



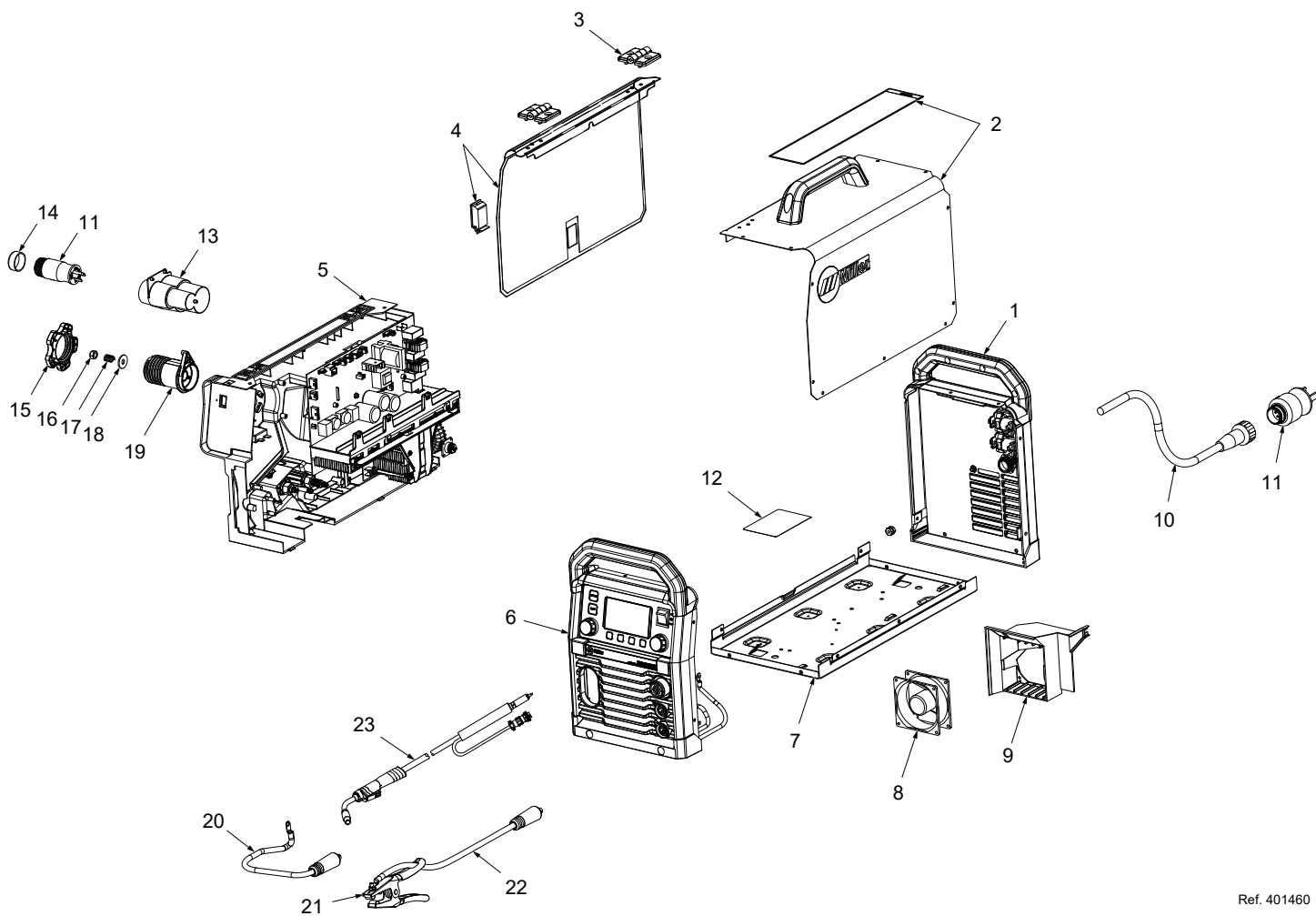
PM- 298867 A

Millermatic 211 PRO

Effective with Serial Number
NF268661N - ZZ222222R



PARTS MANUAL



Ref. 401460

Main Assembly

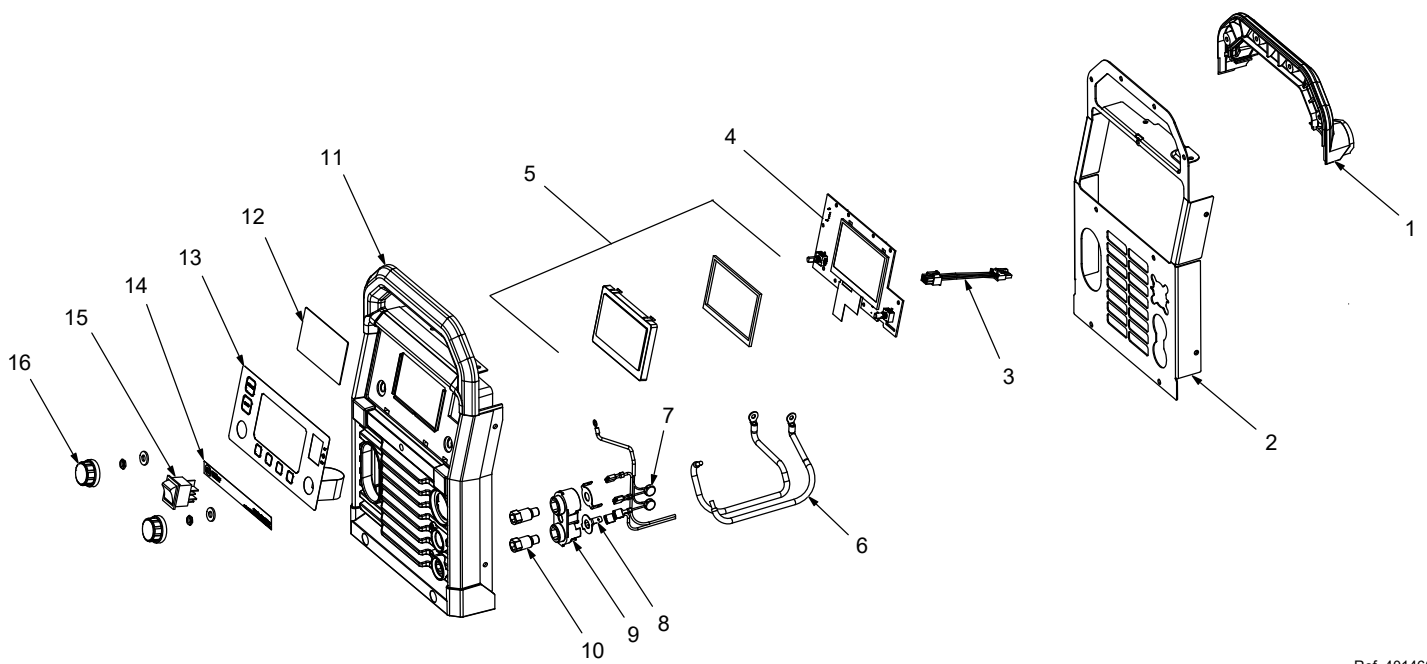
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1			Rear Panel Assembly (See following for subassembly information)	1
2		400117	↓ Kit, Wrapper w/Labels & Handle Millermatic 211 Pro	1
/			→ Wrapper	1
/		109844	→ Label, Miller 6.000 x 2.500 Horizontal	1
/		294218	→ Label, Side Name Millermatic 211 Pro	1
/		291550	→ Lbl, Warning Gnrl Precautionary (En/Sp/Fr)	1
/		292307	→ Handle Assy, Center	1
3		291606	↓ Kit, Hinges	1
/		286917	→ Hinge, Plastic	2
/		128237	→ Screw, 010-32 x .50 Hexwhd 40D Stl Pld Slffmg Tap-Rw	4
4		400110	↓ Kit, Door Access 211 Pro	1
/			→ Door, Access	1
/		109844	→ Label, Miller 6.000 x 2.500 Horizontal	1
/		294218	→ Label, Side Name Millermatic 211 Pro	1
/		204711	→ Latch, Slide Flush Snap Lock	1
