1	Back Right Corner Assembly
2	16757-033	1	MLCB Assembly
3	95568-000	2	Thread Stud 10-24 x .625
4	99671-000	2	#10-24 Hex Nut

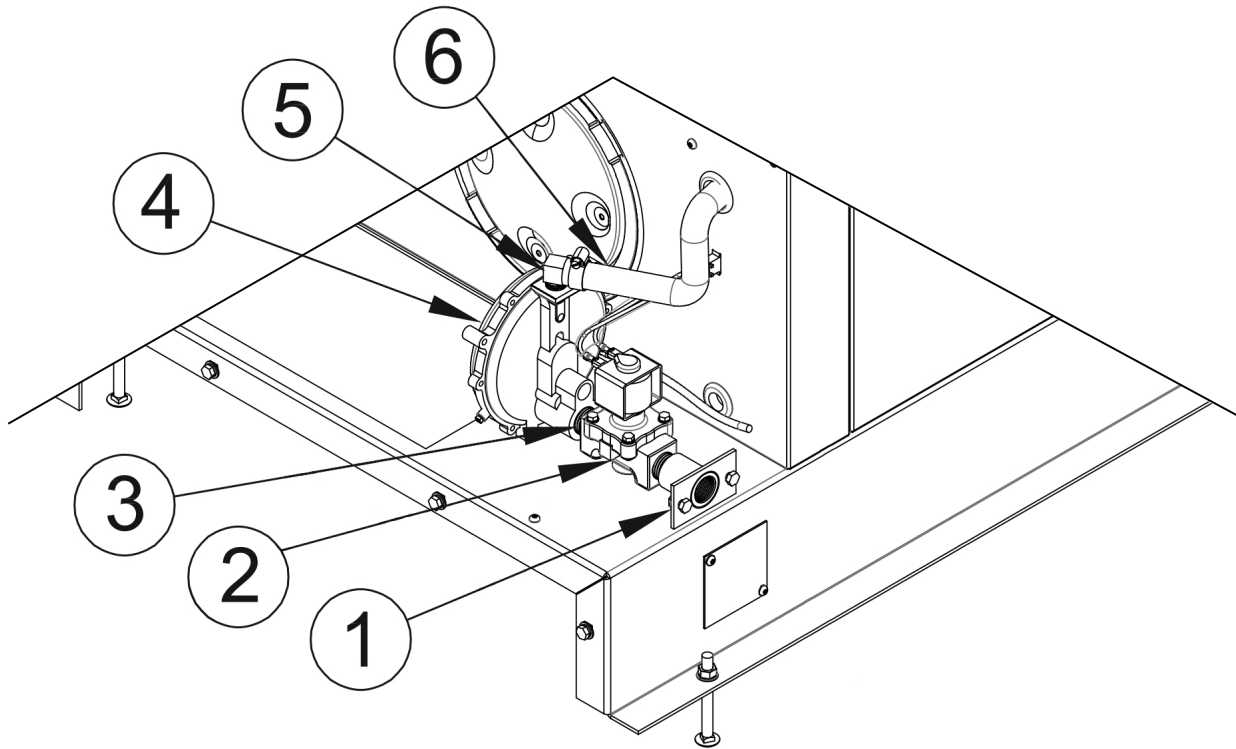
2-WIRE CONTROLLER ASSEMBLY (15764-011)



REF #	PART NUMBER	QTY	DESCRIPTION
1	2489-001	2	Fuse Holder
2	95064-006	1	10 Amp Fuse
3	95064-008	1	2 Amp Fuse
4	351112-5	1	DSE 3110 Controller
5	92844-005	1	USB Cable
NI	64576-018	1	Remote Start Decal

