

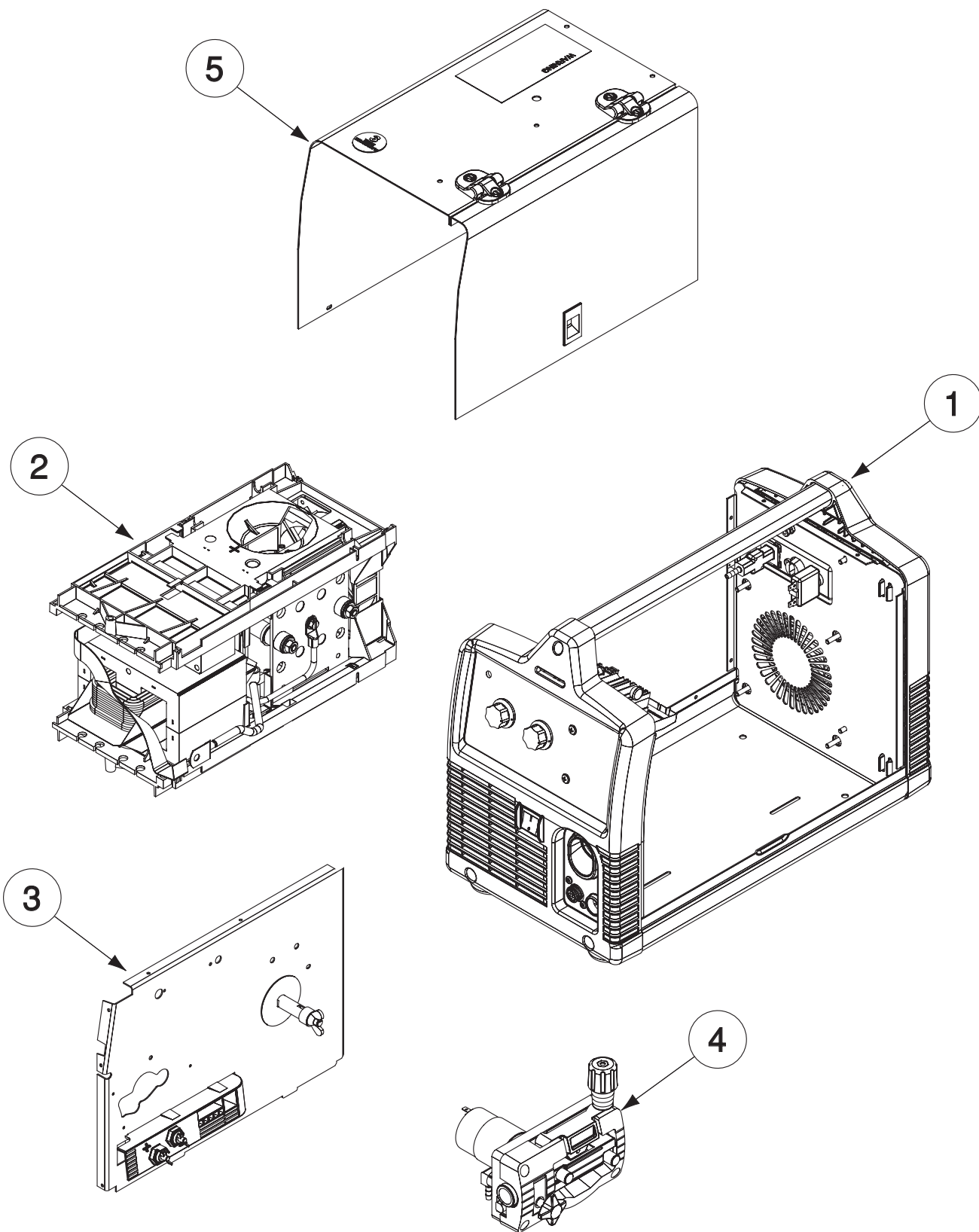
PARTS LIST FOR

POWER MIG[®]

(140, 180 MODELS)

POWER MIG[®] (140, 180 MODELS)

ILLUSTRATION OF SUB-ASSEMBLIES



POWER MIG® (140, 180 Models)

