DIAMOND PRODUCTS®

CORE BORE
PARTS LIST MANUAL

M-1
CORE RIG

MAY 2026

Part #: 1806015-05

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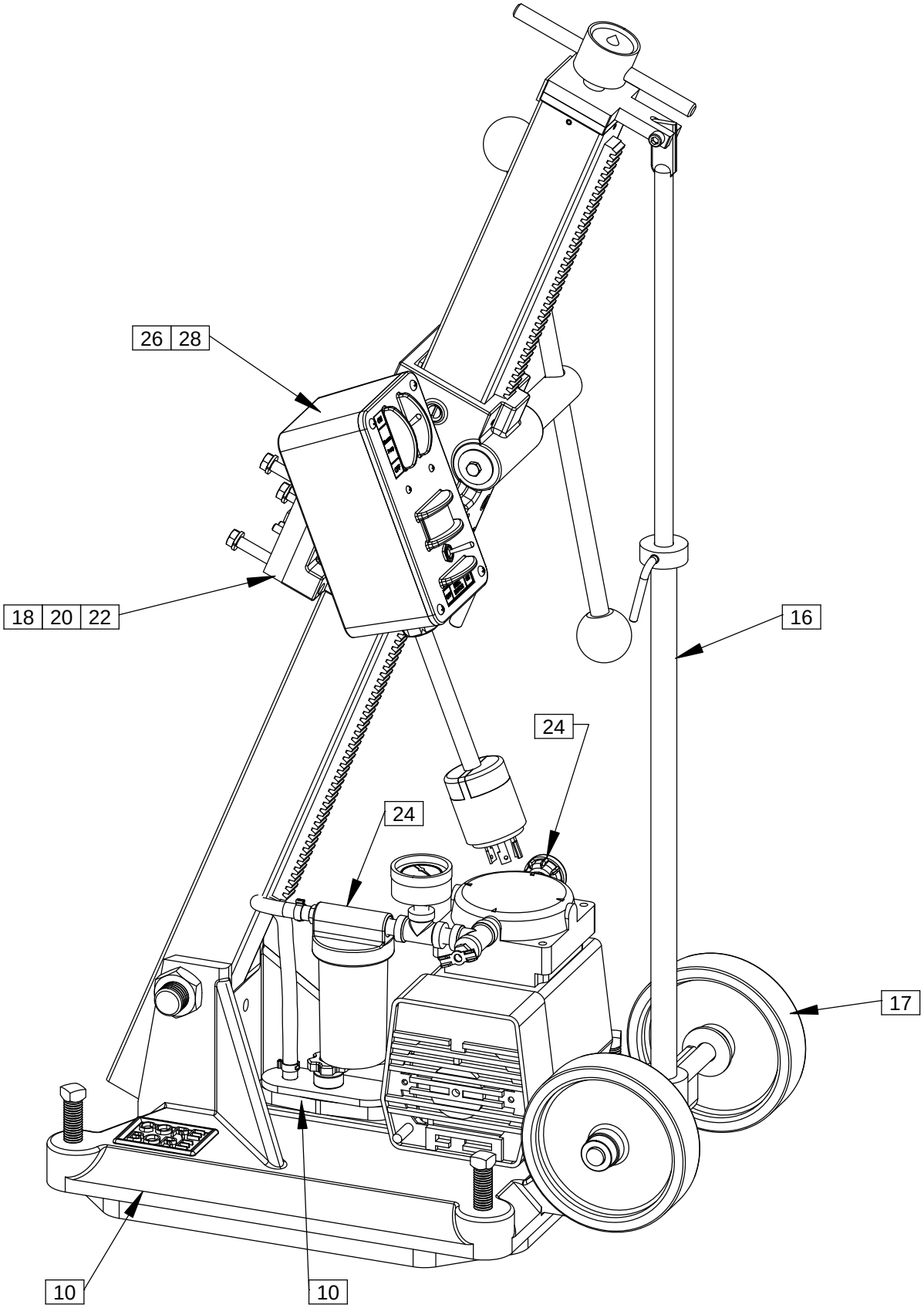
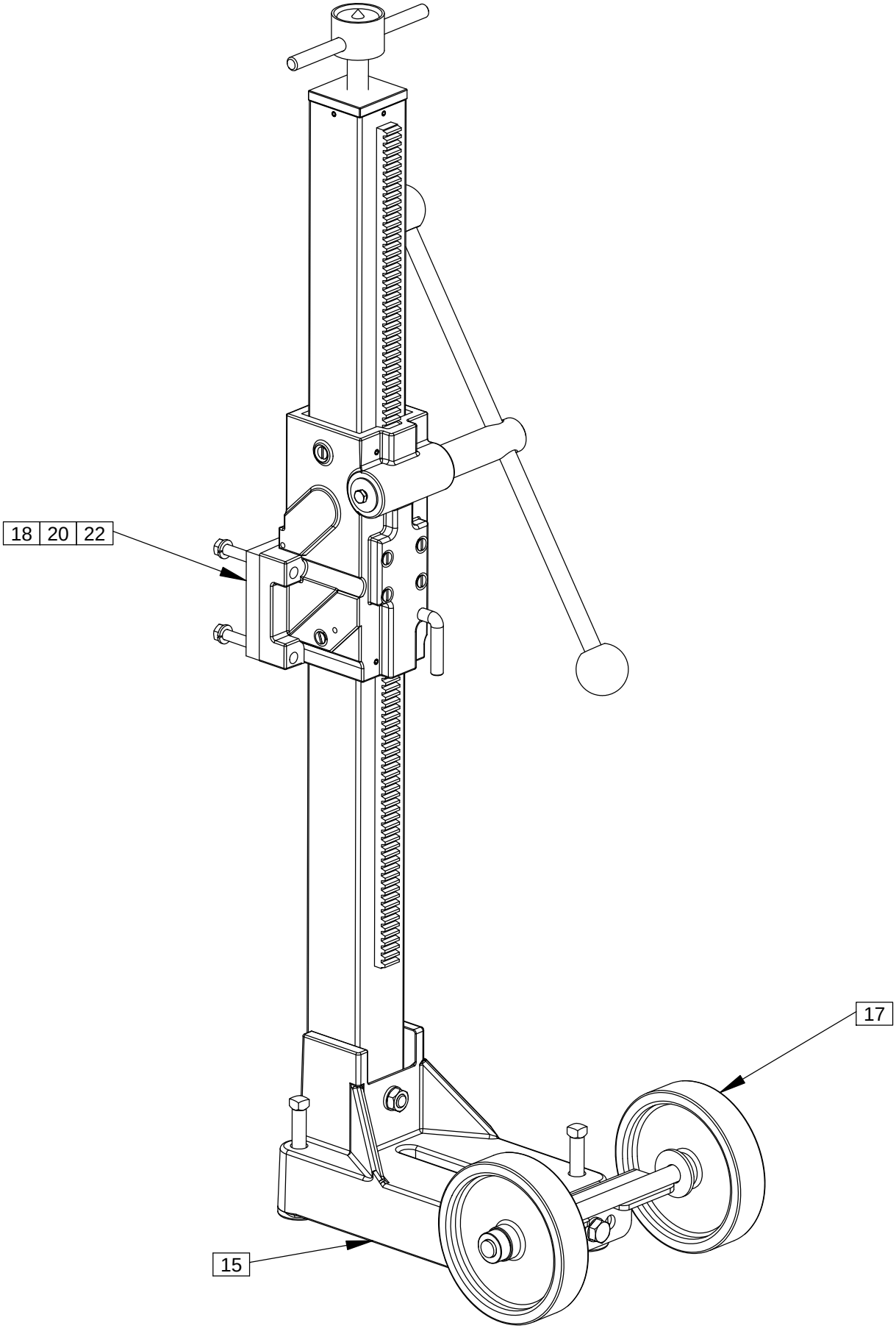
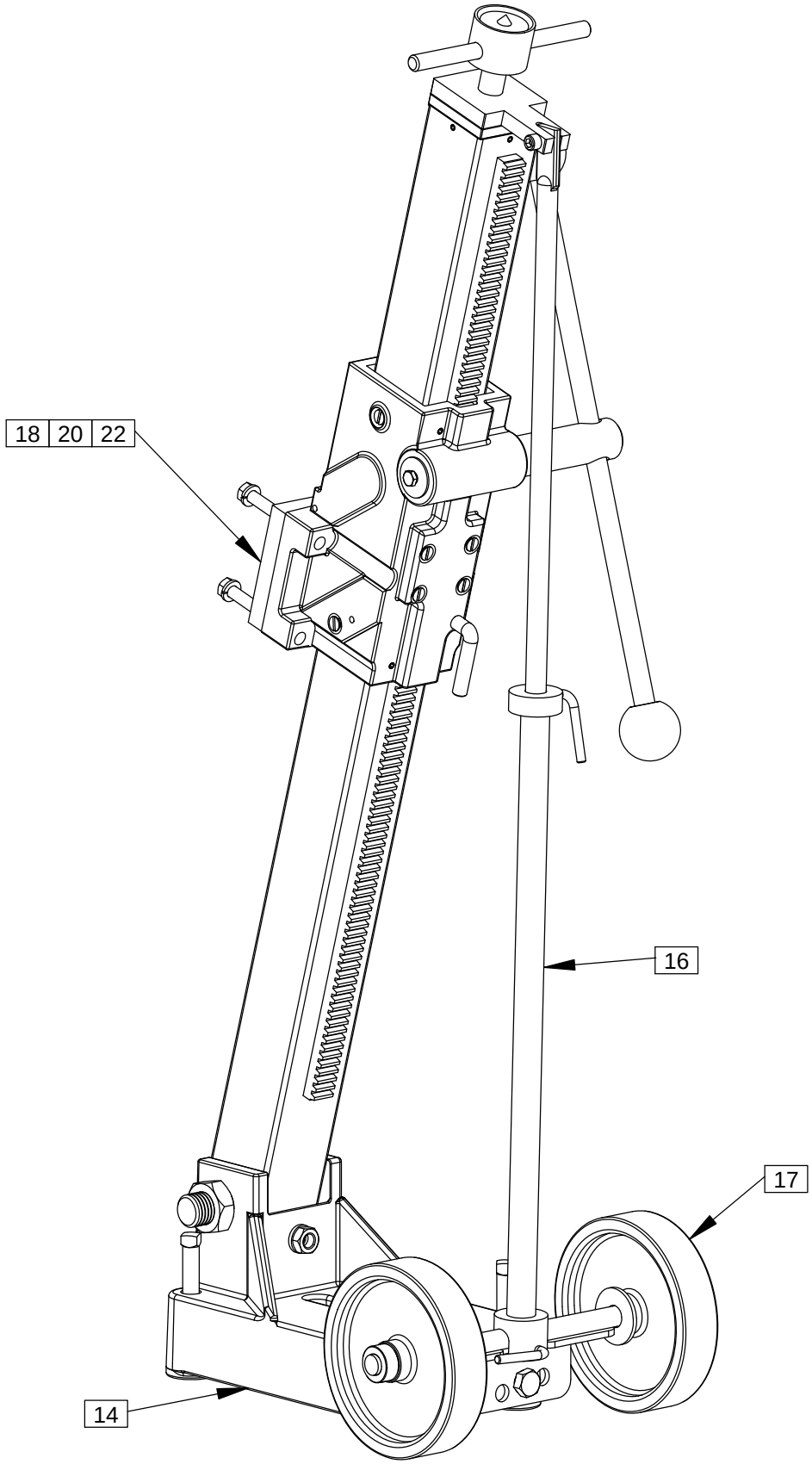
M-1 Angle Complete Combination Stand without Motor
Pictorial Page