Notes: (1) NI - Not Illustrated

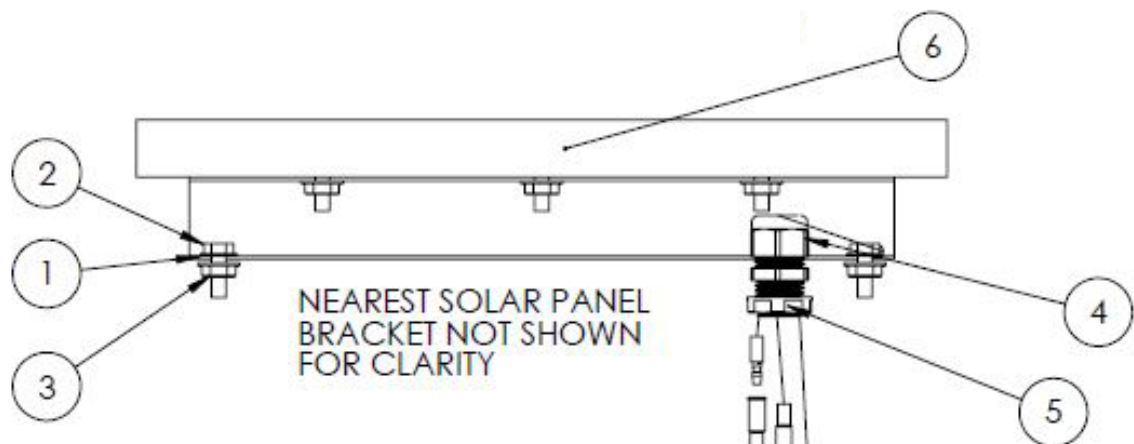
VAPOR FUEL SYSTEM ASSEMBLY



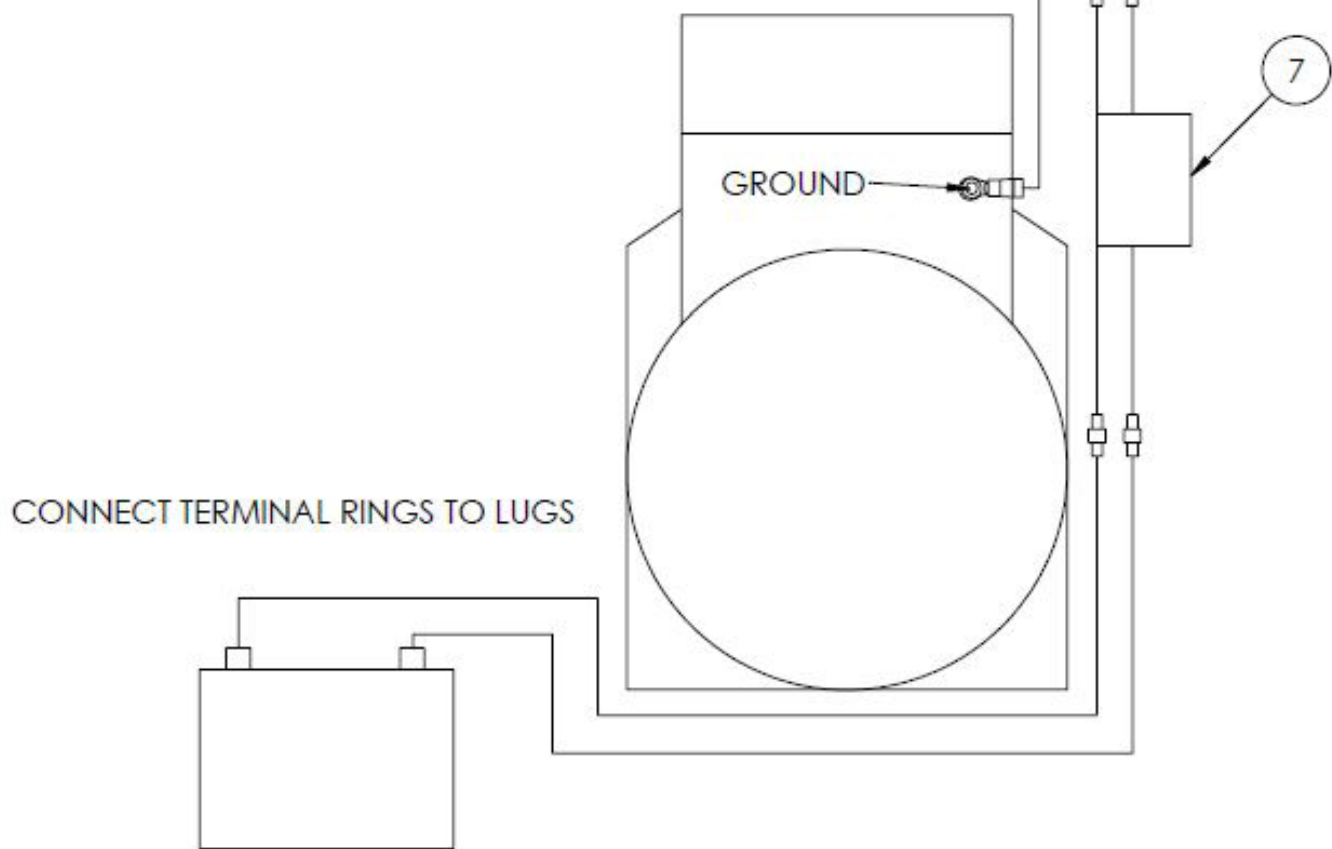
REF #	PART NUMBER	QTY	DESCRIPTION
1	99085-011	1	Fuel Inlet Weldment
2	42942-000	1	Solenoid
3	54074-006	2	3/4" Pipe Nipple
4	55559-002	1	Demand Regulator
5	92382-004	1	Hose Fitting
6	23048-000	18"	Fuel Hose
NI	81018-005	2	Hose Clamp
NI	81827-001	1	1/8" 90° Breather Hose Fitting
NI	40078-000	11"	Breather Hose
NI	644-000	1	1/8" Plug

