



PM- 294202 B

Dynasty and Maxstar 400 Dynasty 800 CE and Non-CE

Effective with Serial Number
NE220276L - ZZ222222R



PARTS MANUAL



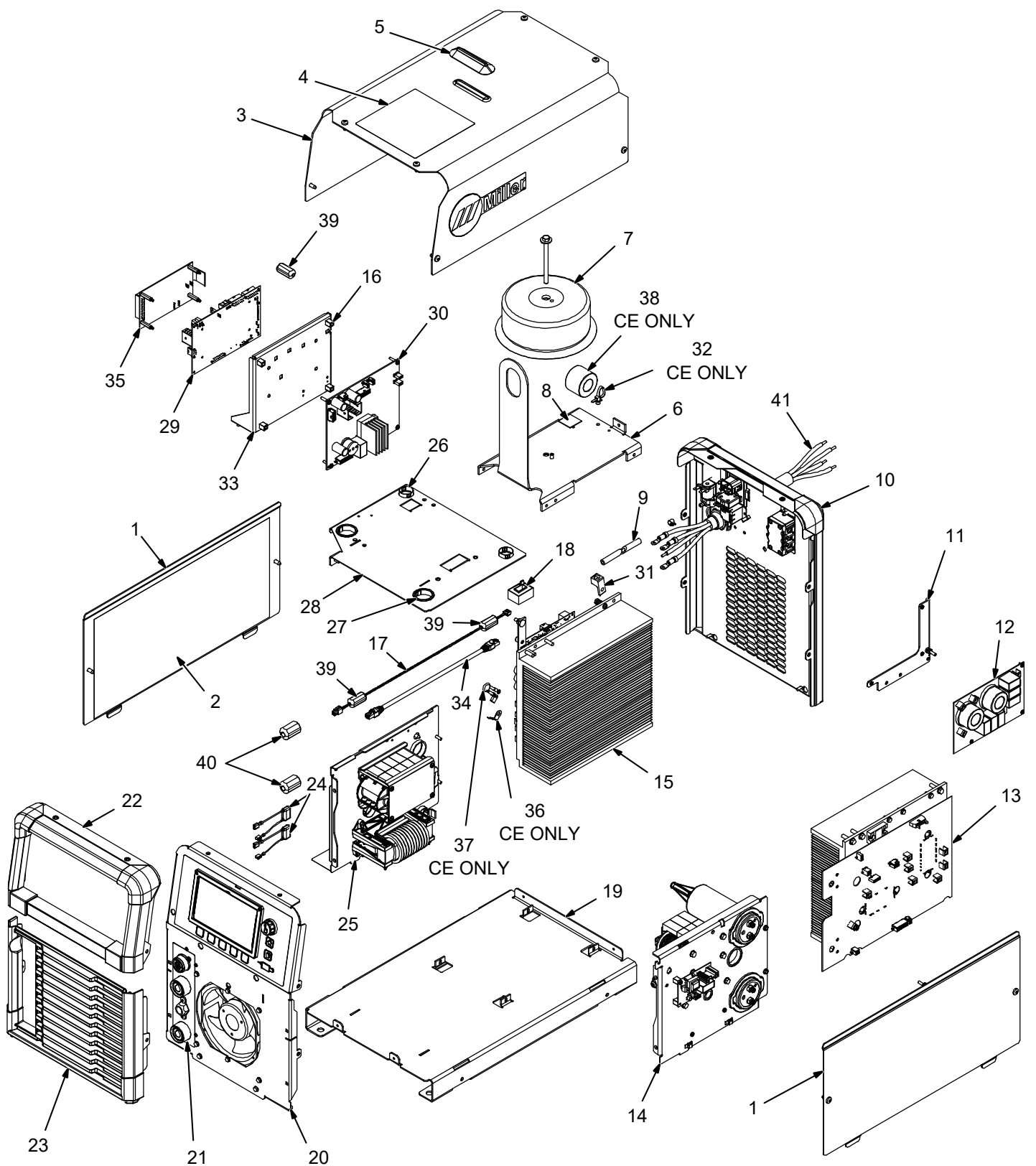
PM- 294202 B

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PARTS MANUAL



Dynasty 400 Shown

805667-A

Main Assembly

Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		292267	Panel, Side	2
2		224516	Insulator, Side	2
3		+ 292266	Wrapper, Top	1
4		280528	Label, Warning General Precautionary Static (En/Fr/Sp)	1
4		179310	Label, General Precautionary Wordless Intl Small (CE)	1
5		213073	Seal, Lift Eye	1
6		292268	Lift Eye	1
7	T3	280906	XFMR, Control Toroidal 665 Vac PRI 660VA 60Hz	1
8		155436	Label, Ground/Protective Earth	1
9		284789	Hose, Polyurethane Black .228 Id x .421 Od x 32 In	1
10			Rear Panel Assembly (See following for subassembly information)	1
11		293749	Bracket, Filter Board (CE)	1
12	PC10	296589	Circuit Card Assy, Input Filter (CE)	1
13			Heatsink, Primary Assembly (See following for subassembly information)	1
14			Wind Tunnel, Right Hand w/Components (See following for subassembly information)	1
15			Heatsink, Secondary (Dynasty 400) (See following for subassembly information)	1
15			Heatsink, Secondary (Maxstar 400) (See following for subassembly information)	1
16		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	4
17		250856	Cable Assy, Hall Effect w/Plugs	1
18	HD1	279328	Transducer, Current 400A/1100A Module Supply V +5V	1
19		292261	Base	1
20			Front Panel Assembly (See following for subassembly information)	1
21		293477	Label, Front Conn (Dynasty 400)	1
21		295571	Label, Front Conn (Maxstar 400)	1
22		292275	Panel, Front Top	1
23		292276	Panel, Louver Cover	1
/		224521	Connection Kit, Dinse (Not Shown)	1
24	C22,C24	221707	Capacitor Assy (Non-CE)	2
25			Wind Tunnel, Left Hand w/Components (See following for subassembly information)	1
26		057357	Bushing, Snap-In Nyl .937 Id x 1.125 Mtg Hole	2
27		170647	Bushing, Snap-In Nyl 1.312 Id x 1.500 Mtg Hole	2
28		287570	Panel, Top Windtunnel	1
29	PC2	291543	Kit, PC Board Process Control (Non-CE)	1
29	PC2	294468	↓ Kit, PC Board Process Control (CE)	1
/	PLG1	115093	→ Housing Plug + Skts, (Service Kit)	1
/	PLG40	115094	→ Housing Plug + Skts, (Service Kit)	1
/	PLG60	131055	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG80	131204	→ Housing Plug + Skts, (Service Kit)	1
/	PLG100	131056	→ Housing Plug+Pins (Service Kit)	1
/	PLG140	131056	→ Housing Plug+Pins (Service Kit)	1
30	PC7	280555	↓ Circuit Card Assy, Aux Power w/Program	1
/	PLG150	130203	→ Housing Plug+Pins (Service Kit)	1
/	PLG222	131204	→ Housing Plug + Skts, (Service Kit)	1