/		299298	→ Label, Parameter/Consumable/Polarity MM211 Pro	1
5			Baffle Assembly (See following for subassembly information)	1
6			Front Panel Assembly (See following for subassembly information)	1
7		289103	Base	1
8	FM	296928	Fan, Muffin 24 Vdc 92 x 38mm 5400 Rpm	1
9		289689	Bracket, Fan	1
10		220916	Cable, Power 10 Ft 14Ga 3C Soow w/Spl Plug	1
11		219258	Adapter, Power Cable 6-50P (230V/50A)	1
11		219261	Adapter, Power Cable 5-15P (115V/15A)	1
12		293351	Label, Warning Electric Shock And Pinch (En/Fr/Sp)	1
13		291393	Holder, Adapter Mvp	1
14		295779	Plug, Protective Vinyl Dipped Rnd 1.188 Id x .5H	1
15		280091	Nut, Hub	1
16		204608	Nut, 312-18 .50Hex .34H Stl Pld Elastic Stop Nut	1
17		225257	Spring, Cprsn .467 Od x .060 Wire x .700 Pld	1
18		203072	Washer, Flat .331 Id x 0.945 Od x .079T Stl Pld	1
19		265004	Hub, Spool	1
20		272921	Lead Assy, Drive Polarity	1
21		297399	Clamp, Work 200 Amp	1
22		295522	Work Cable w/25mm Dinse 6AWG-15Ft	1
23		1770029	MDX 100, 15 Ft	1

