



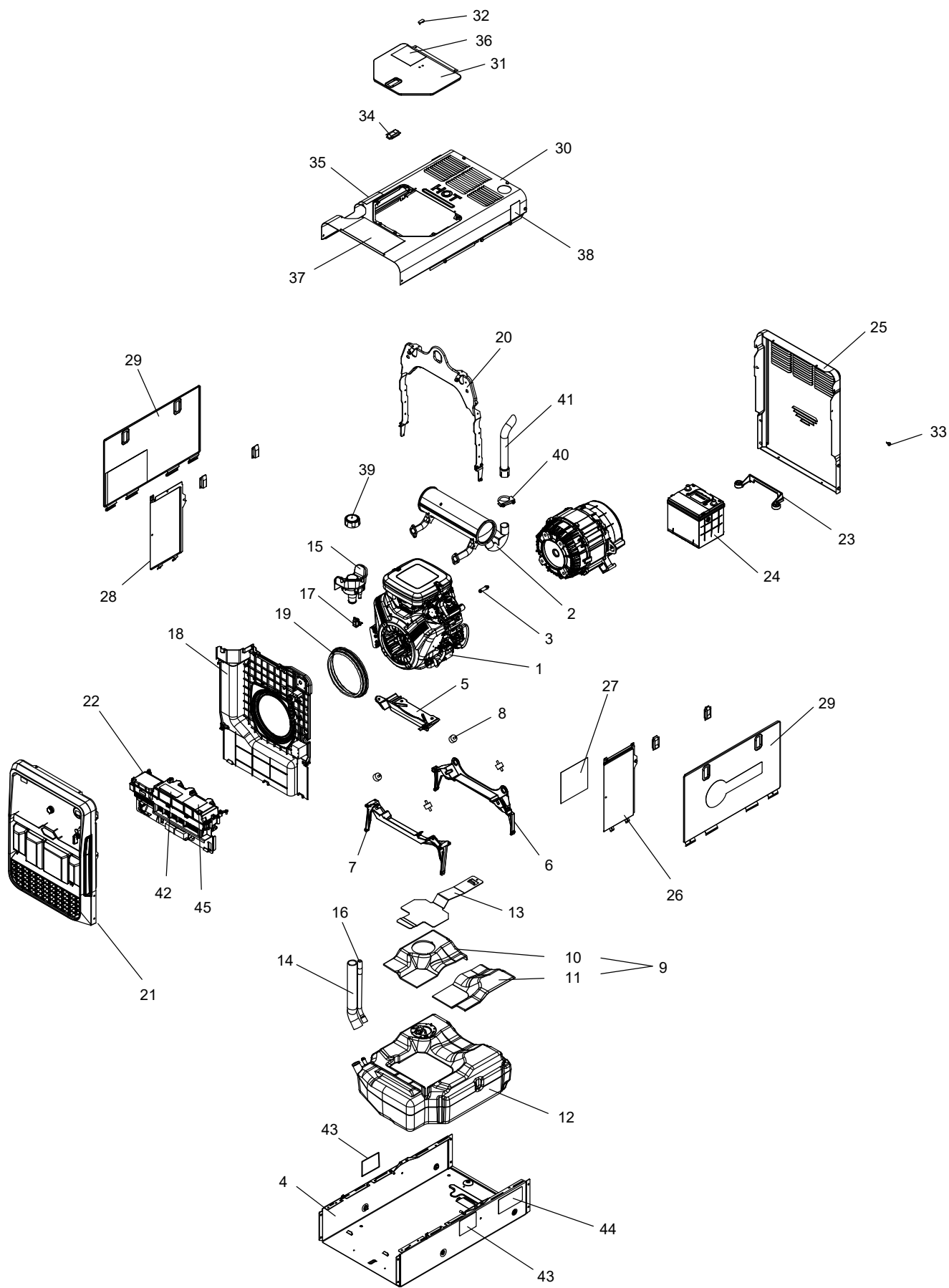
PM- 289543 D

Champion Elite 225

Effective with Serial Number
ND320681R - ND500000R



PARTS MANUAL



Main Assembly

Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		289880	Engine, Vanguard Gas Elec 23 Hp	1
		294509	Pump, Fuel Pulse (Briggs)	1
		293445	Switch, Oil Pressure (Briggs)	1
		293446	Regulator, Voltage (Briggs)	1
		297970	Idle Solenoid, (Briggs)	1
*		293399	↓ Knob, Pointer 1.250 Dia x 6mm Id w/Spring/Print	
		293393	→ Filter, Air Briggs Vangaurd 3864	1
		293395	→ Pre-Filter, Air Briggs Vangaurd 3864	1
		293397	→ Filter, Fuel Briggs Vangaurd 3864	1
		067007	→ Spark Plug, Kohler (Ch12.5/18/20) & Briggs Intek 8	2
		293398	→ Filter, Oil Briggs Vangaurd 3864	1
2		297126	Kit, Briggs Muffler/Housing	ND320681R - NE191188R 1
2		295837	Muffler, Exhaust Engine (Briggs)	NE191188R - ND500000R 1
		297180	Muffler, Gasket (Briggs)	2
3		292326	Spacer, Muffler	1
		289850	Cable, Battery Negative 27.5in 4 Awg .312 Ring	ND320681R - NE380821R 1
		297907	Cable, Battery Negative 20.75in 4 Awg .312 Ring	NE380821R - ND500000R 1
		258598	Cable, Battery Positive 23in 4 Awg .312 Ring	ND320681R - NE380821R 1
