

PARTS LIST FOR

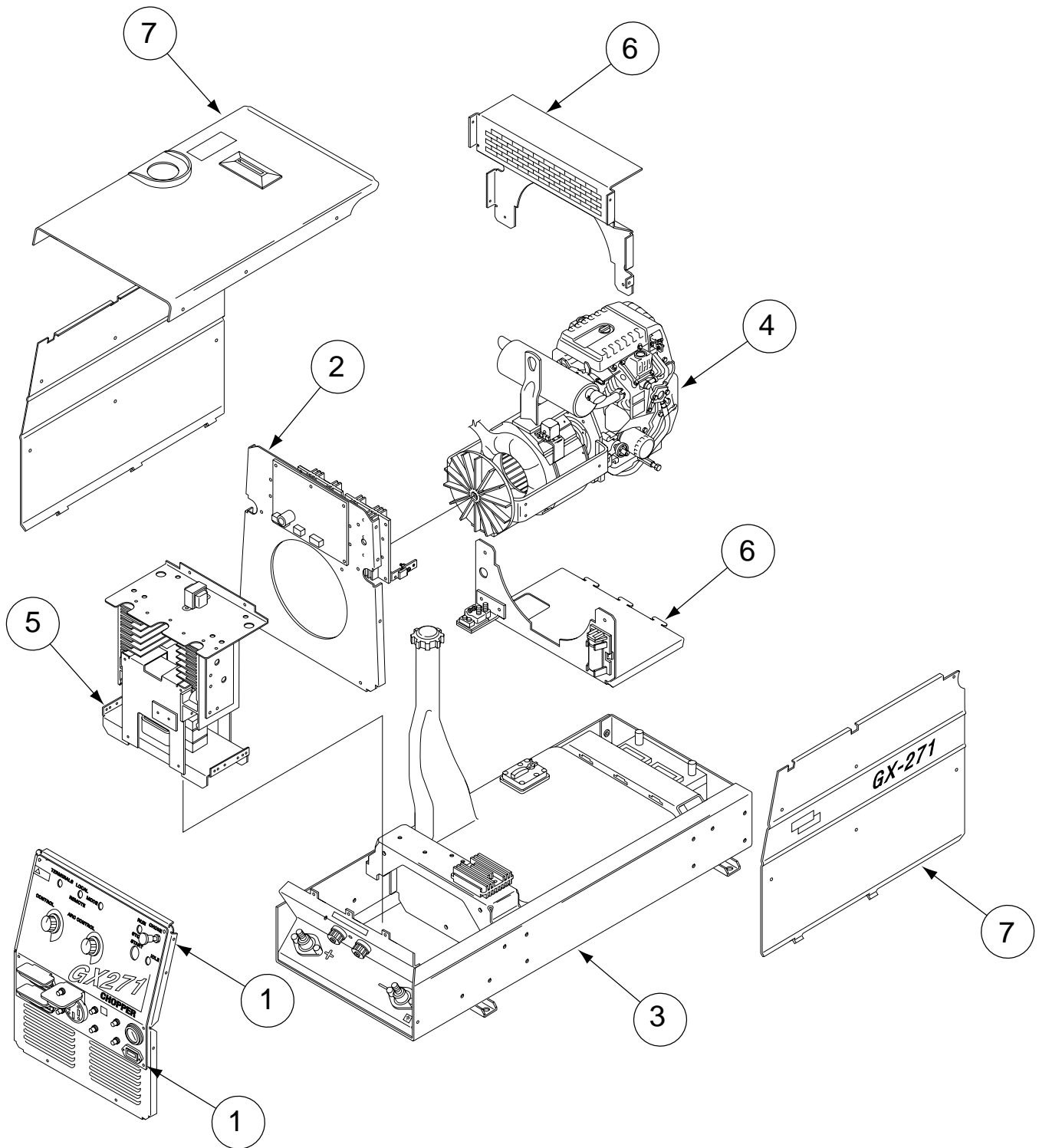
GX271

(Gasoline & LPG)

GX271



ILLUSTRATION OF SUB-ASSEMBLIES



GX271 Gasoline & LPG

For Codes: 10527 to 10579

Do Not use this Parts List for a machine if its code number is not listed. Contact the Service Department for any code numbers not listed.

Use the Illustration of Sub-Assemblies page and the table below to determine which sub assembly page and column the desired part is located on for your particular code machine.

↔ Sub Assembly Item No.	7								
SUB ASSEMBLY PAGE NAME ↔	Covers Assembly								
PAGE NO. ↔	P325-K								
CODE NO. ↓									
10527 (Gasoline)	1								
10579 (LPG)	2								



NOTES

GX271



OPTIONAL EQUIPMENT LISTING

Miscellaneous Options Available for your machine are listed below:

Indicates a change this printing.

DESCRIPTION	PART NUMBER
Accessory Package .....	.Order K710
Aux. Power Plug Kit .....	.Order K802R
Remote Output Control .....	.Order K857
Canvas Cover .....	.Order K886-1
*Undercarriage .....	.Order K889-2
*Undercarriage Caster Kit .....	.Order K893-1
GFCI Receptacle Kit .....	.Order K896-1
Tig Module Docking Kit .....	.Order K939-1
Tig Module .....	.Order K930-1
Undercarriage (4 Wheeled Hand Moving) .....	.Order K933-1
Platform Welded Assembly (Single Cylinder) for K933-1 .....	.Order K934-1
Platform Welded Assembly (Double Cylinder) for K933-1 .....	.Order K934-2
Light Welder Trailer, Heavy Duty .....	.Order K957-1
Rotor Pulling Kit (Available to Field Service Shops Only)Order S20788
* Not used on LPG models.	