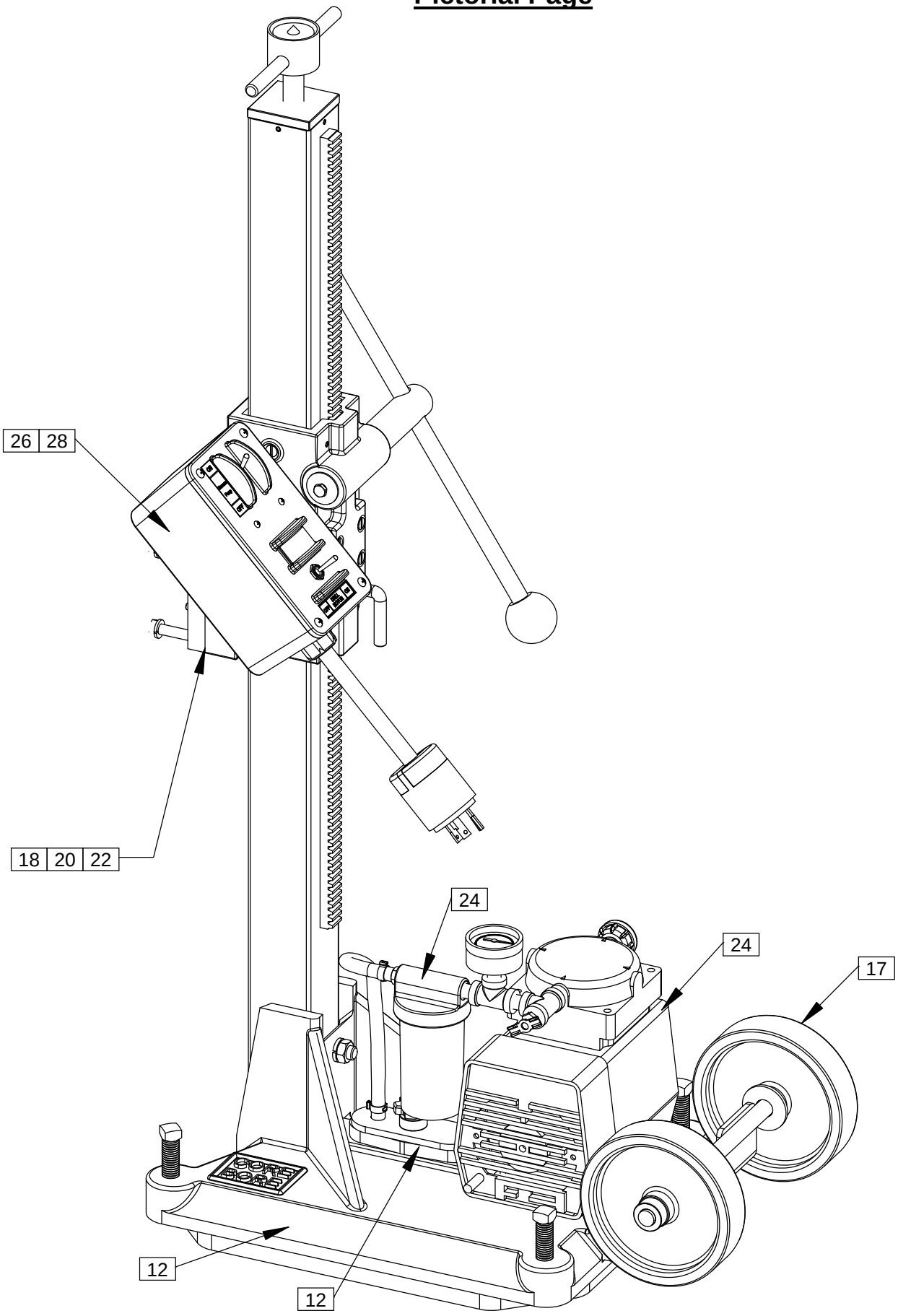
M-1 Standard Complete Anchor Stand without Motor
Pictorial Page Index