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Main Assembly

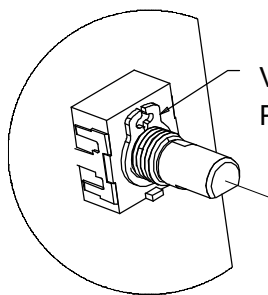
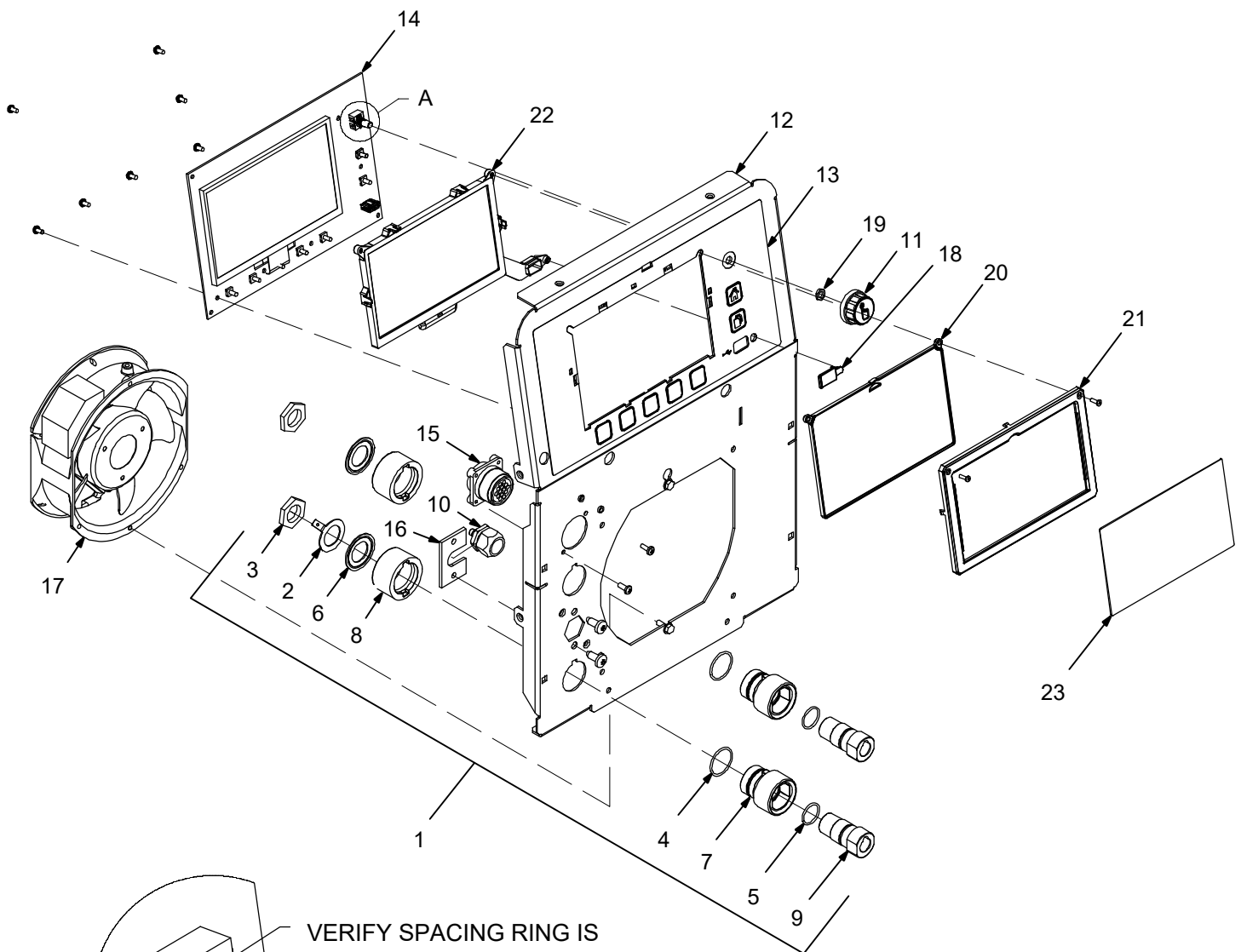
Item No.	Dia. Mkgs.	Part No.	Description	Qty
/	PLG4	158719	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG7	131052	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG10	131054	→ Housing Rcpt + Skts, (Service Kit)	1
/	PLG11	115093	→ Housing Plug + Skts, (Service Kit)	1
31		213248	Lug, Univ w/Screw 2/0-14 Wire .266Std	1
32		235496	Cable Tie, 0.06-2.000 Bundle Dia Tree Style Push Mount Mtg Hole Dia .246-.276 (CE)	1
33		287571	Bracket, Mtg Circuit Card Assy	1
34	PC13	275127	Cable, Ethernet Cat5E Utp Rj45 12.000 In Lg (BLK)	1
/		278161	↓ Kit, Automation Interface Connection (Not Shown)	1
35		273436	→ Circuit Card Assy, Automation	1
/		278321	→ Receptacle, w/Leads & Plug 28 Pin	1
/		218715	→ Conn, Circ Ms/Cpc 28 Pin Size 17 Plug Cable Push-in	1
/		218713	→ Conn, Circ Ms/Amp Pin Push-in 20-24Ga Solder Cup	28
/		079739	→ Conn, Circ Cpc Clamp Str Rlf Size 17-20 703 Od	1
/	PLG210	167333	→ Housing Plug+Skts, (Service Kit)	1
36		231208	Connector, Faston 1/4 Ring w/75 Deg Bend .265 Id	1
37	C23	295986	Capacitor/Resistor Assembly (Dynasty CE)	1
37	C23	295987	Capacitor/Resistor Assembly (Maxstar CE)	1
38	L45	296011	Core, Ferrite 50.80mm Od x 25.40mm Id x 38.10mm Lg (CE)	1
39	L31,L32,L37	249747	Core, Ferrite Round Cable .201 Id Clamp-On Emi Supp	3
40	L33,L34	265451	Core, Ferrite Round Cable .400 Id Clamp-On Emi Supp	2
41		216880	Cable, Power 10 Ft 8Ga 4C	1
41		294526	Cable, Power 11 Ft 6 in 4mm2 4c Blk/Brn/Gra/GrnYel (CE)	1
/	R23	291184	Resistor, Ww 10 W 25K Ohm With Leads+Term (Dynasty CE) (Not Shown)	1

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DETAIL A
SCALE 2 : 1

292264-B

Front Panel Assembly

Front Panel Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		279661	↓ Rcpt Assy, Tw Lk Insul Fem (Dinse Type)	2
2		178548	→ Terminal, Connector Friction	1
3		185717	→ Nut, M20-1.5 1.00Hex .19H Brs Locking	1
4		185718	→ O-Ring, 0.989 Id x 0.070H	1
5		186228	→ O-Ring, 0.739 Id x 0.070 H	1
6		229338	→ Washer, Domed Load .812 Id x 1.450 Od x .070 Thk	1
7		274934	→ Insulator, Bulkhead Front	1
8		274935	→ Insulator, Bulkhead Rear	1
9		250043	→ Receptacle, Twist Lock Dinse .890 Od	1
10		231279	Fitting, Gas-clip Mount	1
11		292399	Knob, 1.250 Dia x 6mm Id Push on w/Spring/Print	1
12		292262	Panel, Front	1
13		292279	Overlay UI Dynasty 400/800	1
14	PC3	295153	Kit, PC Board Interface LCD Display	1
15	RC1	297742	Lead Assy, Process Control To 14 Pin	1
16		230155	Bracket, Valve Mtg	1
17	FM	213072	Fan, Muffin 115V 60Hz 3400 Rpm 6.378 Mtg Holes	1
18		289225	Cover, USB	1
19		254151	Nut, M07-.75 10mm Hex 2mm H Stl Pld	1
20		292305	Lens, LCD	1
21		292306	Bezel, LCD	1
22		292805	Frame, LCD	1
23		292816	Lens Cover, Replaceable Dynasty 400/800	1

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Rear Panel Assembly

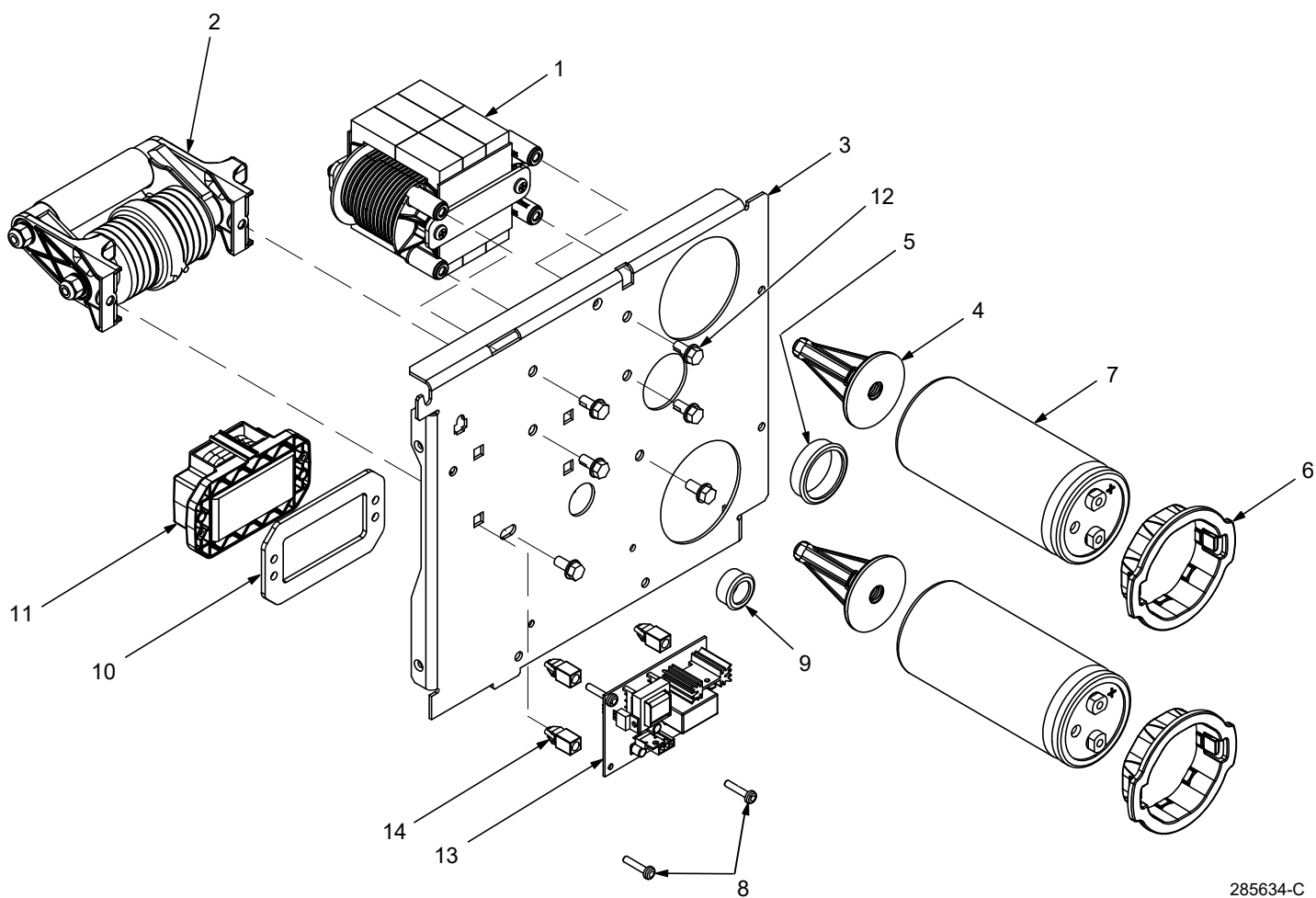
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		+ 292263	Panel, Rear	1
2		182445	Nut, Conduit 1.000 Npt Pld 1.688 Od x .200 Thk	1
3	GS1	402205	Kit, Valve, 24Vdc 2Way 125 PSI Custom Port	1
4	SP1	202711	Supplementary Protector, Man Reset 1P 7A 250V	1
5	RC2	270465	Rcpt, Str Grd 2P3W 10A 250V (Black) IEC 320-C13	1
6		292738	Bezel, Top Trim	1
7		215980	Bushing, Strain Relief .709/.984 Id x 1.375 Mtg Hole	1
7		255469	Bushing, Strain Relief .490/.785D x 1.326 Mtg Hole (CE)	1
8		292584	Nameplate, Ident Rear	1
9		270466	Cover, Outlet IEC-320-C13	1
10		294298	Label, Warning Input Conn/Elect Shock (En/Fr/Sp)	1
10		219842	Label, Warning Input Connections/Electric Shock (CE)	1
11	S1	244920	Switch, Tgl 3Pst 40A 600 Vac Scr Term Wide Tgl	1
12	CR1	206258	Relay, Encl 24 Vdc Spst 30A/240 Vac 4-Pin Flange Mtg	1
13		278019	Gasket, Emi 10mm x 20mm x 25.4mm	1
14		293590	Plate, Recpt	1
15		286299	Gasket, Switch	1

