

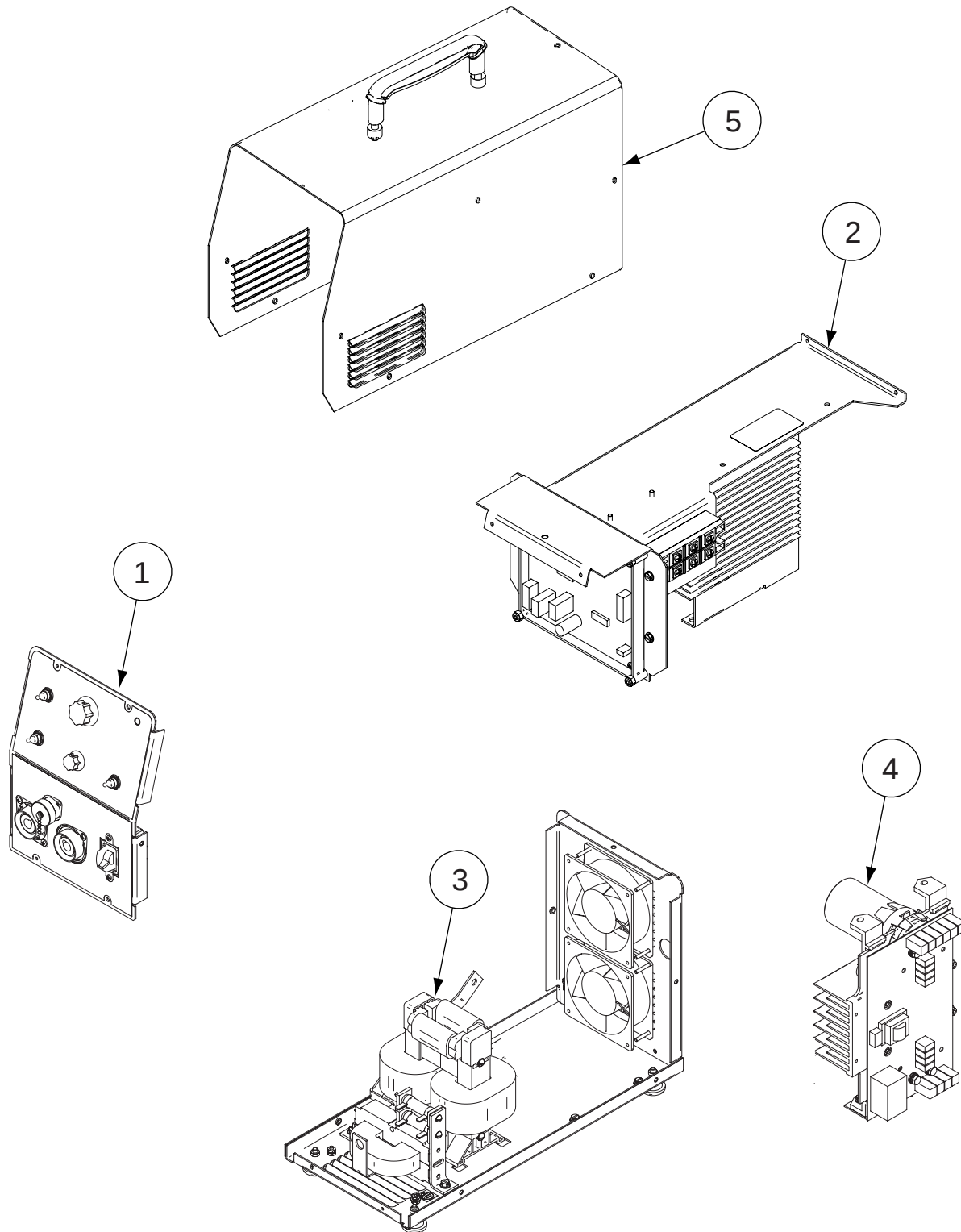
PARTS LIST FOR

Red-D-Arc ES 275i

RED-D-ARC ES 275i



ILLUSTRATION OF SUB-ASSEMBLIES



Red-D-Arc ES 275i

For Code: 10994, 11166, 11223 & 11266

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.

[illegible]