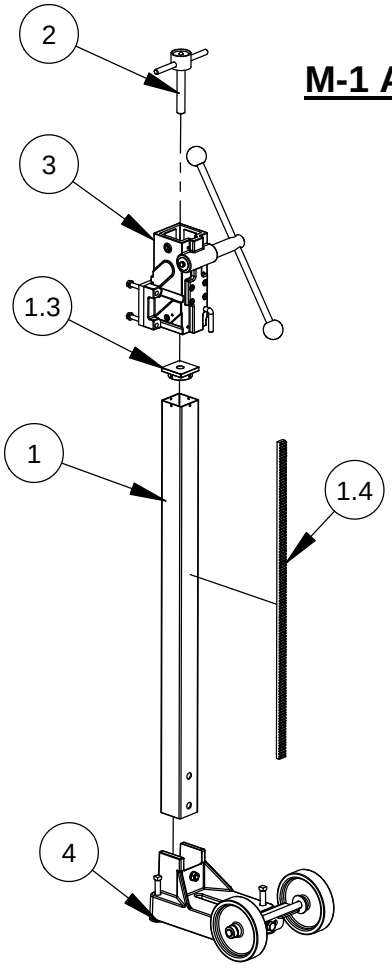
M-1 Angle Complete Anchor Stand without Motor
Pictorial Page Index



M-1 Complete Combination Stand without Motor
Pictorial Page

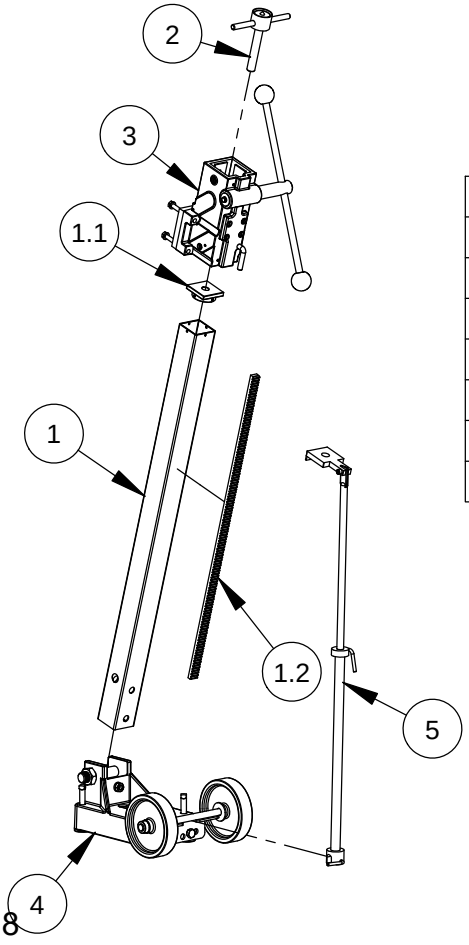


M-1 Angle Anchor and Standard Anchor Stands
CB748 and Milwaukee Motors



Anchor Stand #4246055

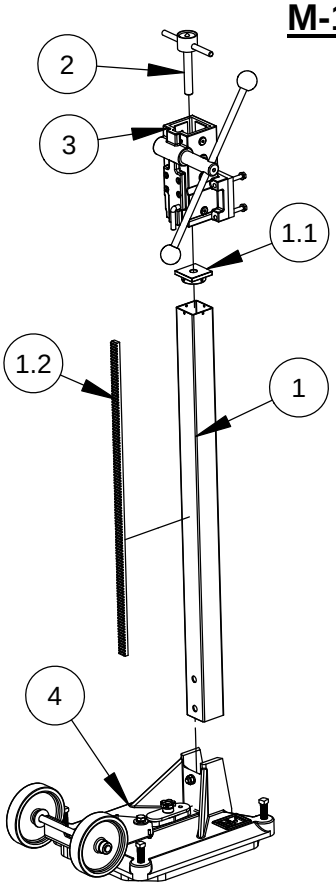
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645015	1	Rig Mast - 42"
1.3	4645073	1	Mast Top with Pins
1.4	2400053	1	Gear Rack - 32"
2	4645016	1	Ceiling Jack
3	4645044	1	Carriage Assembly
4	4246060	1	Anchor Base Assembly