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285634-C

Windtunnel, Right Hand with Components

Windtunnel, Right Hand with Components

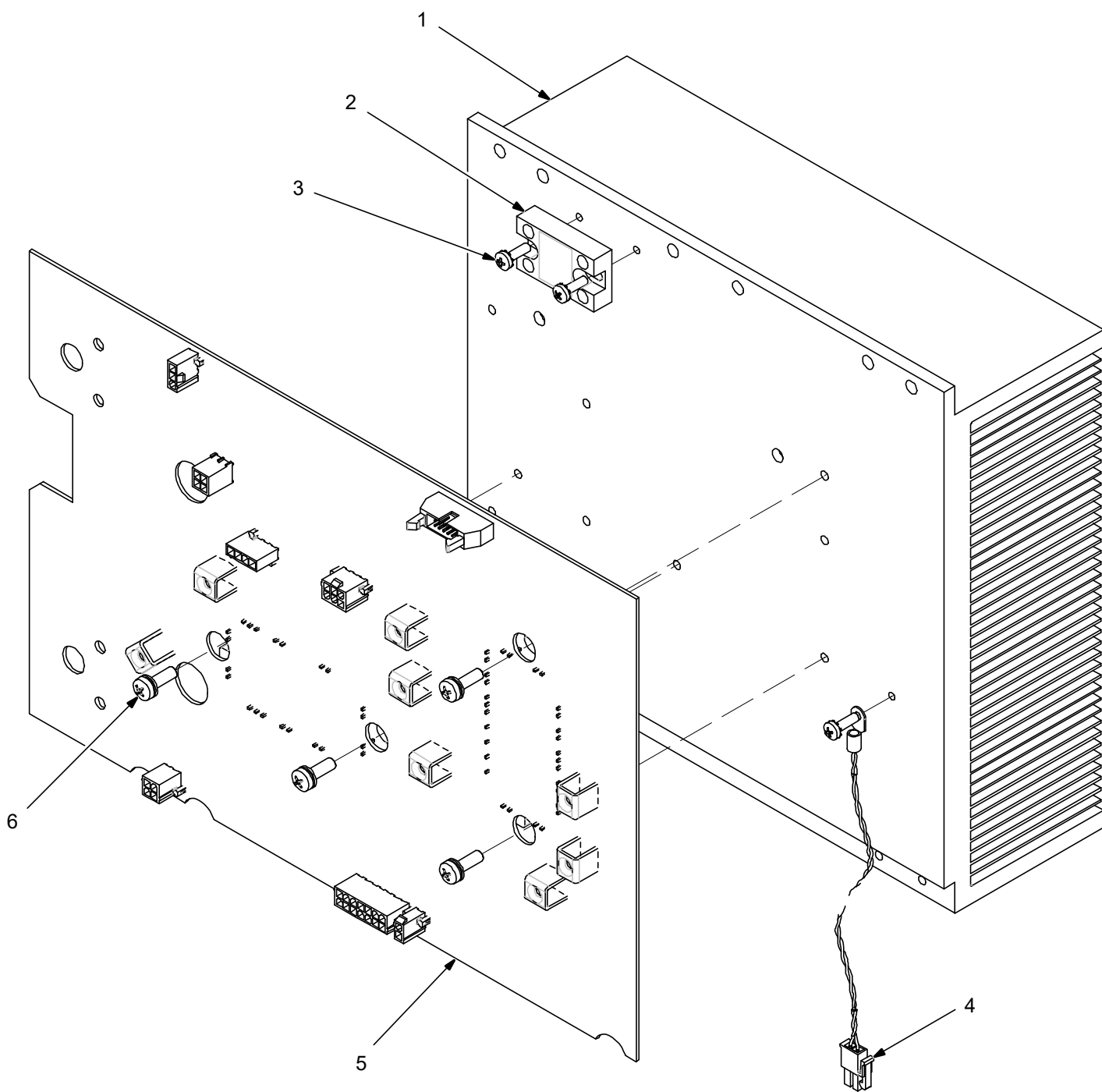
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1	L11	276208	Inductor, Input	1
2	T2	242782	XFMR, HF Coupling	1
3		274959	Panel, Right Windtunnel	1
4		216861	Stand-Off, Capacitor	2
5		170647	Bushing, Snap-In Nyl 1.312 Id x 1.500 Mtg Hole	1
6		216860	Grommet, Capacitor	2
7	C4,C20	245614	Capacitor, Elctlt 1800 UF 500 Vdc Can 2.52 Dia	2
8		207418	Screw, K40 x 20 Pan Hd-Phi Stl Pld Pt Thread Forming	2
9		010493	Bushing, Snap-In Nyl .625 Id x .875 Mtg Hole	1
10		218566	Gasket, Inductor Mounting E70 Ferrite Core	1
11	L12	213348	Coil, Inductor (Pre-Regulator)	1
12		233913	Screw, .250-14 x .50 Hexwhd T-25 T/C SC ZC	1
13	PC4	288491	↓ Circuit Card Assy, Arc Starter	6
/	PLG1	131204	→ Housing Plug + Skts, (Service Kit)	1
14		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	4

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294699-A

Heatsink, Primary Assembly

Heatsink, Primary Assembly

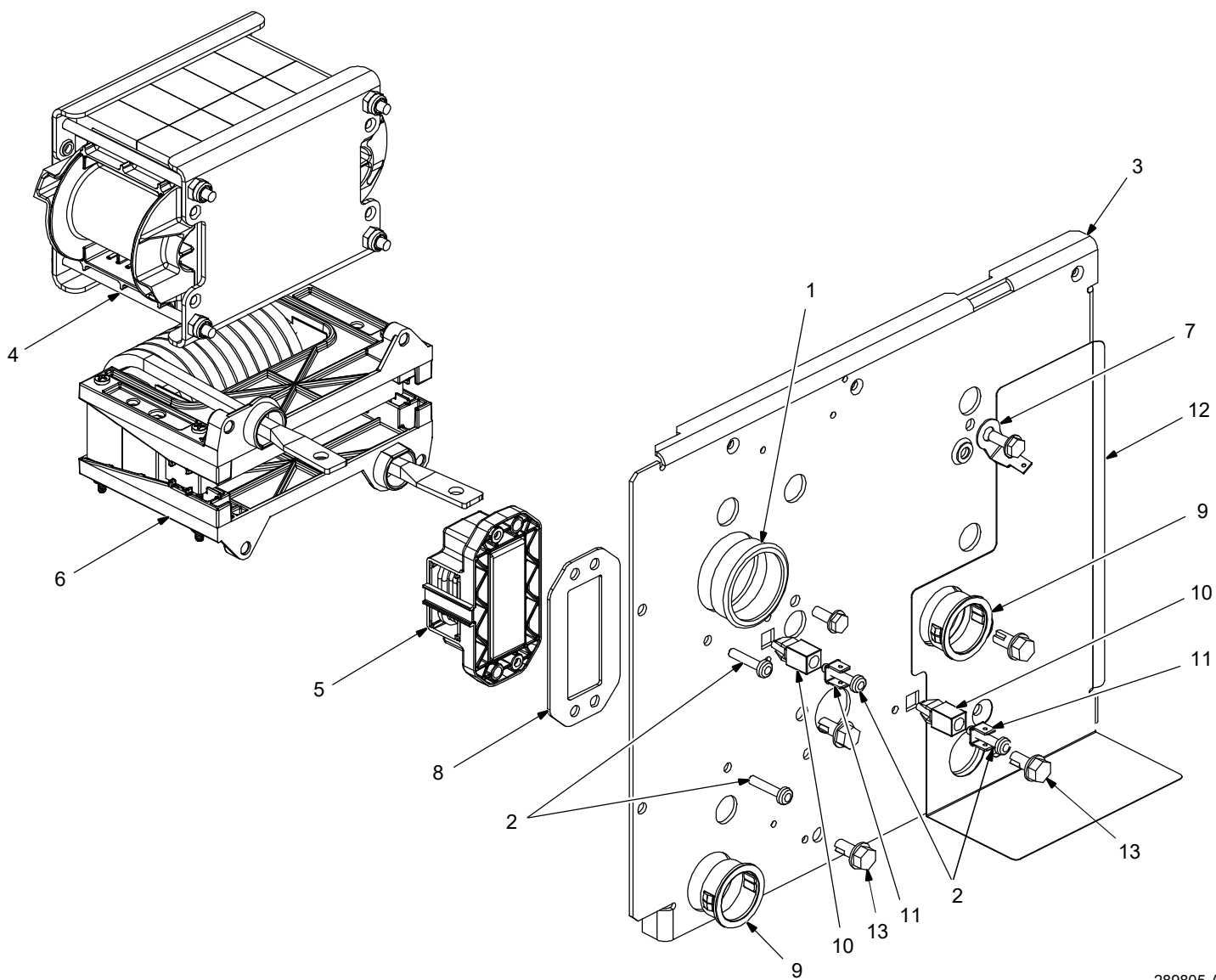
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		213346	Heatsink, Power Module	1
2	RM1	205751	Module, Power Resistor w/Plug	1
3		207451	Screw, 008-32 x .50 Pan Hd-Phl Stl Pld Sems	3
4	RT11	213353	Thermistor, NTC 30K Ohm @ 25 Deg C 8 In Lead	1
5	PC1	296477	↓ Kit, Circuit Card Assembly Primary Interconnect	1
/	PLG101	131054	→ Housing Rcpt + Skts, (Service Kit)	1
/	PLG2	201665	→ Housing Plug + Skts (Service Kit)	1
/	PLG400	115093	→ Housing Plug + Skts, (Service Kit)	1
/	PLG6	131056	→ Housing Plug+Pins (Service Kit)	1
/	PLG71	115094	→ Housing Plug + Skts, (Service Kit)	1
/	PLG8	279432	→ Housing Rcpt+Skts, (Service Kit)	1
6		257271	Screw, M5-.8 x 16 Pan Hd-Phl Stl Pld Sems	4