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

+ When ordering a component originally displaying a precautionary label, the label should also be ordered.

Hardware is common and not available unless listed.

To maintain the factory original performance of your equipment, use only Manufacturer's Suggested Replacement Parts. Model and serial number required when ordering parts from your local distributor.



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Front Panel Assembly

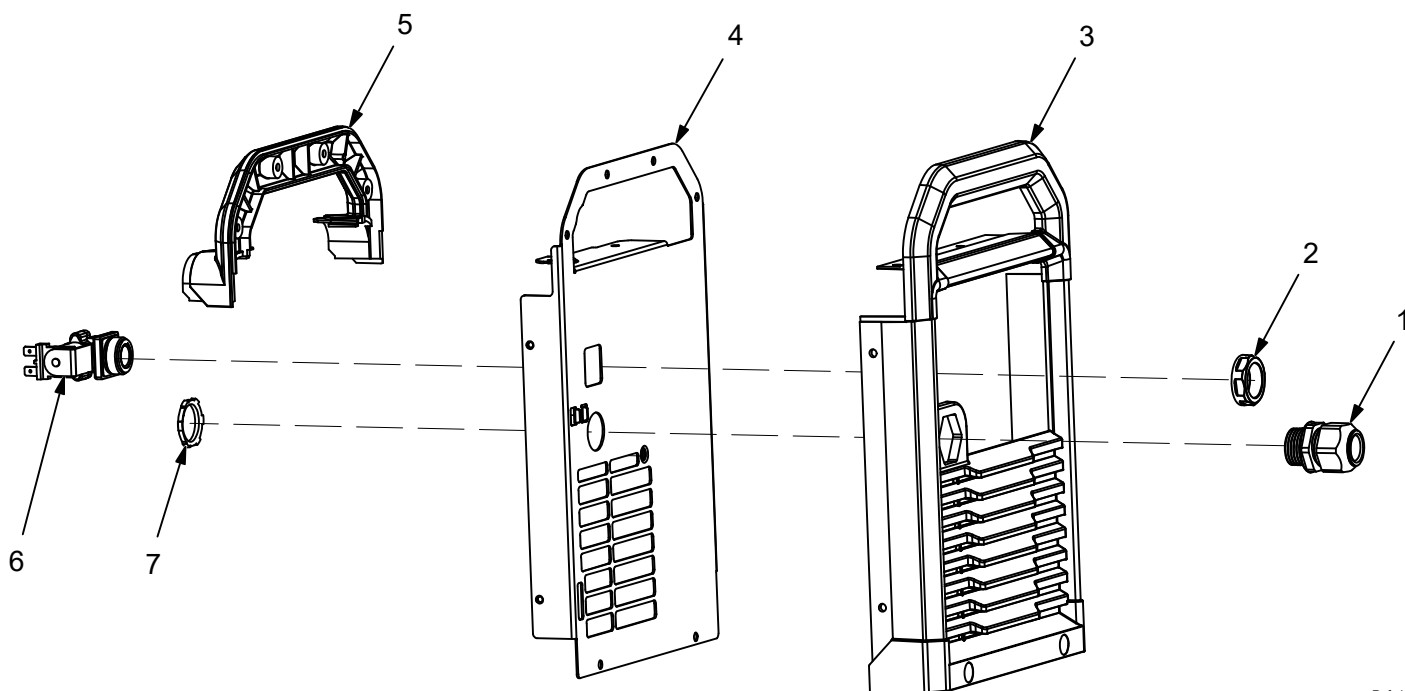
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		289170	Bezel, Handle Cover	1
2		289104	Panel, Front	1
3		296677	Harness, UI Wrg Unit Small Frame	1
4	PC2	400118	Kit, Millermatic 211 & 215 Pro UI Board	1
5		401813	Lens, Front Panel w/Gasket	1
6		272917	Lead List, Large (+/- Output)	2
7		296511	Capacitor, w/Lead	1
8		296456	Connector, Faston 1/4 Ring w/90 Deg Bend .406 Id	2
9		295464	Insulator, Bulkhead 25mm Double	1
10		272413	Rcpt, Tw Lk Brass Power Female	2
11		289637	Bezel, Front Millermatic 211 Pro	1
12		296643	Lens Cover, Replaceable 211/215 Pro	1
13		296003	Membrane, Switch Control 211/215 Pro	1
14		296319	Label, Beltline Nameplate Millermatic 211	1
15	S1	274191	Switch, Rocker Dpst 20A 250Vac On-Off Balk Panel Mtg	1
16		292399	Knob, 1.250 Dia x 6mm Id w/Spring.Print	2