Angle Anchor Stand #4246070

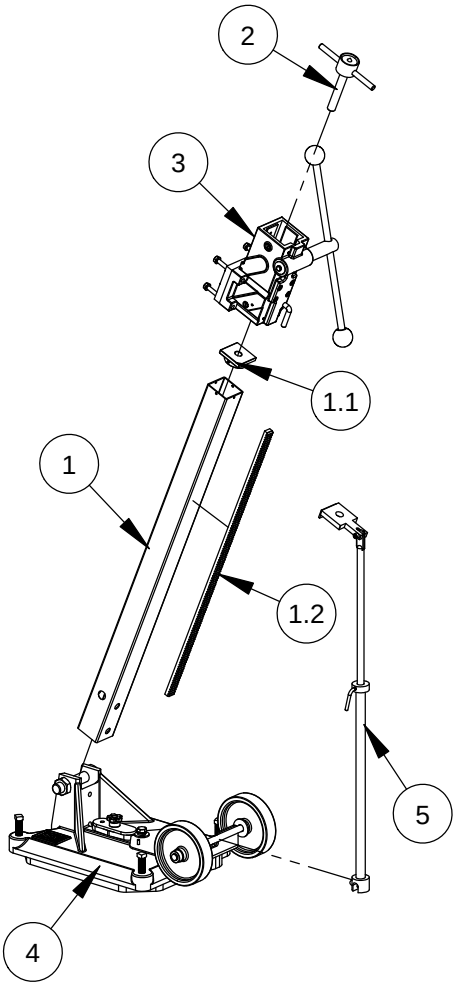
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645068	1	Rig Mast - 42"
1.1	4645073	1	Mast Top with Pins
1.2	2400053	1	Gear Rack - 32"
2	4645016	1	Ceiling Jack
3	4645044	1	Carriage Assembly
4	4645077	1	Anchor Angle Base Assembly
5	4645072	1	Angle Brace Assembly

M-1 Angled and Standard Combination Stands
CB748 and Milwaukee Motors



Combination Stand #4245065

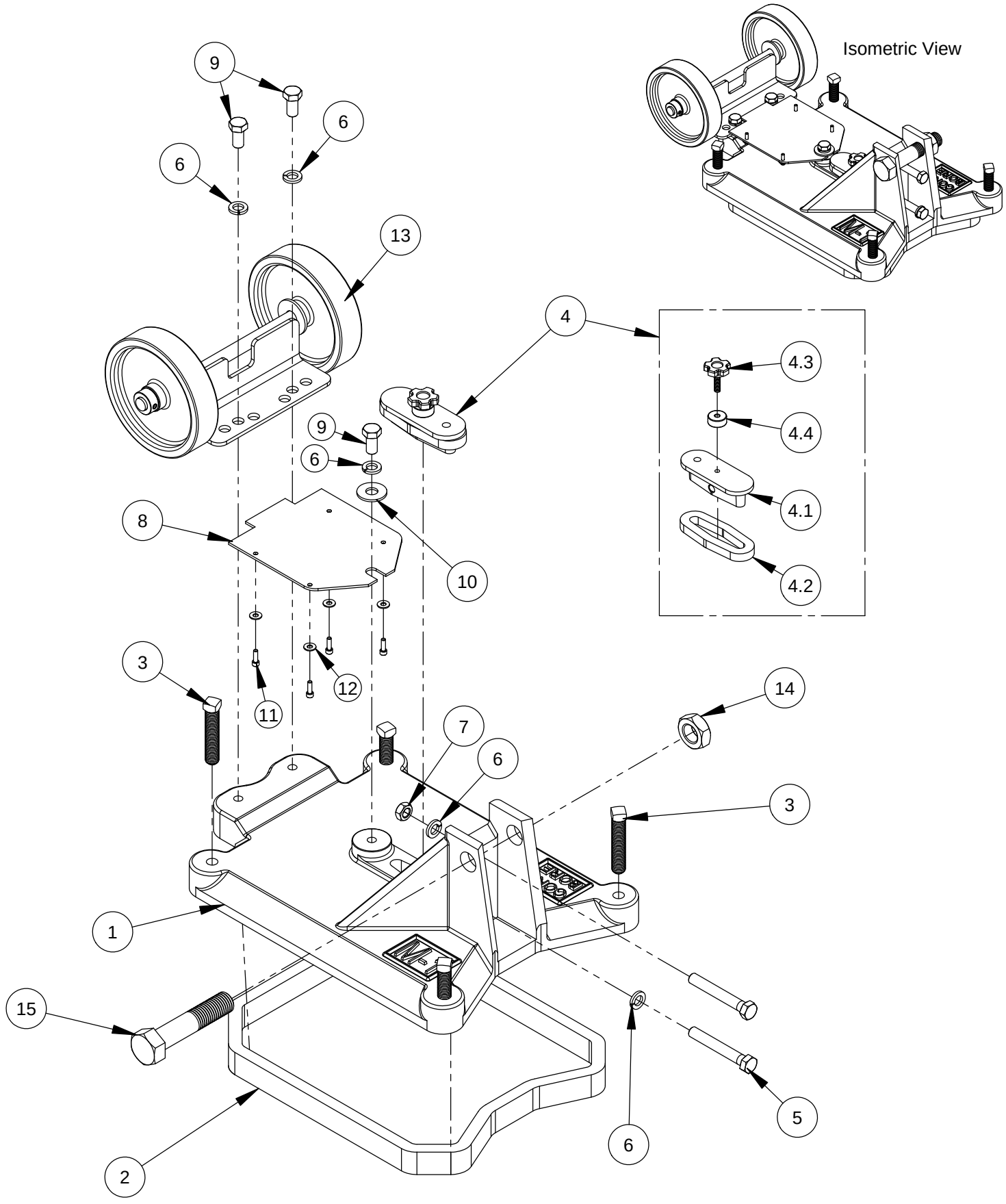
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645015	1	Rig Mast - 42"
1.1	4645073	1	Mast Top with Pins
1.2	2400053	1	Gear Rack - 32"
2	4645016	1	Ceiling Jack
3	4645044	1	Carriage Assembly
4	4245070	1	Combination Base Assembly