Notes: NI - Not Illustrated

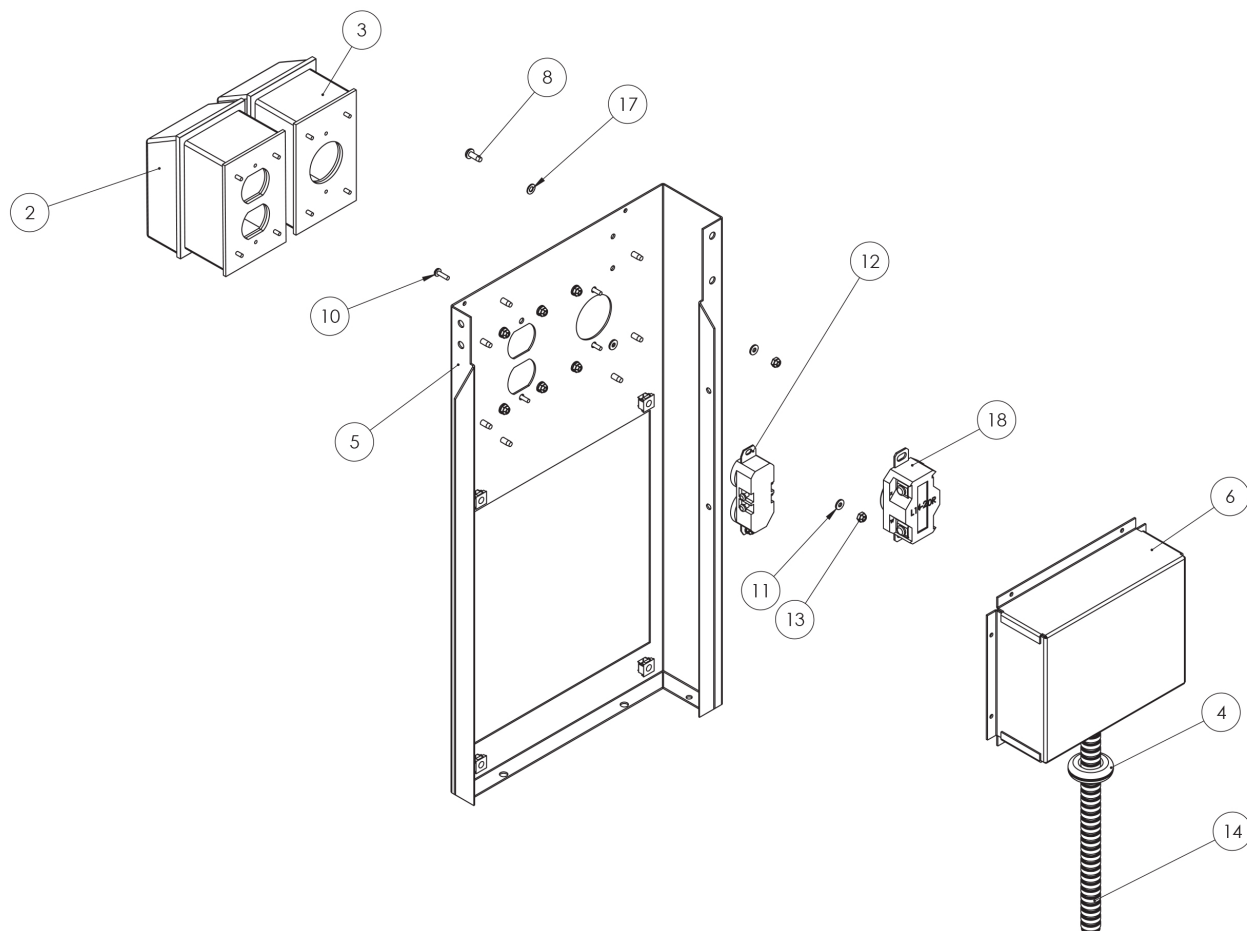
SOLAR CHARGER ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	65005-000	4	.25 Washer SS
2	65000-001	4	.25-20 x .75 SS HHCS
3	65006-000	10	.25-20 Flange Nut SS
4	93073-030	1	Cord Grip .5 NPT
5	22627-001	1	Locknut 1/2 NPT
6	405020-006	2	Solar Panel Bracket
7	300539-5	1	Solar Panel 5W