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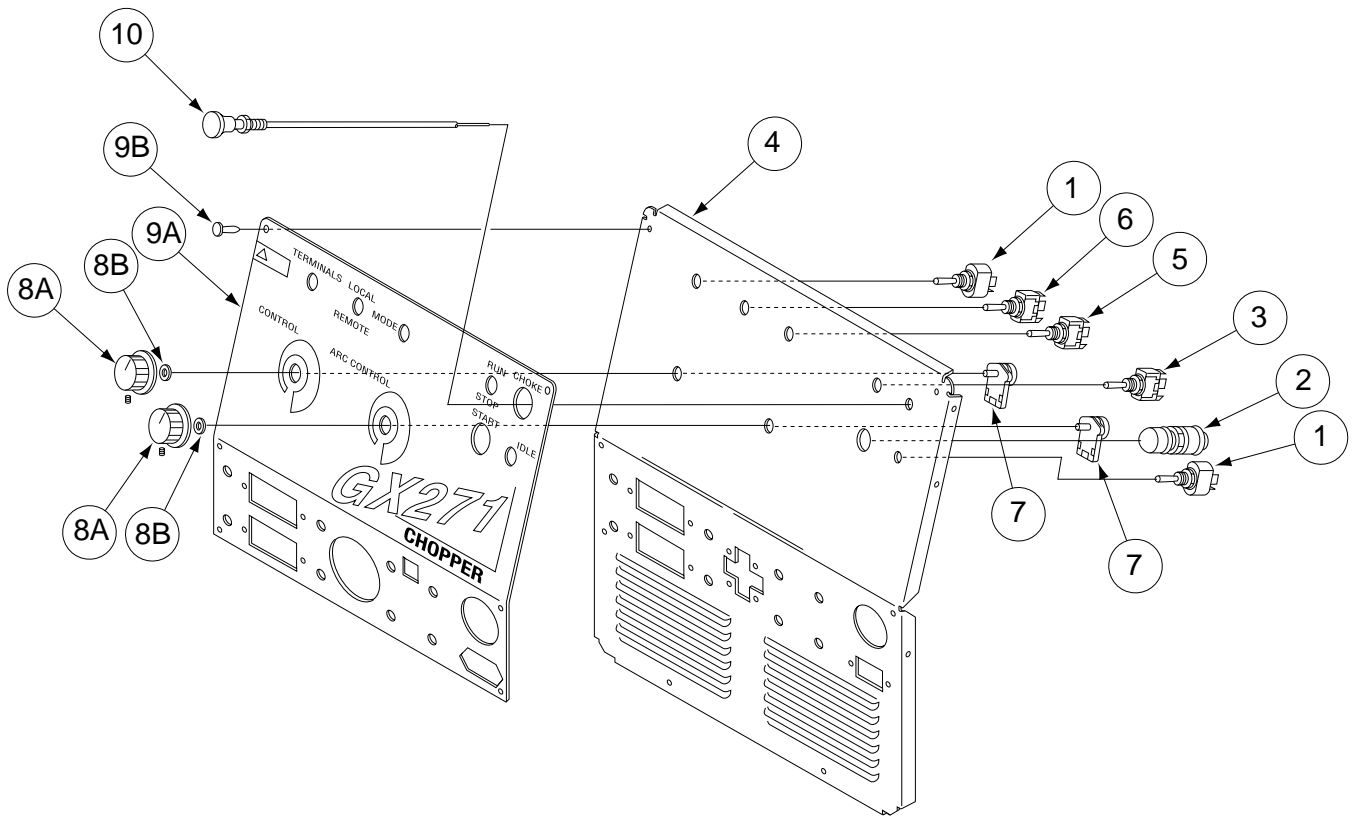
Use only the parts marked "x" in the column under the heading number called for in the model index page.

Recommended Spare Part are Highlighted Bold

DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
Case Front Wiring Harness	G3467	1	X	X							
Plug & Lead Assembly (P3)	S18250-555	1	X	X							
Plug & Lead Assembly (P1 & P14)	S18250-556	1	X	X							
Plug & Lead Assembly (P6)	S18250-558	1	X	X							
Engine Wiring Harness	G3466	1	X	•							
Plug & Lead Assembly (J7)	S18250-586	1	X	X							
Diode & Lead Assembly (D9)	S22687-1	1	X	X							
Battery Caution Decal	S17851	1	X	X							
Plug & Lead Assembly (P16, P2) (Power Module)	S18250-560	1	X	X							
Pipe Nipple	S24099	1	X	•							
"O" Ring	T13483-38	1	X	•							
Pipe Cap	T14426-2	1	X	•							
Flex Tube	T10642-189	1	X	•							
Regulator Lead Harness (Supplied with Engine)	M18988-5	1	X	X							
Stator Cover (Right)	L9048	1	X	X							
Stator Cover (Left)	L9147	1	X	X							
Toroid Assembly	S21440-1	1	X	X							
Pipe Nipple	T9959-18	1	•	X							
Pipe Cap	T14426-3	1	•	X							
LPG Fuel Line Assembly	M18995	1	•	X							
Plug & Lead Assembly (P8, J7)	S18250-559	1	•	X							



Case Front Assembly (Upper)



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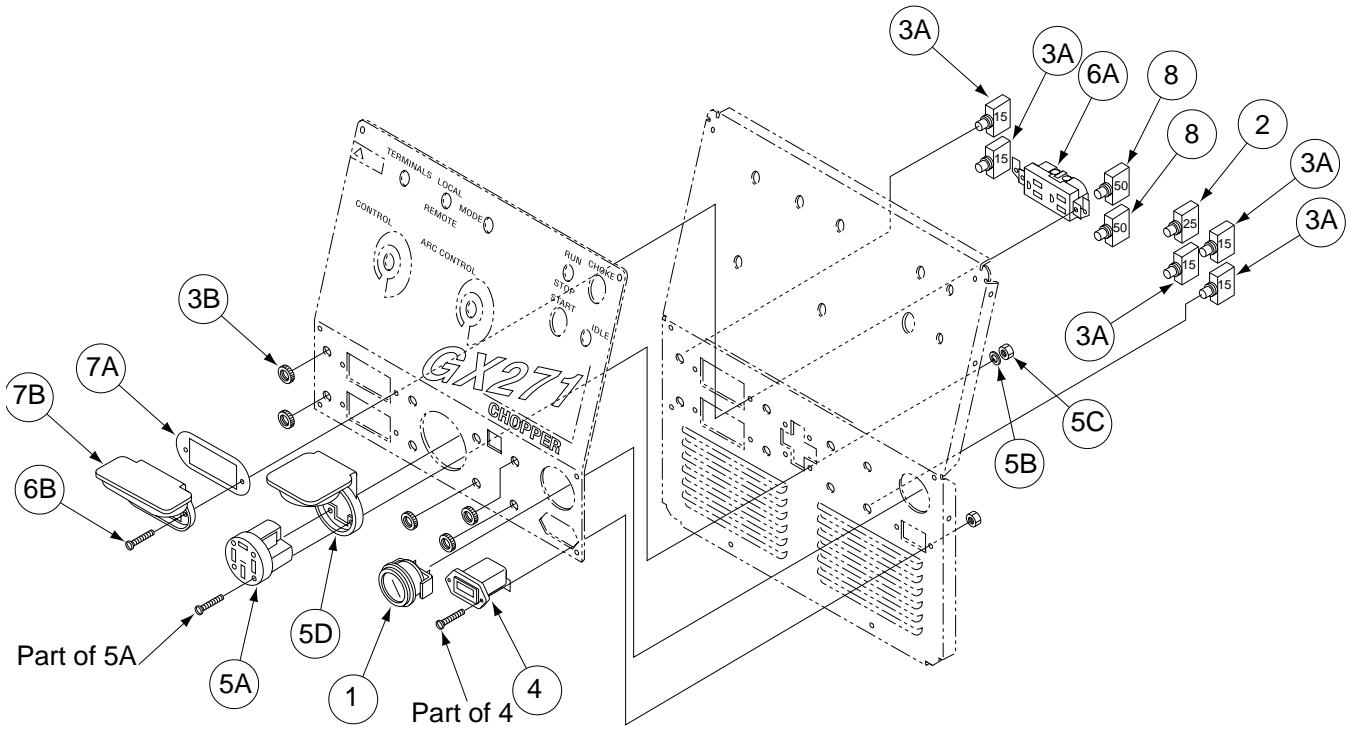
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Toggle Switch (Idler) & (Welding Terminals)	T10800-38	2	X	X							
2	Start Button	S13146-1	1	X	X							
3	Toggle Switch (Run)	T10800-36	1	X	X							
4	Upper Case Front	G3378	1	X	•							
4	Upper Case Front	G3386-1	1	•	X							
5	Toggle Switch (Mode)	T10800-50	1	X	X							
6	Toggle Switch (Local, Remote)	T10800-39	1	X	X							
7	Plug & Lead Assembly, Includes:	S18250-556	1	X	X							
	50K Potentiometer	T10812-74	1	X	X							
	10K Potentiometer	T10812-112T	1	X	X							
8A	Knob	T10491-1	2	X	•							
8B	"O" Ring	T13483-7	2	X	•							
9A	Nameplate	L10818	1	X	X							
9B	Fastener Button	T14659-1	6	X	X							
10	Choke Control Cable	S7525-20	1	X	X							