NOTES

Index of Sub Assemblies

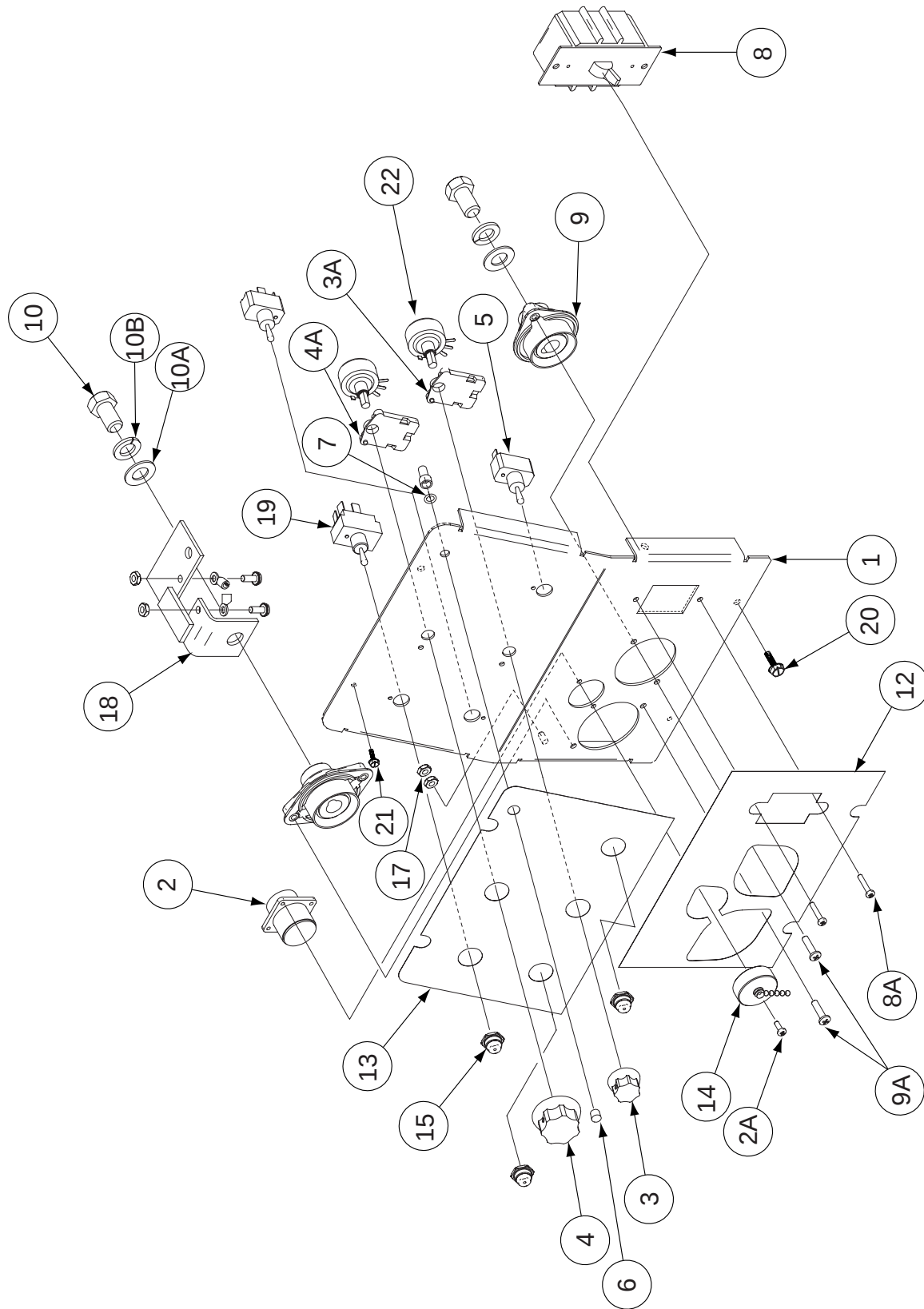
Index of Sub Assemblies

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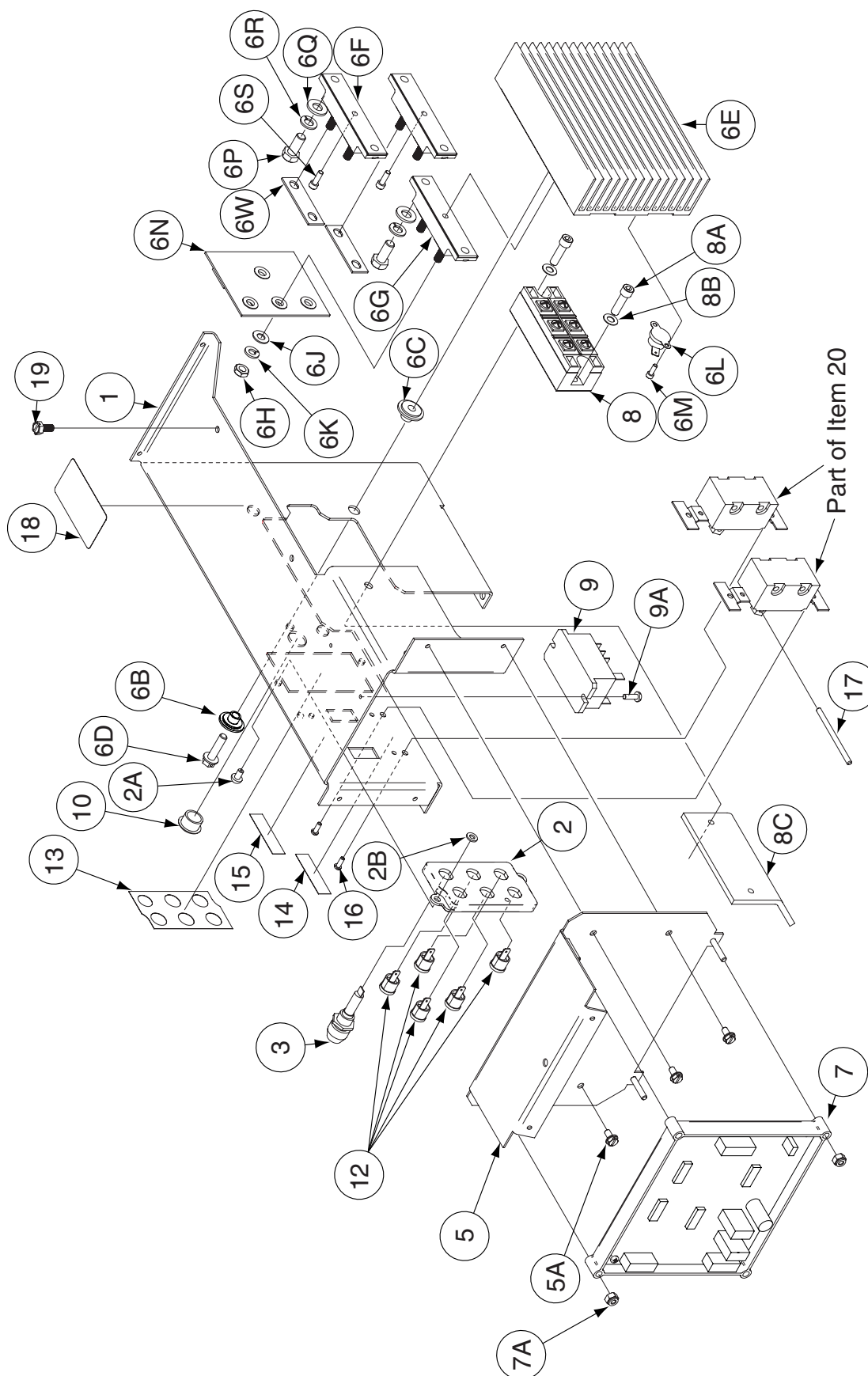
Case Front Assembly



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

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Center Assembly (For Codes 11223 & below)



Indicates a change this printing.

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

ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Center Panel	G4343	1	X	X							
2	Reconnect Panel	M19656	1	X	X							
2A	Rivet	T12584-7	2	X	X							
2B	Plain Washer	S9262-3	2	X	X							
3	Fuse Holder	S10433-1	1	X	X							
4	Fuse (Not Shown)	T10728-30	2	X	X							
5	Control Box	L11982	1	X	X							
5A	Self Tapping Screw	S8025-92	4	X	X							
6	Output Rectifier Assembly, (Includes 6B-6W)	L11974	1	X	X							
6B	Insulator	T11267-A	3	X	X							
6C	Insulator	T11267-B	3	X	X							
6D	Thread Forming Screw	S9225-17	3	X	X							
6E	Output Rectifier Heatsink	L11971	1	X	X							
6F	Diode Module Assembly	S25520-2	2	X	X							
6G	Diode Module Assembly	S25520-1	1	X	X							
6H	1/4-28 HJN	CF000060	6	X	X							
6J	Plain Washer	S9262-23	6	X	X							
6K	Lock Washer	E106A-2	6	X	X							
6L	Thermostat	T13359-12	1	X	X							
6M	Socket Head Cap Screw	T9447-61	2	X	X							