		297908	Cable, Battery Positive 39in 4 Awg .312 Ring	NE380821R - ND500000R 1
		293497	Tubing, Corrugated Plastic Slit .500 Dia x 19.000	ND320681R - NE380821R 1
		294261	Tubing, Corrugated Plastic Slit .500 Dia x 35.000	1
		231907	Terminal, Header 3 Pin Pc Mtg Str 1 Row Tin	1
		296047	Assy, Ground Wires	1
		Generator Assembly (See following for subassembly information)		1
		292986	Tubing, Corrugated Plastic Slit 1.000 Dia x 36.000	1
4		289349	Base	1
5		291571	Bracket, Mtg Engine(Briggs)	1
6		289575	Bracket, Mtg Base Engine	1
7		289576	Bracket, Mtg Base Generator	1
8		289577	Mount, Vibration	4
9		295154	↓ Assy, Shield,Heat Reflective	1
10		294632	→ Shield, Heat, Reflective (.250 Thk)	1
11		295152	→ Shield, Heat, Reflective, Rh (.250 Thk)	1
		260506	Clamp, Stl Cush .375 Dia x .281 Mtg Hole	1
12		289334	↓ Tank, Fuel 11 Gal w/Sender	1
		293101	→ Sender, Fuel Gauge w/Gasket (Viton Gasket)	1
13		294646	Brkt, Hold Down, Fuel Tank	NE470488R - ND500000R 1
		010860	Clamp, Hose .750 - 1.750 Clp Dia	2
14		289332	Hose, Fuel Fill	1
15		291704	Assy, Housing Fuel Fill	1
16		289612	Hose, Fuel Vent	1
17		289885	Vent, Fuel Solenoid	1
		292902	↓ Assy, Fuel Line w/Clamps(.250Id x .500Od x 34.00Lg)	1