Case Front Assembly (Lower)



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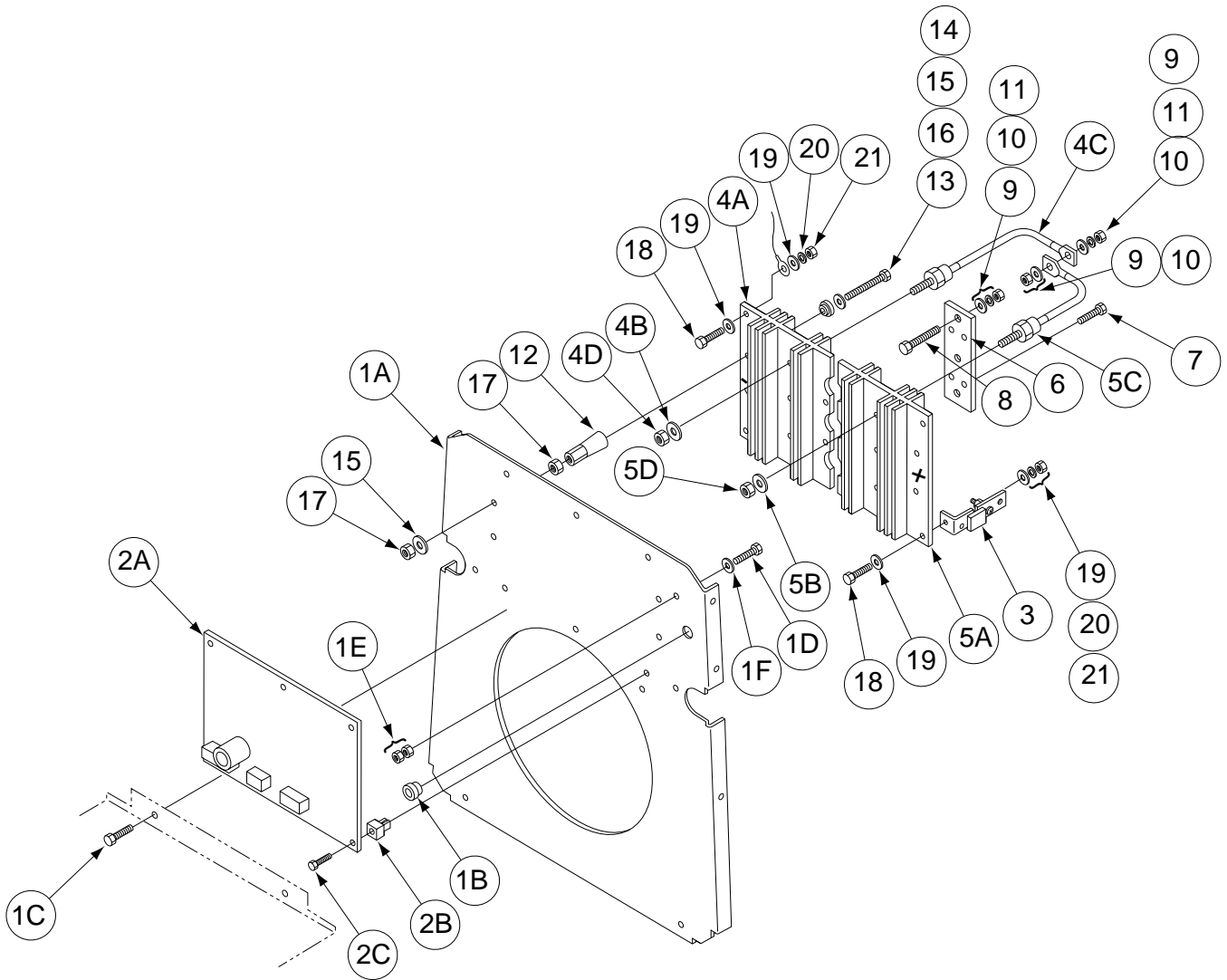
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Ammeter	S7514-8	1	X								
2	Circuit Breaker 25A.	T12287-21	1	X								
3A	Circuit Breaker 15A.	T12287-34	5	X								
3B	Bushing	S23828	5	X								
4	Hour Meter	S17475-3	1	X								
5A	Single Receptacle	S18907-2	1	X								
5B	Lock Washer	T9695-3	4	X								
5C	#8-32 Hex Nut	CF000042	4	X								
5D	Receptacle Cover	M18861	1	X								
6A	Duplex Receptacle	S20143-1	2	X								
6B	Thread Forming Screw	S9225-63	4	X								
6C	Speed Nut #10-24 Hex Nut (Not Shown)	T11525-1	4	X								
7A	Receptacle Gasket	S21088	2	X								
7B	Receptacle Cover	S21316	2	X								
8	Circuit Breaker 50A.	T12287-19	2	X								