6N	Snubber PC Board Assembly	M19532-[]	1	X	X							
6P	1/4-20 x .625 HHCS	CF000013	6	X	X							
6Q	Plain Washer	S9262-23	6	X	X							
6R	Spring Washer	T12735-4	6	X	X							
6S	Socket Head Cap Screw	T9447-91	3	X	X							
6T	Plain Washer (Not Shown)	S9262-30	1	X	X							
6U	Lock Washer (Not Shown)	E106A-14	1	X	X							
6V	5/16-18 x .75 HHCS (Not Shown)	CF000040	1	X	X							
6W	Lead, Flat Copper	T14190-1	2	X	X							
7	Control PC Board Assembly	G4372-[]	1	X	X							
7A	#10-24 HLN-E1817/1-Nylon Insert	T9187-13	3	X	X							
8	Diode Bridge	M15454-8	1	X	X							
8A	Socket Head Cap Screw	T9447-10	2	X	X							
8B	Pressure Washer	T12735-4	2	X	X							
8C	Input Diode Heatsink	M20155	1	X	X							
9	DC Relay	S15122-12	1	X	X							
9A	Self Tapping Screw	S8025-98	2	X	X							
10	Bushing	T12380-3	1	X	X							
11	M.O.V. Assembly (Not Shown)	S18491-1	1	X	X							
12	Receptacle	T14530-1	5	X	X							
13	Decal (Reconnect) (G4364-3)	G4364	1	X	•							
13	Decal (Reconnect) (G4738-3)	G4738	1	•	X							

Note: When ordering new printed circuit boards indicate the dash number [] of the "Old" board that is to be replaced. This will aid Lincoln in supplying the correct and latest board along with any necessary jumpers or adapters. The dash number brackets [] have purposely been left blank so as to eliminate errors, confusion and updates.