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Item No.	Dia. Mkgs.	Part No.	Description	Qty
		292903	→ Hose, Sae .250 Id x .500 Od x 34.00 Carb Approved	1
		084173	→ Clamp, Hose .460 - .545 Clp Dia Slftng	2
		292911	Hose, Sae .187 Id x .410 Od x 38.50	1
		292941	↓ Assy, Fuel Vent w/Clamps (.187 Id x .410 Od x 24.25 Lg)	1
		292942	→ Hose, Sae .187 Id x .410 Od x 24.25	1
		089120	→ Clamp, Hose .375 - .450 Clp Dia Slftng Green	2
		294026	Clamp, Hose .730-.770 Clp Dia Slftng Sil	1
		294027	Clamp, Hose .850-.900 Clp Dia Slftng Yel	1
		291116	Block, Stud Connection 8 Position	1
		173734	Link, Jumper	2
18		289884	Baffle, Engine	1
19		291693	Seal, Engine Air (Briggs)	1
20		289581	Upright, Base	1
21		Front Panel Assembly (See following for subassembly information)		1
22	PC1/PC2	286714	Module Assy, Inverter Bobcat	1
		286703	Rectifier, Output Bobcat	1
		290190	Cover, Inverter	1
		290942	Bracket, Xfmr Baffle	1
		291975	Control, Push/Pull Snap-In 53.000 w/1.750 Extension	1
23		289887	Holddown, Battery ND320681R - NE380821R	1
23		296563	Holddown, Battery NE380821R - ND500000R	1
24		289888	Battery, Stor 12V Gp 26 Maint Free No Handle ND320681R - NE380821R	1
24		297217	Battery, Stor 12V Gp 99R NE380821R - ND500000R	1
25		289350	Panel, Rear	1
26		289946	Panel, Side Rh Hobart Gray (289944)	1
27		293971	Insulator, Mylar .014 x 6.750 x 6.750	1
28		289950	Panel, Side Lh Hobart Gray (289948)	1
29		294113	↓ Door Assy, Side Service (Gray)	2
		289954	→ Door, Side Hobart Gray (289952)	
		211370	→ Latch, Door .750 Wide	2
		293861	→ Label, Hobart Large 13.183 x 5.375	1
		183149	→ Rivet, Stl .125 Dia x .251-.312 Grip Domed Hd Blk	4
		217395	Bumper, Door .500 Od x .250 High Nprn 70 Duro	4
		294109	↓ Cover Assy, Top Service Hobart ND320681R - NE380821R	
30		289613	→ Cover, Top Hobart Gray (289351)	1
31		289897	→ Door Assy, Access Engine Top Hobart Gray (289895)	1
32		191626	→ Bumper, Door Access Engine	1
33		217395	→ Bumper, Door .500 Od x .250 High Nprn 70 Duro	6
34		211370	→ Latch, Door .750 Wide	1
		294139	→ Label, Engine Maint Briggs	1
35		250795	→ Label, Warning Gasoline (EPA) Trilingual	1
		286634	→ Label, Warning Remote Start	1
36		233088	→ Label, Danger Using A Generator Indoors Can Kill	1

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Item No.	Dia. Mkgs.	Part No.	Description	Qty
37		290945	→ Label, Warning General Precautionary CSA (Triling)	1
38		292927	→ Label, Warning External Hot Surfaces (Triling)	2
		218098	→ Rivet, Stl .187 Dia x .315 Domed Black	2
		183149	→ Rivet, Stl .125 Dia x .251-.312 Grip Domed Hd Blk	2
		299404	↓ Cover Assy, Top Service Hobart NE380821R - ND500000R	
		289613	→ Cover, Top Hobart Gray (289351)	1
		289897	→ Door Assy, Access Engine Top Hobart Gray (289895)	1
		191626	→ Bumper, Door Access Engine	1
		217395	→ Bumper, Door .500 Od x .250 High Nprn 70 Duro	6
		211370	→ Latch, Door .750 Wide	1
		298043	→ Label, Engine Maint Briggs	1
		250795	→ Label, Warning Gasoline (EPA) Trilingual	1
		286634	→ Label, Warning Remote Start	1
		233088	→ Label, Danger Using A Generator Indoors Can Kill	1
		290945	→ Label, Warning General Precautionary CSA (Triling)	1
		292927	→ Label, Warning External Hot Surfaces (Triling)	2
		218098	→ Rivet, Stl .187 Dia x .315 Domed Black	2
		183149	→ Rivet, Stl .125 Dia x .251-.312 Grip Domed Hd Blk	2
39		255707	Cap, Tank Screw-On w/Exterior Tether	1
		252069	Shield, Heat Reflective (Cover)	1
		294139	Label, Engine Maint Briggs	1
		233087	Label, Danger Using A Generator Indoors Can Kill	5
40		209057	Clamp, Muffler 1.625 Dia U Pld	1
41		249318	Pipe, Exhaust Elbow	1
		294116	↓ Kit, Label Hobart 225 ND320681R - NE380821R	
42		219844	→ Label, Warning Electric Shock/Exploding Parts-Wdles	1
		282279	→ Label, Hobart Large 13.183 x 5.375	2
		294139	→ Label, Engine Maint Briggs	1
		233088	→ Label, Danger Using A Generator Indoors Can Kill	1
		290945	→ Label, Warning General Precautionary CSA (Triling)	1
		039116	→ Label, High Voltage Test And Ground Ok	1
		250795	→ Label, Warning Gasoline (EPA) Trilingual	1
43		275820	→ Label, Warning Do Not Weld On Base (Tri)	2
44		227913	→ Label, Warning Battery Explosion Can Blind	1
45		227724	→ Label, Warning Moving Parts Can Cause Serious Etc	1
		291927	→ Label, Fuel Hour Meter Information	1
		292927	→ Label, Warning External Hot Surfaces (Triling)	1
		270453	→ Label, Warning Read Owner's Manual Wordless	1
		299419	↓ Kit, Label Hobart 225 NE380821R - ND500000R	
		219844	→ Label, Warning Electric Shock/Exploding Parts-Wdles	1
		282279	→ Label, Hobart Large 13.183 x 5.375	2
		298043	→ Label, Engine Maint Briggs	1
		233088	→ Label, Danger Using A Generator Indoors Can Kill	1