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289805-A

Windtunnel, Left Hand with Components

Windtunnel, Left Hand with Components

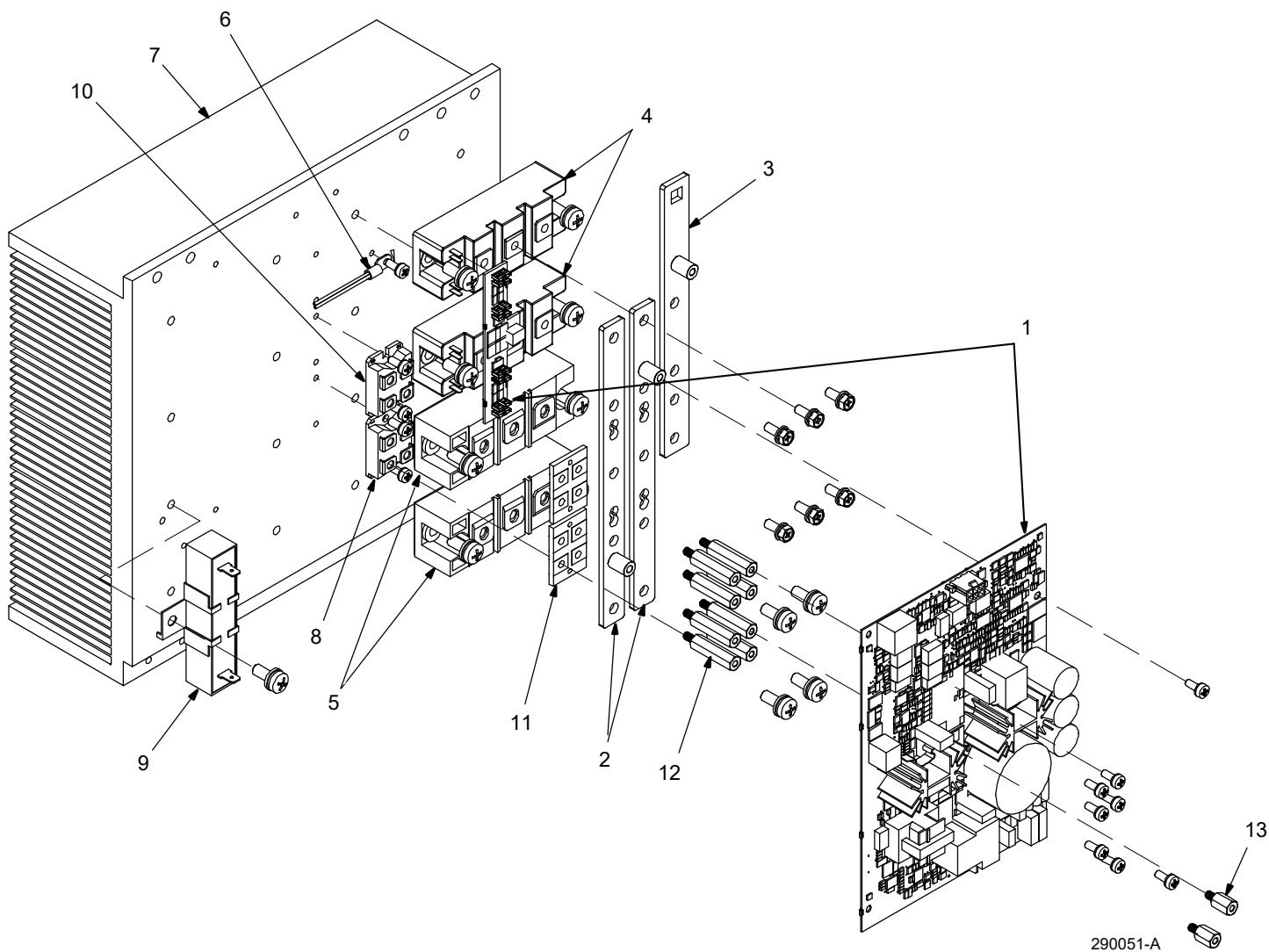
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		170647	Bushing, Snap-In Nyl 1.312 Id x 1.500 Mtg Hole	1
2		207418	Screw, K40 x 20 Pan Hd-Phi Stl Pld Pt Thread Forming	2
3		289804	Panel, Left Windtunnel	1
4	T1	274757	XFMR, Hf Litz/Litz w/Boost	1
5	L22	275390	Coil, Inductor (Boost)	1
6	L21	288918	Inductor, Output	1
7		231208	Connector, Faston 1/4 Ring w/75 Deg Bend .265 Id	1
8		227746	Gasket, Inductor Mounting E55 Ferrite Core	1
9		057357	Bushing, Snap-In Nyl .937 Id x 1.125 Mtg Hole	2
10		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	2
11		600760	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 1pr	2
12		287694	Insulator, Electrode	1
13		233913	Screw, .250-14 x .50 Hexwhd T-25 T/C SC ZC	2

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Heatsink, Secondary (Dynasty)

Heatsink, Secondary (Dynasty)

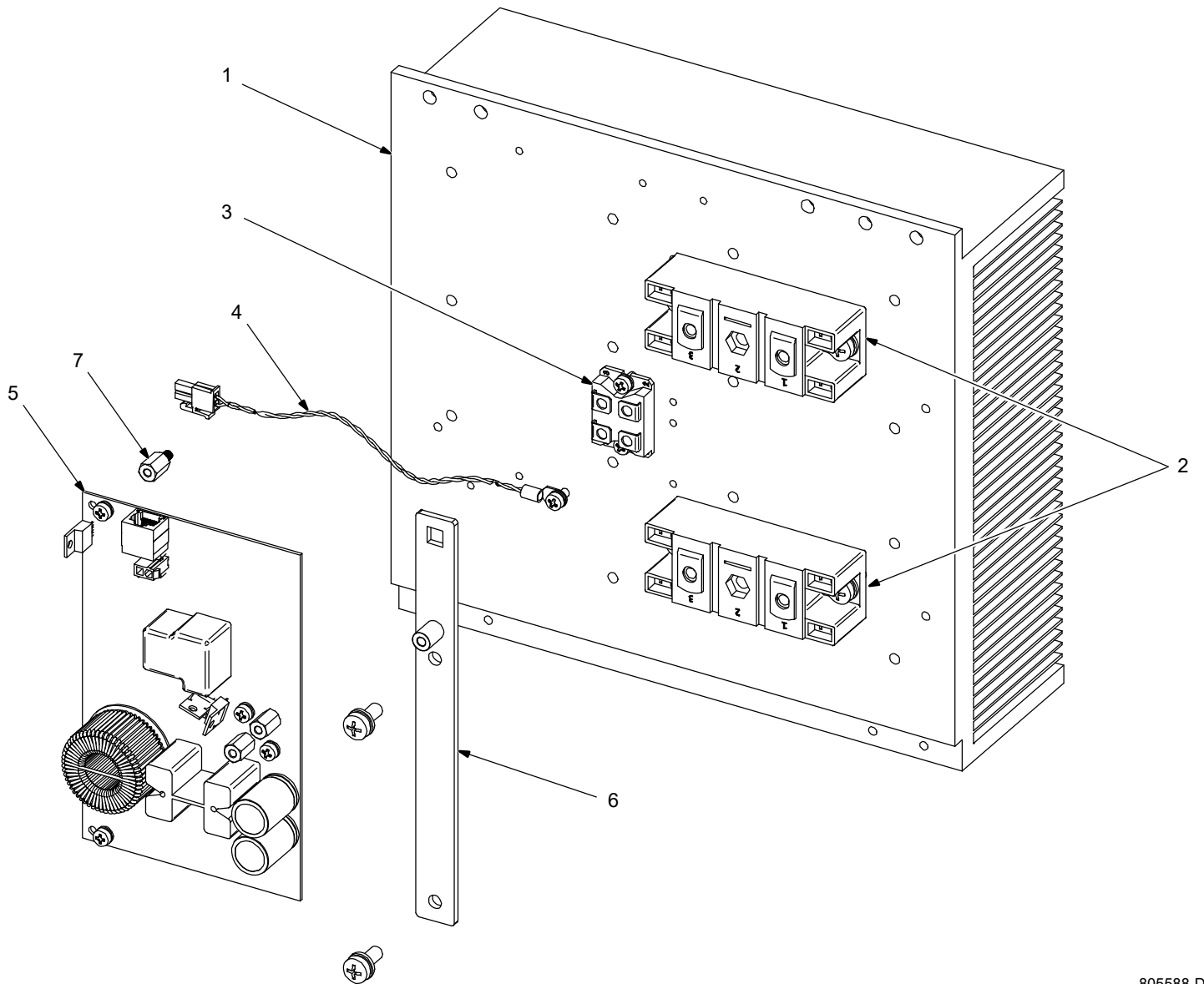
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1	PC5	281145	↓ Circuit Card Assy, Secondary	1
/	RC331	131054	→ Housing Rcpt + Skts, (Service Kit)	1
2		284152	Bus Bar, Cop .625 x 7.750 x .125 Thk	2
3		284153	Bus Bar, Cop .750 x 7.000 x .125 Thk	1
4	PM21,PM22	283390	Kit, IGBT	2
5	D21,D22	287896	Kit, Ultra Fast Diode	2
6	RT21	213353	Thermistor, NTC 30K Ohm @ 25 Deg C 8 In Lead	1
7		274755	Heatsink, Power Module	1
8	D23	201530	Kit, Diode Fast Recovery Bridge	1
9	R21	275003	Resistor, WW Fxd 50 W 10 Ohm 5% w/Ter	1
10	PM25	259420	Kit, IGBT	1
11		250831	Spacer, PWB	2
12		274924	Stand-Off, M4 x 0.7 x 30mm Lg 8mm Hex AL M&F	8
13		276732	Stand-Off, M4 x 0.7 x 12mm Lg 8mm Hex AL M and F	2