Baffle & Rectifier Assembly



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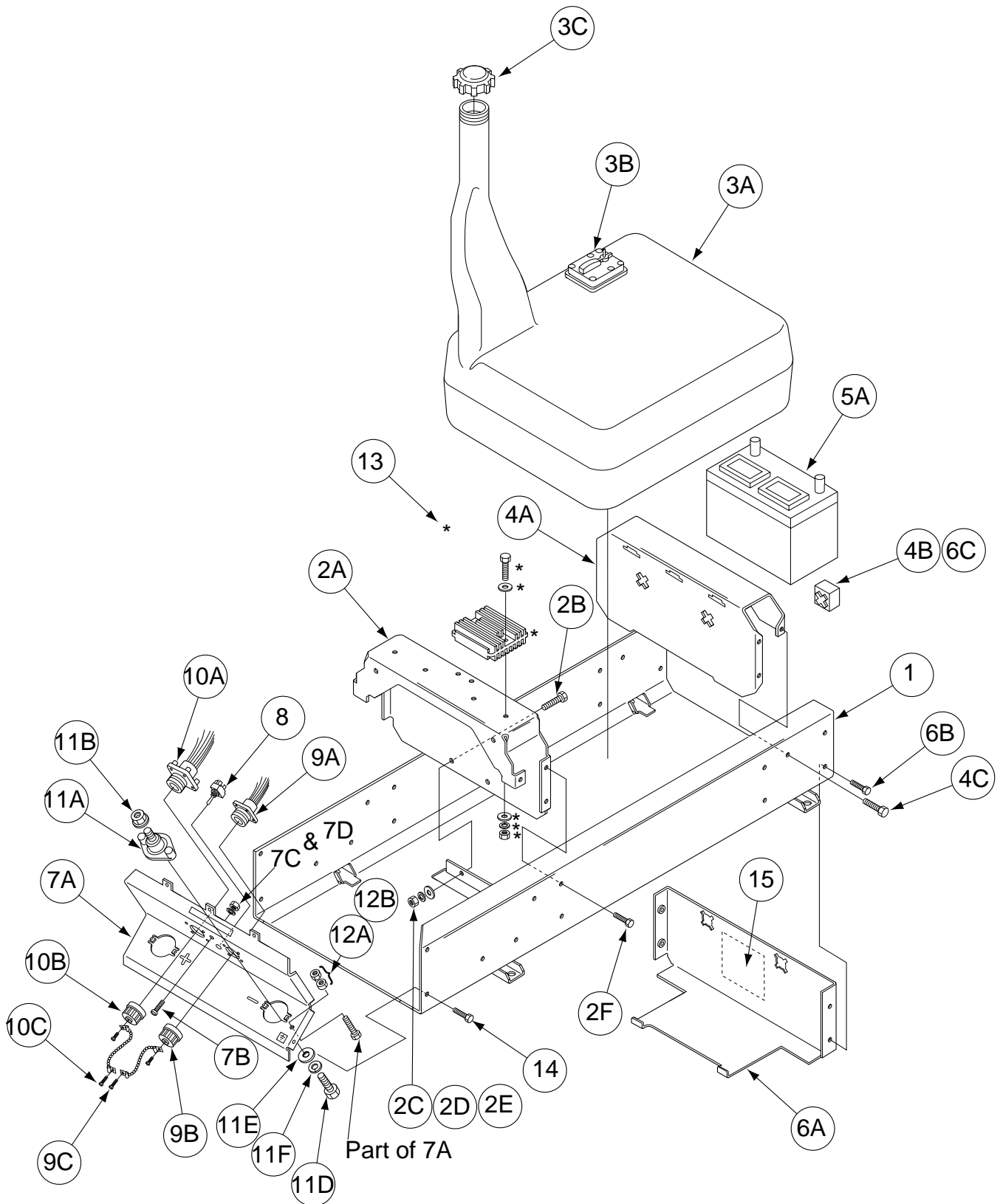
Recommended Spare Parts are Highlighted in Bold

ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1A	Baffle	G3379	1	X								
1B	Bushing	T12380-6	1	X								
1C	Thread Forming Screw	S9225-68	2	X								
1D	Thread Forming Screw	S9225-36	1	X								
1E	Hex Nut	CF000010	2	X								
1F	Lock Washer	T9695-1	1	X								
1G	Grommet Strip (Not Shown)	T12823-18	2	X								
2A	Control P.C. Board Assembly	G3342-[]	1	X								
2B	Plastic Expansion Nut	S14020-3	6	X								
2C	Self Tapping Screw	S8025-75	6	X								
3	Shunt & Lead Assembly	S24097	1	X								
4	Rectifier Subassembly, Includes:	L9050-3	1	X								
4A	Heat Sink Machining (- Side)	M17018-1	1	X								
4B	Spring Washer	T12735-3	3	X								
4C	Diode	M9661-32R	3	X								
4D	3/8-24 Hex Nut	CF000167	3	X								
5A	Heat Sink Machining (+ Side)	M17018-1	1	X								
5B	Spring Washer	T12735-3	3	X								
5C	Diode	M9661-32	3	X								
5D	3/8-24 Hex Nut	CF000167	3	X								
6	Rectifier Brace	T14497-4	1	X								
7	Self Tapping Screw	S9225-17	4	X								
8	Carriage Bolt	T11827-40	3	X								
9	1/4-20 Hex Nut	CF000017	12	X								
10	Plain Washer	S9262-23	9	X								
11	Lock Washer	T9860-6	6	X								
12	Insulator	S18419	4	X								
13	INsulator	T11267-B	4	X								
14	1/4-20 x 2.50 Hex Head cap Screw	CF000114	4	X								
15	Lock Washer	E106A-2	4	X								
16	Plain Washer	S9262-98	4	X								
17	1/4-20 Hex Nut	CF000017	8	X								
18	5/16-18 x 1.00 Hex Head Cap Screw	CF000062	4	X								
19	Plain Washer	S9262-30	8	X								
20	Lock Washer	E106A-14	4	X								
21	5/16-18 Hex Nut	Cf000029	4	X								

