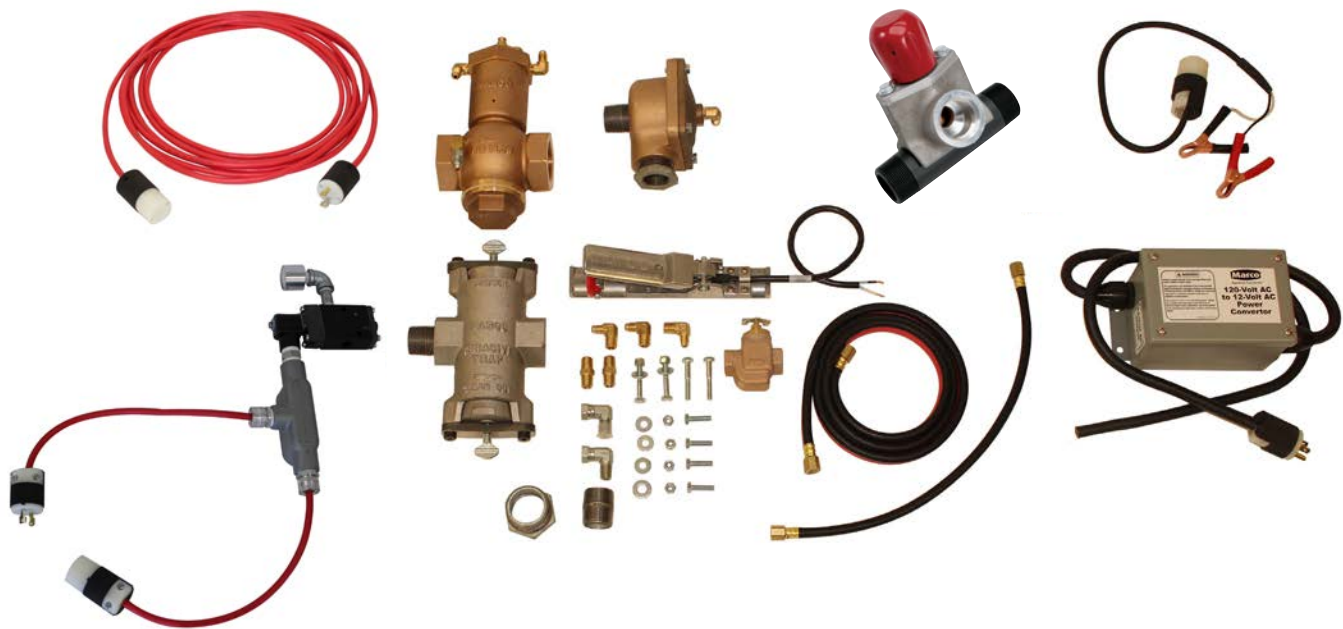




BLASTMASTER® 121E REMOTE CONTROL SYSTEM CONVERSION KITS



BUILT MARCO TOUGH
MARCO MANUFACTURED

PART NUMBERS AND SCHEMATICS GUIDE

Company Profile

Since 1944, Marco has developed a strong tradition of providing innovative and reliable products and services to the surface preparation and protective coatings industries. We are the world's premier provider of Abrasives, Blasting, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

Through innovative designs and a total commitment to quality, Marco manufactures products that increase production rates, create a safer workplace, and reduce maintenance costs. Marco's industry experience, manufacturing capabilities, legendary customer service, product availability, logistics services, and technology leadership is your assurance that we deliver high quality products and services, providing the best value to you, our customer.

The Marco Difference

- **Industry Experience** – With Marco on your team, you have access to expertise which can only come from decades of industry leadership. We have organized our engineering department, production specialists, customer operations, and safety support into a “Center of Competence.” As a Marco customer, you have access to hundreds of years of cumulative experience related to your operations.
- **Manufacturing Excellence** – Marco is a U.S. based, ISO 9001:2008 certified manufacturer of equipment for the Surface Preparation and Protective Coatings industries. Marco's engineers benchmark the industry to ensure that we design and manufacture superior products that set the “Gold Standard” for performance, safety, and quality.
- **Legendary Customer Service** – Marco's legendary customer service team is staffed by friendly, highly-trained individuals who are focused on providing the highest level of product support, order accuracy, and customer satisfaction.
- **Product Availability** – We stock over 10,000 SKU's and have more than 45 shipping locations to serve North American and International markets for all major brands of blasting and coating equipment. As the largest provider of surface preparation and protective coatings equipment in the world, our inventory levels and product availability are unmatched.
- **Logistics Services** – Marco's in-house logistics team is dedicated to moving your shipment anywhere in the world. We move more than 14,000 truckloads every year, allowing you to save on freight costs by leveraging our buying power. Lower your process costs with a single invoice, which includes product and freight.
- **Technology Leadership** – Our website provides: Operator's Manuals, Part Numbers and Schematics Guides, SDS information, and Features & Specifications Guides, providing access to information 24/7. Our Extranet application allows you to receive quotes and place orders online. Our Intranet maintains a complete record of your purchase history to assist with ongoing support of your existing equipment and future purchasing decisions.

Vision Statement

Marco is the world's premier provider of Abrasives, Blasting, Coating, Dust Collectors, Engineered Systems, Rental, Safety, Service, Repair, & Modernization, and Vacuums.

Mission Statement

Marco provides strong leadership and innovation to the surface preparation and protective coatings industries. We dedicate our efforts to the continuous improvement of our products, services, processes, people, and most importantly, the quality of our customer's experience.

Quality Statement

Marco is committed to providing superior quality in the design, manufacturing, distribution, rental, service, and repair of our products. Our ISO 9001:2008 certification extends throughout all operations in all locations. Continuous improvement of our processes and supply chain Integration comprise the core of our business strategy for delivering exceptional quality and value in all Marco products and services.

Management Philosophy

We are a company dedicated to the success of every customer and associate. We discuss, debate, challenge, measure, and test our ideas. We will be boundless and limitless in our passion to improve. Through sound leadership and dedicated associates, we will ensure a long term, profitable future for Marco, our associates, customers, and suppliers.

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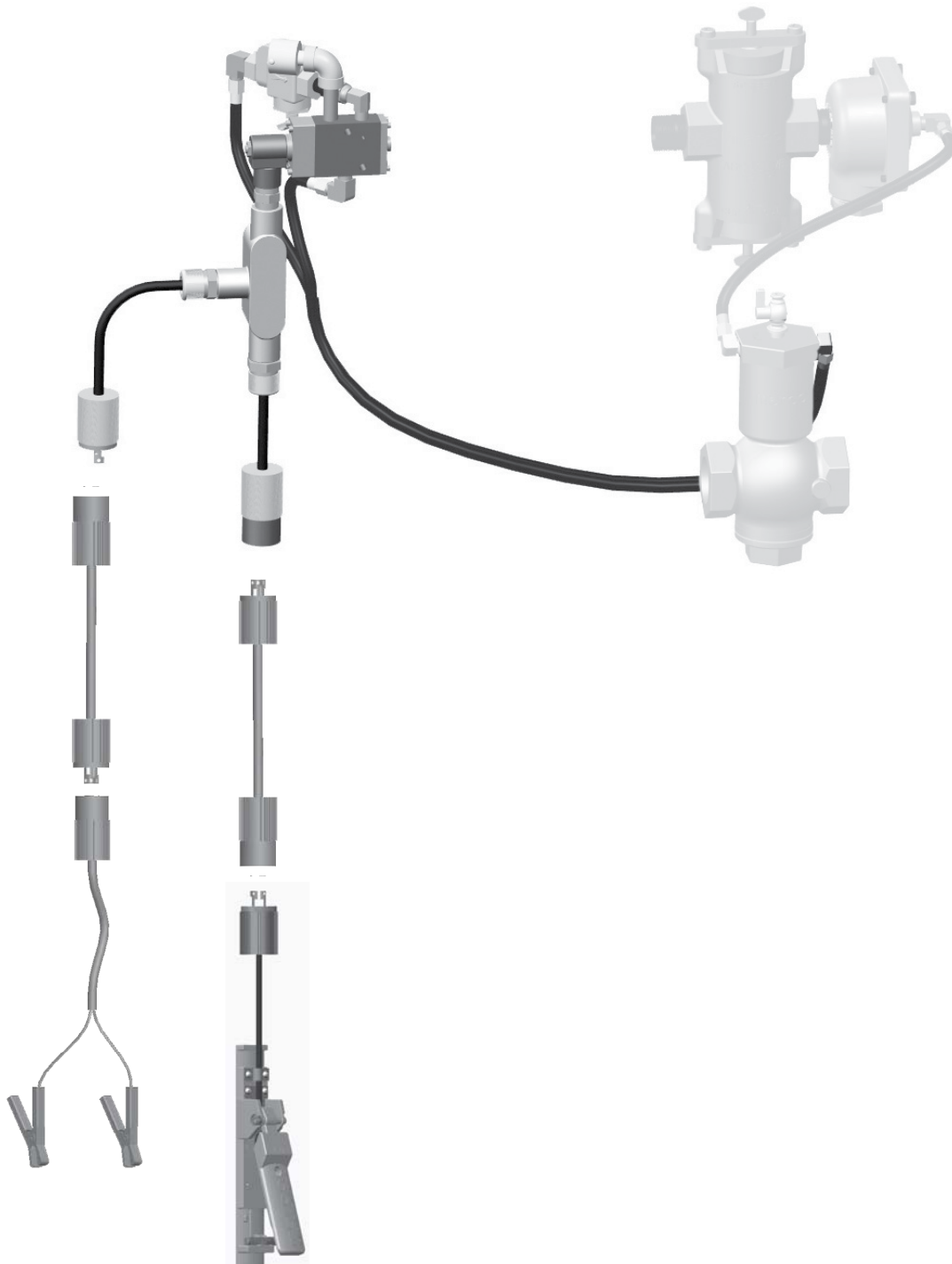
PNEUMATIC TO 12-VOLT DC ELECTRIC CONVERSION KIT

Part Numbers	12-Volt DC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	Xtreme-Duty® Power Cord – 25 Ft. (to power source)	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Battery Clamps
1019061	X	X	1015543	1015542	X