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805588-D

Heatsink, Secondary (Maxstar)

Heatsink, Secondary (Maxstar)

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		274755	Heatsink, Power Module	1
2	D21,D22	213521	Kit, Ultra Fast Diode	2
3	D23	201530	Kit, Diode Fast Recovery Bridge	1
4	RT21	213353	Thermistor, NTC 30K Ohm @ 25 Deg C 8 In Lead	1
5	PC5	275540	↓ Circuit Card Assy, Secondary	1
/	RC331	131054	→ Housing Rcpt + Skts, (Service Kit)	1
6		291036	Bus Bar, Cop .750 x 7.875 x .125 Thk	1
7		276732	Stand-Off, M4 x 0.7 x 12mm Lg 8mm Hex Al M and F	3

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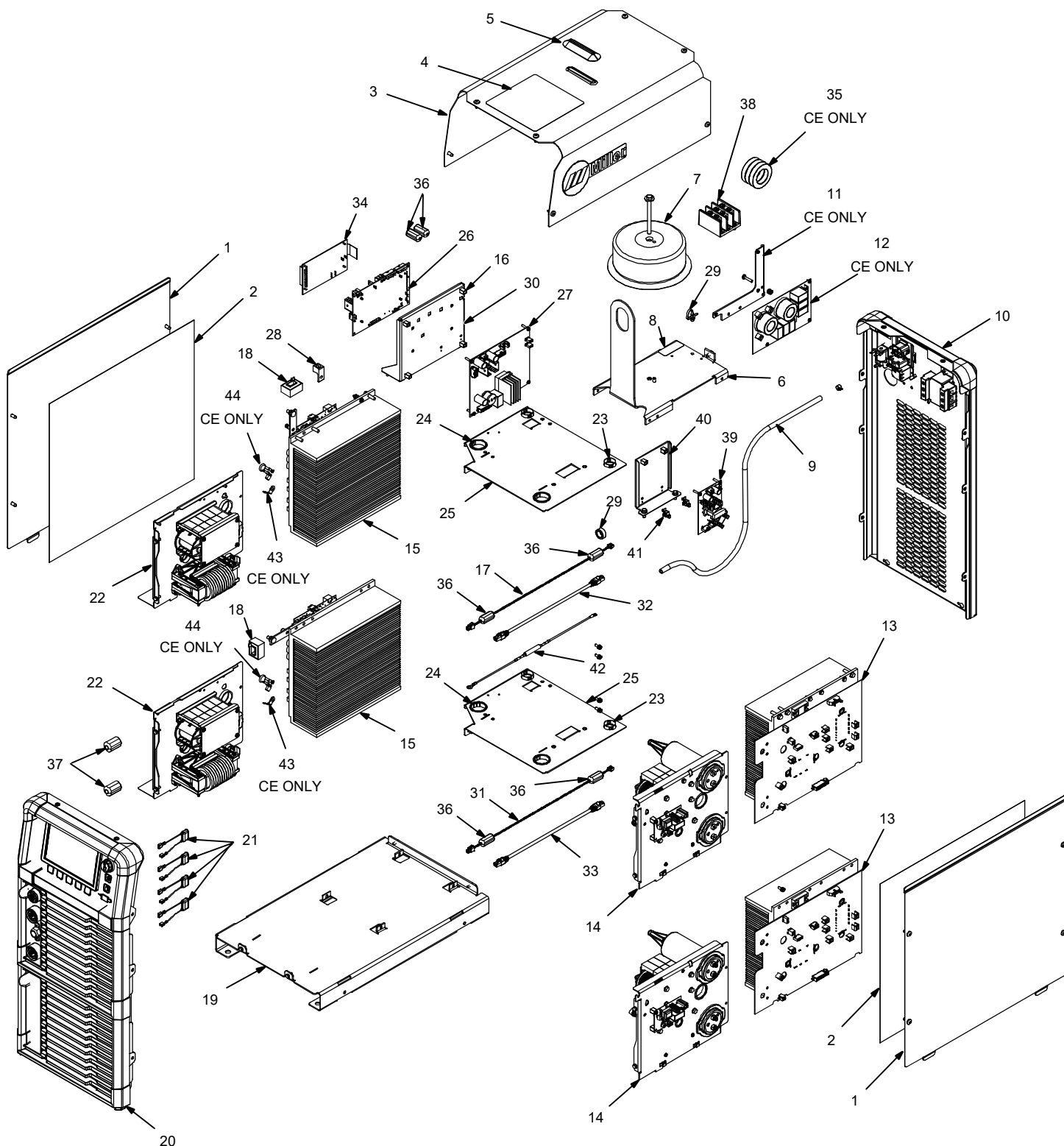
PM- 294202 B

Dynasty 800

Effective with Serial Number
NE220276L - ZZ222222R



PARTS MANUAL



Dynasty 800 Shown

805668-A

Main Assembly

Main Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		292273	Panel, Side	2
2		213071	Insulator, Side	2
3		+ 292266	Wrapper, Top	1
4		280528	Label, Warning General Precautionary Static (En/Fr/Sp)	1
4		179310	Label, General Precautionary Wordless Intl Small (CE)	1
5		213073	Seal, Lift Eye	1
6		292268	Lift Eye	1
7	T3	280906	XFMR, Control Toroidal 665 Vac PRI 660VA 60Hz	1
8		279333	Label, Terminal Block Primary (Non CE)	1
8		155436	Label, Ground/Protective Earth (CE) (Not Shown)	1
9		284789	Hose, Polyurethane Black .228 Id x .421 Od x 32 In	1
10			Rear Panel Assembly (See following for subassembly information)	1
11		293749	Bracket, Filter Board (CE)	1
12	PC10	296589	Circuit Card Assy, Input Filter (CE)	1
13			Heatsink, Primary Assembly (See following for subassembly information)	1
14			Wind Tunnel, Right Hand w/Components (See following for subassembly information)	2
15			Heatsink, Secondary (See following for subassembly information)	2
16		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	6
17		275299	Cable Assy, Hall Effect w/Plugs 19.000 In	1
18	HD1,HD2	279328	Transducer, Current 400A/1100A Module Supply V +5V	2
19		292261	Base	1
20			Front Panel Assembly (See following for subassembly information)	1
/		215120	Connection Kit, Thread Lock Combination Wet/Dry	1
21	C22,C24,C25,C26	221707	Capacitor Assy (Non CE)	3
22			Wind Tunnel, Left Hand w/Components (See following for subassembly information)	2
23		057357	Bushing, Snap-In Nyl .937 Id x 1.125 Mtg Hole	4
24		170647	Bushing, Snap-In Nyl 1.312 Id x 1.500 Mtg Hole	4
25		274961	Panel, Top Windtunnel	2
26	PC2	291543	Kit, PC Board Process Control (Non CE)	1
26	PC2	294468	↓ Kit, PC Board Process Control (CE)	1
/	PLG1	115093	→ Housing Plug + Skts, (Service Kit)	1
/	PLG40	115094	→ Housing Plug + Skts, (Service Kit)	1
/	PLG50	201665	→ Housing Plug + Skts (Service Kit)	1
/	PLG60	131055	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG80	131204	→ Housing Plug + Skts, (Service Kit)	1
/	PLG90	131204	→ Housing Plug + Skts, (Service Kit)	1
/	PLG100	131056	→ Housing Plug+Pins (Service Kit)	1
/	PLG140	131056	→ Housing Plug+Pins (Service Kit)	1
/	PLG200	131056	→ Housing Plug+Pins (Service Kit)	1
27	PC7	280555	↓ Circuit Card Assy, Aux Power w/Program	1
/	PLG150	130203	→ Housing Plug+Pins (Service Kit)	1
/	PLG222	131204	→ Housing Plug + Skts, (Service Kit)	1
/	PLG3	158719	→ Housing Rcpt+Skts, (Service Kit)	1