For Codes: 11254, 11255, 11256, 11257, 11444, 11804, 11819 & 11820

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.			1	2	3	4	5		
SUB ASSEMBLY PAGE NAME	Optional Equipment Listing	Miscellaneous Items	General Assembly	Power Module Assembly	Center Panel Assembly	Wire Drive Assembly	Wraparound & Door Assembly	Magnum 100 L Gun & Cable (K530-6)	Magnum Pro 100 L Gun & Cable (K3080-1)
PAGE NO.	P-533-B.1	P-533-B.2	P-533-C	P-533-D	P-533-E	P-533-F	P-533-G	P-202-E2	P-202-AJ
CODE NO.									
11254 (140 Amp)		1	1	1	1	1	1	1	•
11255 (140 Amp)		1	5	1	1	1	2	1	• #
11256 (180 Amp)		2	1	2	1	1	1	1	•
11257 (180 Amp)		2	1	2	1	1	2	1	•
11444 (180 Amp)		3	1	2	2	1	3	1	•
11804 (140 Amp)		4	4	3	3	1	2	•	1
11819 (140 Amp)		4	2	1	3	1	2	•	1
11820 (180 Amp)		5	3	2	3	1	2	•	1

OPTIONAL EQUIPMENT LISTING

Miscellaneous Options Available for your machine are listed below:

Indicates a change this printing.

DESCRIPTION	PART NUMBER
Spot Timer Kit	Order K2525-1
.045 Innershield Kit	Order K2528-1
Deluxe Adjustable Gas Regulator & Hose Kit (Codes 11254,11255,11256 & 11257)	Order K586-1
Welding Cart	Order K2275-1
Utility Cart	Order K520-1
Spool Gun Kit	Order K2532-1
.025 Smooth Drive Roll Kit	Order KP2529-1
.035 Smooth Drive Roll Kit	Order KP2529-2
.030/.045 Knurled Drive Roll Kit	Order KP2529-3
.025/.035 Steel Wire Guide Kit	Order KP2531-1
.045 Steel Wire Guide Kit	Order KP2531-2

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.

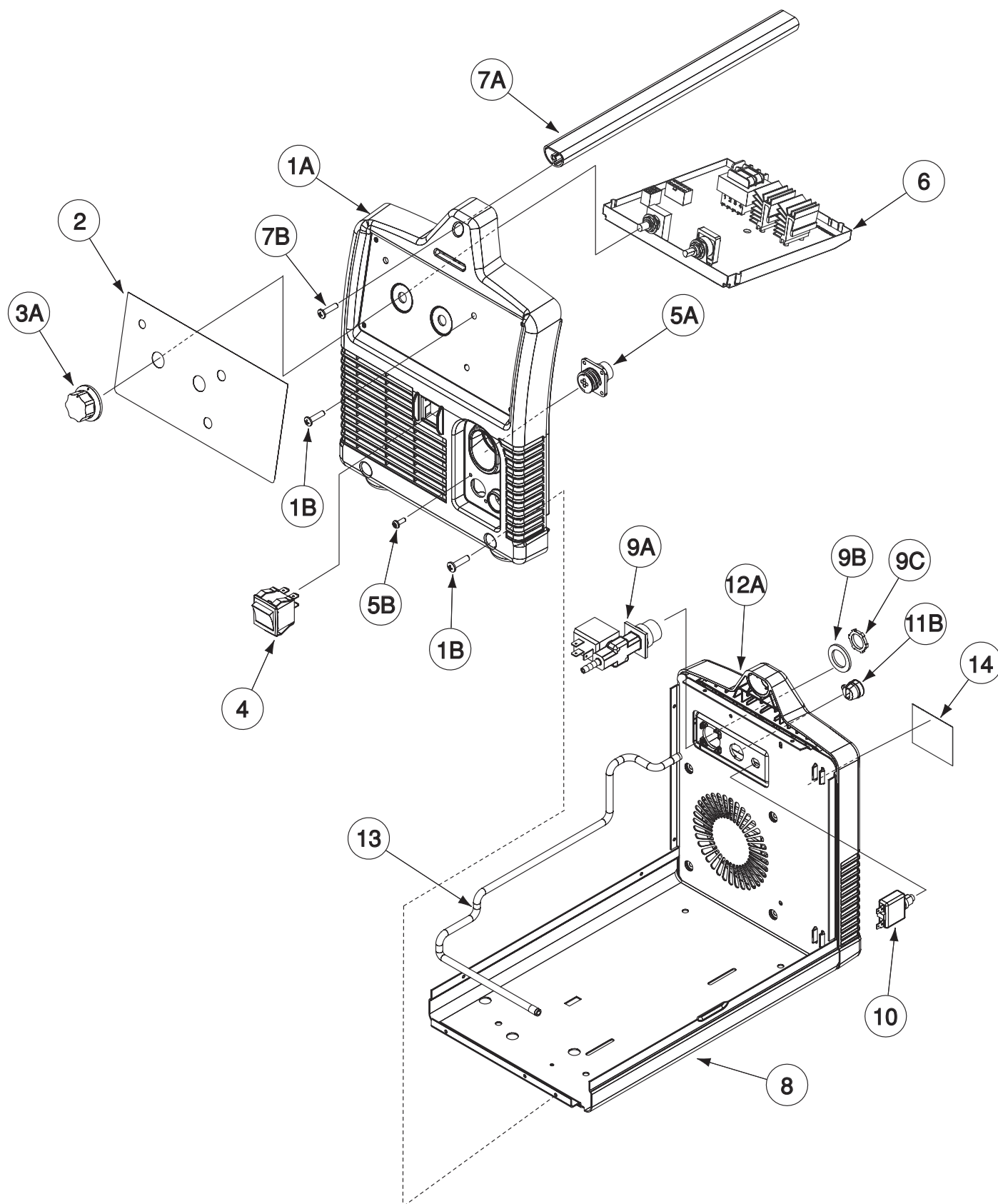
[illegible]