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NOTES

Index of Sub Assemblies

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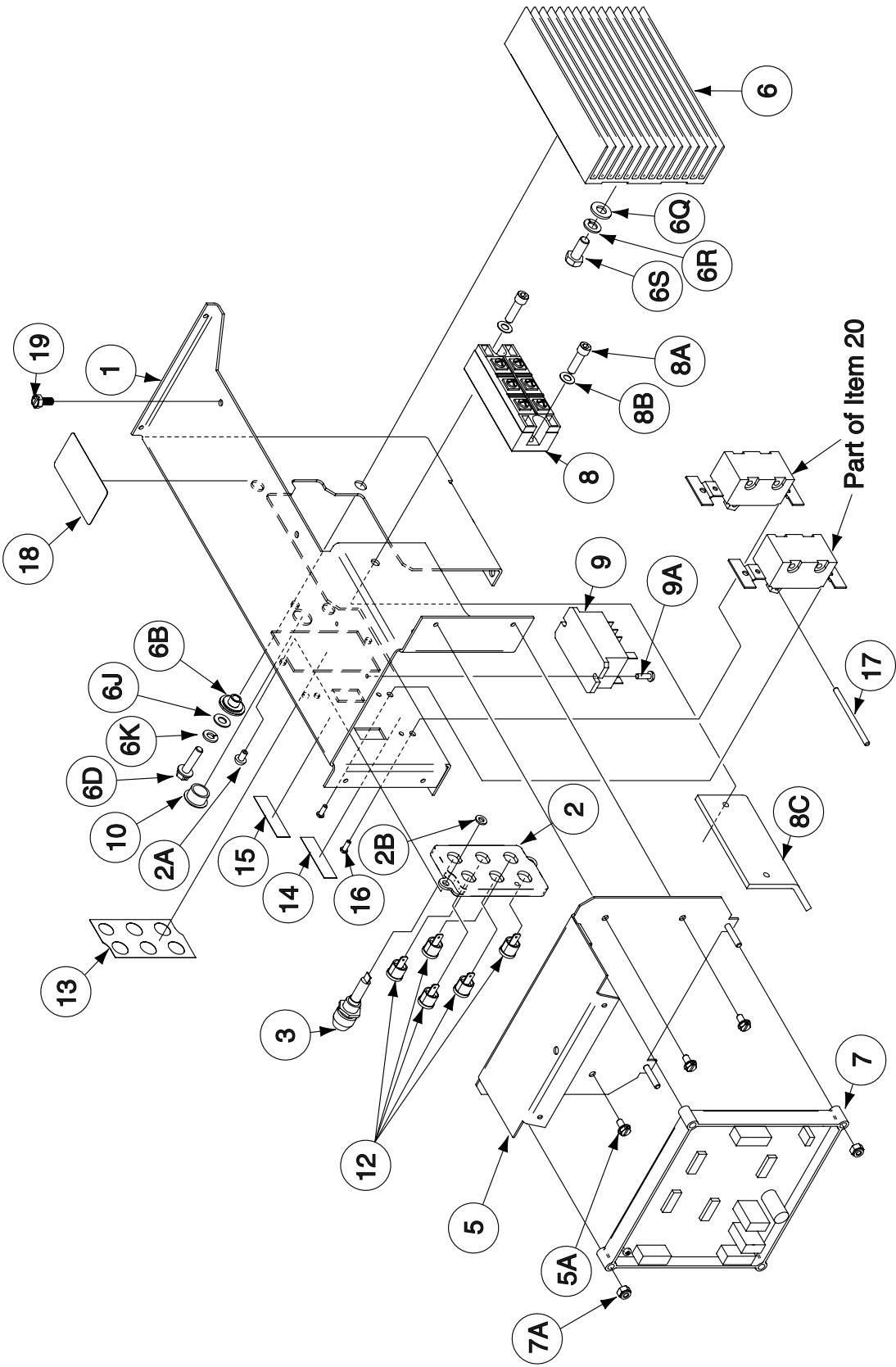
Index of Sub Assemblies

Index of Sub Assemblies

RED-D-ARC ES 275i



Center Assembly (For Codes 11266 & Above)