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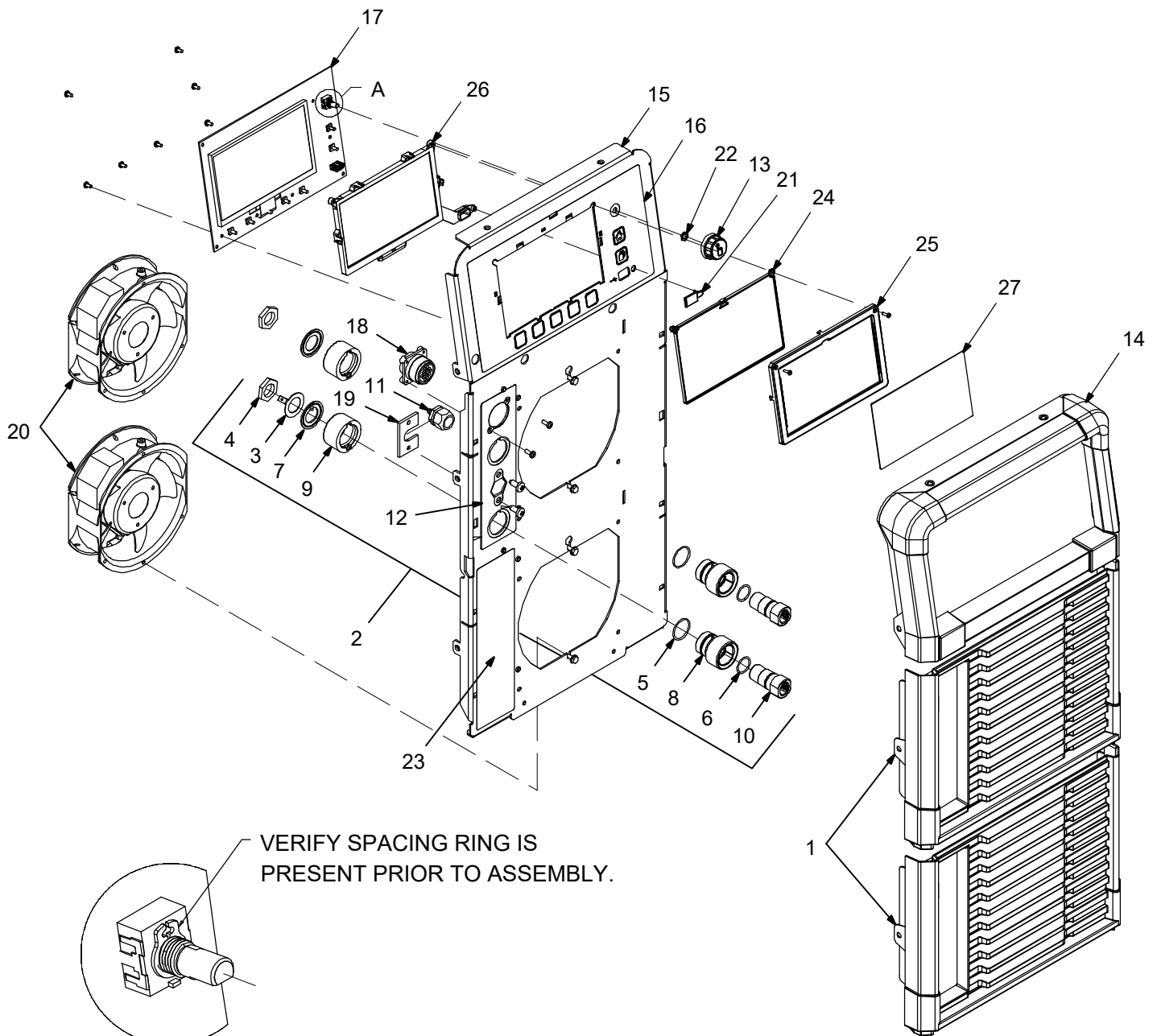
Item No.	Dia. Mkgs.	Part No.	Description	Qty
/	PLG4	158719	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG5	131054	→ Housing Rcpt + Skts, (Service Kit)	1
/	PLG7	131052	→ Housing Rcpt+Skts, (Service Kit)	1
/	PLG9	115091	→ Housing Plug + Pins (Service Kit)	1
/	PLG10	131054	→ Housing Rcpt + Skts, (Service Kit)	1
/	PLG11	115093	→ Housing Plug + Skts, (Service Kit)	1
28		213248	Lug, Univ w/Screw 2/0-14 Wire .266Std	1
29		235496	Cable Tie, 0.06-2.000 Bundle Dia Tree Style Push Mount Mtg Hole Dia .246-.276 (CE)	1
30		275176	Bracket, Mtg Circuit Card Assy	1
31		276821	Cable Assy, Hall Effect w/Plugs 28 in.	1
32		275127	Cable, Ethernet Cat5E Utp Rj45 12.000 In Lg (BLK)	1
33		276416	Cable, Ethernet Cat5E Utp Rj45 24.000 In Lg (Blue)	1
/		278161	↓ Kit, Automation Interface Connection (Not Shown)	1
34	PC13	273436	→ Circuit Card Assy, Automation	1
/	PLG210	167333	↓ Housing Plug+Skts, (Service Kit)	1
/		278321	→ Receptacle, w/Leads & Plug 28 Pin	1
/		218715	→ Conn, Circ Ms/Cpc 28 Pin Size 17 Plug Cable Push-in	1
/		218713	→ Conn, Circ Ms/Amp Pin Push-in 20-24Ga Solder Cup	28
/		079739	→ Conn, Circ Cpc Clamp Str Rlf Size 17-20 703 Od	1
35	L42,L43,L44	296187	Core, Ferrite 61.00mm Od x 35.55mm Id x 12.70mm Lg (CE)	3
36	L31-32,L35-L38	249747	Core, Ferrite Round Cable .201 Id Clamp-On Emi Supp	6
37	L30,L33,L34	265451	Core, Ferrite Round Cable .400 Id Clamp-On Emi Supp	3
38	TE1	198951	Block, Terminal 3 Pole (Non-CE)	1
39	PC77	266586	Circuit Card Assy, Flyback 60w 940V In	1
40		292031	Bracket, Mtg Circuit Card Assy	1
41		263308	Clip, Mtg Pc Board	2
42	R23	291184	Resistor, Ww 10 W 25K Ohm With Leads+Term (CE) (Not Shown)	1
43		231208	Connector, Faston 1/4 Ring w/75 Deg Bend .265 Id (CE)	2
44	C23,C28	295986	Capacitor/Resistor Assembly (CE)	2

*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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Hardware is common and not available unless listed.

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DETAIL A
SCALE 2 : 1

292271-B

Front Panel Assembly

Front Panel Assembly

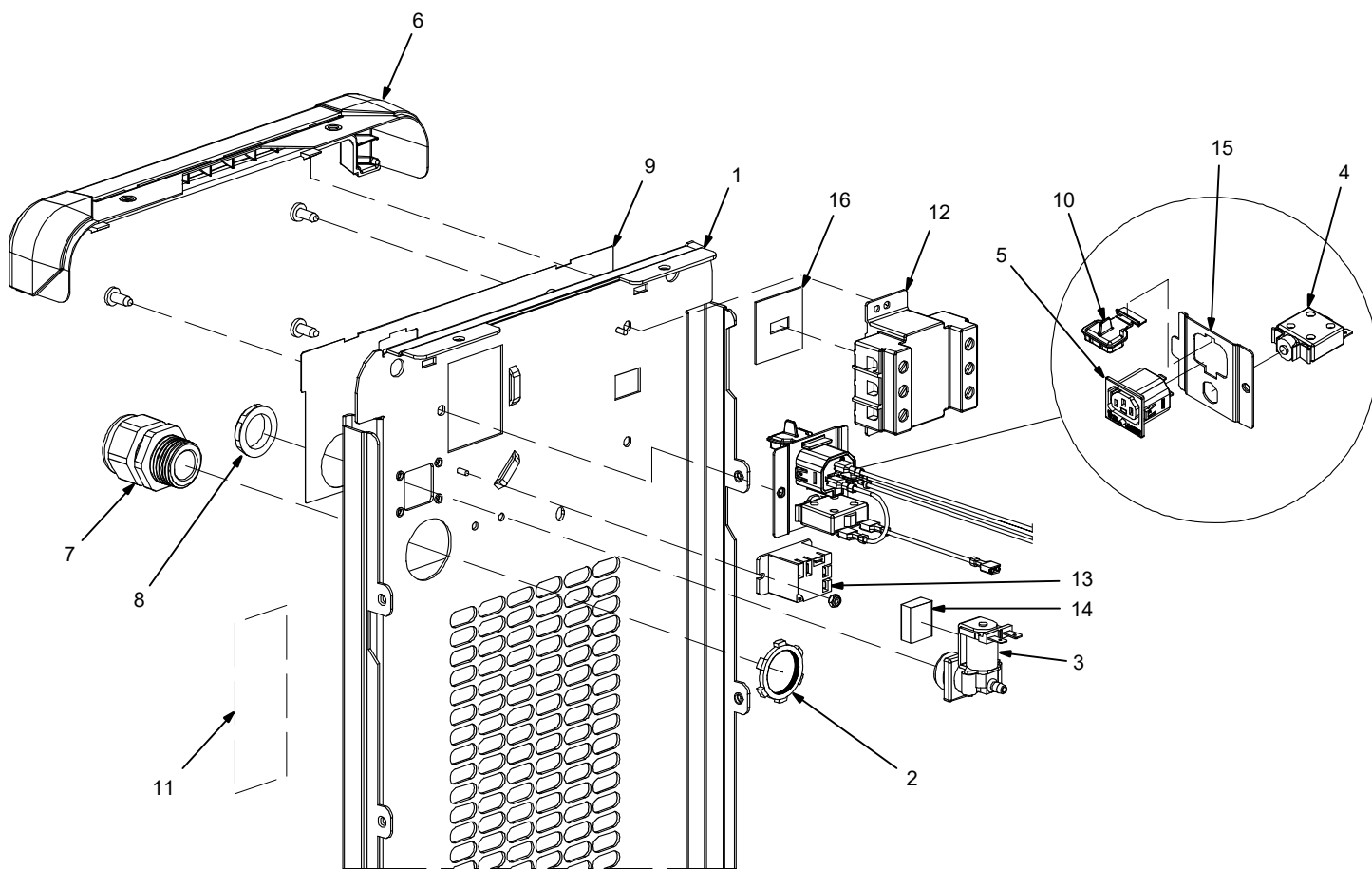
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		292276	Panel, Louver Cover	2
2		279662	↓ Rcpt Assy, Tw Lk Insul Fem (Copper)	2
3		178548	→ Terminal, Connector Friction	1
4		185717	→ Nut, M20-1.5 1.00Hex .19H Brs Locking	1
5		185718	→ O-Ring, 0.989 Id x 0.070H	1
6		186228	→ O-Ring, 0.739 Id x 0.070 H	1
7		229338	→ Washer, Domed Load .812 Id x 1.450 Od x .070 Thk	1
8		274934	→ Insulator, Bulkhead Front	1
9		274935	→ Insulator, Bulkhead Rear	1
10		276755	→ Receptacle, Twist Lock Brass Power (Female)	1
11		231279	Fitting, Gas-clip Mount	1
12		293477	Label, Front Conn	1
13		293399	Knob, Pointer 1.250 Dia x 6mm Id w/Spring/Print	1
14		292275	Panel, Front Top	1
15		+ 292269	Panel, Front	1
16		292279	Overlay UI Dynasty 400/800	1
17	PC3	295153	Kit, PC Board Interface LCD Display	1
18	RC1	275258	Lead Assy, Process Control To 14 Pin	1
19		230155	Bracket, Valve Mtg	1
20	FMT,FMB	213072	Fan, Muffin 115V 60Hz 3400 Rpm 6.378 Mtg Holes	2
21		289225	Cover, USB	1
22		254151	Nut, M07-.75 10mm Hex 2mm H Stl Pld	1
23		216859	Plate, Front Panel	1
24		292305	Lens, LCD	1
25		292306	Bezel, LCD	1
26		292805	Frame, LCD	1
27		292816	Lens Cover, Replaceable Dynasty 400/800	1