* Deluxe version available as K586-1. Includes S19303 Gas Hose Asbly

05-25-2011



General Assembly



POWER MIG® (140, 180 MODELS)

05-25-2011



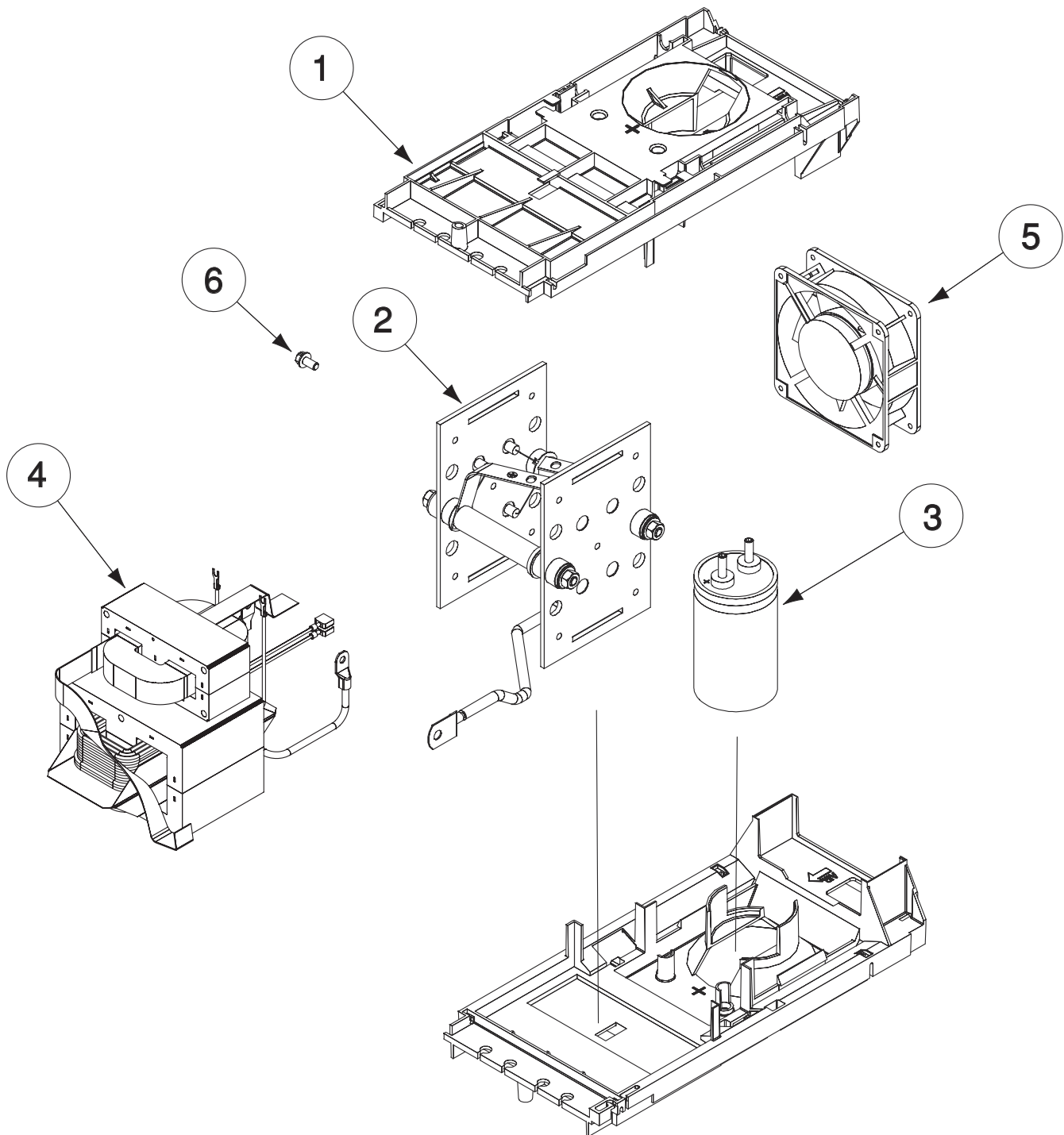
Indicates a change this printing.