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Base, Fuel Tank & Battery



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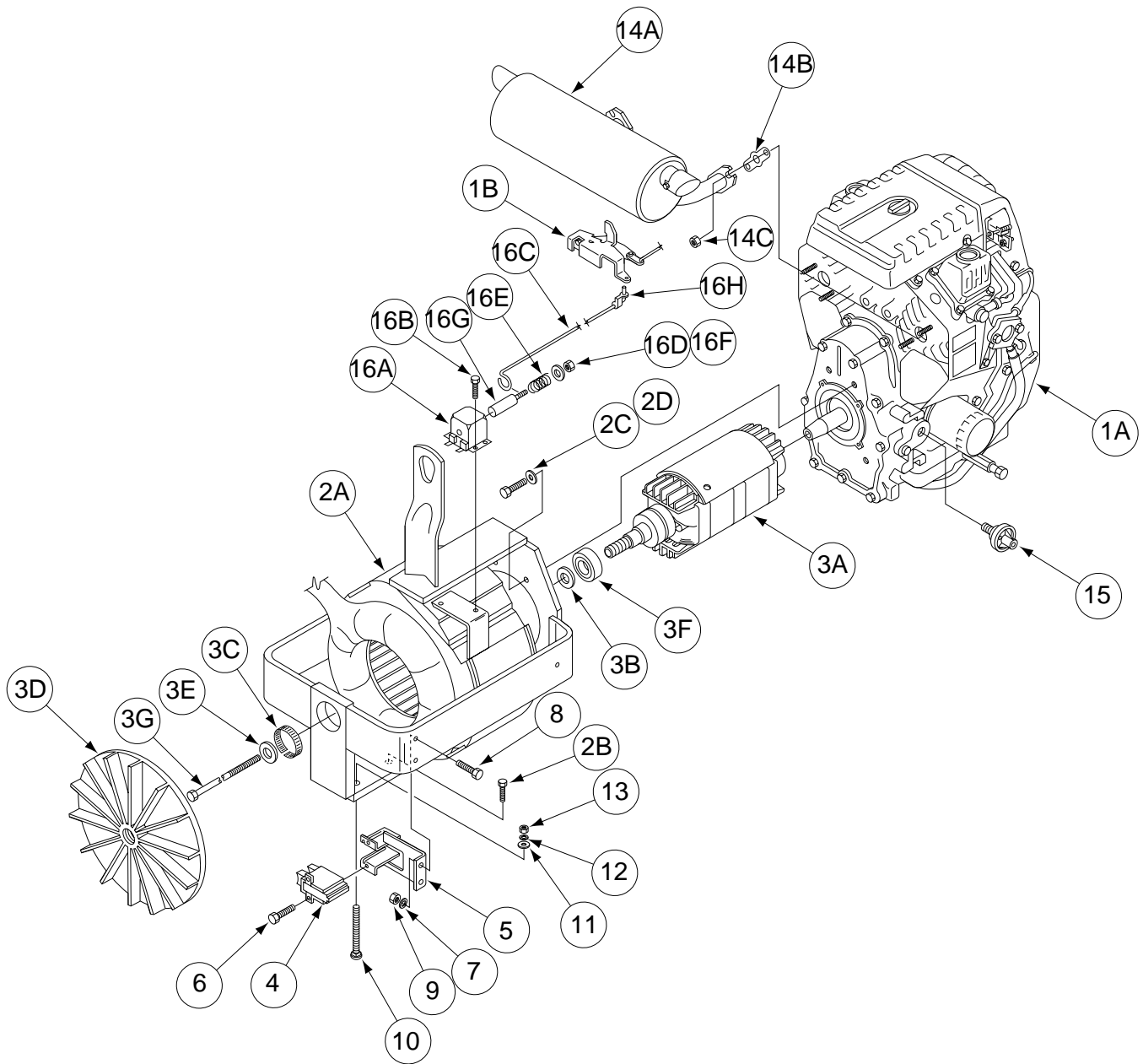
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Base Assembly	L10777-1	1	X	X							
2A	Stator Support Bracket	L8437	1	X	X							
2B	Carriage Bolt	T11827-23	2	X	X							
2C	Plain Washer	S9262-98	2	X	X							
2D	Lock Washer	E106A-2	2	X	X							
2E	1/4-20 Hex nut	CF000017	2	X	X							
2F	Thread forming Screw	S9225-68	6	X	X							
3	Fuel Tank & Gage Assembly, Includes:	G2635-1	1	X	•							
3A	Fuel Tank	NSS	1	X	•							
3B	Fuel Gage Sight Base	NSS	1	X	•							
	Fuel Tank Seal	NSS	1	X	•							
	Indicator Arm	NSS	1	X	•							
	Fuel Pick Up Tube Assembly	NSS	1	X	•							
	Float	NSS	1	X	•							
	Sems Screw	T10082-5	6	X	•							
	Decal (Fuel Gage)	S20647	1	X	•							
3C	Fuel Cap	S19568	1	X	•							
4A	Engine Cross Support	L10782	1	X	•							
4A	Engine Cross Support	L10805	1	•	X							
4B	Fuel Tank Support	M16528	2	X	X							
4C	Thread Forming Screw	S9225-68	6	X	X							
5A	12 Volt Storage Battery	M9399-13	1	X	X							
5B	Battery Terminal Cover (Not Shown)	S20191-1	1	X	X							
6A	Rear Base Panel	L10783-1	1	X	X							
6B	Thread Forming Screw	S9225-68	4	X	X							
6C	Fuel Tank Support	M16528	2	X	X							
7	Lower Case Front Assembly, Includes:	M19014-1	1	X	X							
7A	Lower Case Welded Assembly	G3381-1	1	X	X							
7B	Thread Forming Screw	S9225-36	1	X	X							
7C	Lock Washer	E106A-1	1	X	X							
7D	#10-24 Hex Nut	CF000010	1	X	X							
8	Switch DPDT	T10800-39	1	X	X							
9A	Connection & Lead Assembly (on - side)	S13100-213	1	X	X							
9B	Connection Cap	S17062-2	1	X	X							
9C	Self Tapping Screw	S8025-73	4	X	X							
10A	Connection & Lead Assembly (on + side)	S13100-214	1	X	X							
10B	Connection Cap	S17062-3	1	X	X							
10C	Self Tapping Screw	S8025-73	4	X	X							
11A	Output Terminal Assembly	T14166-9	2	X	X							
11B	Output Stud Nut	T3960	2	X	X							
11C	Self Tapping Screw (Not Shown)	S8025-65	4	X	X							
11D	1/2-13 x 1.00 Hex Head Cap Screw	CF000021	2	X	X							
11E	Plain Washer	S9262-1	2	X	X							
11F	Lock Washer	E106A-15	2	X	X							
12A	Locknut	CF000017	1	X	X							
12B	1/4-20 Hex Nut	T9187-1	1	X	X							
13 *	20 Amp Regulator/Rectifier & Hardware	* M18944-4	1	X	X							
14	Thread Forming Screw	S9225-68	4	X	X							
15	Battery Caution Decal	S17851	1	X	X							