*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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292272-B

Rear Panel Assembly

Rear Panel Assembly

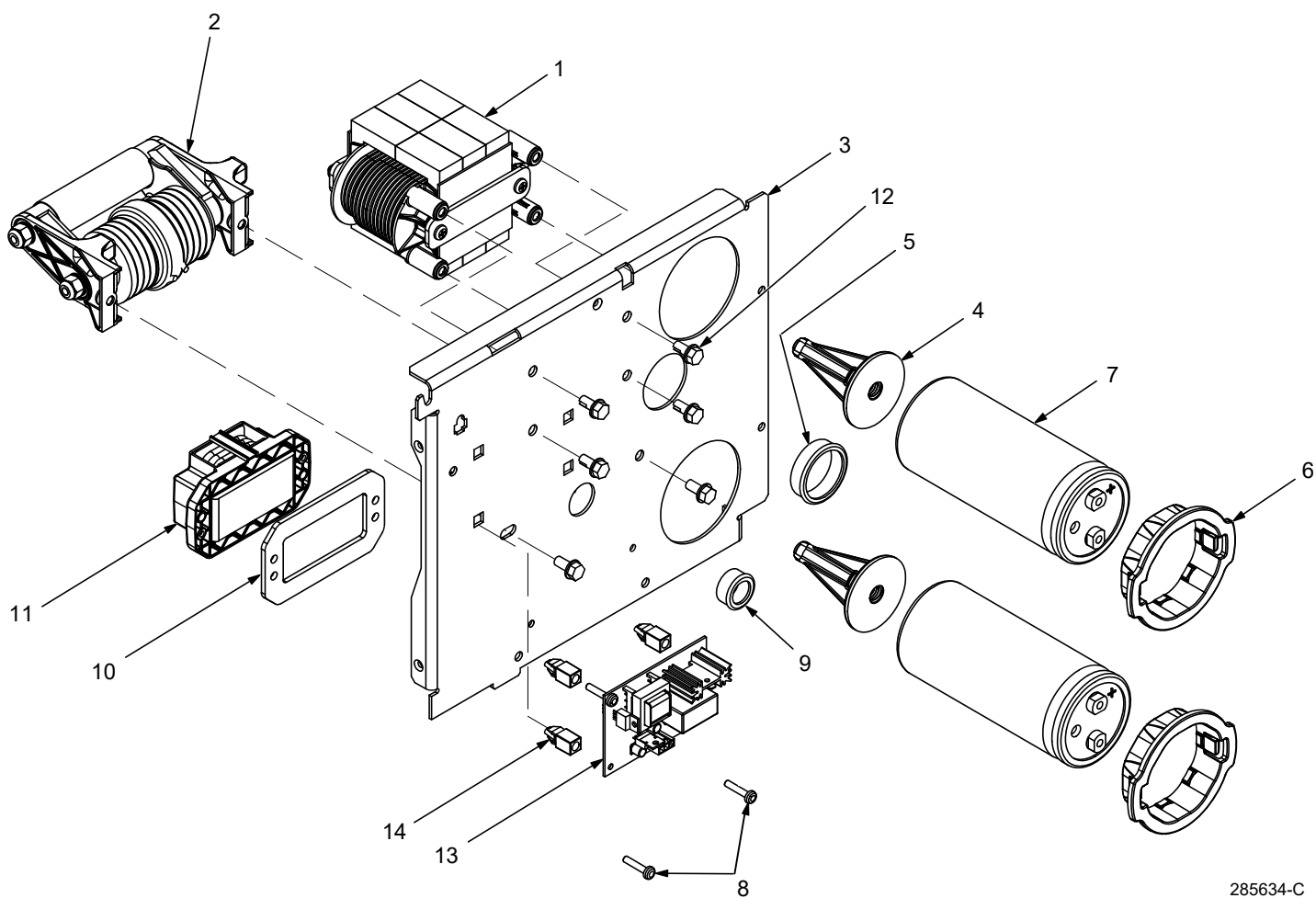
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		+ 292270	Panel, Rear (Order By Stock And Serial Number)	1
/		296586	Cable, Power 11 Ft 6 In 8Ga 4C (CE) (Not Shown)	1
2		274562	Nut, Conduit 1.250-11.5 Npt Pld 2.062 Od x .17 Thk	1
3	GS1	238805	Valve, 24 Vdc 2Way, 125 Psi Custom Port .054 Orf w/Fr	1
4	SP1	202711	Supplementary Protector, Man Reset 1P 7A 250V	1
5	RC2	270465	Rcpt, Str Grd 2P3W 10A 250V (Black) IEC 320-C13	1
6		292738	Bezel, Top Trim	1
7		263090	Bushing, Strain Relief .709/.984 Id x 1.650 Mtg Hole (CE)	1
8		137761	Nut, .750 Npt 1.31 Hex .27H Nyl Blk	1
9		292584	Nameplate, Ident Rear	1
10		270466	Cover, Outlet IEC-320-C13	1
11		294298	Label, Warning Input Conn/Elect Shock (En/Fr/Sp)	1
11		219842	Label, Warning Input Connections/Electric Shock (CE)	1
12	S1	246846	↓ Switch, Tgl Assy	1
/		249816	→ Switch, Tgl 3 Pst 85A 600 Vac Scr Term Wide Tgl	1
12	S1	244920	Switch, Tgl 3Pst 40A 600 Vac Scr Term Wide Tgl (CE)	1
13	CR1	206258	Relay, Encl 24 Vdc Spst 30A/240 Vac 4-Pin Flange Mtg	1
14		278019	Gasket, Emi 10mm x 20mm x 25.4mm	1
15		293590	Plate, Recpt	1
16		286299	Gasket, Switch	1

*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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285634-C

Windtunnel, Right Hand with Components

Windtunnel, Right Hand with Components

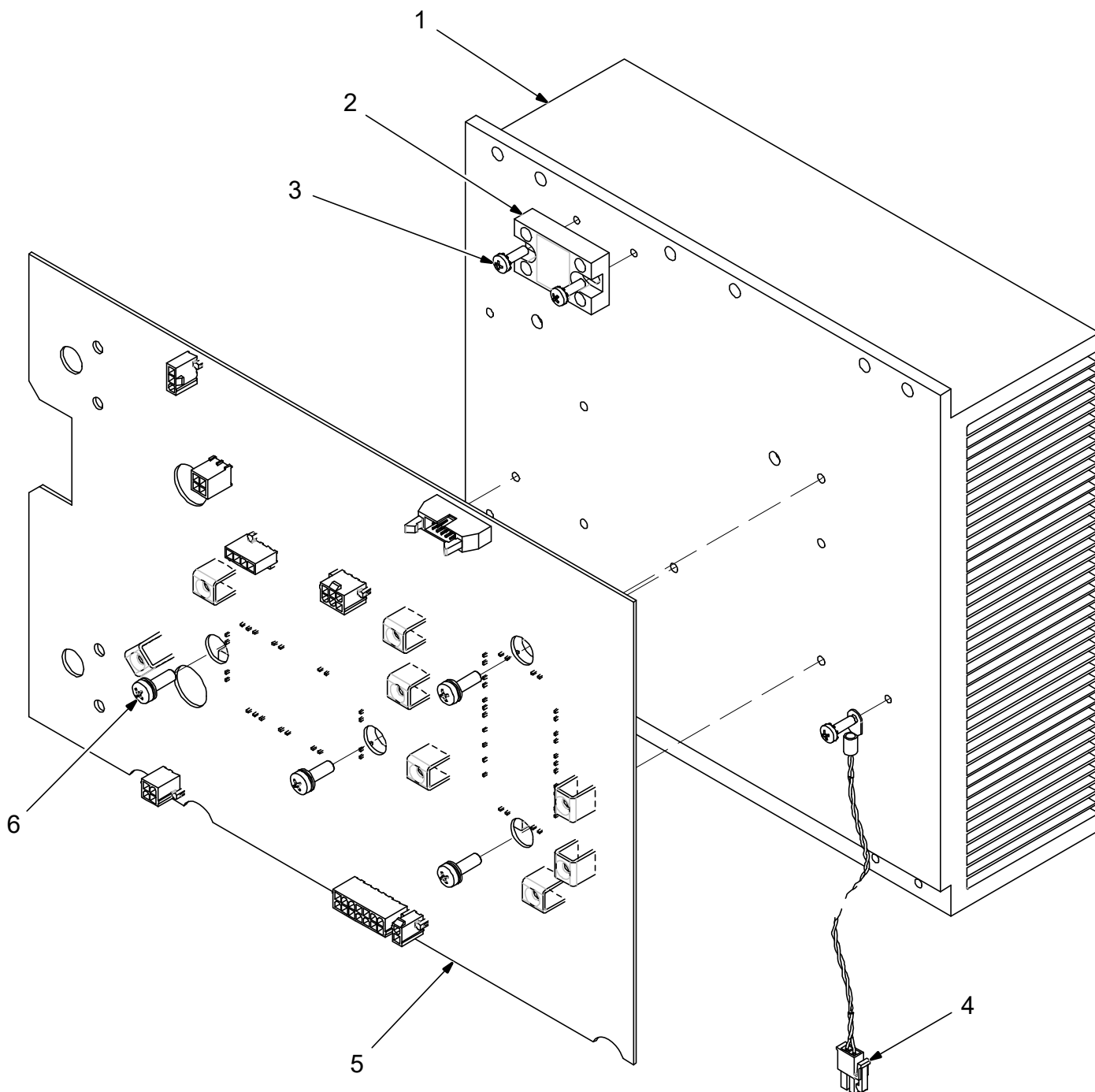
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1	L11	276208	Inductor, Input	1
2	T2	242782	XFMR, HF Coupling	1
3		274959	Panel, Right Windtunnel	1
4		216861	Stand-Off, Capacitor	2
5		170647	Bushing, Snap-In Nyl 1.312 Id x 1.500 Mtg Hole	1
6		216860	Grommet, Capacitor	2
7	C4,C20	245614	Capacitor, Elctlt 1800 UF 500 Vdc Can 2.52 Dia	2
8		207418	Screw, K40 x 20 Pan Hd-Phi Stl Pld Pt Thread Forming	2
9		010493	Bushing, Snap-In Nyl .625 Id x .875 Mtg Hole	1
10		218566	Gasket, Inductor Mounting E70 Ferrite Core	1
11	L12	213348	Coil, Inductor (Pre-Regulator)	1
12		233913	Screw, .250-14 x .50 Hexwhd T-25 T/C SC ZC	6
13	PC4	288491	Circuit Card Assy, Arc Starter	1
/	PG1	131204	Housing Plug + Skts, (Service Kit)	1
14		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	4