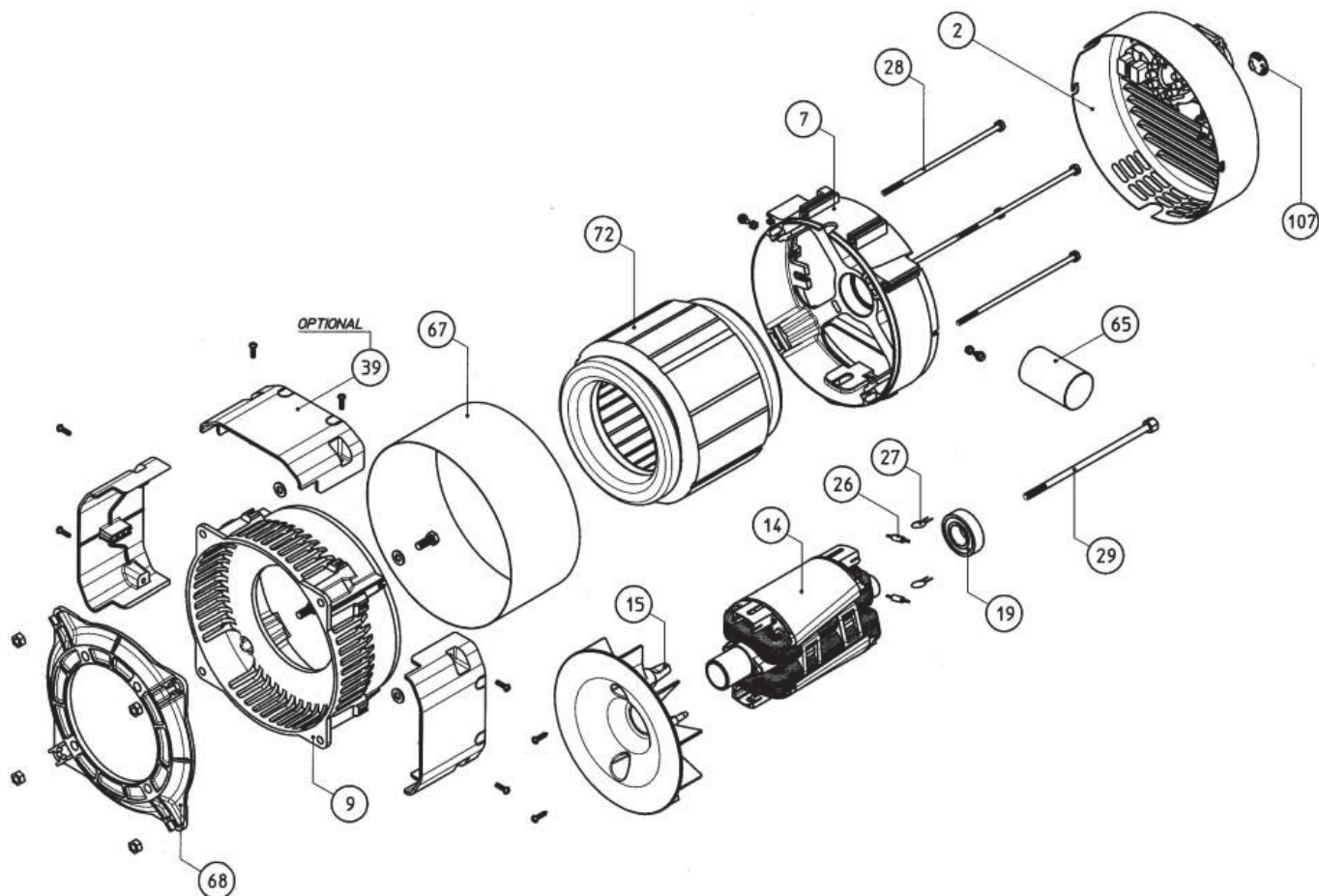


SOLAR RECEPTACLE PANEL ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
2	15620-016	1	30985 Mulberry Waterproof Cover
3	15620-016	1	30985 Mulberry Waterproof Cover
4	16302-000	1	Grommet .875ID x 1.25"
5	16464-008	1	Back Right Corner
6	16464-009	1	Receptacle Box
8	21698-001	8	Torx Pan Head Screw #10
NI	21850-011	7	Terminal Hook 12-10 AWG # 10STUD
10	24988-001	4	Screw 6-32 x 1/2 Bind
11	425-000	10	#6 Flatwasher
12	50766-000	1	NEMA 5-20R Duplex Receptacle
13	51802-000	10	Nut Hex #6-32 Nylock
14	62487-004	10"	Loom .69" O.D.
17	96286-002	8	Flat Washer Nylon
18	97360-003	1	NEMA L14-20R Receptacle
NI	12633-000	2.25'	LW 12 Ga, Red Xlpe Insulation
NI	21486-000	2.50'	LW 12 Ga, White Xlpe Insulation
NI	91778-000	2.92'	LW 12 Ga, Black Xlpe Insulation
NI	91784-000	2.42'	LW 12 Ga, Green, Xlpe Insulation
Notes: NI - Not Illustrated			

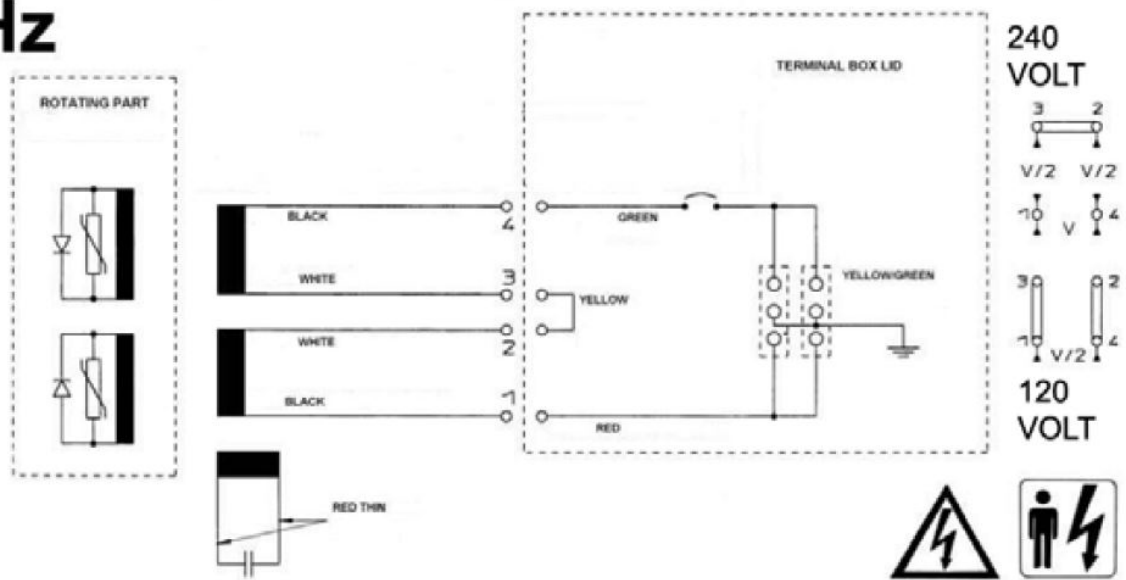
GENERATOR END ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
	16346-004	1	Complete Generator End
19	54665-000	1	6205-2RS Bearing
26	300323-208	2	Varistor
27	300323-207	2	Diode
65	16346-412	1	45 μ F Capacitor