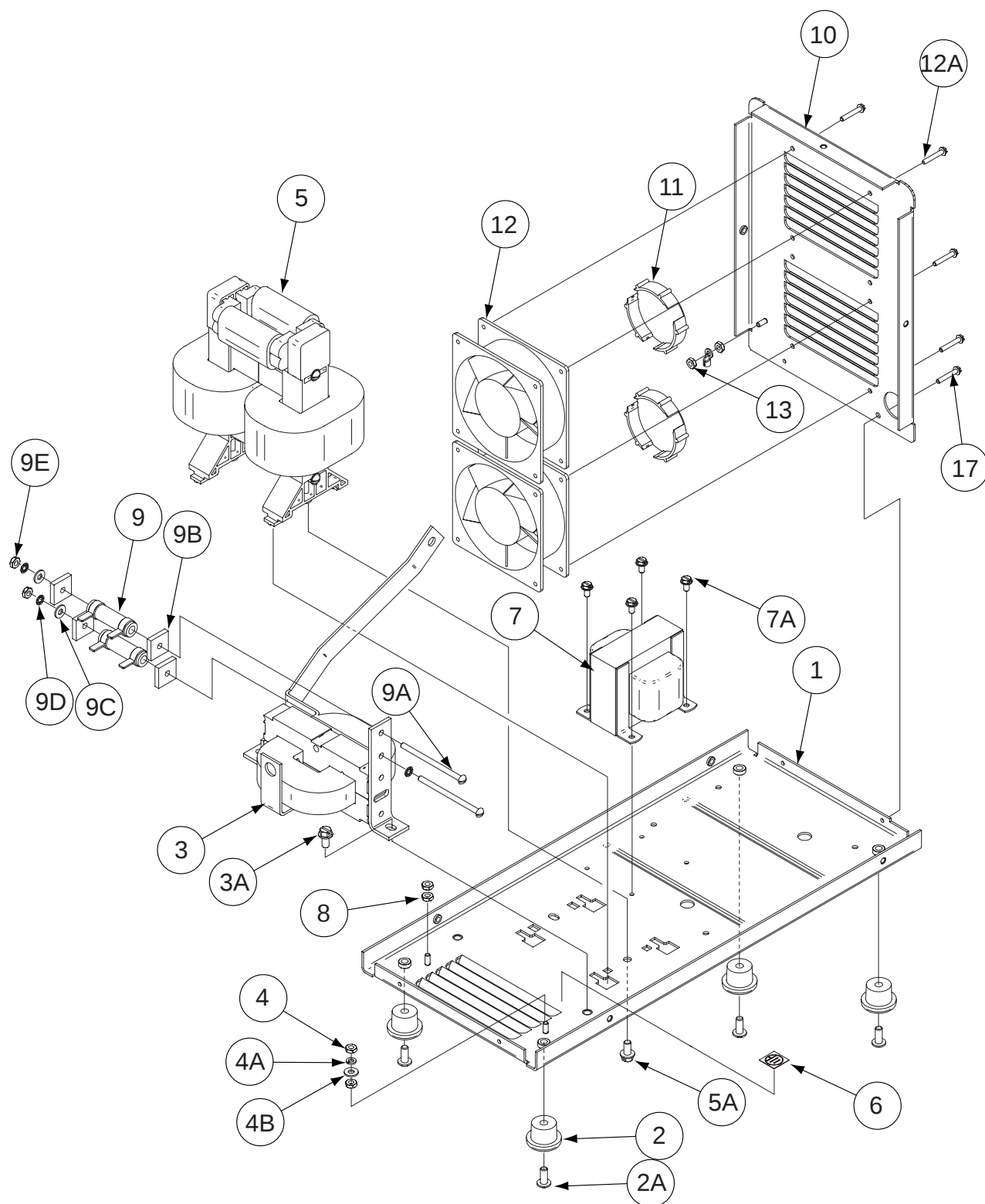
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ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Center Panel	G4343	1	X								
2	Reconnect Panel	M19656	1	X								
2A	Rivet	T12584-7	2	X								
2B	Plain Washer	S9262-3	2	X								
3	Fuse Holder	S10433-1	1	X								
4	Fuse (Not Shown)	T10728-30	2	X								
5	Control Box	L11982	1	X								
5A	Self Tapping Screw	S8025-92	4	X								
6	Output Rectifier Potted PC Board Assembly,	M20523-[]	1	X								
6B	Insulator	T11267-A	3	X								
6D	1/4-20 x 1.50 HHCS	CF000141	3	X								
6J	Plain Washer	S9262-98	3	X								
6K	Lock Washer	E106A-2	3	X								
6Q	Plain Washer	S9262-23	4	X								
6R	Lock Washer	E106A-2	4	X								
6S	1/4-20 x .500 HHCS	CF000012	4	X								
7	Control PC Board Assembly	G4372-[]	1	X								
7A	#10-24 HLN-E1817/1-Nylon Insert	T9187-13	3	X								
8	Diode Bridge	M15454-8	1	X								
8A	Socket Head Cap Screw	T9447-10	2	X								
8B	Pressure Washer	T12735-4	2	X								
8C	Input Diode Heatsink	M20155	1	X								
9	DC Relay	S15122-12	1	X								
9A	Self Tapping Screw	S8025-98	2	X								
10	Bushing	T12380-3	1	X								
11	M.O.V. Assembly (Not Shown)	S18491-1	1	X								
12	Receptacle	T14530-1	5	X								
13	Decal (Reconnect) (G4738-3)	G4738	1	X								
14	Decal (Low Voltage) (G4738-6)	G4738	1	X								
15	Decal (High Voltage) (G4738-7)	G4738	1	X								