*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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294699-A

Heatsink, Primary Assembly

Heatsink, Primary Assembly

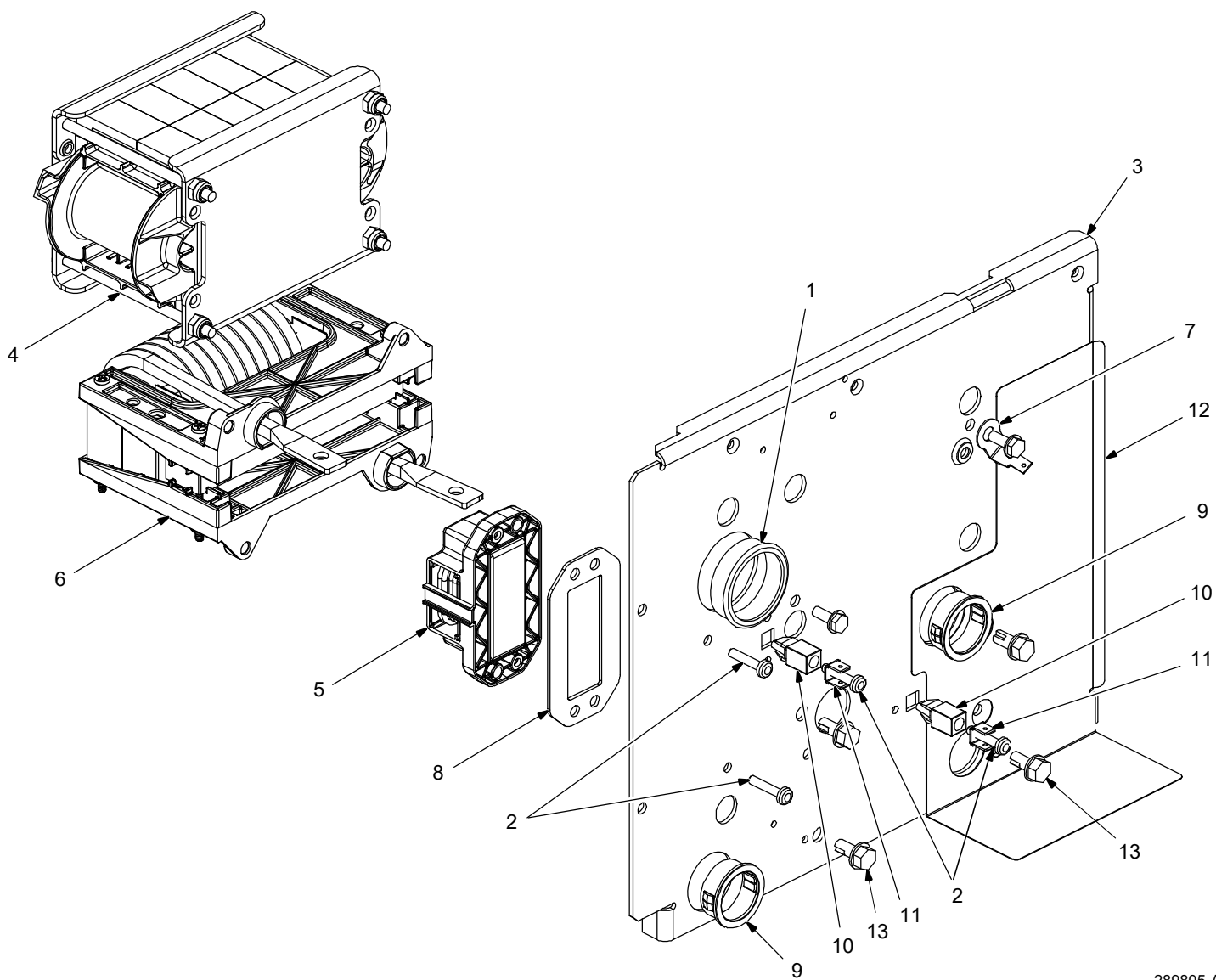
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		213346	Heatsink, Power Module	1
2	RM1	205751	Module, Power Resistor w/Plug	1
3		207451	Screw, 008-32 x .50 Pan Hd-Phl Stl Pld Sems	3
4	RT11	213353	Thermistor, NTC 30K Ohm @ 25 Deg C 8 In Lead	1
5	PC1	296477	↓ Kit, Circuit Card Assembly Primary Interconnect	1
/	PLG101	131054	→ Housing Rcpt + Skts, (Service Kit)	1
/	PLG2	201665	→ Housing Plug + Skts (Service Kit)	1
/	PLG400	115093	→ Housing Plug + Skts, (Service Kit)	1
/	PLG6	131056	→ Housing Plug+Pins (Service Kit)	1
/	PLG71	115094	→ Housing Plug + Skts, (Service Kit)	1
/	PLG8	279432	→ Housing Rcpt+Skts, (Service Kit)	1
6		257271	Screw, M5-.8 x 16 Pan Hd-Phl Stl Pld Sems	4

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289805-A

Windtunnel, Left Hand with Components

Windtunnel, Left Hand with Components

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		213347	Bushing, Snap-in Nyl 1.312 Id x 1.500 Mtg Hole	1
2		207418	Screw, K40 x 20 Pan Hd-Phi Stl Pld Pt Thread Forming	2
3		289804	Panel, Left Windtunnel	1
4	T1	274757	XFMR, Hf Litz/Litz w/Boost	1
5	L22	275390	Coil, Inductor (Boost)	1
6	L21	288918	Inductor, Output	1
7		231208	Connector, Faston 1/4 Ring w/75 Deg Bend .265 Id	1
8		227746	Gasket, Inductor Mounting E55 Ferrite Core	1
9		057357	Bushing, Snap-In Nyl .937 Id x 1.125 Mtg Hole	2
10		083147	Grommet, Scr No 8/10 Panel Hole .312 Sq .500 High	2
11		600760	Term, Frict .250 x .032 Uninsul Male .130 Stud Mtg 1pr	2
12		287694	Insulator, Electrode	1
13		233913	Screw, .250-14 x .50 Hexwhd T-25 T/C SC ZC	2

*Recommended Spare Parts ~ Optional ↓ Item includes other parts. → Item is part of a subassembly.

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Heatsink, Secondary

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1	PC5	281145	↓ Circuit Card Assy, Secondary	1
/	RC331	131054	→ Housing Rcpt + Skts, (Service Kit)	1
2		284152	Bus Bar, Cop .625 x 7.750 x .125 Thk	2
3		284153	Bus Bar, Cop .750 x 7.000 x .125 Thk	1
3		289912	Bus Bar, Positive	1
4	PM21,PM22	283390	Kit, IGBT	2
5	D21,D22	287896	Kit, Ultra Fast Diode	2
6	RT21	213353	Thermistor, NTC 30K Ohm @ 25 Deg C 8 In Lead	1
7		274755	Heatsink, Power Module	1
8	D23	201530	Kit, Diode Fast Recovery Bridge	1
9	R21	275003	Resistor, WW Fxd 50 W 10 Ohm 5% w/Ter	1
10	PM25	259420	Kit, IGBT	1
11		280831	Spacer, PWB	2
12		274924	Stand-Off, M4 x 0.7 x 30mm Lg 8mm Hex AL M&F	8
13		276732	Stand-Off, M4 x 0.7 x 12mm Lg 8mm Hex Al M and F	2

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