GENERATOR END SCHEMATIC

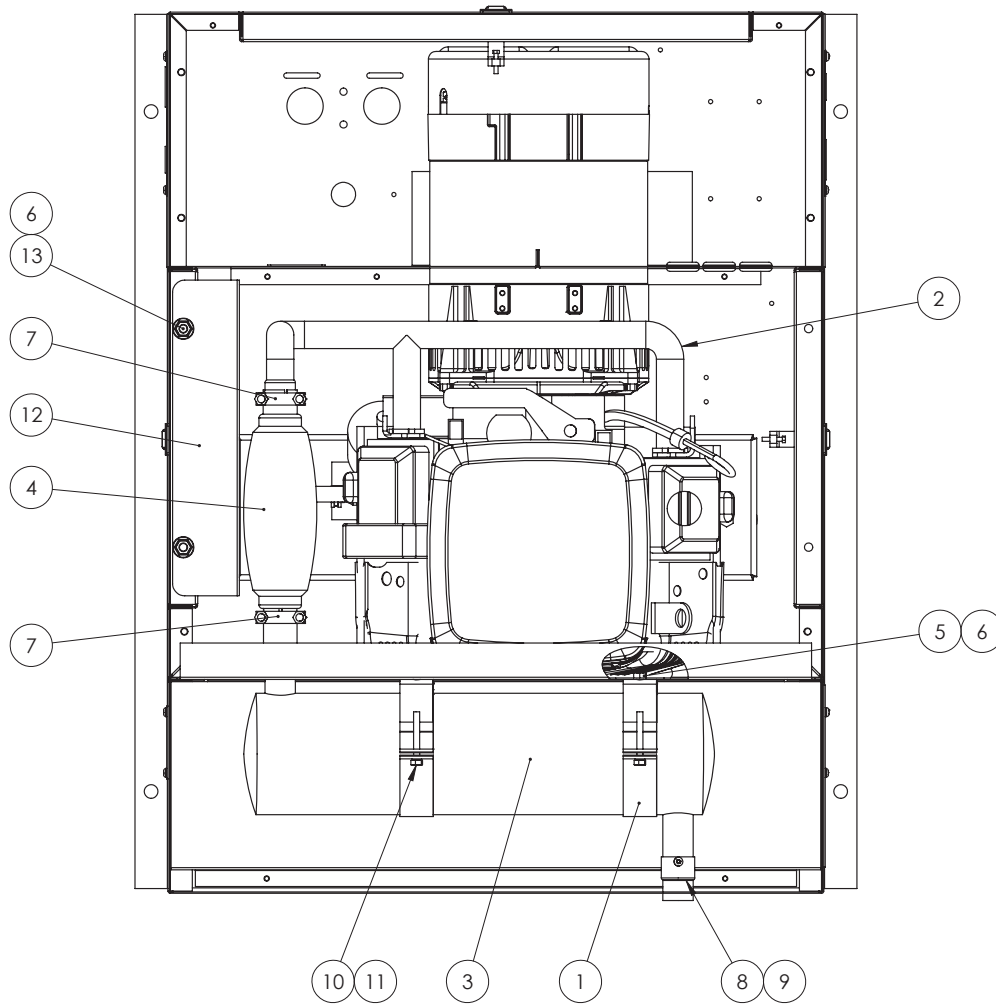
60 Hz



DECALS

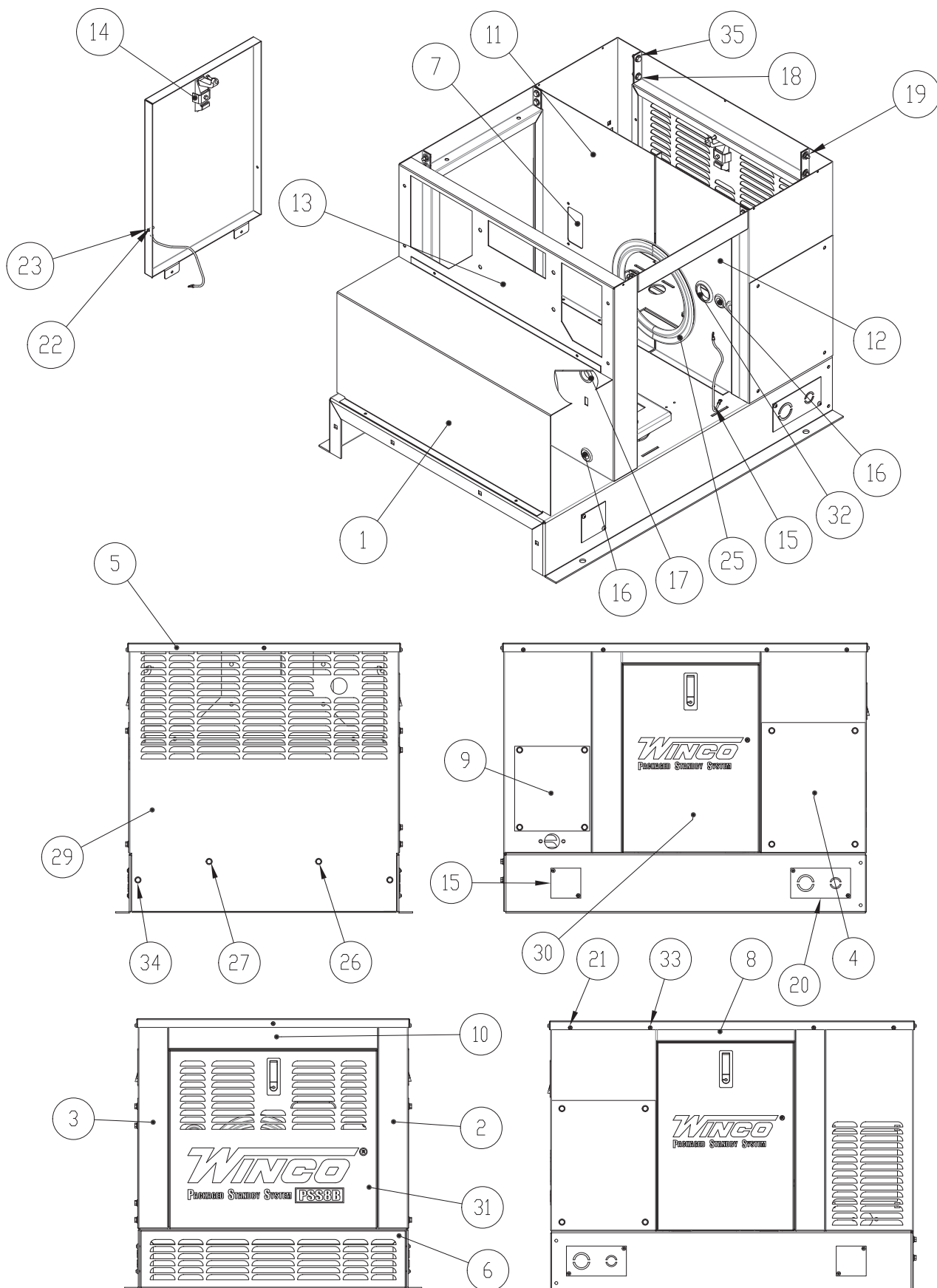
PART NUMBER	QTY	DESCRIPTION
15209-000	1	Decal Set
15209-100	1	Decal Set French
63941-001	3	Hot Surface Decal
63941-003	1	Battery Compartment Decal
63941-004	1	Fuse Warning Decal
97813-000	2	Auto Start Warning Decal
15849-000	1	CSA Standby Decal
64891-001	1	Electrical Code Decal
300375	1	Fuel Selection Decal
15210-010	1	UL Fuel System Decal
15209-004	1	Aluminum Inlet Decal