Engine, Rotor & Base Assembly



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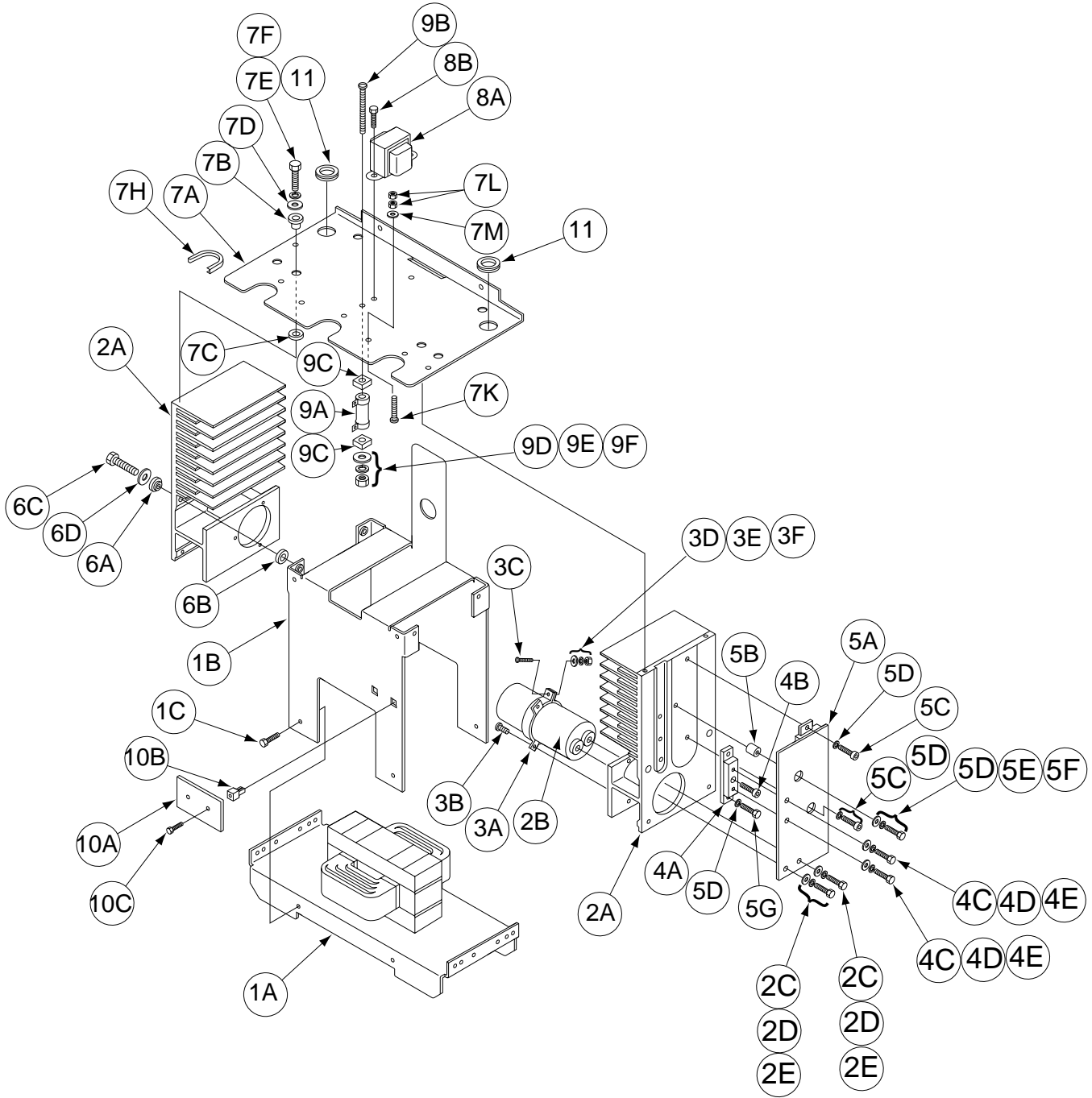
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1A	Engine (Kohler)	M18969	1	•	X							
1A	Engine (Honda) (Order from Red-D-Arc)	NSS	1	X	•							
1B	Idler Lever	M18975	1	X	X							
2A	Stator Frame Assembly	G3394-1	1	X	X							
2B	Thread Forming Screw	S9225-28	2	X	X							
2C	Hex Head Cap Screw	T8833-10	4	X	X							
2D	Lock Washer	E106A-16	4	X	X							
3A	Rotor & Shaft Assembly	L9031	1	X	X							
3B	Centering Washer	S20110-3	1	X	X							
3C	Tolerance Ring	S18044-5	1	X	X							
3D	Blower	L9033	1	X	X							
3E	Plain Washer	S9262-149	1	X	X							
3F	Bearing	M9300-85	1	X	X							
3G	Hex Head Bolt (Rotor)	T14843-5	1	X	•							
3G	Hex Head Bolt (Rotor)	T14843-3	1	•	X							
4	Brush & Brush Holder Assembly, Includes:	M16158	1	X	X							
	Brush Holder Cartridge	G2114	1	X	X							
	Brush Assembly	S19480	2	X	X							
	Brush Assembly Retainer	M16157	1	X	X							
5	Brush Holder	M18925	1	X	X							
6	Self Tapping Screw	S8025-65	2	X	X							
7	Lock Washer	E106A-2	2	X	X							
8	1/4-20 x 1.00 Hex Head Cap Screw	CF000015	2	X	X							
9	1/4-20 Hex Nut	CF000017	2	X	X							
10	3/8-16 x 1.75 Hex Head Cap Screw	CF000112	2	X	X							
11	Plain Washer	S9262-120	4	X	X							
12	Lock Washer	E106A-4	2	X	X							
13	3/8-16 Hex Nut	CF000067	2	X	X							
14A	Muffler Assembly, (Order from Red-D-Arc)	NSS	1	X	•							
14A	Muffler Assembly	G2642	1	•	X							
14B	Exhaust Gasket (Supplied with Engine)	M18988-2	2	X	•							
14B	Exhaust Gasket (Supplied with Engine)	M16999-1	2	•	X							
14C	Flange Nut (Supplied with Engine)	M18988-3	4	X	•							
14D	M8x1.25 Hex Head Cap Screw (Not Shown)	T14731-3	2	X	•							
14E	Lock Washer (Not Shown)	E106A-14	2	X	•							
14F	Plain Washer (Not Shown)	E106A-14	2	X	•							
14G	Exhaust Port Liner (Supplied with Engine) (Not Shown)	M18969-2	2	•	X							
15	Pressure Switch (Oil)	S14446-3	1	X	X							
16A	Solenoid Assembly	S20752-1	1	X	X							
16B	Self Tapping Screw	S8025-91	3	X	X							
16C	Pull Wire	S20687-1	1	X	X							
16D	Plain Washer	S9262-98	1	X	X							
16E	Spring	T6778	1	X	X							
16F	Lock Nut	T9187-1	1	X	X							
16G	Plunger	S21020	1	X	X							
16H	Bushing	S21015	1	X	X							