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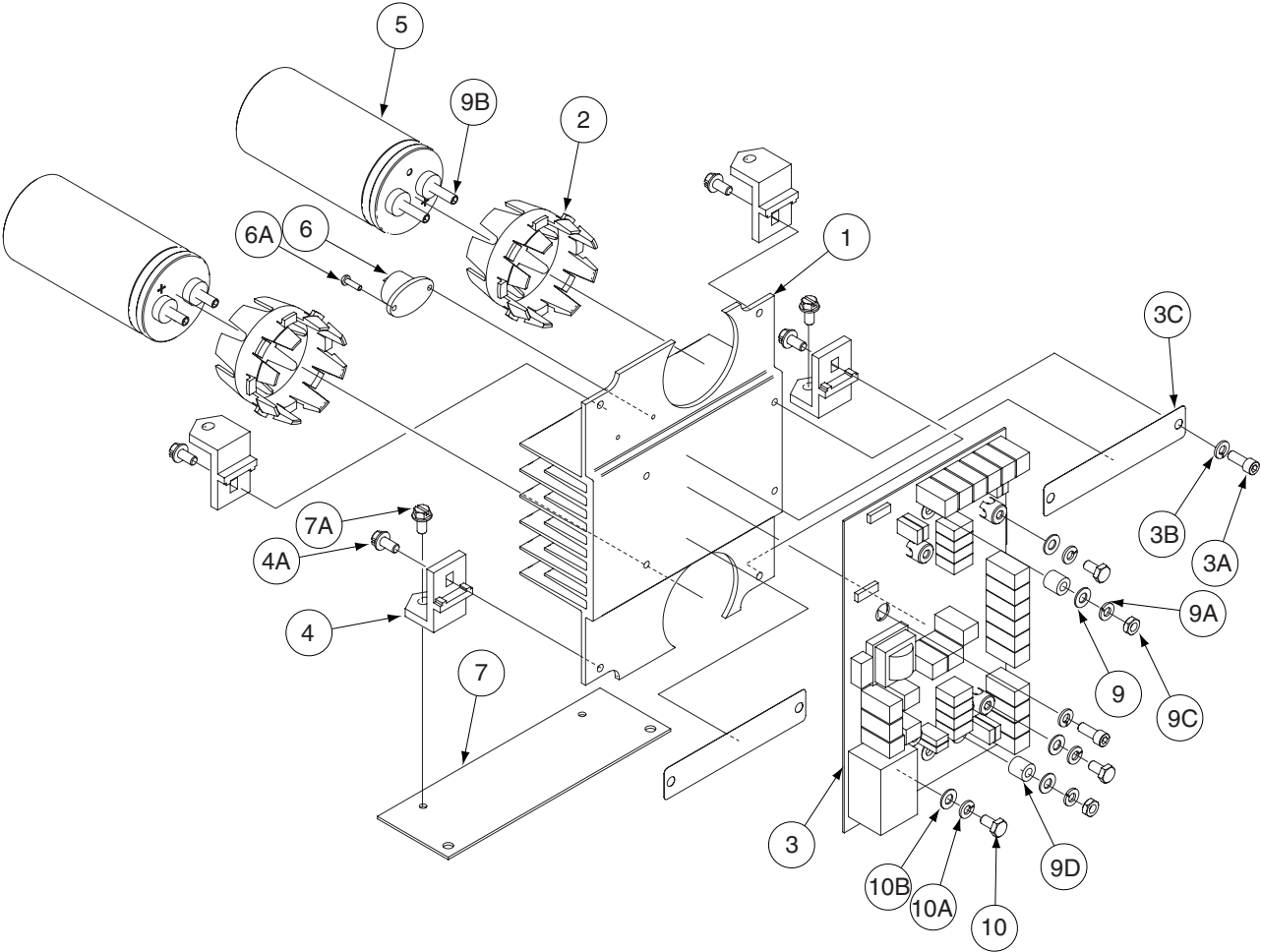
Base Assembly & Case Back Assembly



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

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Switch Board Heat Sink Assembly (For Codes 11166 & Below)