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
1A	Case Front	G4812-1	1	X	X	X	X	X				
1B	Thread Forming Screw	S9225-63	4	X	X	X	X	X				
2	Nameplate (Code 11254)	L12398-2	1	X	•	•	•	•				
2	Nameplate (Code 11255)	L12398-4	1	•	•	•	•	X				
2	Nameplate (Code 11256)	L12398-3	1	X	•	•	•	•				
2	Nameplate (Codes 11257 & 11444)	L12398-5	1	X	•	•	•	•				
2	Nameplate (Codes 11804 & 11819)	L13921-1	1	•	X	•	X	•				
2	Nameplate (Code 11820)	L13921-2	1	•	•	X	•	•				
3A	Knob	S18425-1	2	X	X	X	X	X				
3B	Nut (Not Shown)	T10940-10	As Req	X	X	X	X	X				
3C	Self Tapping Screw (Not Shown)	S8025-96	2	X	X	X	X	X				
3D	Lock Washer (Not Shown)	T9695-5	2	•	X	X	X	•				
4	Switch	T10800-59	1	X	X	X	X	X				
5A	Square Flange Female Receptacle (Part of Plug & Lead Asbly)	S18657	1	X	X	X	X	X				
5B	Self Tapping Screw	S8025-96	2	X	X	X	X	X				
6	Control P.C. Board (Code 11254 & 11256)	L12450-[]	1	X	•	•	•	X				
6	Cntrl P.C. Bd (Codes 11255,11257,11444,11804,11819 & 11820)	L12230-[]	1	X	X	X	X	X				
7A	Handle	M20483	1	X	X	X	X	X				
7B	Thread Forming Screw	S9225-63	2	X	X	X	X	X				
8	Case Back & Bottom	G4718	1	X	X	X	X	X				
9A	Solenoid Assembly	M17294-8	1	X	X	X	X	X				
9B	Plain Washer	S9262-149	1	X	X	X	X	X				
9C	Lock Nut	T14370-1	1	X	X	X	X	X				
10	Circuit Breaker	T12287-21	1	X	•	X	•	•				
10	Circuit Breaker	T12287-40	1	•	X	•	X	X				
11A	Power Cord (Not Shown) (Codes 11254, 11255 & 11819)	S25563-3	1	X	X	•	•	X				
11A	Power Cord (Not Shown) (Codes 11256, 11257 & 11820)	S15599-2	1	X	•	X	•	X				
11A	Power Cord (Not Shown) (Code 11444)	S19836-7	1	X	•	•	•	X				
11A	Power Cord (Not Shown) (Code 11804)	S25563-1	1	•	•	•	X	•				
11B	Lead Grommet (Codes 11254,11255,11256,11257,11804,11819 & 11820)	T9274-11	1	X	X	X	X	X				
11B	Lead Grommet (Code 11444)	S19999-2	1	X	•	•	•	X				
12A	Case Back (Codes 11254,11255,11256,11257,11804,11819&11820)	G4813	1	X	X	X	X	X				
12A	Case Back Panel (Code 11444)	G4813-1	1	X	•	•	•	X				
12B	Self Tapping Screw (Not Shown)	S8025-101	4	X	X	X	X	X				
13	Gas Hose	T10642-217	1	X	X	X	X	X				
14	Rating Decal (Codes 11254, 11255, 11804 & 11819)	S26499-2	1	X	X	•	X	X				
14	Rating Decal (Codes 11256, 11257 & 11820)	S26499-3	1	X	•	X	•	•				
14	Rating Decal (Code 11444)	S26499-5	1	X	•	•	•	•				
	Grounding Screw Mounting Hardware:											
16A	Thread Forming Screw (Not Shown)	S9225-63	1	X	•	•	•	X				
16A	Thread Forming Screw (Not Shown)	S9225-76	1	•	X	X	X	•				
16B	#10-24 HN (Not Shown)	CF000010	2	X	X	X	X	X				
16C	Lock Washer (Not Shown)	T9695-1	1	X	X	X	X	X				
	Hardware to Secure Leads to Ground Screw:											
17A	#10-24 HN (Not Shown)	CF000010	1	X	X	X	X	X				
17B	Lock Washer (Not Shown)	E106A-1	1	X	X	X	X	X				
17C	Plain Washer (Not Shown)	S9262-27	1	X	X	X	X	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.