EXHAUST ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	350264-17	2	5" Muffler Bracket
2	16247-007	1	Exhaust Manifold
3	350590-8	1	5" Muffler PSS8
4	16246-003	1	Exhaust Flex
5	477-000	4	HHCS .3125-18 x .625
6	16249-000	6	.3125-18 Flange
7	93489-010	2	1.25" ID Exhaust Clamp
8	15769-002	1	Spark Arrestor 1.25"
9	21698-001	1	Self Tap Screw, Torx
10	466-002	2	.25-20 x 2 HHB
11	479-000	2	Lock Washer .25" Split
12	15687-040	1	Heat Shield
13	98879-004	2	Thread Stud 5/16-18 x .50

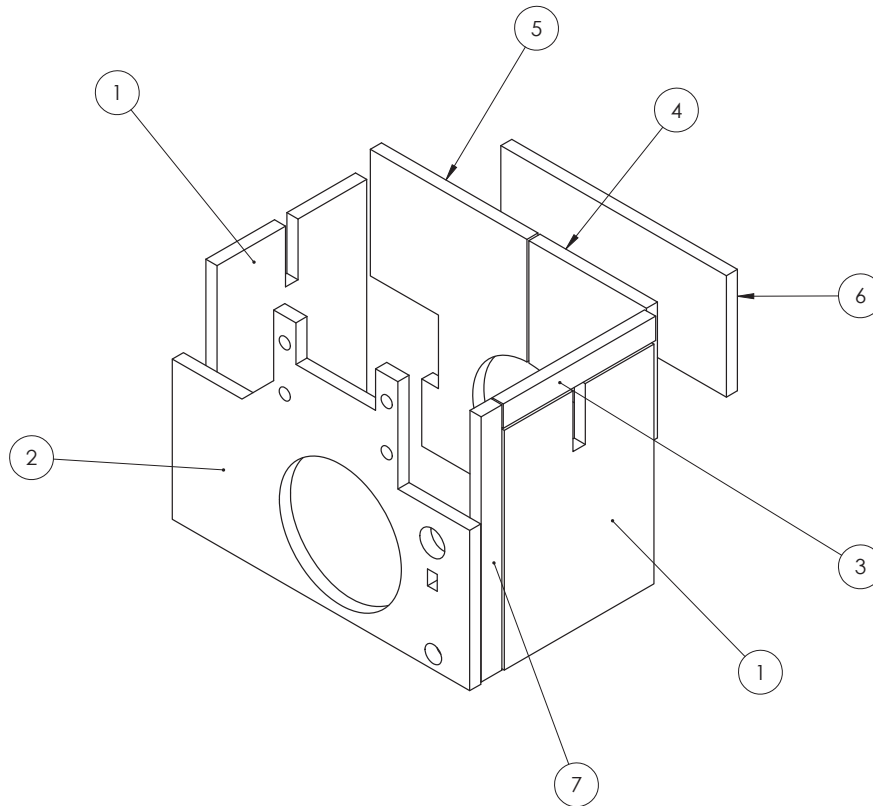
HOUSING ASSEMBLY



HOUSING ASSEMBLY

REF #	PART NUMBER	QTY	DESCRIPTION
1	16473-005	1	Engine Cool Air Partition
2	16464-003	1	Back Right Corner (non Solar)
NI	15757-034	1	Control Tower/Corner Assembly (Solar)
3	16464-004	1	Back Left Corner
4	16414-009	2	Battery Access Panel
5	16422-004	1	Roof
6	15671-010	1	Back Bottom
7	16440-002	1	Heater Hole Cover
8	15681-018	2	Side Sill
9	16414-006	1	Regulator Access Panel
10	15681-020	1	Rear Sill
11	16417-004	1	Right Generator Partition
12	16416-004	1	Left Generator Partition
13	16473-006	1	Front Divider
14	95229-005	3	Door Latch
15	300385-4	2	Lifting Eye Cover
16	23917-000	3	Grommet
17	62486-000	1	Grommet
18	476-000	16	1/4-20 x 5/8" Bolt
19	16248-000	12	1/4-20 Flange Nut
20	300385-5	2	Lifting Eye Cover
21	21698-001	24	Torx Screws
22	99671-000	3	10-24 Lock Hex Nut
23	95568-000	3	10-24 Self-Tap Bolt
24	97290-003	Reference	Reflective Foam Kit
25	15287-001	2	15.5" Air Seal
26	65000-001	22	1/4-20 x 3/4" Bolt
27	65003-000	22	Lock Washer
28	99789-017	Reference	Foam Kit (non Solar)
NI	99789-020	Reference	Foam Kit (Solar)
29	16414-005	1	Front
30	16360-031	2	Service Panel (Side Door)
31	16360-030	1	Rear Door
32	23917-004	1	Grommet
33	96286-002	15	Flat Nylon Washer
34	65005-000	22	Flat Washer
35	512-000	16	Washer
Notes: NI - Not Illustrated			