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Rear Panel Assembly

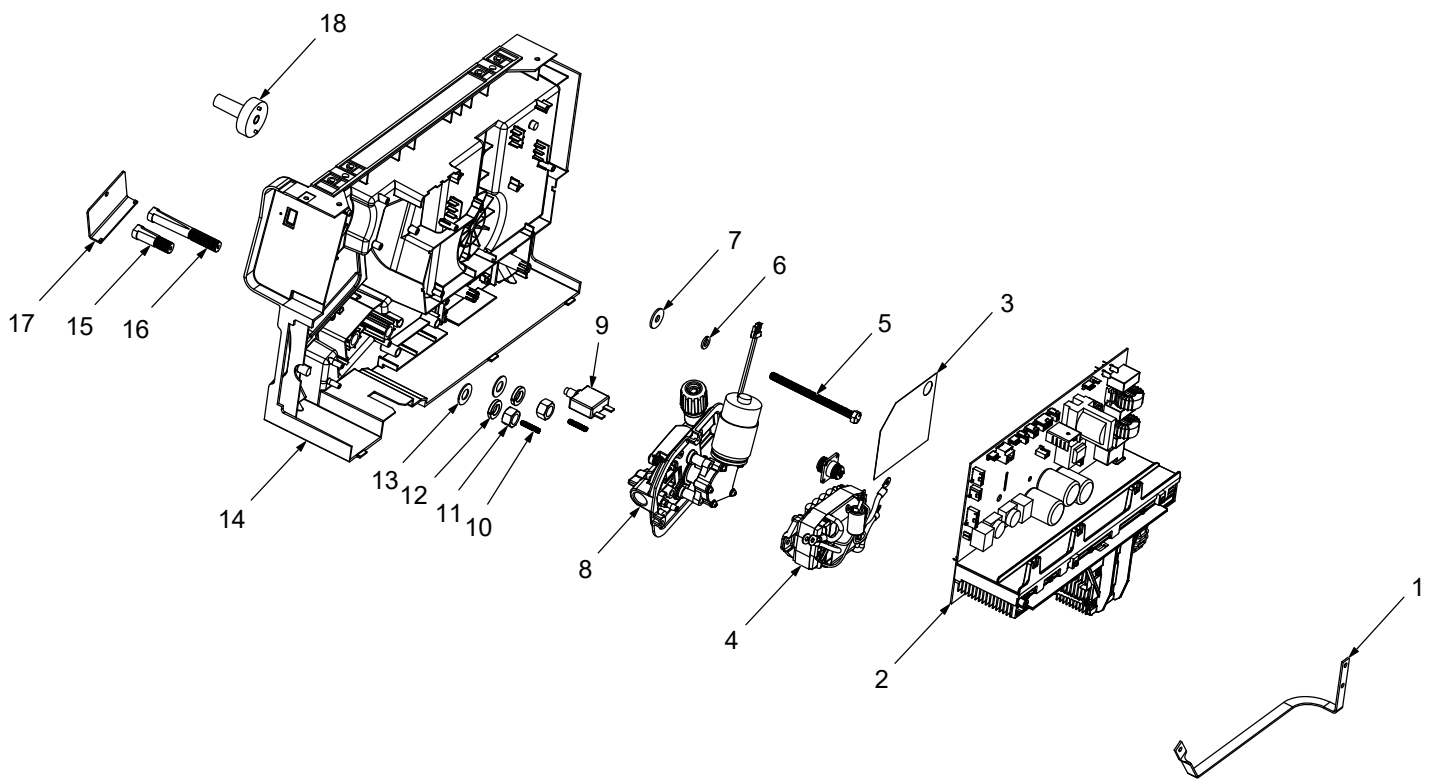
Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		269219	Bushing, Strain Relief .435/.705 Id x 1.040 Mtg Hole	1
2		272186	Nut, .750-14 Nps 1.312Hex .413H Nyl	1
3		289169	Bezel, Rear	1
4		289105	Panel, Rear Millermatic 142/211 Pro	1
5		289170	Bezel, Handle Cover	1
6	GS1	296804	Valve, 24 Vdc 2 Way Port 1/8 Orf w/Pressure Switch	1
7		198245	Nut, Conduit .750 Npt Pld 1.388 Od x .150 Thk	1