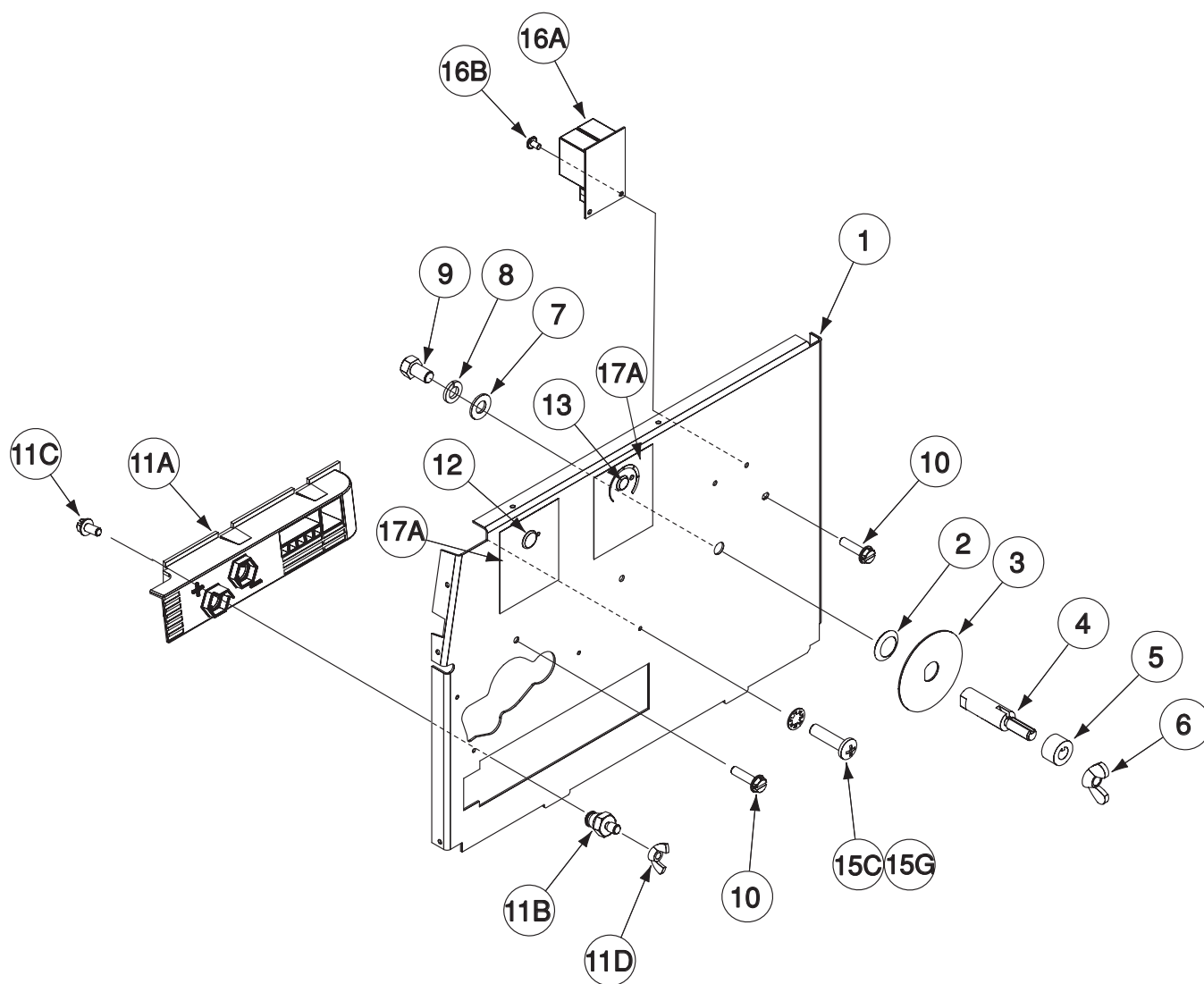
Power Module Assembly



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