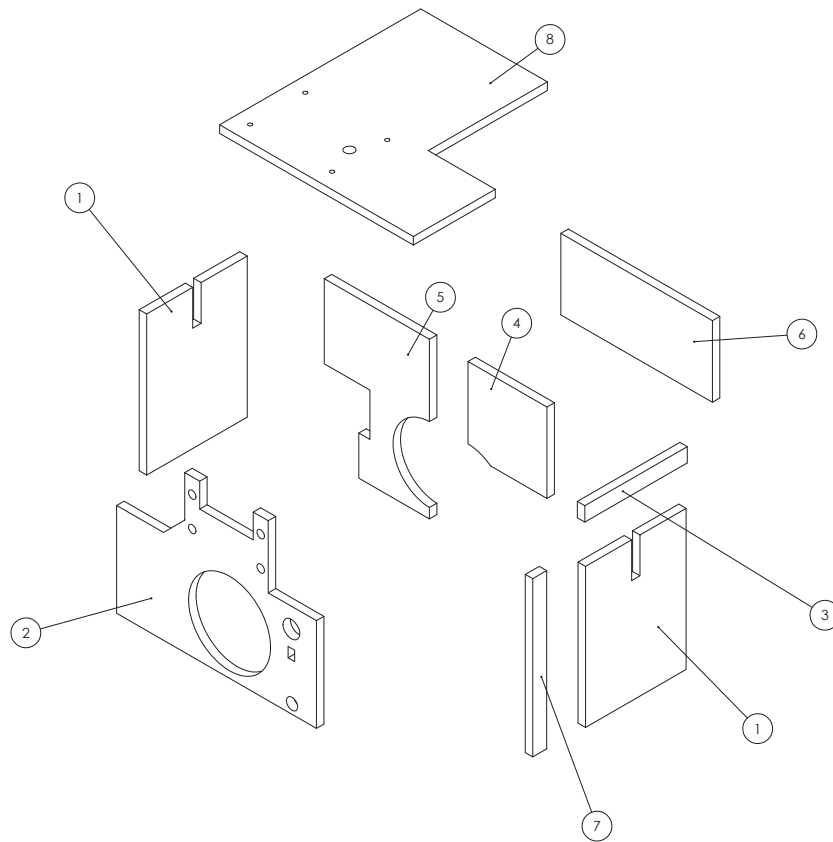
FOAM KIT



REF #	PART NUMBER	QTY	DESCRIPTION
1	16485-027	2	Service Panel Foam
2	16485-028	1	Engine Divider Foam
3	16485-029	1	Side Sill Foam
4	16485-030	1	Right Gen. Partition Foam
5	16485-031	1	Left Gen. Partition Foam
6	16485-036	1	Rear Door Foam
7	16485-035	1	Back Corner Foam
NI	97290-003	1	Reflective Foam Kit

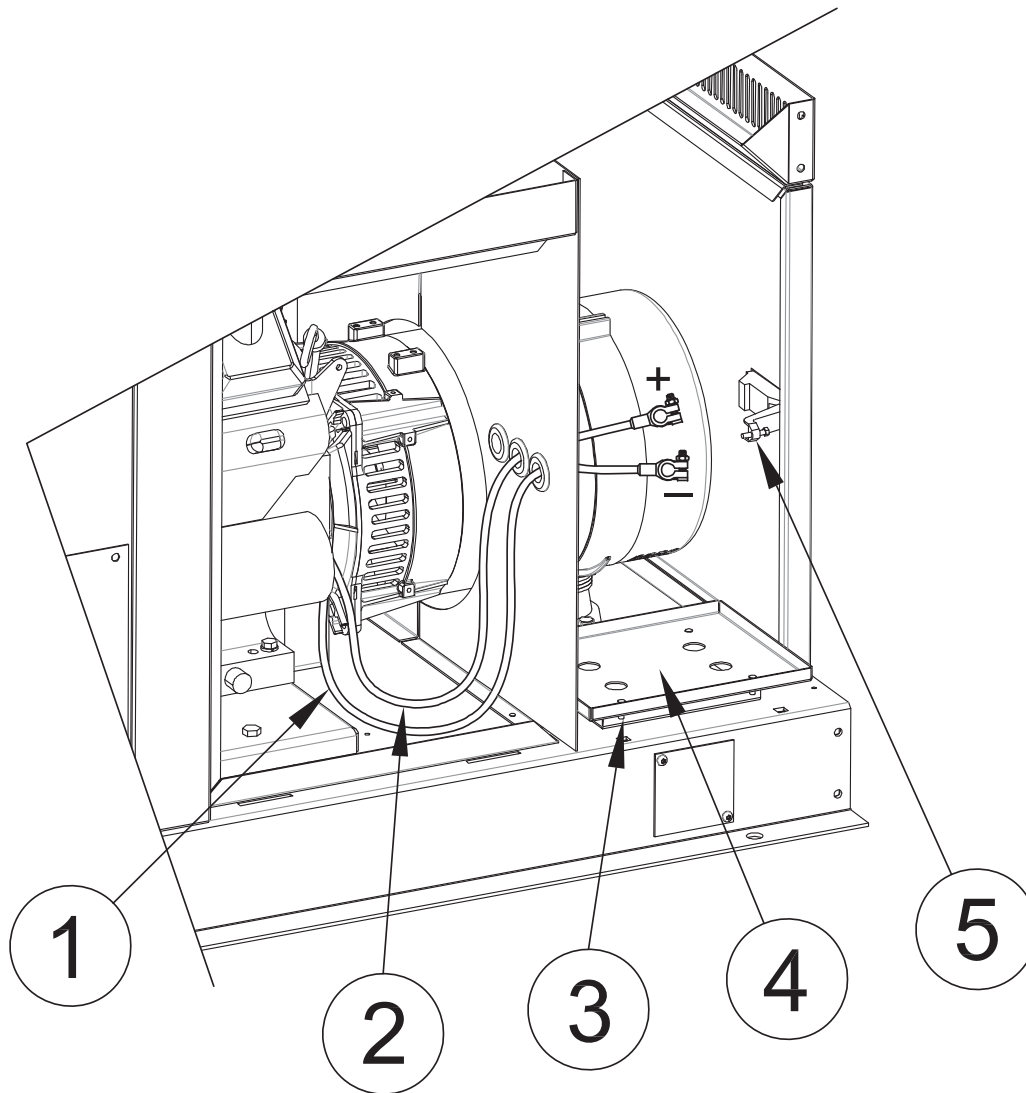
Notes: (1) Not Illustrated.