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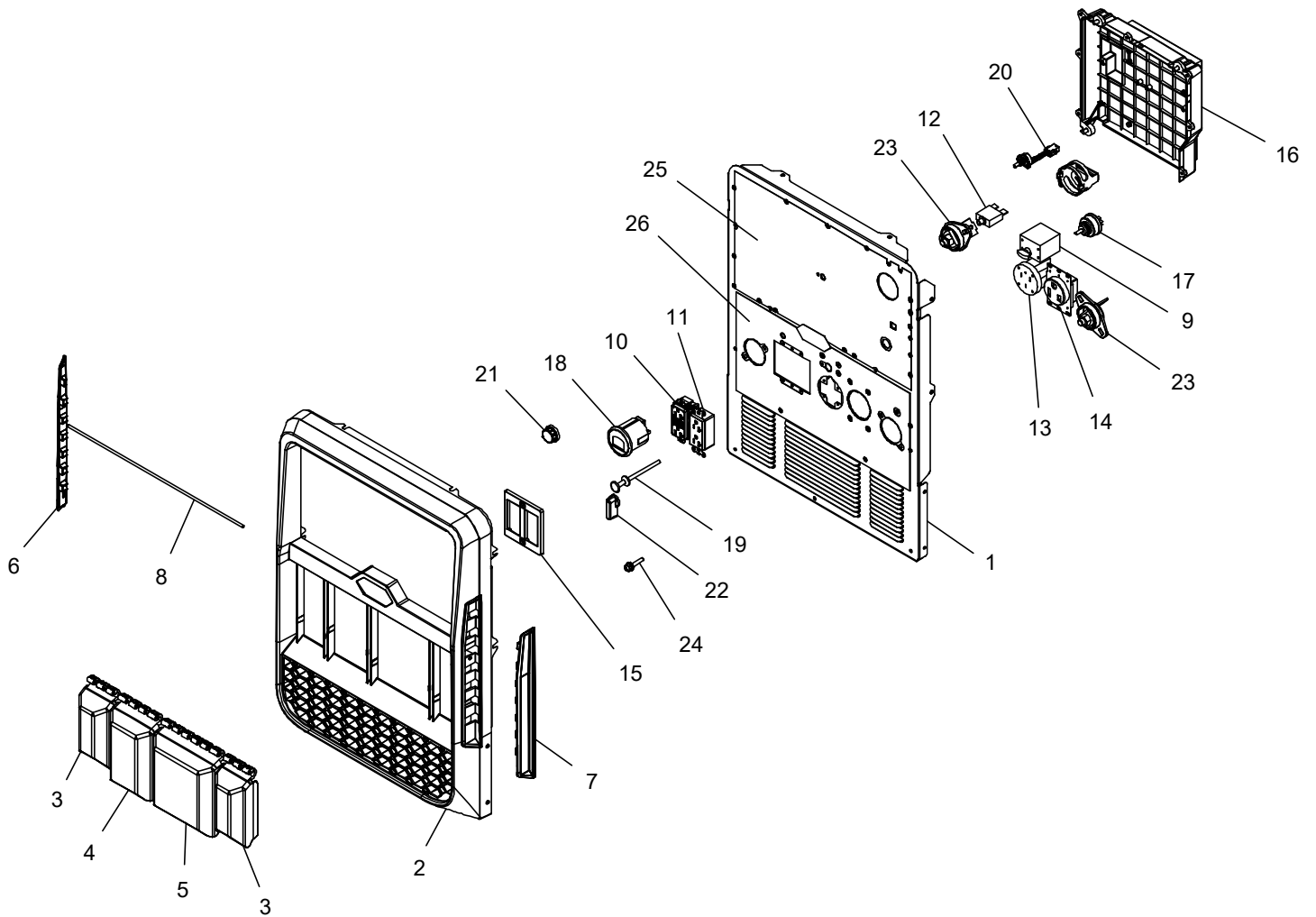
Item No.	Dia. Mkgs.	Part No.	Description	Qty
		290945	→ Label, Warning General Precautionary CSA (Triling)	1
		039116	→ Label, High Voltage Test And Ground Ok	1
		250795	→ Label, Warning Gasoline (EPA) Trilingual	1
		275820	→ Label, Warning Do Not Weld On Base (Tri)	2
		291927	→ Label, Fuel Hour Meter Information	1
		227913	→ Label, Warning Battery Explosion Can Blind	1
		227724	→ Label, Warning Moving Parts Can Cause Serious Etc	1
		292927	→ Label, Warning External Hot Surfaces (Triling)	1
		270453	→ Label, Warning Read Owner's Manual Wordless	1