[illegible]

Center Panel Assembly



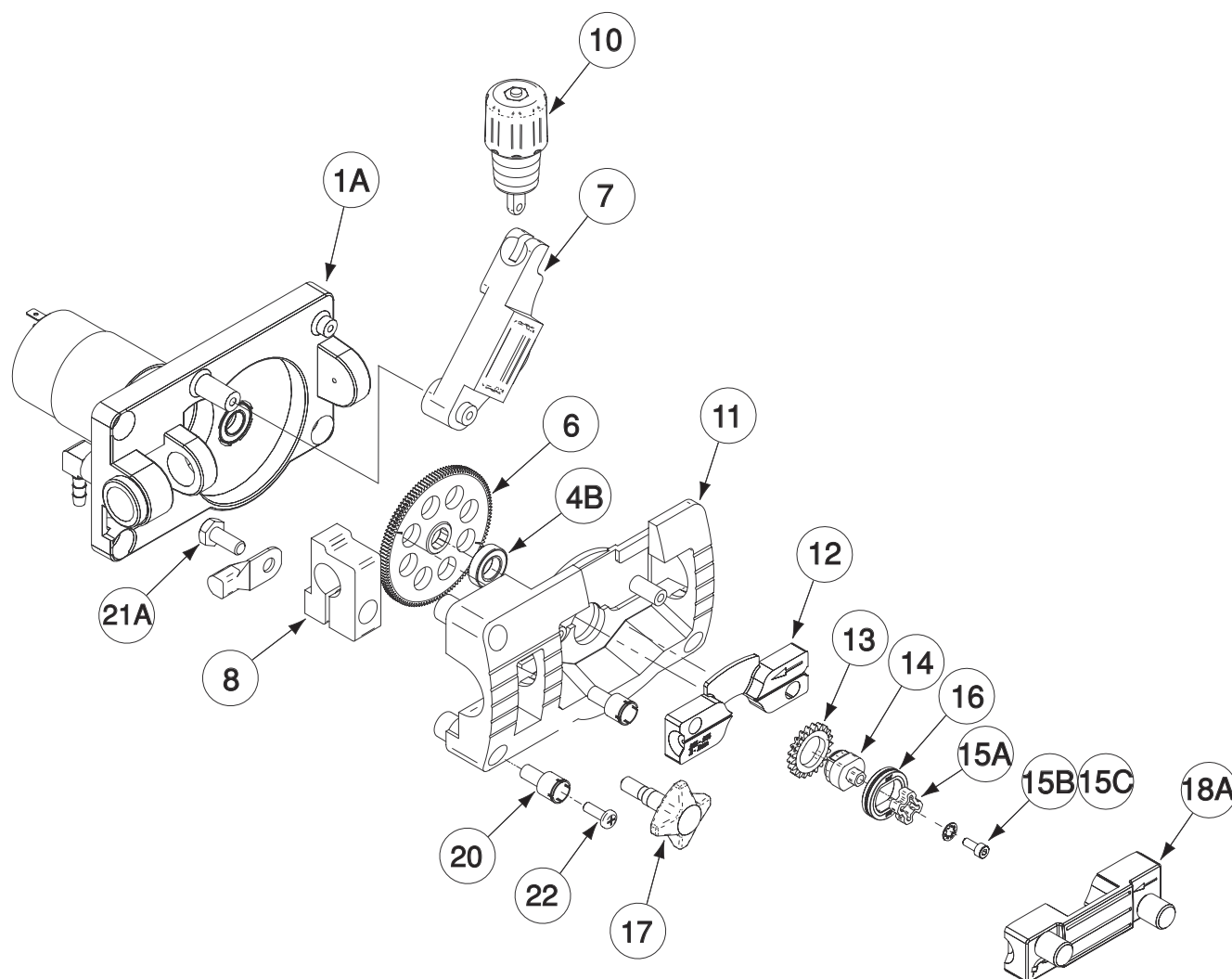
Indicates a change this printing.