Power Module Assembly



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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Power Module Assembly, Includes:	G3391	1	X								
1A	Choke Assembly	M18394-1	1	X								
1B	Power Module Bracket	L10784	1	X								
1C	Thread Forming Screw	S9225-68	4	X								
2	Switch Board Heatsink Assembly, Includes: (One assembly listed)	L10745	2	X								
2A	Heatsink	L10568	1	X								
2B	Capacitor	S13490-157	1	X								
2C	Capacitor Screw	Supplied with Engine		X								
2D	Plain Washer	S9262-98	2	X								
2E	Lock Washer	E106A-2	2	X								
3A	Capacitor Bracket	S18434-3	1	X								
3B	Sems Screw	T10082-27	3	X								
3C	#10-24 x .75 Round Head Screw	CF000072	1	X								
3D	Plain Washer	S9262-27	1	X								
3E	Lock Washer	E106A-1	1	X								
3F	#10-24 Hex Nut	CF000010	1	X								
4A	Diode	M15454-11	1	X								
4B	Sems Screw	T10082-27	1	X								
4C	1/4-20 x .500 Hex Head Cap Screw	CF000012	2	X								
4D	Plain Washer	S9262-98	2	X								
4E	Lock Washer	E106A-2	2	X								
5A	Chopper P.C. Board Assembly	G3135-[]	1	X								
5B	Copper Spacer	S23730	1	X								
5C	1/4-20 x .625 Socket Head Cap Screw	T9447-9	2	X								
5D	Lock Washer	E106A-2	5	X								
5E	1/4-20 x 1.00 Hex Head Cap Screw	CF000015	1	X								
5F	Plain Washer	S9262-98	3	X								
5G	1/4-20 x .500 Hex Head Cap Screw	CF000012	2	X								
6A	Insulator Bushing	S16860	4	X								
6B	Insulator Washer	T11267-B	4	X								
6C	Thread Forming Screw	S8025-41	4	X								
6D	Plain Washer	S9262-98	4	X								
7A	Support Bracket	M18976	1	X								
7B	Insulator Bushing	T11267-A	5	X								
7C	Insulator Washer	T11267-B	5	X								
7D	Plain Washer	S9262-98	6	X								
7E	Lock Washer	E106A-2	5	X								
7F	1/4-20 x 1.00 Hex Head Cap Screw	CF000015	4	X								
7G	1/4-20 Hex Jam Lock Nut (Not Shown)	T9187-1	1	X								
7H	Grommet Strip	T12823-18	3	X								
7J	1/4-20 x 1.25 Hex Head Cap Screw (Not Shown)	CF000069	1	X								
7K	Thread Forming Screw	S9225-36	1	X								
7L	Hex Nut	CF000010	2	X								
7M	Lock Washer	T9695-1	1	X								
8A	Transformer & lead Assembly, Includes:	S18250-528	1	X								
	Transformer	S1300-87	1	X								
	Receptical Housing	S24018-8	1	X								
	Locking Post	S24019-8	1	X								
	Molex Pin (Male)	S8053-122	8	X								
8B	Self Tapping Screw	S8025-91	2	X								



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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
9A	Resistor 250V 25W	S10404-76	1	X								
9B	#10-24 x 3.00 Round Head Screw	CF000009	1	X								
9C	Insulator Washer	T4479-A	2	X								
9D	Plain Washer	S9262-27	1	X								
9E	Lock Washer	E106A-2	1	X								
9F	#10-24 Hex Nut	CF000010	1	X								
10A	Bypass P.C. Board Assembly	M18992-[]	1	X								
10B	Support P.C. Board Nut	S14020-3	2	X								
10C	Thread Forming Screw	S8025-75	2	X								
11	Bushing	T12380-5	2	X								

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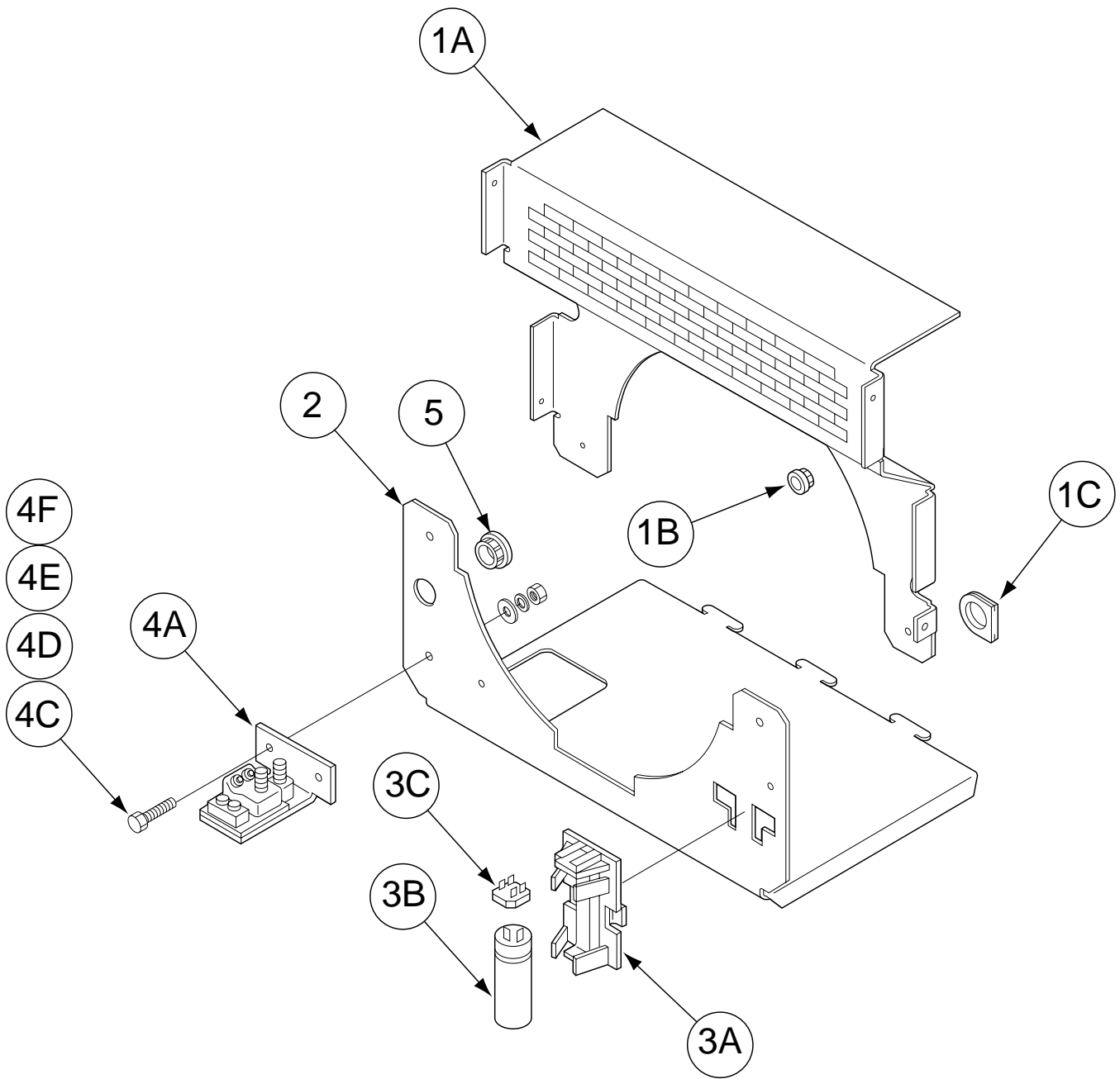