Angle Combination Stand #4245062

ITEM	PART NO.	QTY.	DESCRIPTION
1	4645068	1	Rig Mast - 42"
1.1	4645073	1	Mast Top with Pins
1.2	2400053	1	Gear Rack - 32"
2	4645016	1	Ceiling Jack
3	4645044	1	Carriage Assembly
4	4645079	1	Angle Comgination Base Assembly
5	4645072	1	Angle Brace Assembly

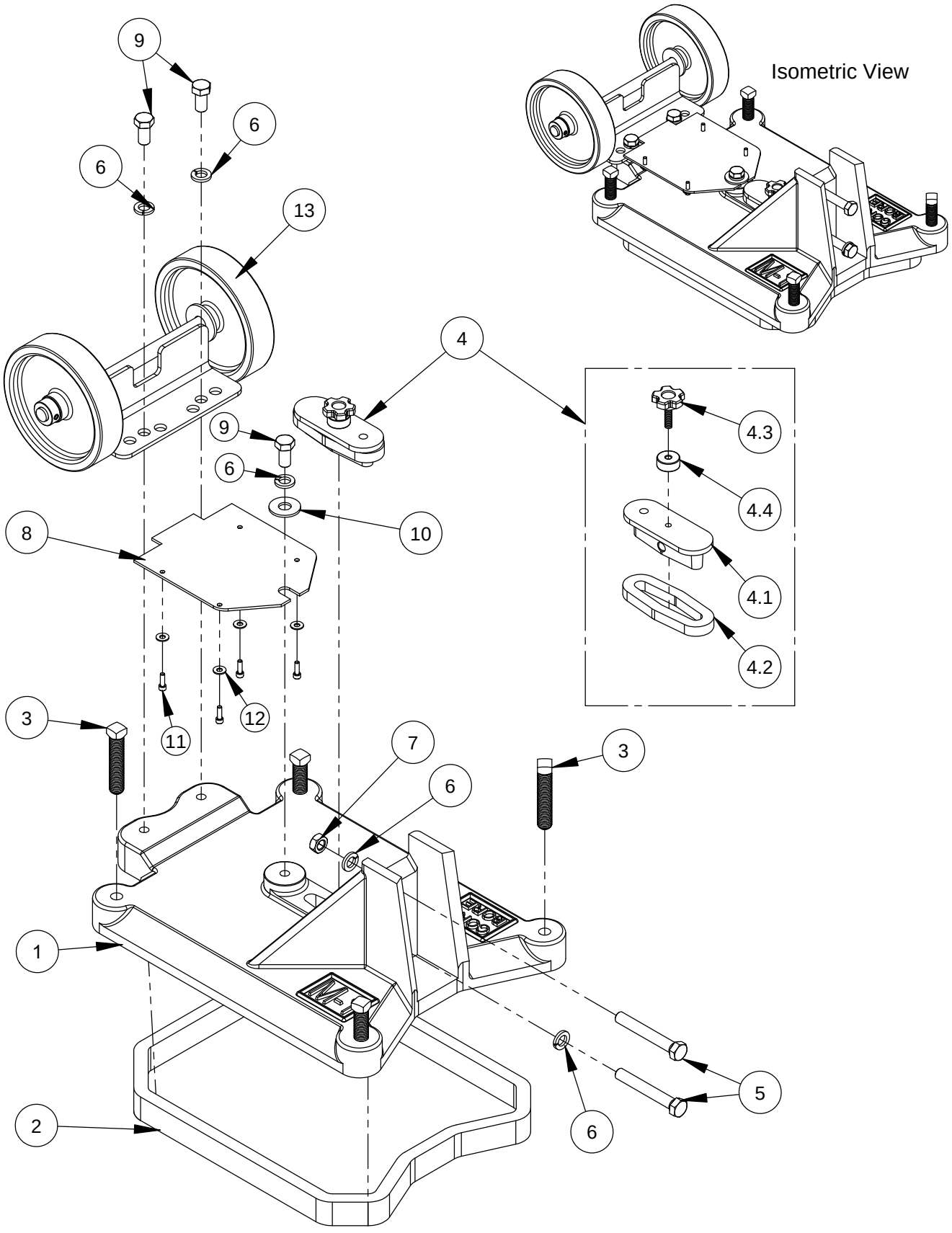
M-1 Angle Combination Base Assembly #4645079



M-1 Angle Combination Base Assembly #4645079

ITEM	PART NO.	QTY.	DESCRIPTION
1	4645074	1	Combination Base
2	4645020	1	Vacuum Gasket
3	2900081	4	Set Screw, Sq. Hd., 5/8-11 x 3"
4	4600046	1	Slot Cap Assembly
4.1	4600004	1	Slot Cap with Balls
4.2	2400003	1	Slot Cap Gasket
4.3	2400130	1	Slot Cap Knob
4.4	2400169	1	Knob Gasket
5	2900080	2	Cap Screw, Hex Hd., 1/2-13 x 3-1/2"
6	2900084	5	Lock Washer, 1/2" Split
7	2900129	1	Jam Nut, 1/2-13
8	4645022	1	Vacuum Platform
9	2900086	3	Cap Screw, Hex Hd., 1/2-13 x 1"
10	2900127	1	Flat Washer, 1/2" USS
11	2900087	4	Cap Screw, Soc. Hd., #10-32 x 5/8"
12	2900016	4	Flat Washer, #10 USS
13	4645046	1	Wheel Assembly
14	2900098	1	Jam Nut, 1"-8
15	2900097	1	Cap Screw, Hex Hd., 1-8 x 4-3/4"