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Baffle Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1		289159	Bus Bar, Output	1
2	PC1	400236	Circuit Card Assy, Control MM211 Pro w/Program	1
3		291616	Insulator, Mylar .014 x 3.5 x 4.0	1
4	T1	292340	Transformer, 120-240V Small Frame	1
5		261463	Screw, .312-18 x 4.50 Hex Hd-pln Stl Gr5 Pld Full	1
6		602211	Washer, Lock .318 Id x 0.586 Od x .078T Stl Pld Split .312	1
7		203072	Washer, Flat .331 Id x 0.945 Od x .079T Stl Pld	1
8		Drive Assembly (See following for subassembly information)		1
9	CB1	093997	Supplementary Protector, Man Reset 1p 30A 250 Vac	1
10		293439	Screw, Set 5mm x 25mm Alloy Steel Blk	2
11		601879	Nut, .500-12 .75 Hex .44H Stl Pld	2
12		602216	Washer, Lock .502 Id x 0.879 Od x .151T Stl Pld Split .500	2
13		292298	Washer, Flat .12mm Id x 24mm Od x 2.5T Stl Pld Zinc	2
14		289108	Center Baffle Plastic	1
15		289142	Stud, Brs Output Male Positive	1
16		289141	Stud, Brs Output Male Negative	1
17		289868	Cover, Output Studs	1
18		202726	Adapter, Spool Hub	1