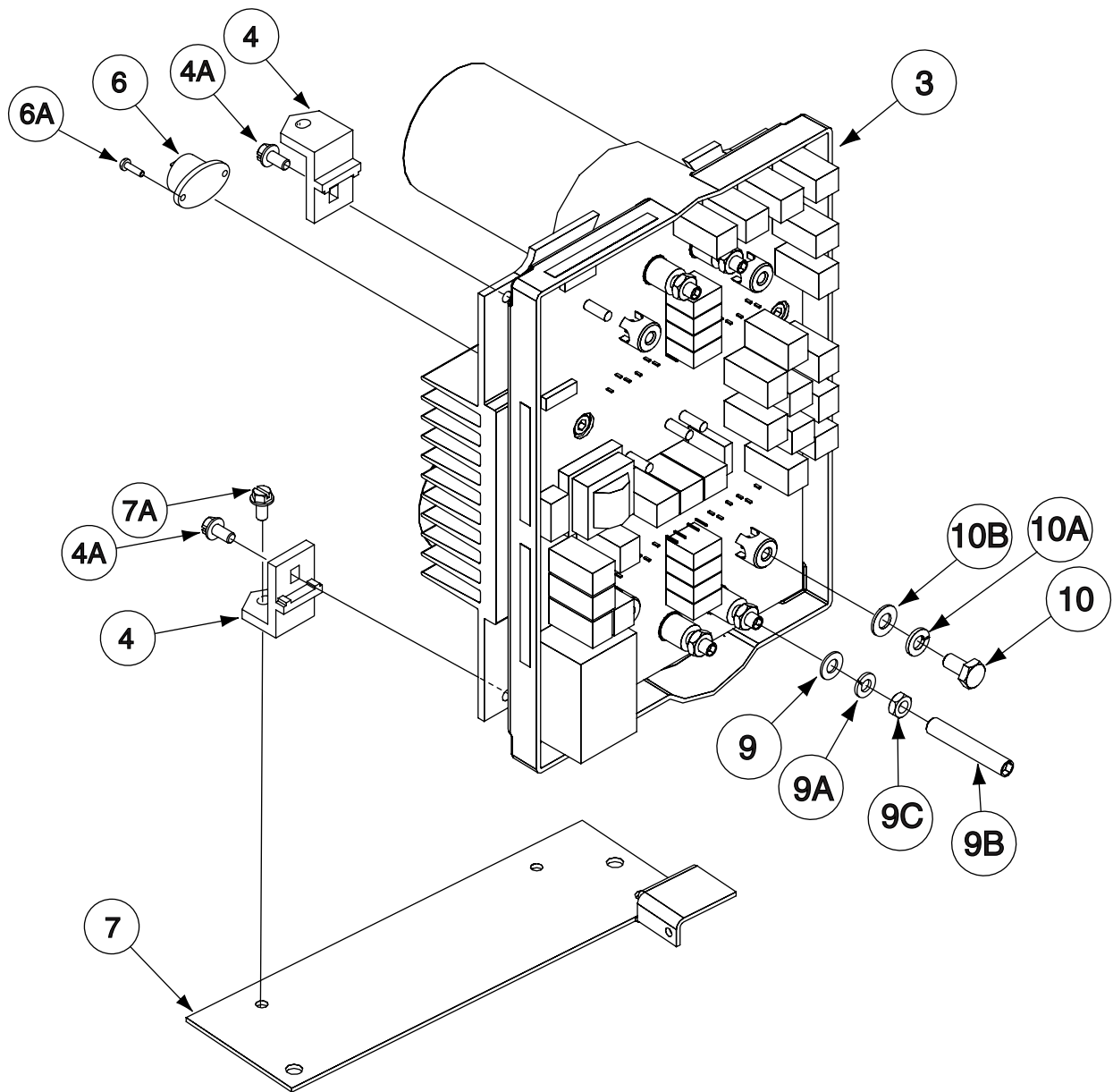
Indicates a change this printing.

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

ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
1	Switch Board Heatsink	L11970	1	X								
2	Capacitor Bracket	M19144	2	X								
3	Switch PC Board Assembly	G4385-[]	1	X								
3A	Socket Head Cap Screw	T9447-9	4	X								
3B	Lock Washer	E106A-2	4	X								
3C	Thermal Interface Pad	S25347-2	2	X								
4	Heatsink Holder	S22168	4	X								
4A	Thread Forming Screw	S9225-8	4	X								
5	Capacitor	S13490-169	2	X								
6	Thermostat & Holder Assembly	S24360	1	X								
6A	Self Tapping Screw	S8025-62	2	X								
7	Switch Board Bracket	M20146	1	X								
7A	Thread Forming Screw	S9225-8	2	X								
8	Twisted Lead Assembly (not Shown)	S19222-31	1	X								
9	Plain Washer	S9262-23	4	X								
9A	Lock Washer	E106A-2	4	X								
9B	Set Screw	S11604-52	4	X								
9C	1/4-20 HJN	CF000060	4	X								
9D	Copper Spacer	S23730	4	X								
10	1/4-20 x .50 HHCS	CF000012	5	X								
10A	Lock Washer	E106A-2	5	X								
10B	Plain Washer	S9262-23	5	X								

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Switch Board Heat Sink Assembly (For Codes 11223 & Above)



Indicates a change this printing.