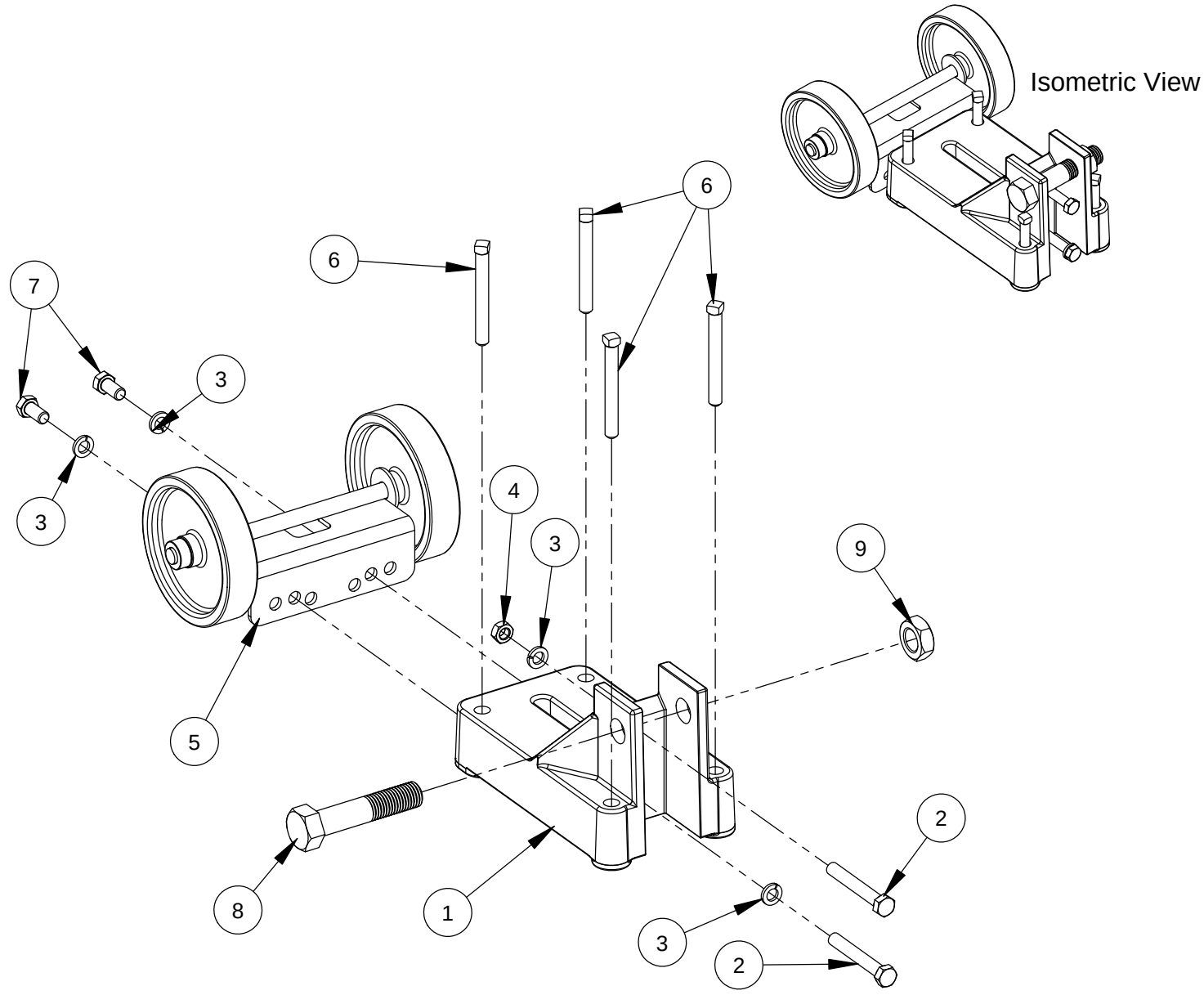
M-1 Combination Base Assembly #4245070



M-1 Combination Base Assembly #4245070

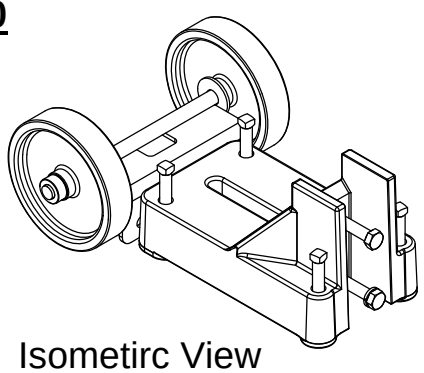
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645019	1	M-1 Combination Base
2	4645020	1	Vacuum Gasket
3	2900081	4	Set Screw, Sq. Hd., 5/8-11 x 3"
4	4600046	1	Slot Cap Assembly
4.1	4600004	1	Slot Cap with Balls
4.2	2400003	1	Slot Cap Gasket
4.3	2400130	1	Slot Cap Knob
4.4	2400169	1	Knob Gasket
5	2900080	2	Cap Screw, Hex Hd., 1/2-13 x 3-1/2"
6	2900084	5	Lock Washer, 1/2" Split
7	2900129	1	Jam Nut, 1/2-13
8	4645022	1	Vacuum Platform
9	2900086	3	Cap Screw, Hex Hd., 1/2-13 x 1"
10	2900127	1	Flat Washer, 1/2" USS
11	2900087	4	Cap Screw, Soc. Hd., #10-32 x 5/8"
12	2900016	4	Flat Washer, #10 USS
13	4645046	1	Wheel Assembly