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 Assembly, Includes:	L12322	1	X	•	X						
1	Center Panel Assembly, Includes:	L12322-2	1	•	X	•						
1	Center Panel	L12321	1	X	•	X						
1	Center Panel	L12321-1	1	•	X	•						
2	Bow Washer	T10781-10	1	X	X	X						
3	Wear Plate	S18423-1	1	X	X	X						
4	Spindle Shaft	S24227	1	X	X	X						
5	Spindle Spacer	S24226	1	X	X	X						
6	Wing Nut	T9968-5	1	X	X	X						
7	Plain Washer	S9262-120	1	X	X	X						
8	Lock Washer	E106A-16	1	X	X	X						
9	3/8-16 x .625 HHCS	CF000018	1	X	X	X						
10	Self Tapping Screw (Secures Center Panel to Chassis)	S8025-101	6	X	X	X						
11A	Polarity Panel	L12555-1	1	X	X	X						
11B	Output Stud	S25937	2	X	X	X						
11C	1/4-20 x .50 HHCS	CF000012	2	X	X	X						
	Plain Washer (Not Shown)	S9262-23	2	X	X	X						
	Lock Washer (Not Shown)	E106A-2	2	X	X	X						
11D	Wing Nut	T9968-6	2	X	X	X						
12	Plug Button	T10397-3	1	X	X	X						
13	Plug Button	T10397-19	1	X	X	X						
15A	By-Pass Assembly (Refer to Wiring Diagram)	S22969-4	1	•	X	•						
15B	Ground Screw Asbly, Includes:	S18922-8	1	•	X	•						
15C	Thread Forming Screw	S9225-63	1	•	X	•						
15D	Plain Washer (Not Shown)	S9262-27	2	•	X	•						
15E	#10-24 HN (Not Shown)	CF000010	2	•	X	•						
15F	Lock Washer (Not Shown)	E106A-1	1	•	X	•						
15G	Lock Washer	T9695-1	1	•	X	•						
16A	By-Pass P.C. Board	L10882-[]	1	•	X	•						
16B	Sems Screw	T10082-27	2	•	X	•						
17A	Spot Timer & Spool Gun Decal (Not Shown) (Includes -A & -B)	T13086-200	1	X	X	•						
17A	Spot Timer & Spool Gun Decal (Not Shown) (Includes -A & -B)	T13086-213	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.