NOTES

GX271



Upper/Lower Case Back



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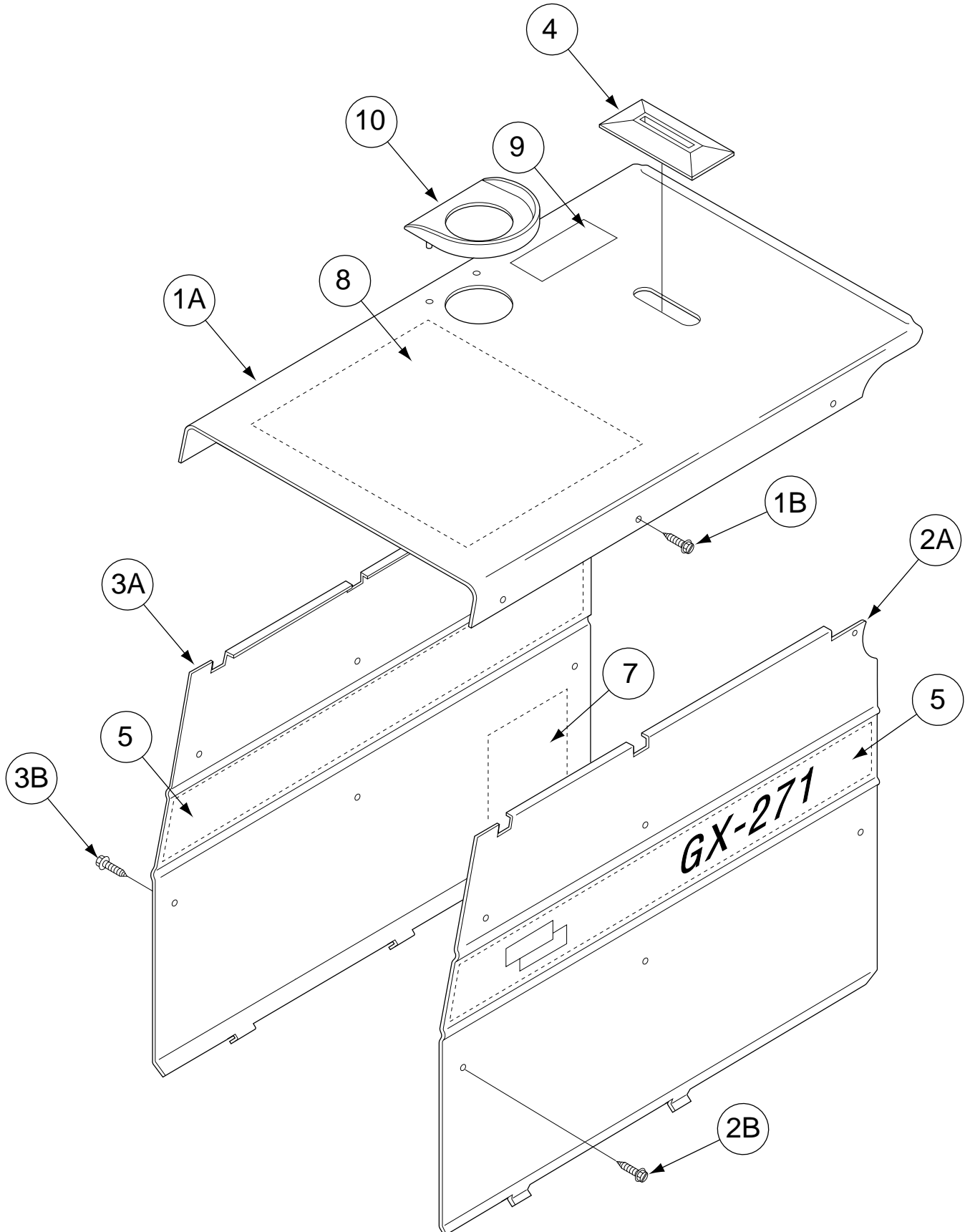
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1A	Upper Case Back	G2545	1	X	X							
1B	Bushing	T12380-6	1	X	X							
1C	Grommet	S18543-2	2	X	X							
1D	Self Tapping Screw (Not Shown)	S8025-91	2	X	X							
2	Lower Case Back	G2546	1	X	•							
2	Lower Case Back	G2748	1	•	X							
3A	Mounting Bracket	L9250	1	X	X							
3B	Capacitor	S13490-114	1	X	X							
3C	Diode Bridge	T13637-1	1	X	X							
4A	Starter Solenoid	M15834	1	X	X							
4B	Terminal Cover (Supplied with Engine)	M18988-6	1	X	X							
4C	1/4-20 x .50 Hex Head Cap Screw	CF000012	2	X	X							
4D	Plain Washer	S9262-98	2	X	X							
4E	Lock Washer	E106A-2	2	X	X							
4F	1/4-20 Hex Nut	CF000017	2	X	X							
5	Pressure Switch (Oil)	S14446-3	1	X	X							



Covers Assembly



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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1A	Roof	G3515	1	•	X							
1A	Roof	G3377	1	X	X							
1B	Self Tapping Screw	S8025-91	6	X	X							
2A	Right Case Side	G3373	1	X	X							
2B	Self Tapping Screw	S8025-91	5	X	X							
3A	Left Case Side	G3374	1	X	X							
3B	Self Tapping Screw	S8025-91	5	X	X							
4	Cover Seal	S12934	1	X	X							
5	Side Decal (Right & Left) (Order from Red-D-Arc)	NSS	1	X	•							
7	Warning Label	M16197	1	X	X							
8	Wiring Diagram	L10791	1	X	•							
8	Wiring Diagram	L10810	1	•	X							
9	Fuel Warning Decal	T13086-108	1	X	•							
9	Fuel Warning Decal	T13086-109	1	•	X							
10	Fuel Through	M16533	1	X	•							
11	Side Decal	G3399	2	•	X							



NOTES

GX271