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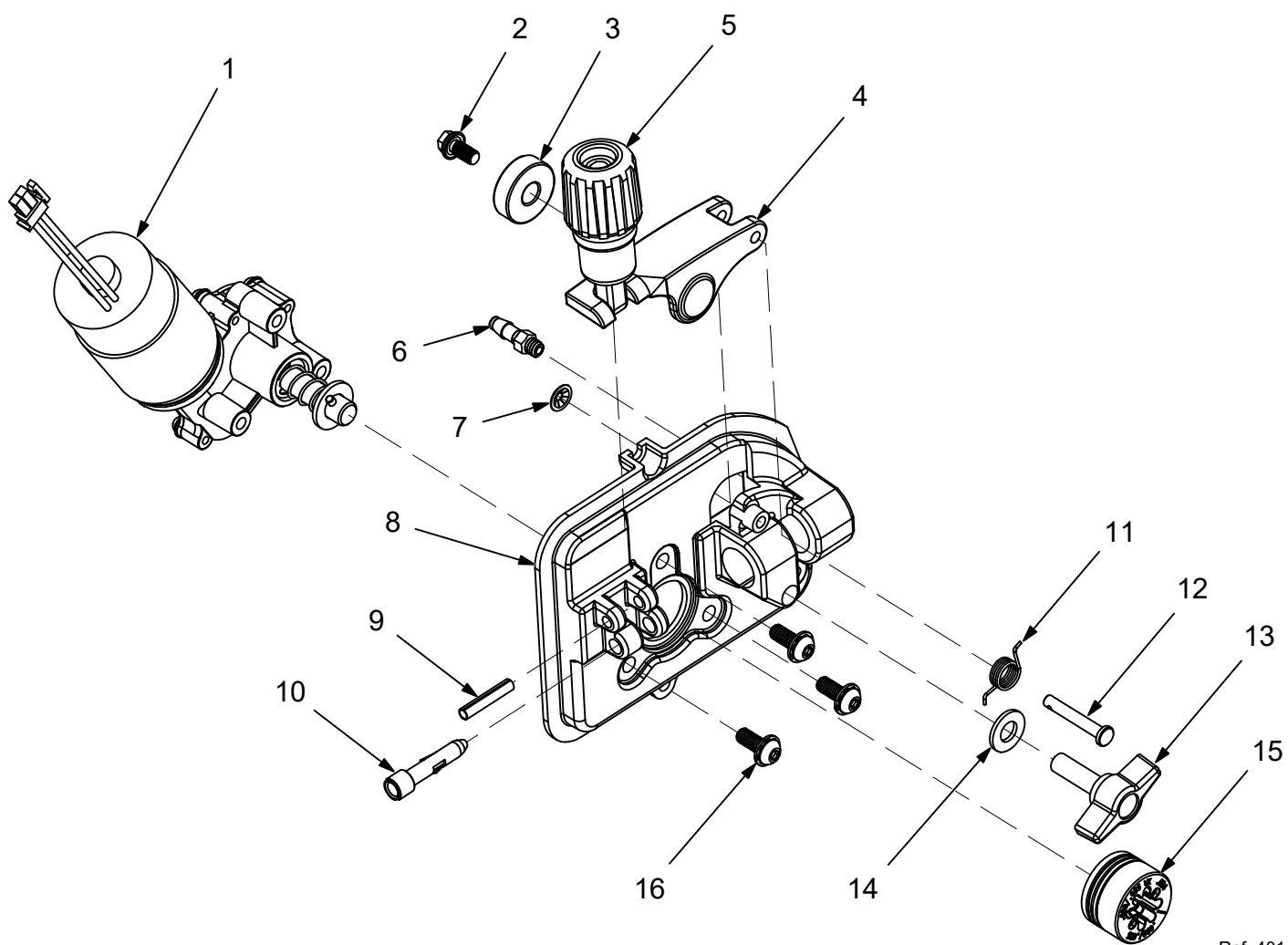
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OPTIONAL DRIVE ROLLS FOR ALL FEED HEAD ASSEMBLIES	
PART NO.	WIRE DIAMETER INCHES (mm)
261157	0.024(.6) and 0.030/0.035(0.8 and 0.9) and 0.030/0.035 (0.8 and 0.9) (VK Groove)
~ 220179	0.024(0.6) and 0.030/0.035 (0.8 and 0.9) (Standard)
~ 202926	0.030/0.035 (0.8 and 0.9) and 0.045 (1.2 VK Groove)
~ Optional	

Optional Drive Rolls



Ref. 401460

Drive Assembly

Drive Assembly

Item No.	Dia. Mkgs.	Part No.	Description	Qty
1	M1	290571	Motor, Gear 24 Vdc w/Leads Dbl Needle Bearing	1
2		188846	Screw, 10-32 x .50 Hex Hd-Slt Zinc Sqcone Sems	1
3		189915	Bearing, Ball Rdl Sgl Row 9mm x 26mm x 8mm Wide Sh	1
4		290573	Lever Pressure Roll Machined Sims	1
5		221980	Knob, Tension	1
6		263411	Fitting, Barbed Gas	1
7		604393	Nut, .187-00 Speed Design 2 Style	1
8		289151	Housing, Drive (Machined)	1
9		010224	Pin, Spring CS .187 x 1.000	1
10		261151	Guide, Wire Inlet 060	1
11		264715	Spring, Torsion	1
12		293437	Pin, Clevis .1875 Od x 1.25 L Zinc Pld	1
13		222035	Knob, T 1562 Bar w/312-18 Stud 1000 Lg Plstc	3
14		604538	Washer, Flat .344 Id x 0.688 Od x .065T Stl Pld Ansi .312	1
15		261157	Roll, Drive V Groove 024, .030-.035V Wire, .035VK Wire	1
16		282239	Screw, M6-1 x 16 Button Hd-Soc Stl Pld Zc Sq Cn Sems	3

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