Wire Drive Assembly

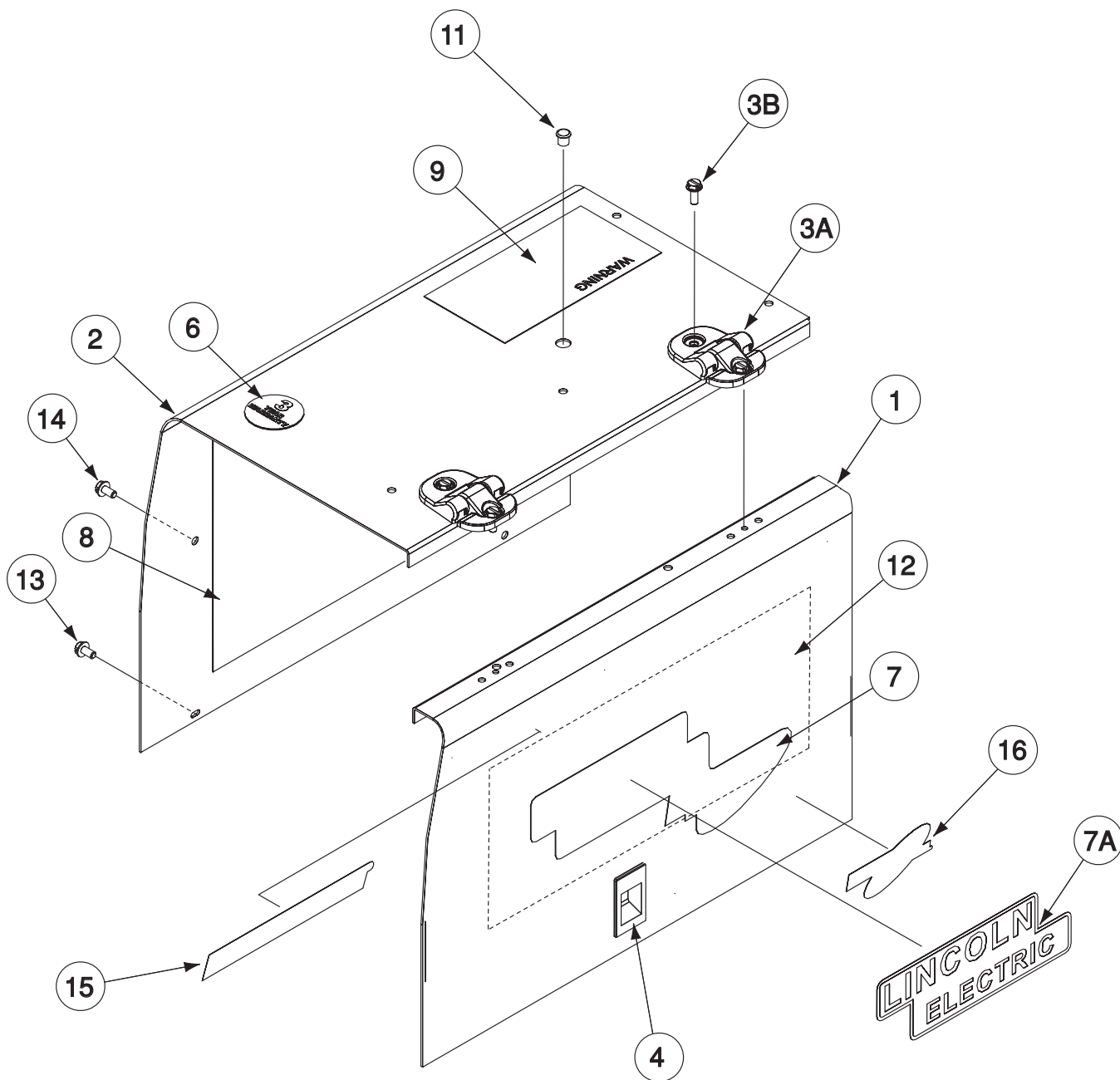


Indicates a change this printing.

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

[illegible]

Wraparound & Door Assembly



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
	Wraparound & Door Asbly, (M20452-3) Includes:	NSS	1	X	X	X						
1	Door	L12320-1	1	X	X	X						
2	Case Side	G4719-1	1	X	X	X						
3A	Hinge (Includes S25898-2)	S25898-1	2	X	X	X						
3B	Self Tapping Screw	S8025-92	4	X	X	X						
4	Door Latch	S21033	1	X	X	X						
6	Warranty Decal	S22127-1	1	X	X	X						
7	Side Decal	T13086-172	2	X	•	•						
7A	Logo Decal	S27368-2	2	•	X	X						
8	Wiring Diagram	M20410	1	X	X	•						
8	Wiring Diagram	M20410-2	1	•	•	X						
9	Warning Decal	M16196	1	X	X	•						
9	Warning Decal	M16196-3	1	•	•	X						
11	Plug Button	T10397-19	1	X	X	X						
12	Procedure Decal (Code 11254)	L12603-2	1	X	•	•						
12	Procedure Decal (Code 11255, 11804 & 11819)	L12603-4	1	•	X	•						
12	Procedure Decal (Code 11256)	L12603-3	1	X	•	•						
12	Procedure Decal (Codes 11257, 11444 & 11820)	L12603-5	1	•	X	X						
13	Self Tapping Screw	S8025-92	8	X	X	X						
14	Self Tapping Screw	S8025-101	2	X	X	X						
15	Family Name Decal	S27369-1	2	•	X	X						
16	Nascar Decal	S27370-2	2	•	X	X						

#

NOTES

Index of Sub Assemblies

Index of Sub Assemblies

Index of Sub Assemblies

Index of Sub Assemblies

POWER MIG® (140, 180 MODELS)