For converting Pneumatic to 12-Volt DC Electric Conversion Kit

Includes: 12-Volt DC 190 Electric Control Assembly, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Battery Clamps, and various pipe fittings

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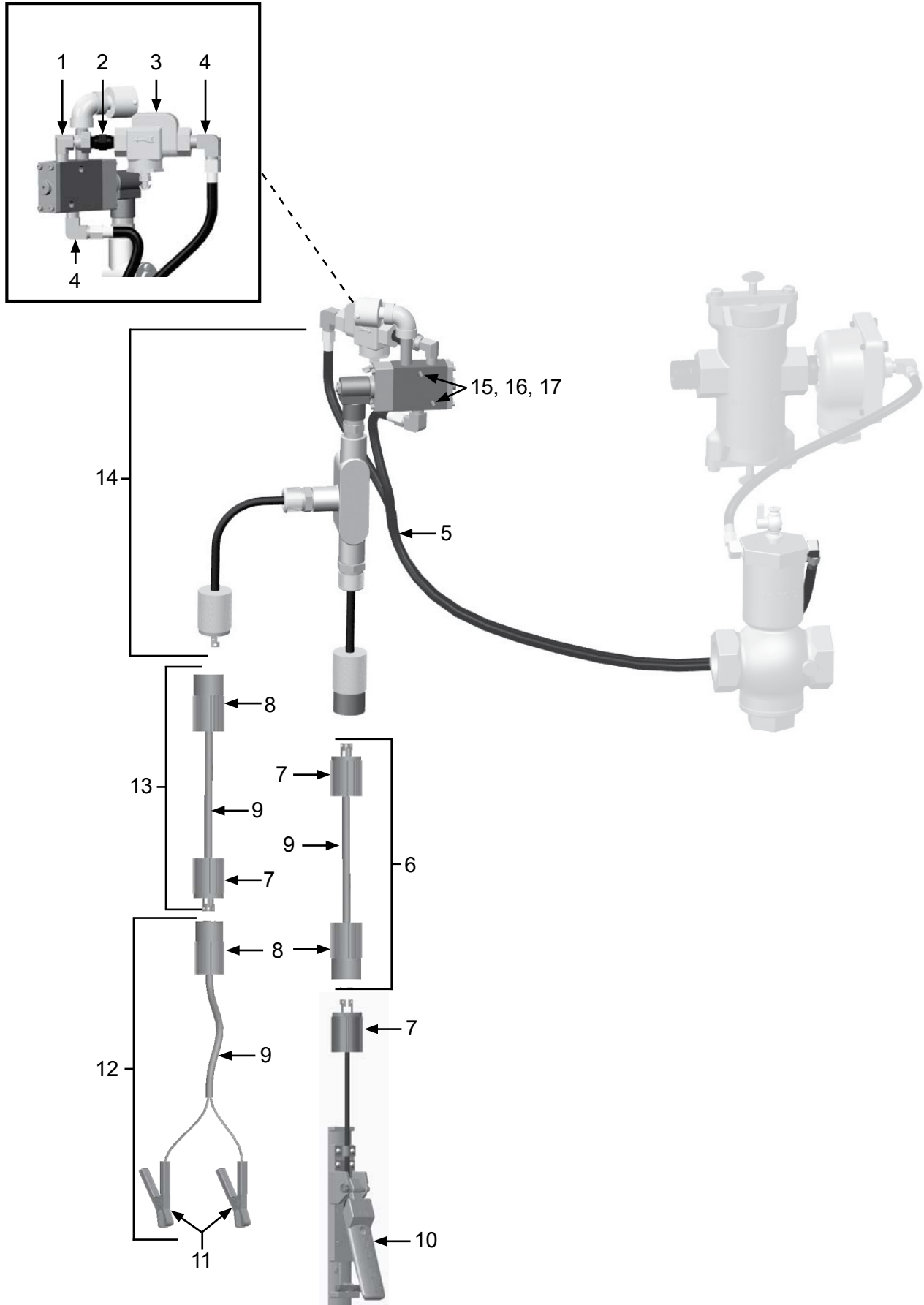
Pneumatic to 12-Volt DC Electric Conversion Kit

Item #	Part #	Description
Fig. 1		
—	1019061	Pneumatic to 12-Volt DC Electric Conversion Kit
1	1012326	1/4" NPT 90° Swivel Fitting
2	1017019	1/4" x 1/4" Hex Nipple
3	10WS	Watts Strainer
4	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
5	10TL040	Coupled Pneumatic Control Line – 40 Inches
6	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist Lock Plugs <i>(Includes Item #'s: 7, 8, and 9 (Quantity of 50'))</i>
7	1015551	Two-Prong Twist-Lock Plug – Male
8	1015552	Two-Prong Twist-Lock Plug – Female
9	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
10	1015100	Blastmaster® 151E Remote Control Switch
11	1030718	Battery Clamps – Pair
12	1015541	Battery Clamp Kit <i>(Includes Item #'s: 8, 9 (Quantity of 2'), and 11)</i>
13	1015543	25' of Xtreme-Duty® Power Cord with Male and Female Twist Lock Plugs <i>(Includes Item #'s: 7, 8, and 9 (Quantity of 25'))</i>
14	1019001	12-Volt DC 190 Electric Control Assembly – Complete
15	1019044	1/4-20 x 1-3/4" Zinc Bolt <i>(Quantity of Two)</i>
16	1014017	1/4" Flat Washer <i>(Quantity of Two)</i>
17	1012323	1/4-20 Zinc Lock Nut with Nylon Insert <i>(Quantity of Two)</i>

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Figure 1: Pneumatic to 12-Volt DC Electric Conversion Kit



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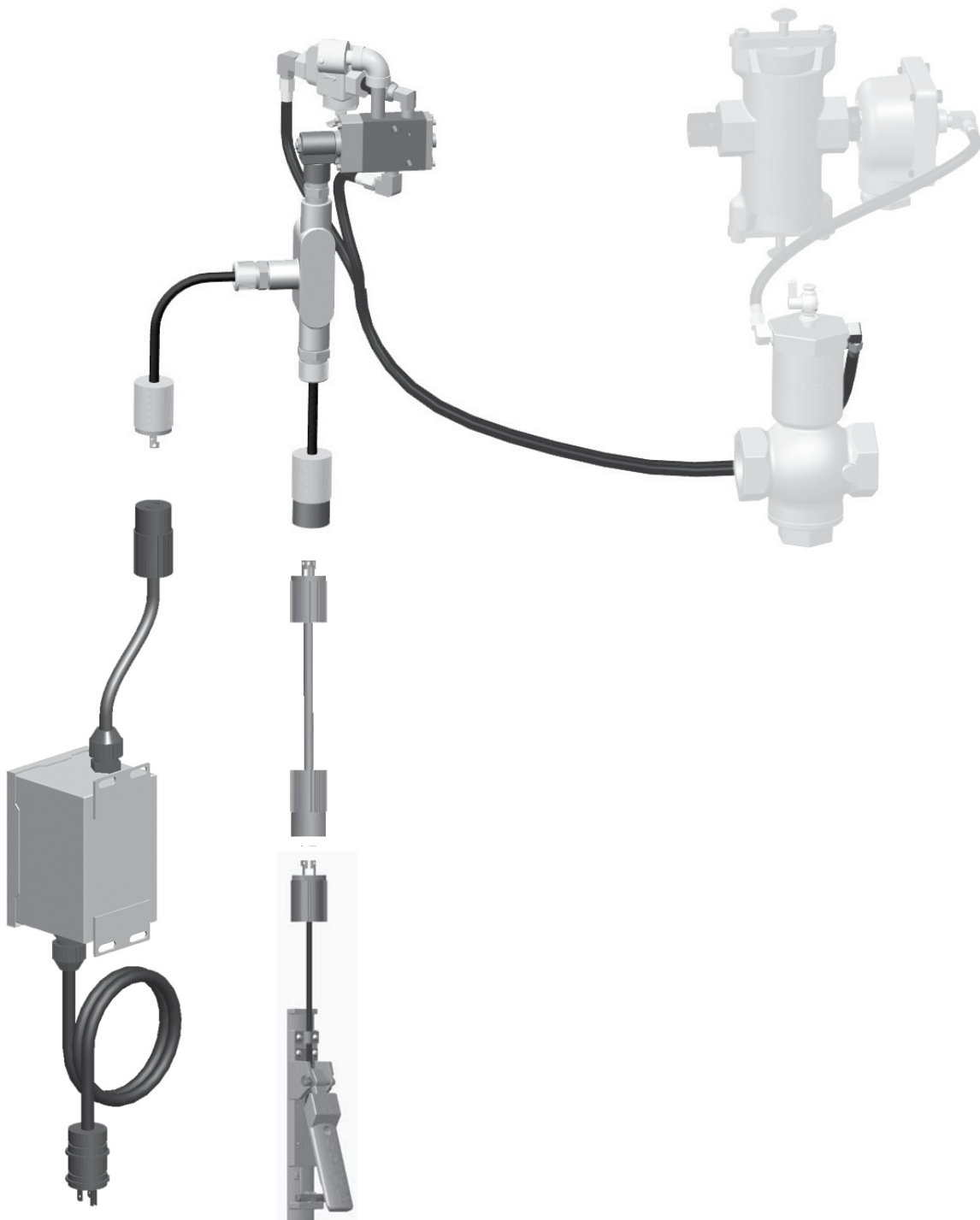
PNEUMATIC TO 120-VOLT AC ELECTRIC CONVERSION KIT

Part Numbers	12-Volt AC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
1019062	X	X	1015542	X

For converting Pneumatic to 120-Volt AC Electric Conversion Kit

Includes: 12-Volt AC 190 Electric Control Assembly, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Power Converter, and various pipe fittings