SOLAR FOAM KIT



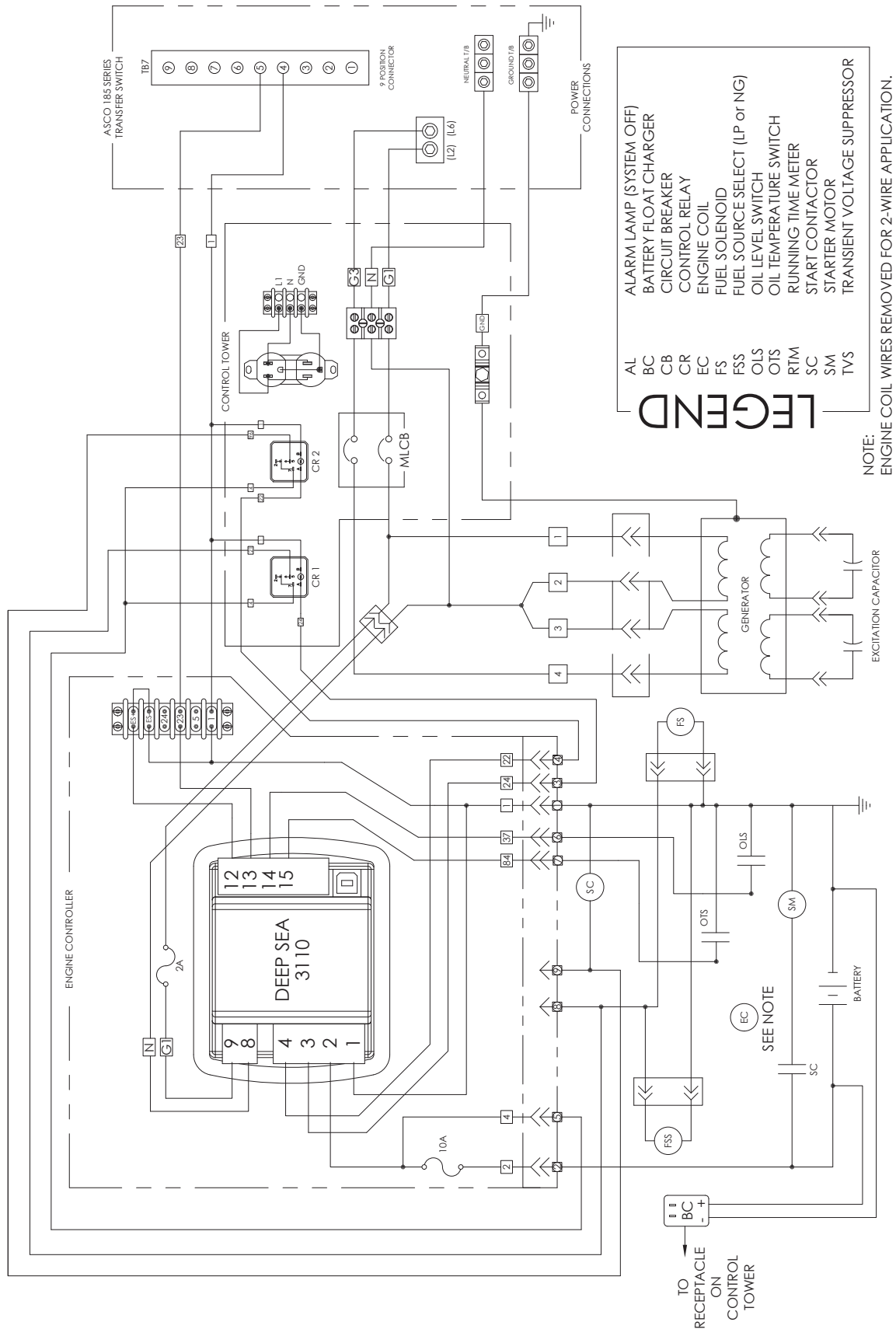
REF #	PART NUMBER	QTY	DESCRIPTION
1	16485-027	2	Service Panel Foam
2	16485-028	1	Engine Divider Foam
3	16485-029	1	Side Sill Foam
4	16485-030	1	Right Gen. Partition Foam
5	16485-031	1	Left Gen. Partition Foam
6	16485-036	1	Rear Door
7	16485-035	1	Back Corners
8	16485-049	1	Roof-Solar Foam
NI	97290-003	1	Reflective Foam Kit
Notes: (1) Not Illustrated.			

BATTERY ASSEMBLY



REF #	PART NUMBER	QTY	DESCRIPTION
1	22097-012	1	Battery Negative (-) Cable
2	22097-009	1	Battery Positive (+) Cable
3	300430-4	1	Battery Riser
4	300430-5	1	Battery Tray
5	95901-002	1	Terminal Boot

2-WIRE START AC & DC GENERATOR SCHEMATIC





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wincogen.com