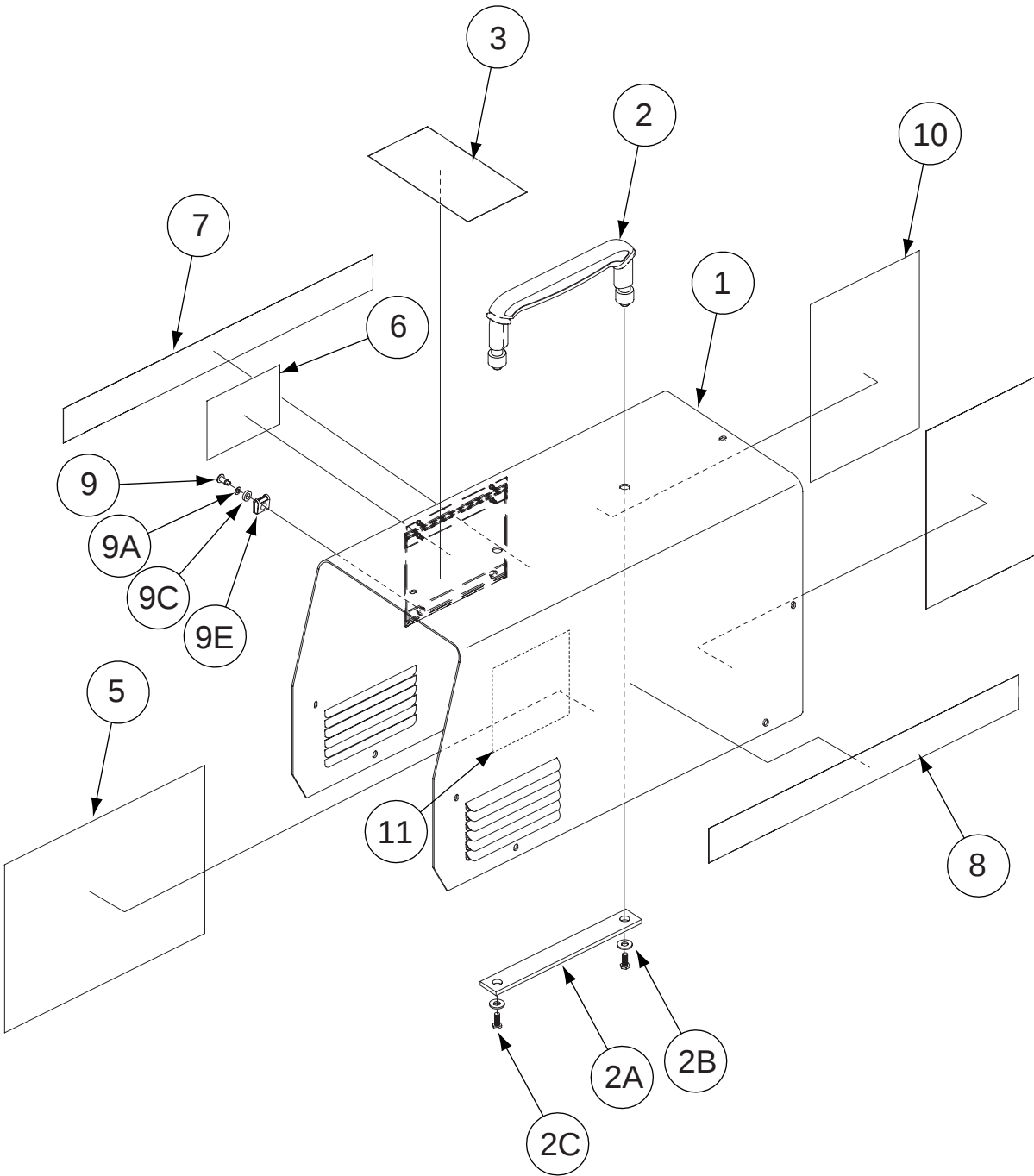
Use only the parts marked "x" in the column under the heading number called for in the model index page.

ITEM	DESCRIPTION	PART NO.	QTY.	1	2	3	4	5	6	7	8	9
3	Switch PC Board Potted Assembly	G4385-[]	1	X								
4	Heatsink Holder	S22168	4	X								
4A	Thread Forming Screw	S9225-8	4	X								
6	Thermostat & Holder Assembly	S24360	1	X								
6A	Self Tapping Screw	S8025-62	2	X								
7	Switch Board Bracket	M20146	1	X								
7A	Thread Forming Screw	S9225-8	2	X								
8	Twisted Lead Assembly (not Shown)	S19222-31	1	X								
9	Plain Washer	S9262-23	4	X								
9A	Lock Washer	E106A-2	4	X								
9B	Set Screw	S11604-52	4	X								
9C	1/4-20 HJN	CF000060	4	X								
10	1/4-20 x .50 HHCS	CF000012	5	X								
10A	Lock Washer	E106A-2	5	X								
10B	Plain Washer	S9262-23	5	X								

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Wraparound Assembly



NOTES