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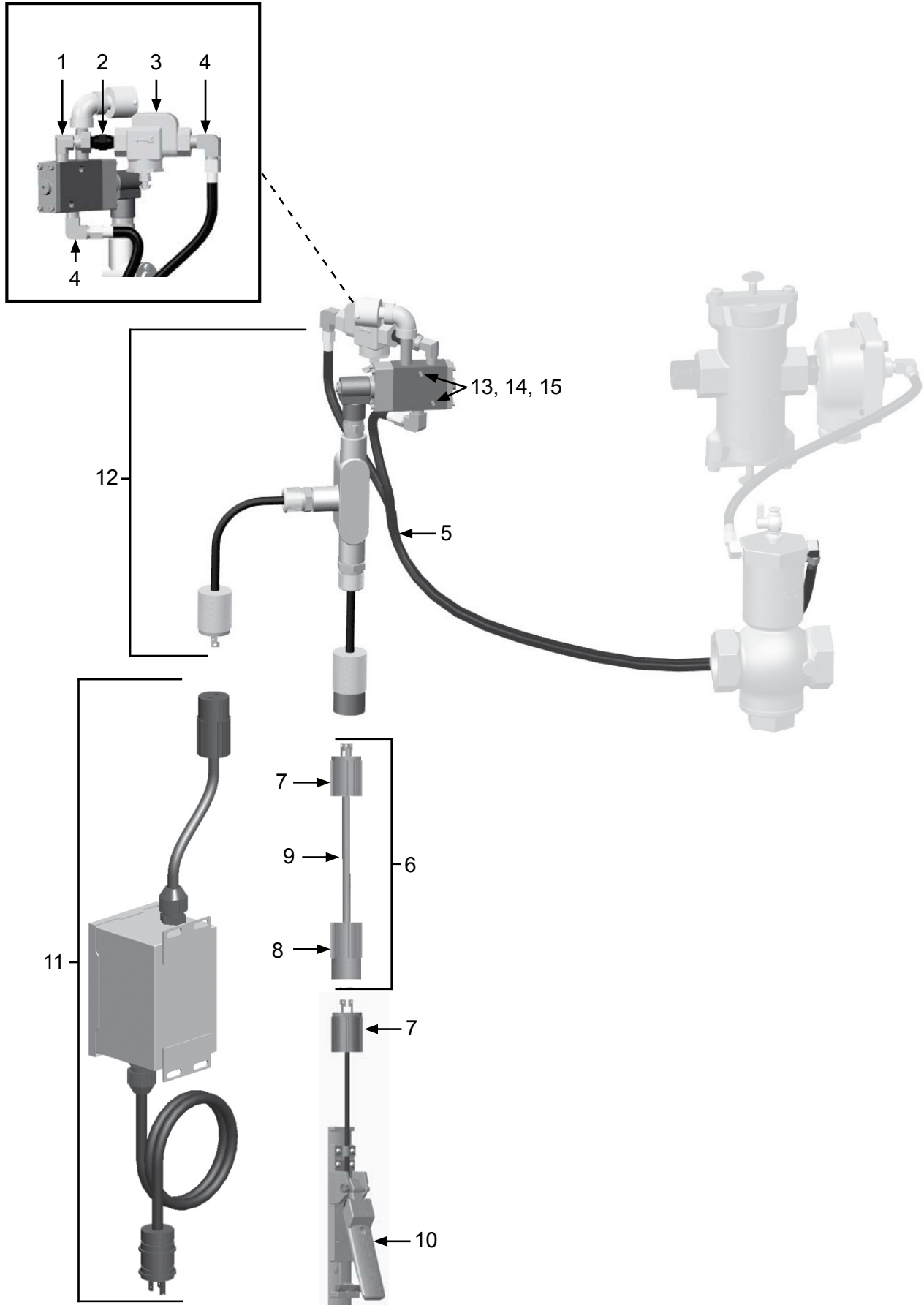
Pneumatic to 120-Volt AC Electric Conversion Kit

Item #	Part #	Description
Fig. 2		
—	1019062	Pneumatic to 120-Volt AC Electric Conversion Kit
1	1012326	1/4" NPT 90° Swivel Fitting
2	1017019	1/4" x 1/4" Hex Nipple
3	10WS	Watts Strainer
4	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
5	10TL040	Coupled Pneumatic Control Line – 40 Inches
6	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist Lock Plugs <i>(Includes Item #'s: 7, 8, and 9 (Quantity of 50'))</i>
7	1015551	Two-Prong Twist-Lock Plug – Male
8	1015552	Two-Prong Twist-Lock Plug – Female
9	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
10	1015100	Blastmaster® 151E Remote Control Switch
11	1030020	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
12	1019002	12-Volt AC 190 Electric Control Assembly – Complete
13	1019044	1/4-20 x 1-3/4" Zinc Bolt <i>(Quantity of Two)</i>
14	1014017	1/4" Flat Washer <i>(Quantity of Two)</i>
15	1012323	1/4-20 Zinc Lock Nut with Nylon Insert <i>(Quantity of Two)</i>

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Figure 2: Pneumatic to 120-Volt AC Electric Conversion Kit



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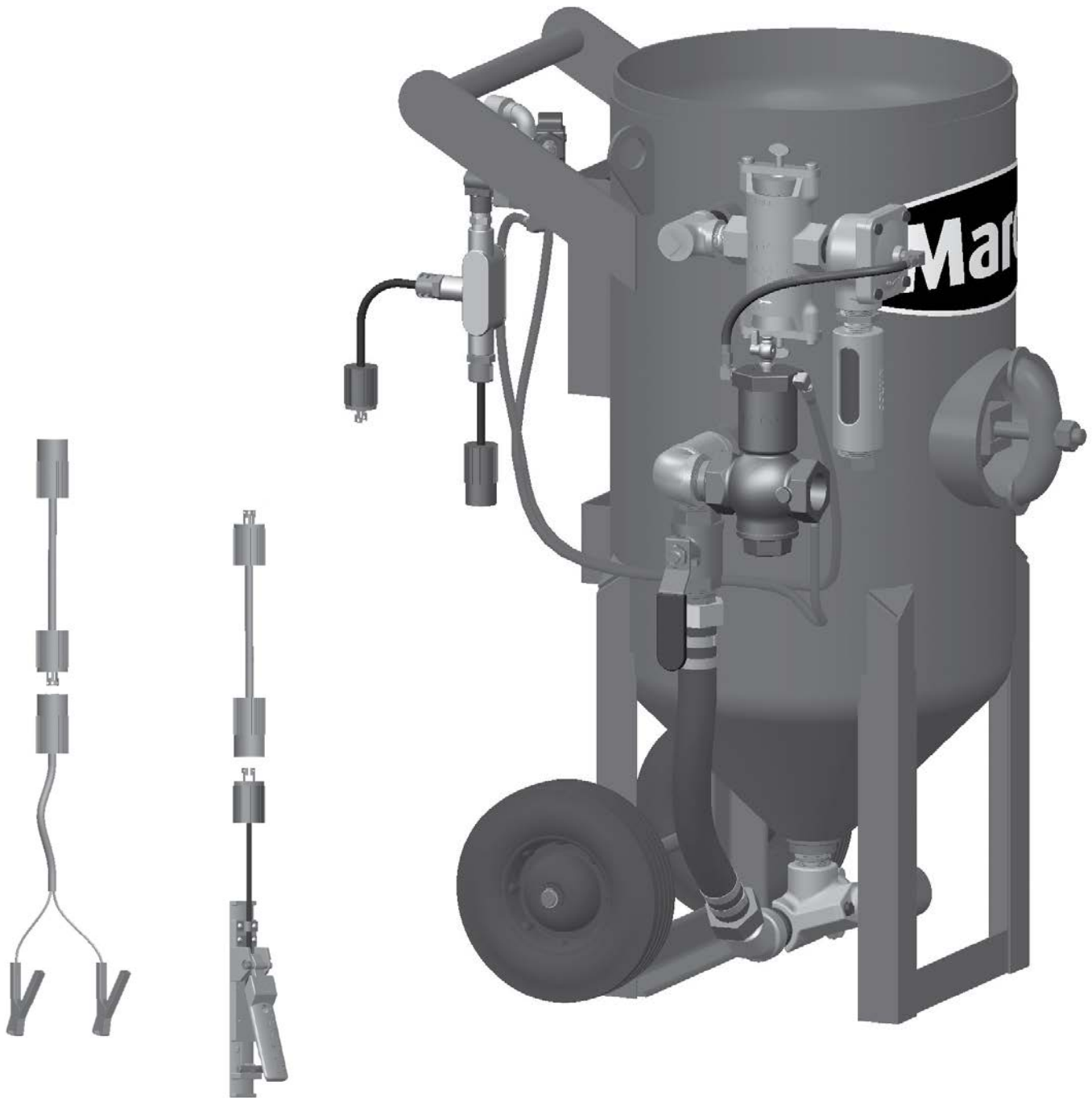
COMPLETE 12-VOLT DC ELECTRIC CONVERSION KITS – 3.0 THROUGH 3.5 CU. FT. BLAST POTS

Part Numbers	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve	12-Volt DC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	1-1/2" Inlet Valve	1" Diaphragm Outlet Valve	Abrasive Trap	Xtreme-Duty® Power Cord – 25 Ft. (to power source)	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Battery Clamps
10107261	X		X	X	X	X	X	1015543	1015542	X
10107262		X	X	X	X	X	X	1015543	1015542	X

For converting bare pot to electric remote control system

Includes: 12-Volt DC 190 Electric Control Assembly, Blastmaster® Bantam Abrasive Metering Valve, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Battery Clamp, Inlet Valve, Diaphragm Outlet Valve, and various pipe fittings