M-1 Angle Anchor Base #4645077

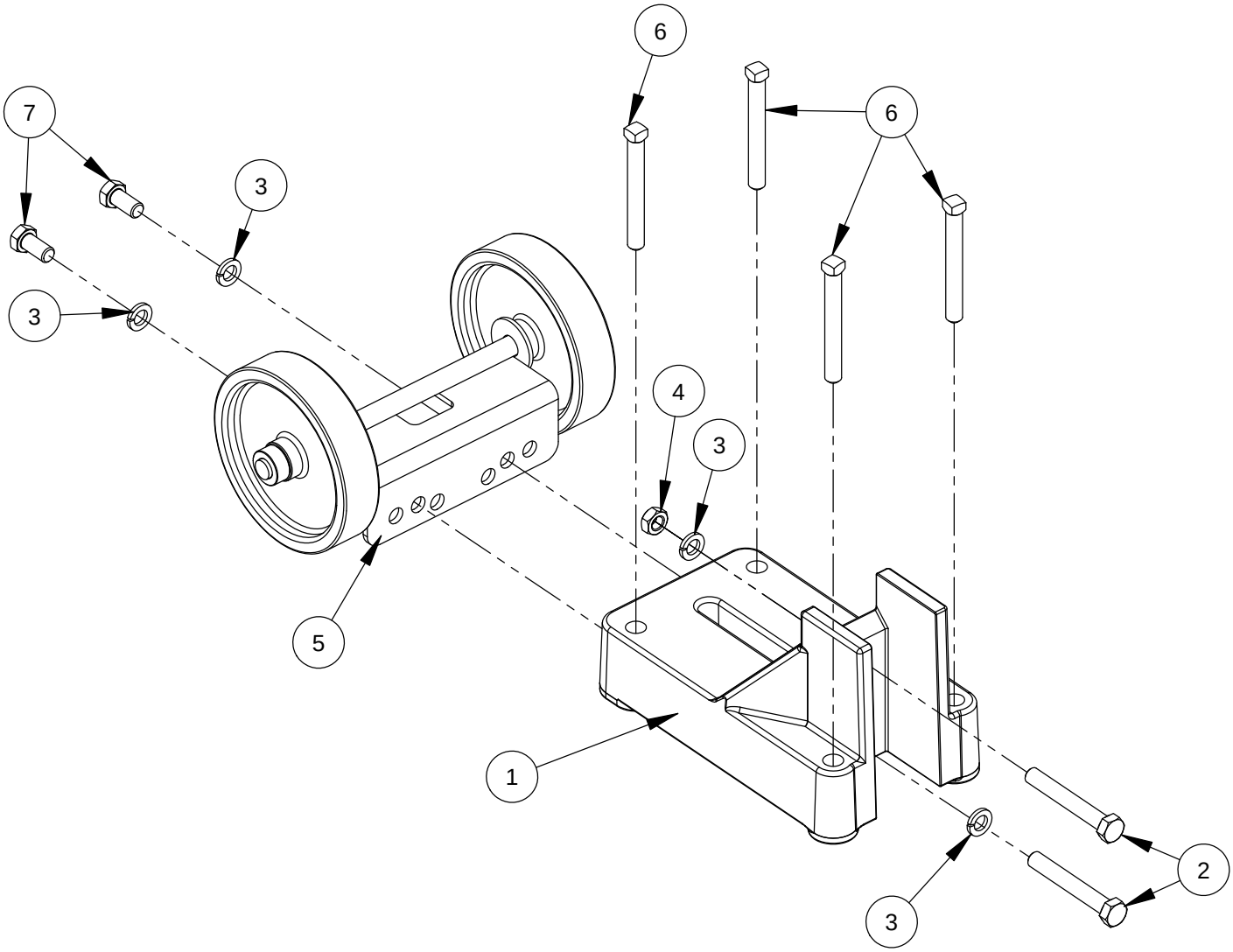


ITEM	PART NO.	QTY.	DESCRIPTION
1	4645076	1	Anchor Base
2	2900080	2	Cap Screw, Hex Hd., 1/2-13 x 3-1/2"
3	2900084	4	Lock Washer, 1/2" Split
4	2900129	1	Jam Nut, 1/2-13
5	4645046	1	Wheel Assembly
6	2900027	4	Set Screw, Sq. Hd., 1/2-13 x 4"
7	2900086	2	Cap Screw, Hex Hd., 1/2-13 x 1"
8	2900097	1	Cap Screw, Hex Hd., 1-8 x 4-3/4"
9	2900098	1	Jam Nut, 1-8

M-1 Anchor Base Assembly #4246060

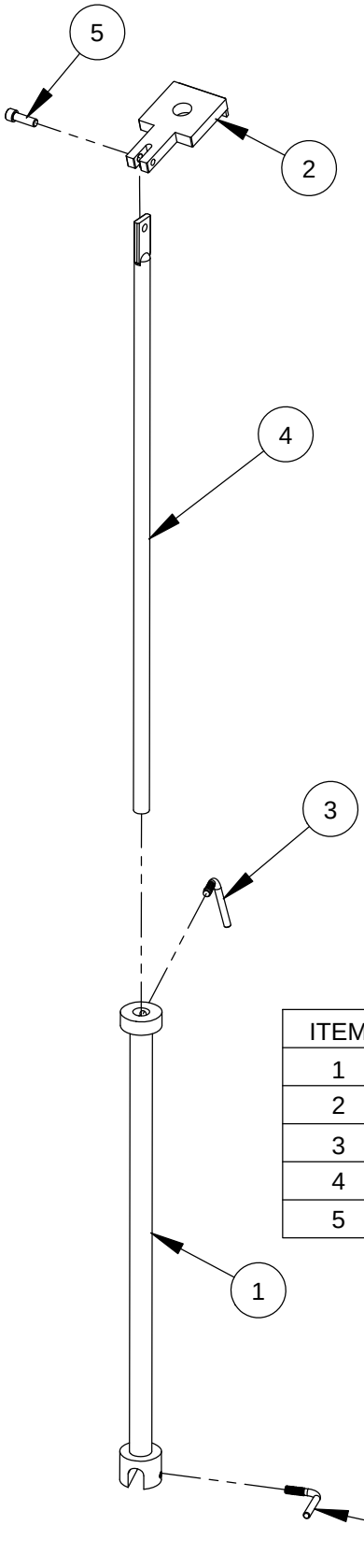


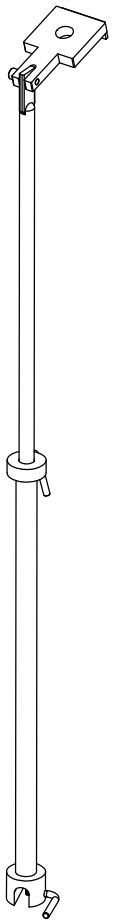
Isometirc View



ITEM	PART NO.	QTY.	DESCRIPTION
1	4645038	1	Anchor Base
2	2900080	2	Cap Screw, Hex Hd., 1/2-13 x 3-1/2"
3	2900084	4	Lock Washer, 1/2" Split
4	2900129	1	Jam Nut, 1/2-13
5	4645046	1	Wheel Assembly
6	2900027	4	Set Screw, Sq. Hd., 1/2-13 x 4"
7	2900086	2	Cap Screw, Hex Hd., 1/2-13 x 1"