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Front Panel Assembly

Front Panel Assembly

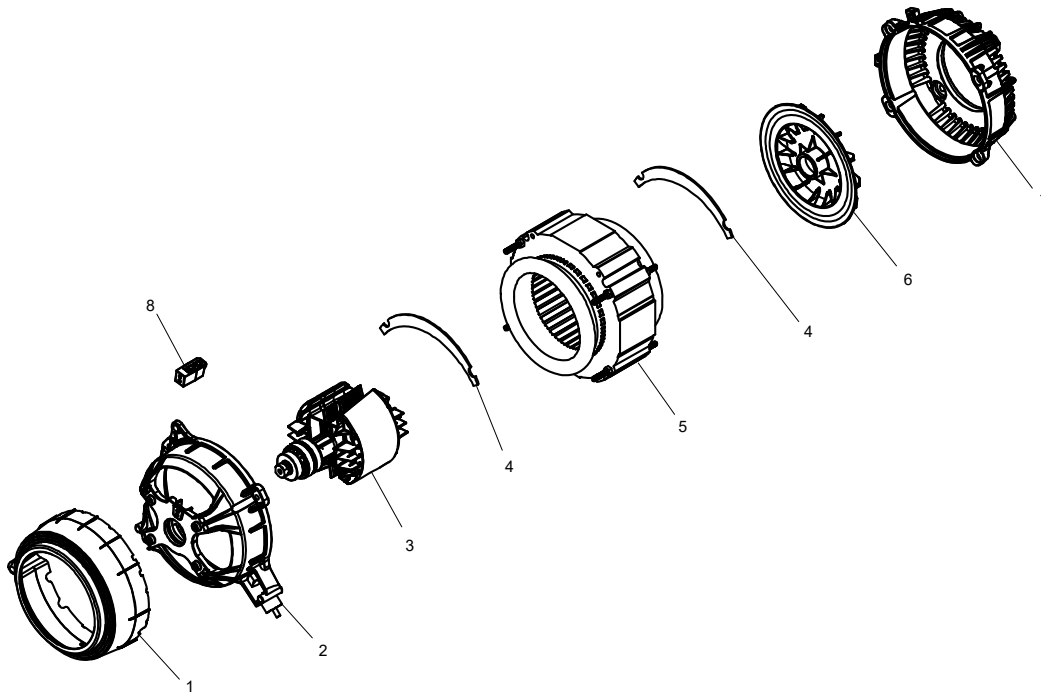
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		289578	Panel, Front No Lcd	1
		288235	↓ Bezel Assy, Hobart	1
2		289688	→ Bezel, Hobart	1
3		290221	→ Cover, Output Stud	2
4		290222	→ Cover, Receptacles (120V)	1
5		290329	→ Cover, Receptacles (240V)	1
6		288326	→ Insert, Hobart Bezel Lh	1
7		288424	→ Insert, Hobart Bezel Rh	1
8		211405	→ Pin, Hinge	1
* 9	CB1	233039	Supplementary Protector, Man Reset 2P 50A 240 Vac	1
		290957	↓ Receptacles (120V) Circuit Breakers w/Leads	1
* 10	RC2	280236	→ Receptacle, Gfci 15/20A	1
11	RC3	291785	→ Rcpt, Str Dx Grd 2p3w 20A 125V 5-20R (No Tabs) (No Tabs)	1
12	CB3	093996	→ Supplementary Pro, Man Reset 1P 20A 250 Vac Frict	1
		291810	↓ Receptacle (240v 4 Wire) w/Leads	1
13	RC1	182954	→ Rcpt, Str 3p4w 50A 125/250V Flush Mtg 14-50	1
		291811	↓ Receptacle (240v 3 Wire) w/Leads	1
14	RC4	248521	→ Rcpt, Str 2p3w 50A 250V 6-50R Flush Mt	1
	CT1	277281	Xfmr, Current Sensing	1
15		290779	Faceplate, 120 Receptacle	1
16		291502	↓ Assy, Bobcat Field Regulator w/Tray	1
		290784	→ Cover, Pcb Mtg	1
	PC3	289704	→ Ckt Card Assy, Bobcat Field Regulator	1
17	S2	217680	Switch, Ignition 4 Position w/Out Handle	1
18	HM	290228	Gauge, Hour Meter (Sleep)	1
19		291975	Control, Push/Pull Snap-In 53.000 w/1.750 Extension	1
20		290349	Pot Assy, w/Leads And Connector	1
21		179851	Knob, Pointer 1.670 Dia x .250 Id Push On w/Spring	1
22		207073	Lever, Ignition Switch	1
23		290797	Terminal, Pwr Output Black	2
24		197203	Grounding Stud Assy, Brass	1
25		289538	Label, Nameplate Champion Elite 225	1
26		290223	Label, Nameplate Lower (No 10 Pin) (No. 10 Pin)	1