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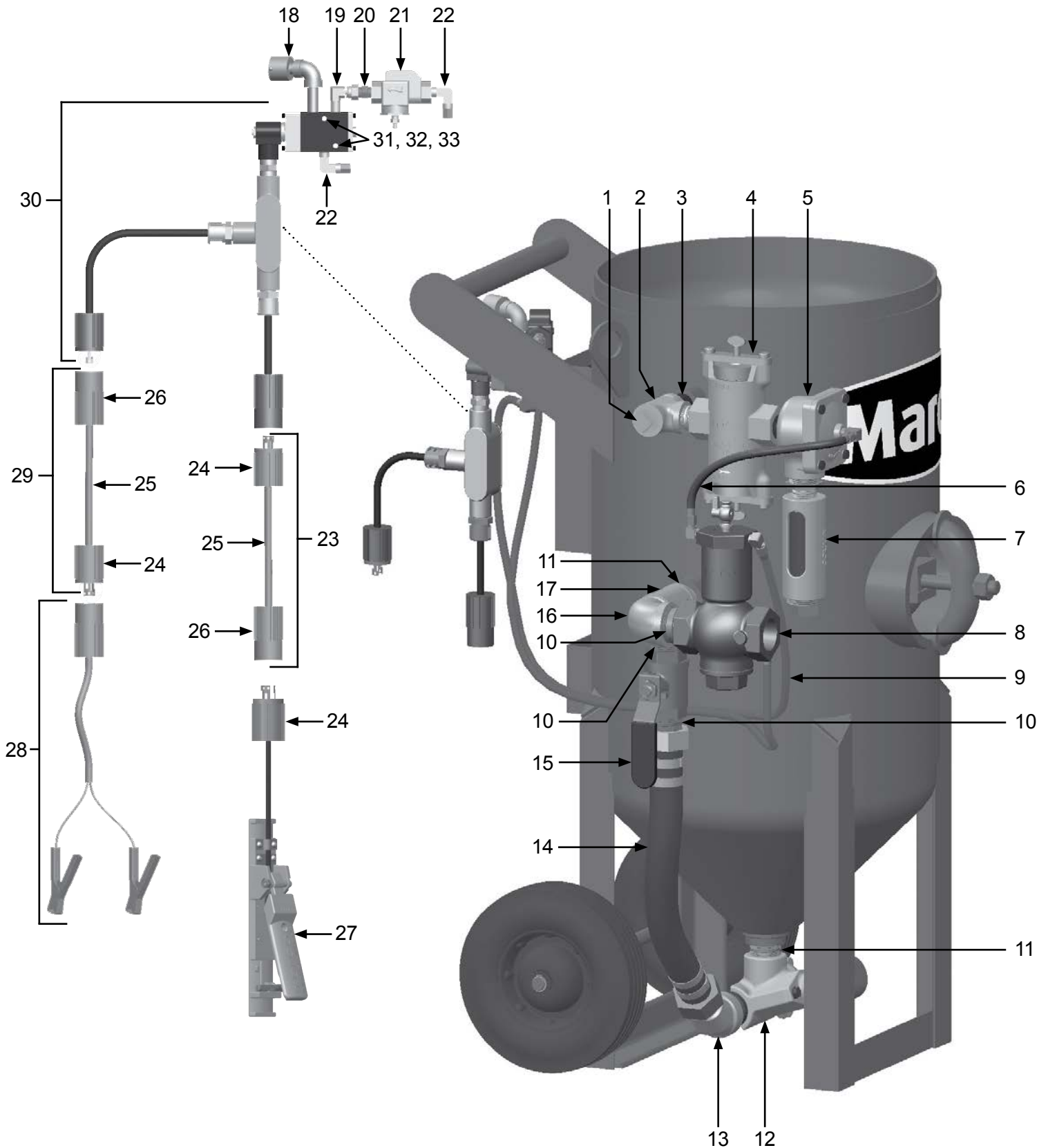
Complete 12-Volt DC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve

Item #	Part #	Description
Fig. 3		
—	10107261	Complete 12-Volt DC Electric Conversion Kit – 1-1/4" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	1012200	1-1/2" Inlet Valve – Complete
9	10TL040	Coupled Pneumatic Twinline Hose – 40 Inches
10	1014015	1-1/2" NPT Close Nipple <i>(Three Required)</i>
11	1011201	1-1/4" Galvanized Close Nipple <i>(Two Required)</i>
12	1014101	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve – Complete
13	1011830	1-1/4" 45° Street Elbow
14	1006311	1-1/4" I.D. Pusher Line Assembly
15	1011602	1-1/4" NPT Full Port Ball Valve
16	1011839	1-1/2" NPT Street Elbow
17	1011834	1-1/4" x 1-1/2" x 1-1/4" NPT Pipe Tee
18	10DE025	1/4" Dust Eliminator
19	1012326	1/4" NPT 90° Swivel
20	1017019	1/4" x 1/4" Hex Nipple
21	10WS	Watts Strainer
22	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
23	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 24, 25, and 26)</i>
24	1015551	Two-Prong Twist Lock Plug – Male
25	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
26	1015552	Two-Prong Twist Lock Plug – Female
27	1015100	Blastmaster® 151E Remote Control Switch
28	1015541	Battery Clamps with 2' 16/2 Xtreme-Duty® Electric Cord
29	1015543	25' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 24, 25, and 26)</i>
30	1019001	12-Volt DC 190 Electric Control Assembly – Complete
31	1019044	1/4-20 x 1-3/4" Zinc Bolt <i>(Quantity of Two)</i>
32	1014017	1/4" Flat Washer <i>(Quantity of Two)</i>
33	1012323	1/4"-20 Zinc Lock Nut with Nylon Insert <i>(Quantity of Two)</i>

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Figure 3: Complete 12-Volt DC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve



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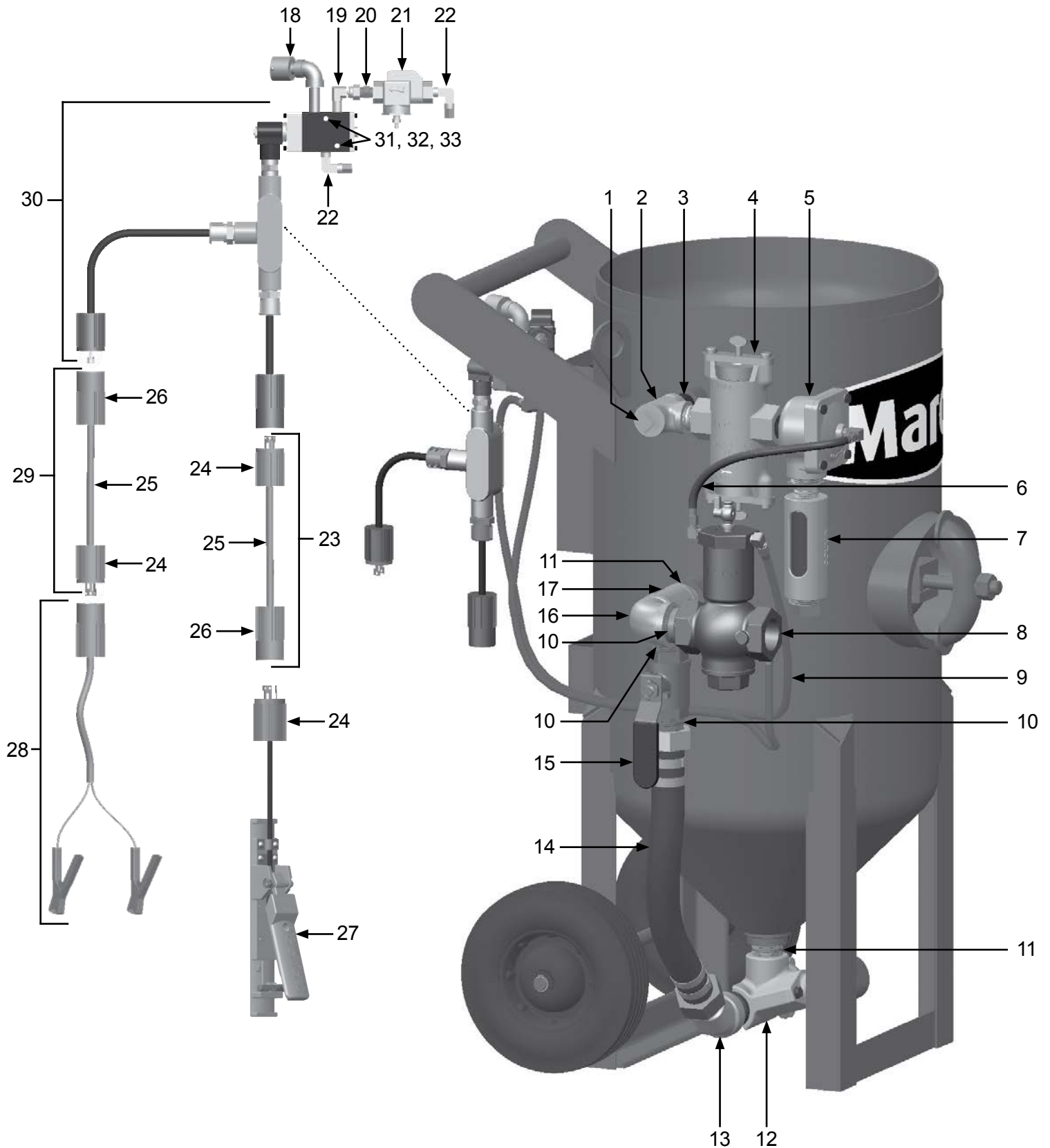
Complete 12-Volt DC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve

Item #	Part #	Description
Fig. 4		
—	10107262	Complete 12-Volt DC Electric Conversion Kit – 1-1/2" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	1012200	1-1/2" Inlet Valve – Complete
9	10TL040	Coupled Pneumatic Twinline Hose – 40 Inches
10	1014015	1-1/2" NPT Close Nipple (<i>Three Required</i>)
11	1011201	1-1/4" Galvanized Close Nipple (<i>Two Required</i>)
12	1014102	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve – Complete
13	1011805	1-1/2" 45° Street Elbow
14	1006312	1-1/2" I.D. Pusher Line Assembly
15	1011603	1-1/2" NPT Full Port Ball Valve
16	1011839	1-1/2" NPT Street Elbow
17	1011833	1-1/4" x 1-1/2" x 1-1/2" NPT Pipe Tee
18	10DE025	1/4" Dust Eliminator
19	1012326	1/4" NPT 90° Swivel
20	1017019	1/4" x 1/4" Hex Nipple
21	10WS	Watts Strainer
22	1012051	1/4" NPT Brass Elbow (<i>Two Required</i>)
23	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 24, 25, and 26</i>)
24	1015551	Two-Prong Twist Lock Plug – Male
25	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
26	1015552	Two-Prong Twist Lock Plug – Female
27	1015100	Blastmaster® 151E Remote Control Switch
28	1015541	Battery Clamps with 2' 16/2 Xtreme-Duty® Electric Cord
29	1015543	25' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 24, 25, and 26</i>)
30	1019001	12-Volt DC 190 Electric Control Assembly – Complete
31	1019044	1/4-20 x 1-3/4" Zinc Bolt (<i>Quantity of Two</i>)
32	1014017	1/4" Flat Washer (<i>Quantity of Two</i>)
33	1012323	1/4"-20 Zinc Lock Nut with Nylon Insert (<i>Quantity of Two</i>)

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Figure 4: Complete 12-Volt DC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve



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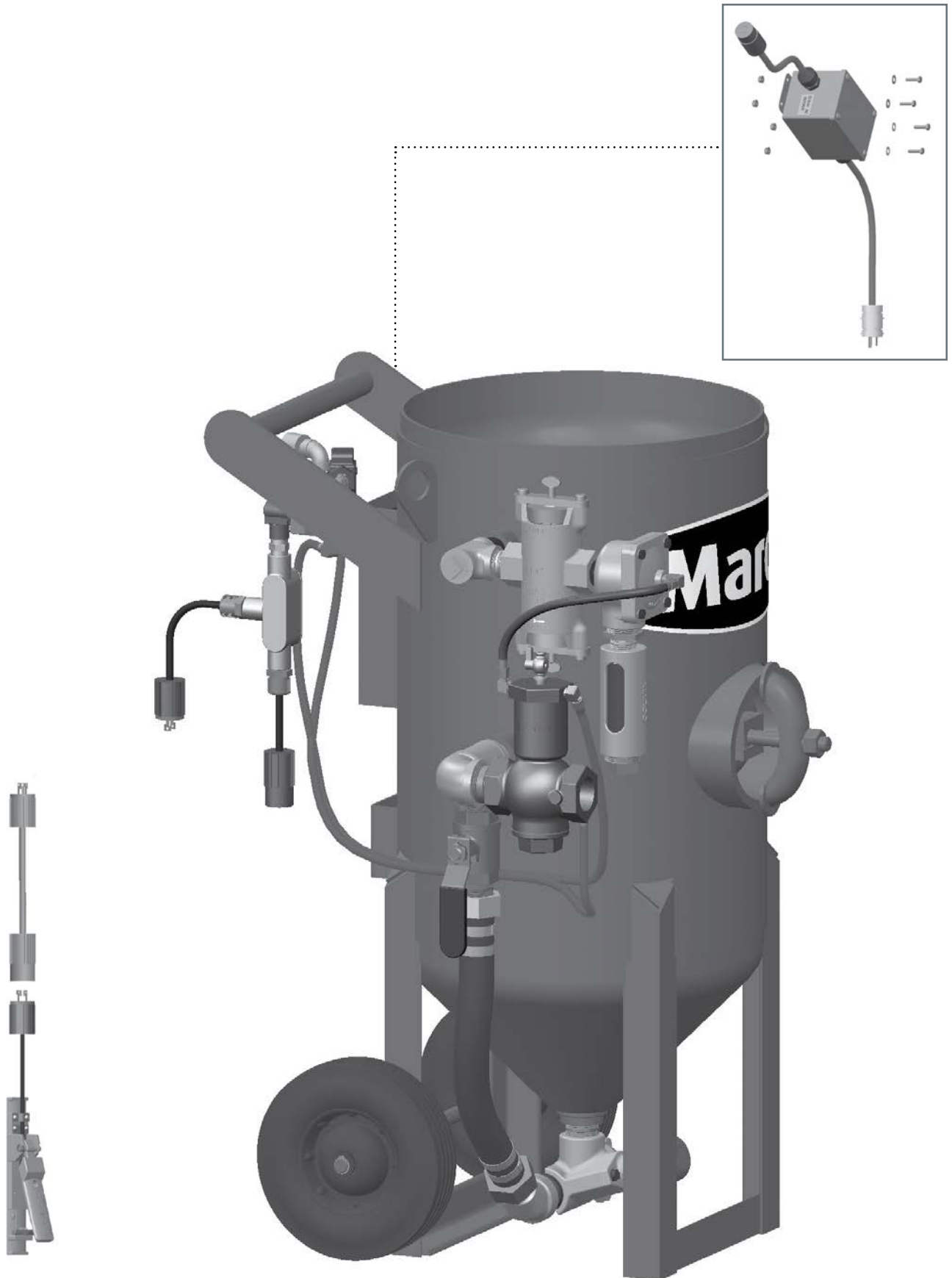
COMPLETE 120-VOLT AC ELECTRIC CONVERSION KITS – 3.0 THROUGH 3.5 CU. FT. BLAST POTS

Part Numbers	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve	12-Volt AC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	1-1/2" Inlet Valve	1" Diaphragm Outlet Valve	Abrasive Trap	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
10107265	X		X	X	X	X	X	1015542	X
10107266		X	X	X	X	X	X	1015542	X

For converting bare pot to electric remote control system

Includes: 12-Volt AC 190 Electric Control Assembly, Blastmaster® Bantam Abrasive Metering Valve, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Power Converter, Inlet Valve, Diaphragm Outlet Valve, and various pipe fittings

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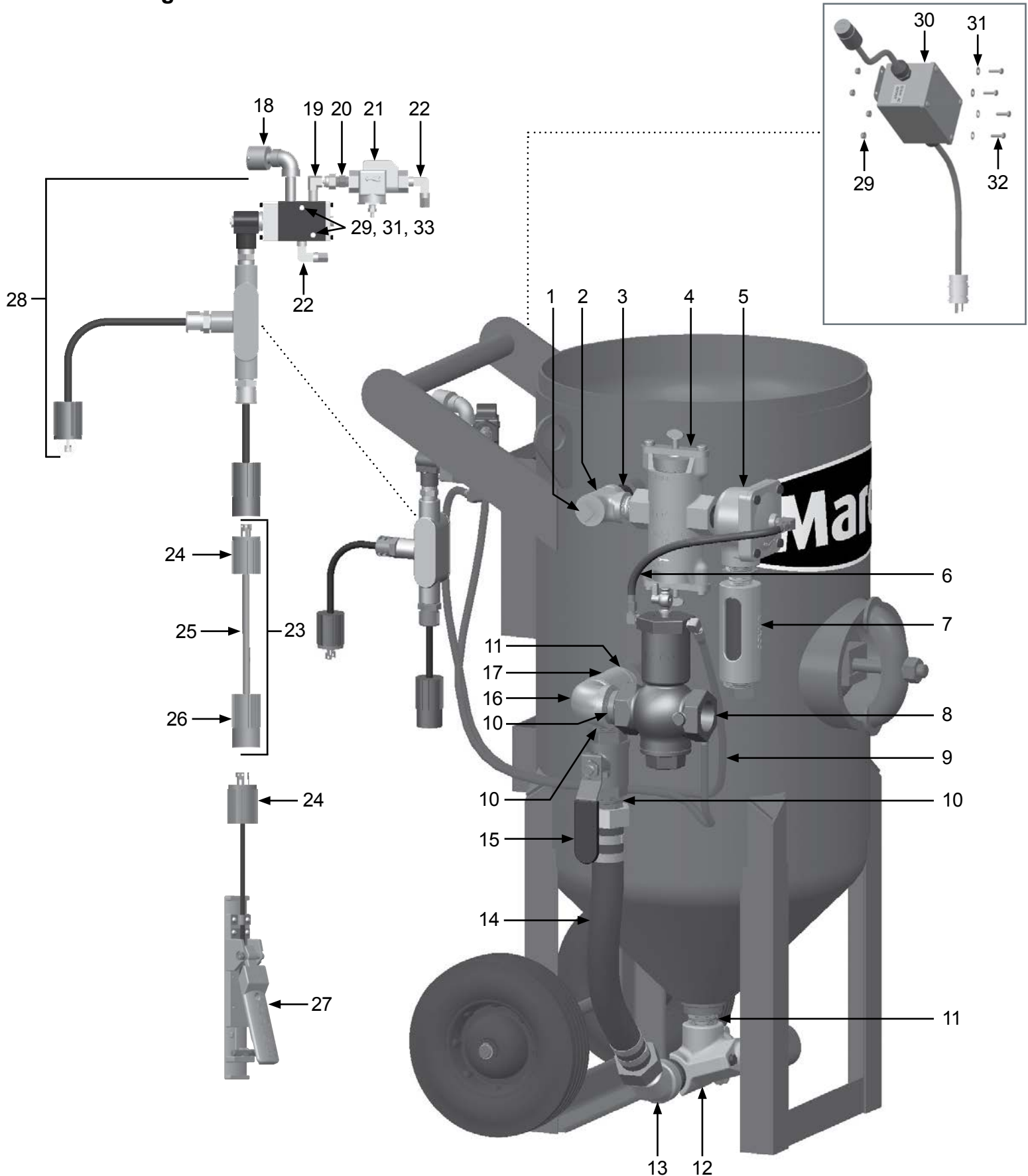
Complete 120-Volt AC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve

Item #	Part #	Description
Fig. 5		
—	10107265	Complete 120-Volt AC Electric Conversion Kit – 1-1/4" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	1012200	1-1/2" Inlet Valve – Complete
9	10TL040	Coupled Pneumatic Twinline Hose – 40 Inches
10	1014015	1-1/2" NPT Close Nipple <i>(Three Required)</i>
11	1011201	1-1/4" Galvanized Close Nipple <i>(Two Required)</i>
12	1014101	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve – Complete
13	1011830	1-1/4" 45° Street Elbow
14	1006311	1-1/4" I.D. Pusher Line Assembly
15	1011602	1-1/4" NPT Full Port Ball Valve
16	1011839	1-1/2" NPT Street Elbow
17	1011834	1-1/4" x 1-1/2" x 1-1/4" NPT Pipe Tee
18	10DE025	1/4" Dust Eliminator
19	1012326	1/4" NPT 90° Swivel
20	1017019	1/4" x 1/4" Hex Nipple
21	10WS	Watts Strainer
22	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
23	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 24, 25, and 26)</i>
24	1015551	Two-Prong Twist Lock Plug – Male
25	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
26	1015552	Two-Prong Twist Lock Plug – Female
27	1015100	Blastmaster® 151E Remote Control Switch
28	1019002	12-Volt AC 190 Electric Control Assembly – Complete
29	1012323	1/4–20 Zinc Lock Nut with Nylon Insert
30	1030020	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
31	1014017	1/4" Flat Washer
32	1012154	1/4–20 x 1" Hex Bolt
33	1019044	1/4-20 x 1-3/4" Zinc Bolt

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Figure 5: Complete 120-Volt AC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve



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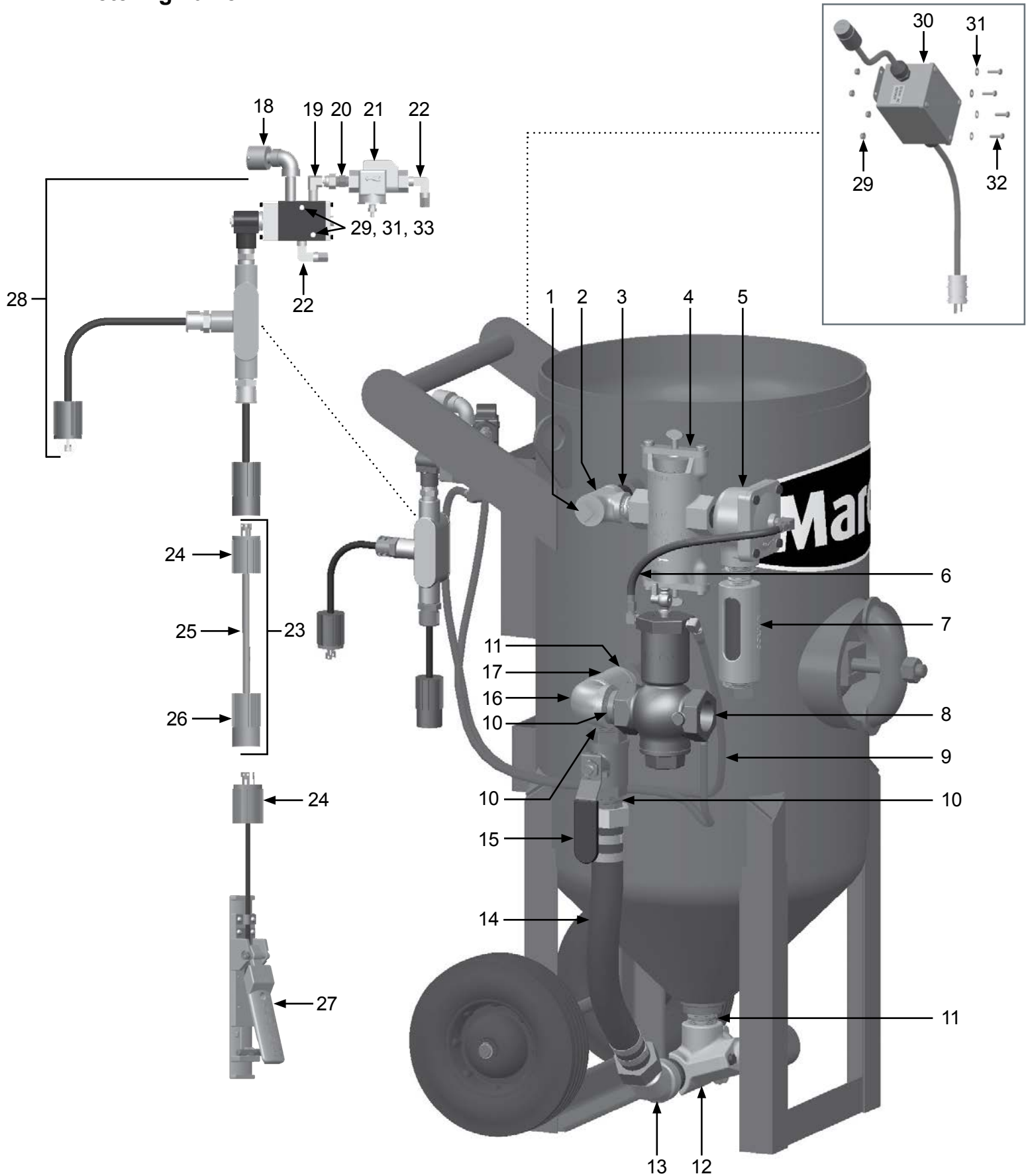
Complete 120-Volt AC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve

Item #	Part #	Description
Fig. 6		
—	10107266	Complete 120-Volt AC Electric Conversion Kit – 1-1/2" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	1012200	1-1/2" Inlet Valve – Complete
9	10TL040	Coupled Pneumatic Twinline Hose – 40 Inches
10	1014015	1-1/2" NPT Close Nipple <i>(Three Required)</i>
11	1011201	1-1/4" Galvanized Close Nipple <i>(Two Required)</i>
12	1014102	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve – Complete
13	1011805	1-1/2" 45° Street Elbow
14	1006312	1-1/2" I.D. Pusher Line Assembly
15	1011603	1-1/2" NPT Full Port Ball Valve
16	1011839	1-1/2" NPT Street Elbow
17	1011833	1-1/4" x 1-1/2" x 1-1/2" NPT Pipe Tee
18	10DE025	1/4" Dust Eliminator
19	1012326	1/4" NPT 90° Swivel
20	1017019	1/4" x 1/4" Hex Nipple
21	10WS	Watts Strainer
22	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
23	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 24, 25, and 26)</i>
24	1015551	Two-Prong Twist Lock Plug – Male
25	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
26	1015552	Two-Prong Twist Lock Plug – Female
27	1015100	Blastmaster® 151E Remote Control Switch
28	1019002	12-Volt AC 190 Electric Control Assembly – Complete
29	1012323	1/4–20 Zinc Lock Nut with Nylon Insert
30	1030020	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
31	1014017	1/4" Flat Washer
32	1012154	1/4–20 x 1" Hex Bolt
33	1019044	1/4-20 x 1-3/4" Zinc Bolt

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Figure 6: Complete 120-Volt AC Electric Conversion Kit – 3.0 through 3.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve



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COMPLETE 12-VOLT DC ELECTRIC CONVERSION KITS – 6.0 THROUGH 6.5 CU. FT. BLAST POTS

Part Numbers	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve	12-Volt DC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	1-1/2" Inlet Valve	1" Diaphragm Outlet Valve	Abrasive Trap	Xtreme-Duty® Power Cord – 25 Ft. (to power source)	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Battery Clamps
10107259	X		X	X	X	X	X	1015543	1015542	X
10107260		X	X	X	X	X	X	1015543	1015542	X

For converting bare pot to electric remote control system

Includes: 12-Volt DC 190 Electric Control Assembly, Blastmaster® Bantam Abrasive Metering Valve, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Battery Clamp, Inlet Valve, Diaphragm Outlet Valve, and various pipe fittings

PART NUMBERS AND SCHEMATICS GUIDE



PART NUMBERS AND SCHEMATICS GUIDE

Complete 12-Volt DC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve

Item #	Part #	Description
Fig. 7		
—	10107259	Complete 12-Volt DC Electric Conversion Kit – 1-1/4" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	10TL5	Coupled Pneumatic Twinline Hose – 5 Feet
9	1012200	1-1/2" Inlet Valve – Complete
10	1011201	1-1/4" Galvanized Close Nipple (<i>Four Required</i>)
11	1006311	1-1/4" I.D. Pusher Line Assembly
12	1014101	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve – Complete
13	1011602	1-1/4" NPT Full Port Brass Ball Valve
14	1011501	1-1/4" x 1-1/2" NPT Bushing (<i>Two Required</i>)
15	1011804	1-1/2" 90° Elbow with Side-Out
16	1014015	1-1/2" NPT Close Nipple
17	10DE025	1/4" Dust Eliminator
18	1012326	1/4" NPT 90° Swivel
19	1017019	1/4" x 1/4" Hex Nipple
20	10WS	Watts Strainer
21	1012051	1/4" NPT Brass Elbow (<i>Two Required</i>)
22	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 23, 24, and 25</i>)
23	1015551	Two-Prong Twist Lock Plug – Male
24	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
25	1015552	Two-Prong Twist Lock Plug – Female
26	1015100	Blastmaster® 151E Remote Control Switch
27	1015541	Battery Clamps with 2' 16/2 Xtreme-Duty® Electric Cord
28	1015543	25' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 23, 24, and 25</i>)
29	1019001	12-Volt DC 190 Electric Control Assembly – Complete
30	1019044	1/4-20 x 1-3/4" Zinc Bolt (<i>Quantity of Two</i>)
31	1014017	1/4" Flat Washer (<i>Quantity of Two</i>)
32	1012323	1/4"-20 Zinc Lock Nut with Nylon Insert (<i>Quantity of Two</i>)

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Figure 7: Complete 12-Volt DC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve



PART NUMBERS AND SCHEMATICS GUIDE

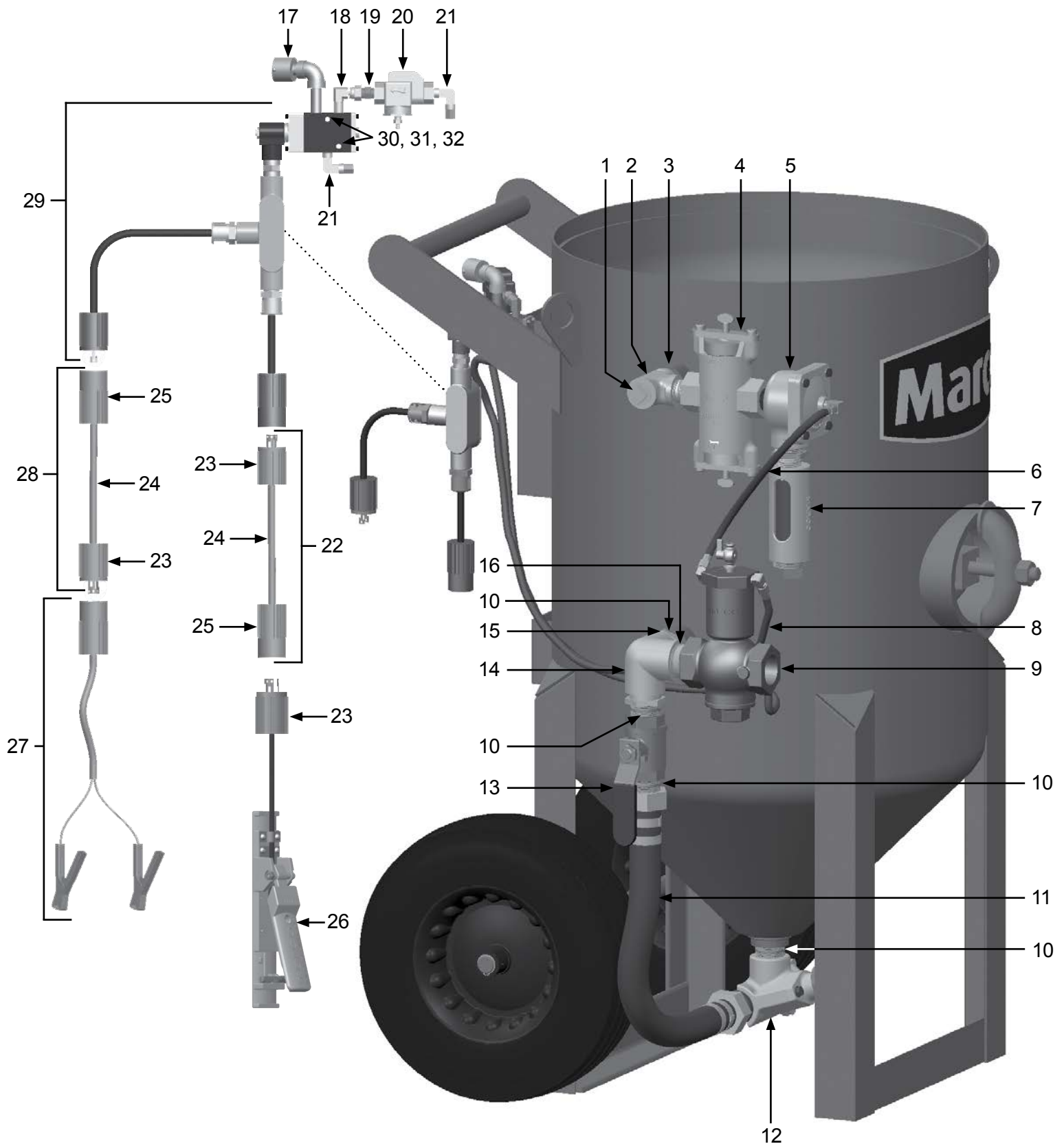
Complete 12-Volt DC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve

Item #	Part #	Description
Fig. 8		
—	10107260	Complete 12-Volt DC Electric Conversion Kit – 1-1/2" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	10TL5	Coupled Pneumatic Twinline Hose – 5 Feet
9	1012200	1-1/2" Inlet Valve – Complete
10	1011201	1-1/4" Galvanized Close Nipple <i>(Four Required)</i>
11	1006312	1-1/2" I.D. Pusher Line Assembly
12	1014102	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve – Complete
13	1011603	1-1/2" NPT Full Port Brass Ball Valve
14	1011804	1-1/2" 90° Elbow with Side-Out
15	1011501	1-1/4" x 1-1/2" NPT Bushing
16	1014015	1-1/2" NPT Close Nipple
17	10DE025	1/4" Dust Eliminator
18	1012326	1/4" NPT 90° Swivel
19	1017019	1/4" x 1/4" Hex Nipple
20	10WS	Watts Strainer
21	1012051	1/4" NPT Brass Elbow <i>(Two Required)</i>
22	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 23, 24, and 25)</i>
23	1015551	Two-Prong Twist Lock Plug – Male
24	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
25	1015552	Two-Prong Twist Lock Plug – Female
26	1015100	Blastmaster® 151E Remote Control Switch
27	1015541	Battery Clamps with 2' 16/2 Xtreme-Duty® Electric Cord
28	1015543	25' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs <i>(Includes Item #'s: 23, 24, and 25)</i>
29	1019001	12-Volt DC 190 Electric Control Assembly – Complete
30	1019044	1/4-20 x 1-3/4" Zinc Bolt <i>(Quantity of Two)</i>
31	1014017	1/4" Flat Washer <i>(Quantity of Two)</i>
32	1012323	1/4"-20 Zinc Lock Nut with Nylon Insert <i>(Quantity of Two)</i>

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PART NUMBERS AND SCHEMATICS GUIDE

Figure 8: Complete 12-Volt DC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve



PART NUMBERS AND SCHEMATICS GUIDE

COMPLETE 120-VOLT AC ELECTRIC CONVERSION KITS – 6.0 THROUGH 6.5 CU. FT. BLAST POTS

Part Numbers	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve	12-Volt AC 190 Electric Control Assembly	Blastmaster® 151E Remote Control Switch	1-1/2" Inlet Valve	1" Diaphragm Outlet Valve	Abrasive Trap	Xtreme-Duty® Power Cord – 50 Ft. (to remote control switch)	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
10107263	X		X	X	X	X	X	1015542	X
10107264		X	X	X	X	X	X	1015542	X

For converting bare pot to electric remote control system

Includes: 12-Volt AC 190 Electric Control Assembly, Blastmaster® Bantam Abrasive Metering Valve, Blastmaster® 151E Remote Control Switch, Xtreme-Duty® Power Cord, Power Converter, Inlet Valve, Diaphragm Outlet Valve, and various pipe fittings

PART NUMBERS AND SCHEMATICS GUIDE



PART NUMBERS AND SCHEMATICS GUIDE

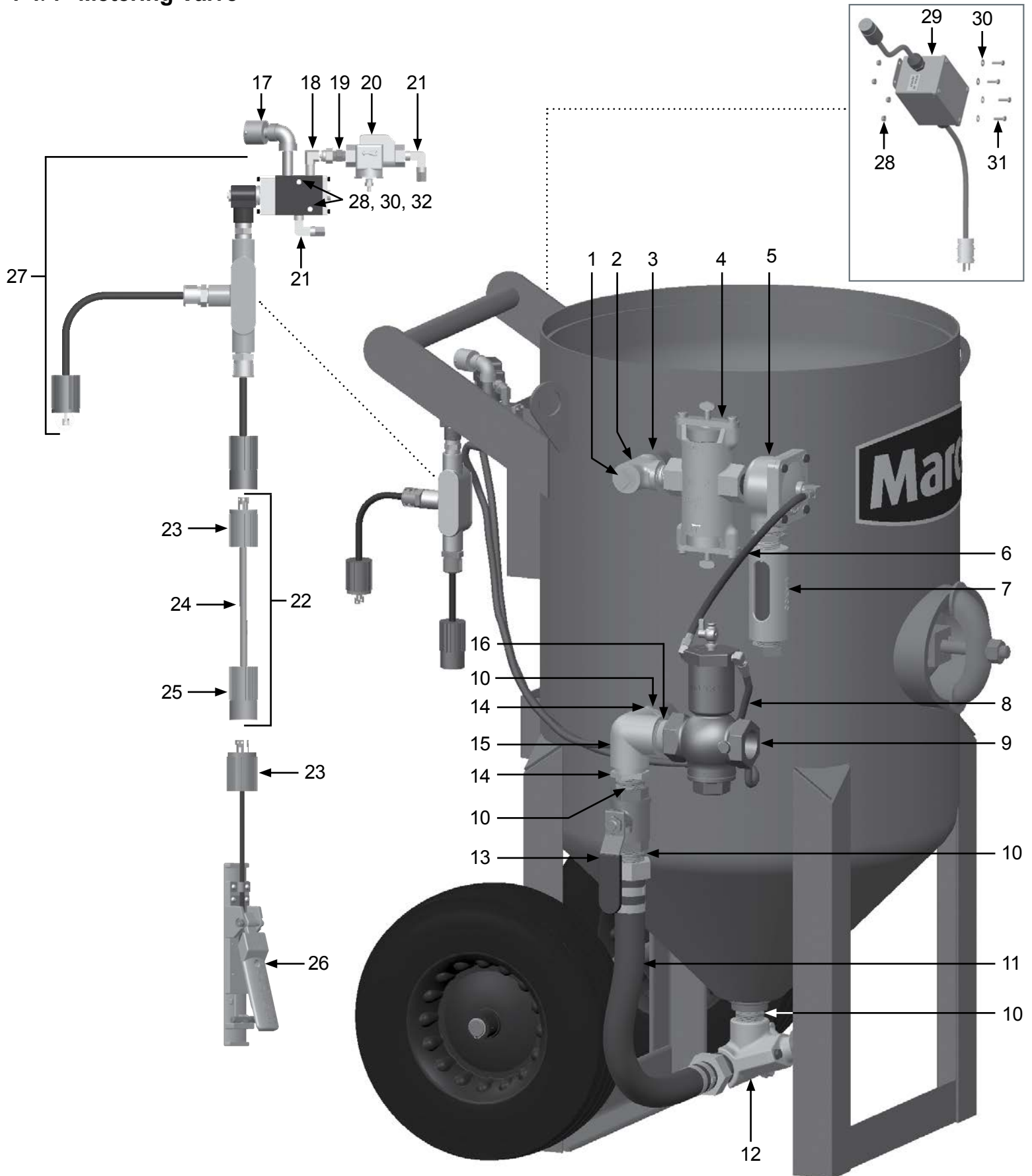
Complete 120-Volt AC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve

Item #	Part #	Description
Fig. 9		
—	10107263	Complete 120-Volt AC Electric Conversion Kit – 1-1/4" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	10TL5	Coupled Pneumatic Twinline Hose – 5 Feet
9	1012200	1-1/2" Inlet Valve – Complete
10	1011201	1-1/4" Galvanized Close Nipple (<i>Four Required</i>)
11	1006311	1-1/4" I.D. Pusher Line Assembly
12	1014101	Blastmaster® 1-1/4" Bantam Abrasive Metering Valve – Complete
13	1011602	1-1/4" NPT Full Port Brass Ball Valve
14	1011501	1-1/4" x 1-1/2" NPT Bushing (<i>Two Required</i>)
15	1011804	1-1/2" 90° Elbow with Side-Out
16	1014015	1-1/2" NPT Close Nipple
17	10DE025	1/4" Dust Eliminator
18	1012326	1/4" NPT 90° Swivel
19	1017019	1/4" x 1/4" Hex Nipple
20	10WS	Watts Strainer
21	1012051	1/4" NPT Brass Elbow (<i>Two Required</i>)
22	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 23, 24, and 25</i>)
23	1015551	Two-Prong Twist Lock Plug – Male
24	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
25	1015552	Two-Prong Twist Lock Plug – Female
26	1015100	Blastmaster® 151E Remote Control Switch
27	1019002	12-Volt AC 190 Electric Control Assembly – Complete
28	1012323	1/4–20 Zinc Lock Nut with Nylon Insert
29	1030020	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
30	1014017	1/4" Flat Washer
31	1012154	1/4–20 x 1" Hex Bolt
32	1019044	1/4-20 x 1-3/4" Zinc Bolt