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Generator Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		289661	Cover, Generator (Bobcat)	1
2		289604	↓ Housing, Generator (Prior to Serial No. NE191188R)	1
		183419	→ O-Ring, 1.984 Id x .139 Cs 75 Duro Viton	1
2		295838	↓ Housing, Generator NE191188R - ND500000R	1
		183419	→ O-Ring, 1.984 Id x .139 Cs 75 Duro Viton	1
3		289566	↓ Rotor, Generator	1
		289567	→ Rotor, Generator w/o Bearing	1
		181143	→ Bearing, Ball Rdl Sgl Row .984 x 2.047 x .591	1
4		294543	Gasket, Generator	2
5		289119	Stator, Power/Exciter (Bobcat) (Eff w/Serial No. ND500000R)	1
5		402381	Kit, Gen w/Leads (BC265/230 Champ) (Prior to Serial No. ND500000R)	1
6		289881	Fan, Generator	1
7		289605	Adapter, Engine	1
* 8		292189	Brushholder Assy, Generator	1

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Wiring Harness

Item No.	Dia. Mkgs.	Part No.	Description	Qty
		290230	Harness, Wrg Unit (Bobcat 265X)	1
		291165	Lead List, Small	1
		291772	Lead Assy, Elec	1
		291774	Lead Assy, Elec	1
		291776	Lead Assy, Elec	1
		291778	Lead Assy, Elec	1
		291745	Lead Assy, Elec	1
	PLG34	168071	Housing Plug Pins+Skts, (Service Kit)	1
	PLG8	226720	Housing Plug Pins+Skts, (Service Kit)	1
	RC5	116045	Housing Plug Pins+Skts, (Service Kit)	1
	PLG65	135556	Housing Plug Pins+Skts, (Service Kit)	1
	PLG12	294277	Conn, Rect Mini Tpa2 20skt 2row Plug Blk Cable Lkg	1
	PLG14,PLG33	294275	Conn, Rect Mini Tpa2 16skt 2row Plug Blk Cable Lkg	2
	PLG104	234984	Housing Plug Pins+Skts, (Service Kit)	1
		281486	Clip, Retainer Mini Tpa2 Nat 3 Ckt Housing	3
	PLG103	293990	Housing Plug Pins+Skts, (Service Kit)	1
	RC7	293753	Kit, Service Connector (281475)	1
	PLG100	293983	Housing Plug Pins+Skts, (Service Kit)	1
		291400	Seal, Single Wire Seal	2
		294270	Clip, Retainer Mini Tpa2 Nat 10 Ckt Housing	4
		294272	Clip, Retainer Mini Tpa2 Nat 8 Ckt Housing	1
	PLG36	293984	Housing Plug Pins+Skts, (Service Kit)	1
		142792	Tubing, Corrugated Plastic Slit .625 Dia x 10.000	1
		282414	Tubing, Corrugated Plastic Slit .250 Dia x 32.000	1
		157043	Tubing, Corrugated Plastic Slit .250 Dia x 12.000	1
		293942	Tubing, GI Acryl .289- .311 Id # 2x 10.00 Yel Fa1	1

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