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Figure 9: Complete 120-Volt AC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/4" Metering Valve



PART NUMBERS AND SCHEMATICS GUIDE

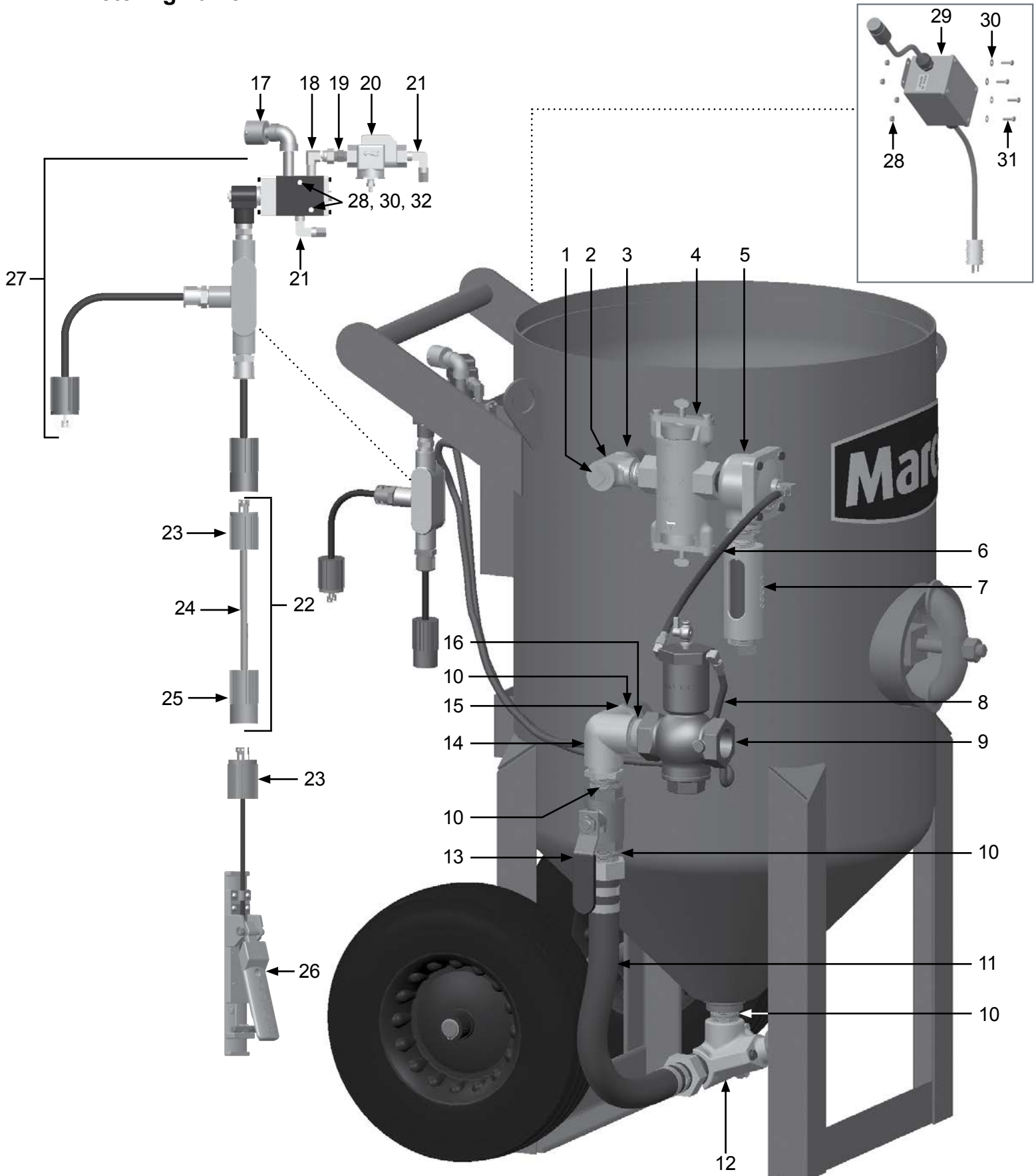
Complete 120-Volt AC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve

Item #	Part #	Description
Fig. 10		
—	10107264	Complete 120-Volt AC Electric Conversion Kit – 1-1/2" Bantam Abrasive Metering Valve
1	1011901	1" NPT Square Head Pipe Plug
2	1011816	1" NPT Pipe Tee
3	1011843	1" x 2-1/2" NPT Close Nipple
4	1012000	Abrasive Trap – Complete
5	1012150	1" Diaphragm Outlet Valve
6	10CL18	Coupled Pneumatic Control Line – 18 Inches
7	1011100	Abrasive Blasting Pot Muffler – Complete
8	10TL5	Coupled Pneumatic Twinline Hose – 5 Feet
9	1012200	1-1/2" Inlet Valve – Complete
10	1011201	1-1/4" Galvanized Close Nipple (<i>Four Required</i>)
11	1006312	1-1/2" I.D. Pusher Line Assembly
12	1014102	Blastmaster® 1-1/2" Bantam Abrasive Metering Valve – Complete
13	1011603	1-1/2" NPT Full Port Brass Ball Valve
14	1011804	1-1/2" 90° Elbow with Side-Out
15	1011501	1-1/4" x 1-1/2" NPT Bushing
16	1014015	1-1/2" NPT Close Nipple
17	10DE025	1/4" Dust Eliminator
18	1012326	1/4" NPT 90° Swivel
19	1017019	1/4" x 1/4" Hex Nipple
20	10WS	Watts Strainer
21	1012051	1/4" NPT Brass Elbow (<i>Two Required</i>)
22	1015542	50' of Xtreme-Duty® Power Cord with Male and Female Twist-Lock Plugs (<i>Includes Item #'s: 23, 24, and 25</i>)
23	1015551	Two-Prong Twist Lock Plug – Male
24	1015540	16/2 Xtreme-Duty® Electric Cord – Per Foot
25	1015552	Two-Prong Twist Lock Plug – Female
26	1015100	Blastmaster® 151E Remote Control Switch
27	1019002	12-Volt AC 190 Electric Control Assembly – Complete
28	1012323	1/4–20 Zinc Lock Nut with Nylon Insert
29	1030020	Blastmaster® 120-Volt AC to 12-Volt AC Power Converter
30	1014017	1/4" Flat Washer
31	1012154	1/4–20 x 1" Hex Bolt
32	1019044	1/4-20 x 1-3/4" Zinc Bolt

See page 38 for product literature

PART NUMBERS AND SCHEMATICS GUIDE

Figure 10: Complete 120-Volt AC Electric Conversion Kit – 6.0 through 6.5 Cu. Ft. Blast Pots – 1-1/2" Metering Valve



OPTIONAL ACCESSORIES

		XTREME-DUTY® ELECTRIC CORD					
		Gauge	# of Wires	Color	Type	Cover Material	U.O.M.
	Part Numbers						
	1015540	16	2	Red	Xtreme-Duty®	Polyurethane	Per Foot

		ELECTRIC CORD					
		Gauge	# of Wires	Color	Type	Cover Material	U.O.M.
	Part Numbers						
	10106833	16	2	Black	Economy	Thermoplastic Elastomer	Per Foot
	1030013	14	2	Black	Economy	Thermoplastic Elastomer	Per Foot
	1015550	14	3	Black	Economy	Thermoplastic Elastomer	Per Foot

		XTREME-DUTY® ELECTRIC CONTROL LINE WITH PLUGS							
		Gauge	# of Wires	Color	Type	Cover Material	2-Prong Male Twist-Lock Plug	2-Prong Female Twist-Lock Plug	U.O.M.
	Part Numbers								
	1015543	16	2	Red	Xtreme-Duty®	Polyurethane	1015551	1015552	25 Ft.
	1015542	16	2	Red	Xtreme-Duty®	Polyurethane	1015551	1015552	50 Ft.
	10105953	16	2	Red	Xtreme-Duty®	Polyurethane	1015551	1015552	100 Ft.

OPTIONAL ACCESSORIES

		ELECTRIC CONTROL LINE WITH PLUGS							
	Part Numbers	Gauge	# of Wires	Color	Type	Cover Material	2-Prong Male Twist-Lock Plug	2-Prong Female Twist-Lock Plug	U.O.M.
	10106867	16	2	Black	Economy	Thermoplastic Elastomer	1015551	1015552	25 Ft.
	10106866	16	2	Black	Economy	Thermoplastic Elastomer	1015551	1015552	50 Ft.
	10106865	16	2	Black	Economy	Thermoplastic Elastomer	1015551	1015552	100 Ft.

		ELECTRIC CONTROL LINE PLUGS	
	Part Numbers	Prong Style	Plug Style
	1030026	3-Prong Male	Standard
	1015551	2-Prong Male	Twist-Lock
	1015552	2-Prong Female	Twist-Lock

LITERATURE REFERENCES

Remote Control System

105M141	Features and Specifications Guide – Blastmaster® 121E Remote Control System
106M141	Part Numbers and Schematics Guide – Blastmaster® 121E Remote Control System
1090141	Operator's Manual – Blastmaster® 121E Remote Control System

Remote Control Switch

105M063	Features and Specifications Guide – Blastmaster® 151E Remote Control Switch
106M063	Part Numbers and Schematics Guide – Blastmaster® 151E Remote Control Switch
1090063	Operator's Manual – Blastmaster® 151E Remote Control Switch

Abrasive Metering Valves

105M022	Features and Specifications Guide – Blastmaster® Bantam Abrasive Metering Valve
106M022	Part Numbers and Schematics Guide – Blastmaster® Bantam Abrasive Metering Valve
1090022	Operator's Manual – Blastmaster® Bantam Abrasive Metering Valve

Abrasive Blasting Pot Muffler

105M347	Features and Specifications Guide – Abrasive Blasting Pot Muffler
106M347	Part Numbers and Schematics Guide – Abrasive Blasting Pot Muffler

MAINTENANCE NOTES

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