M-1 Angle Brace Assembly for 42" Mast #4645072

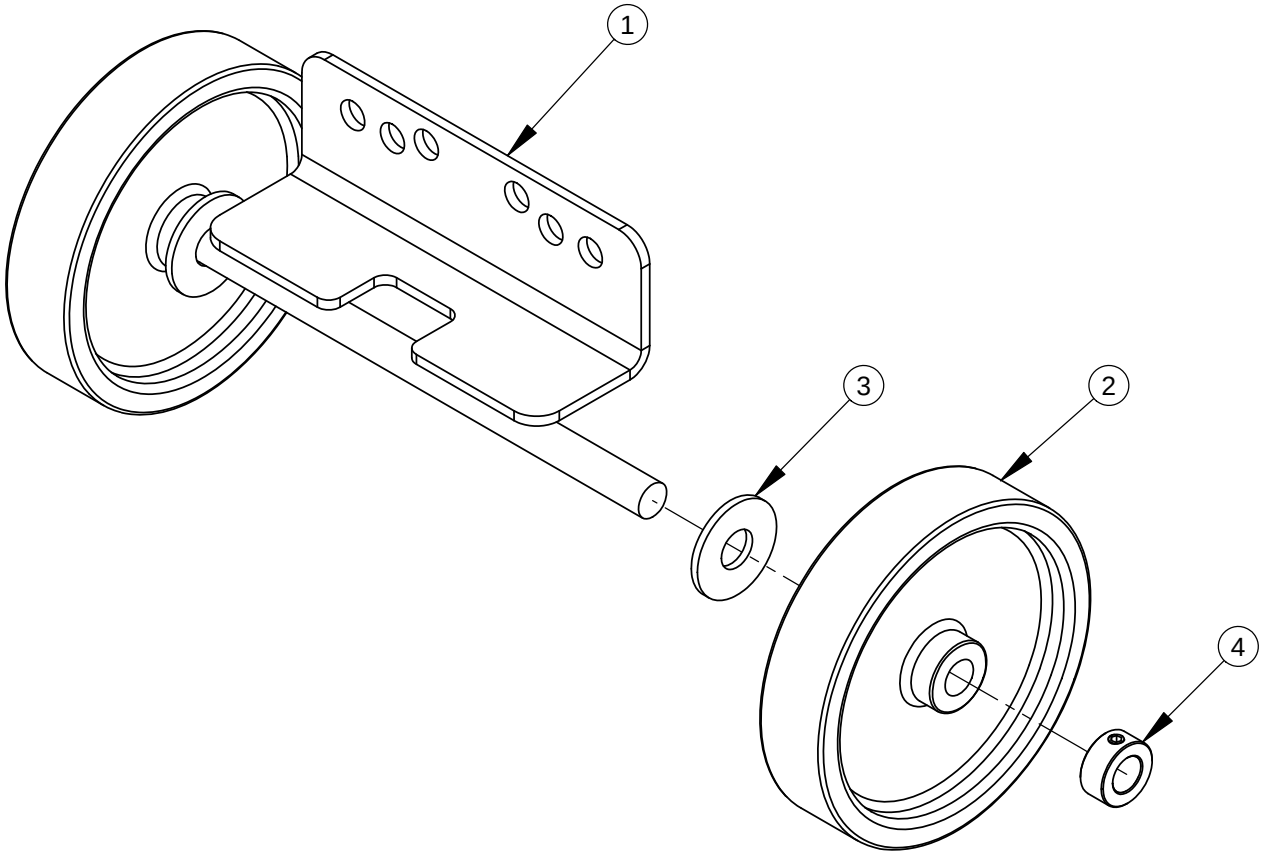




Full View

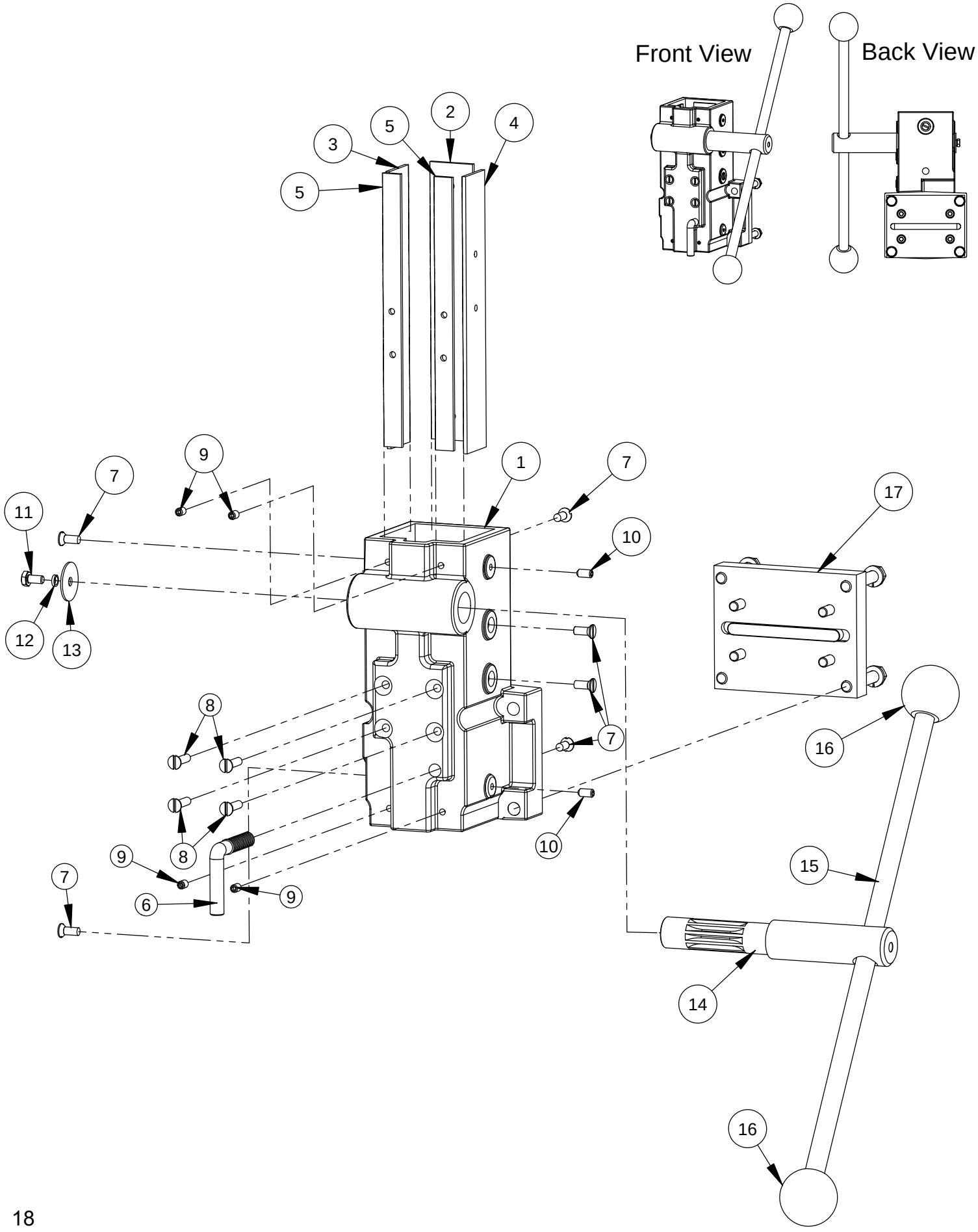
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645105	1	Lower Brace
2	4645080	1	Angle Mast Bracket
3	2900095	2	L-Bolt, 5/16-18
4	4645061	1	Upper Brace
5	2900103	1	Cap Screw, Soc. Hd., 5/16-18 x 1"

Wheel Assembly #4645046
for Anchor Stand



ITEM	PART NO.	QTY.	DESCRIPTION
1	4646077	1	Wheel Mount Bracket Assembly
2	2400004	2	Wheel, 6"
3	2900128	2	Flat Washer, 5/8" USS
4	2500008	2	Set Collar, 5/8" with Set Screw

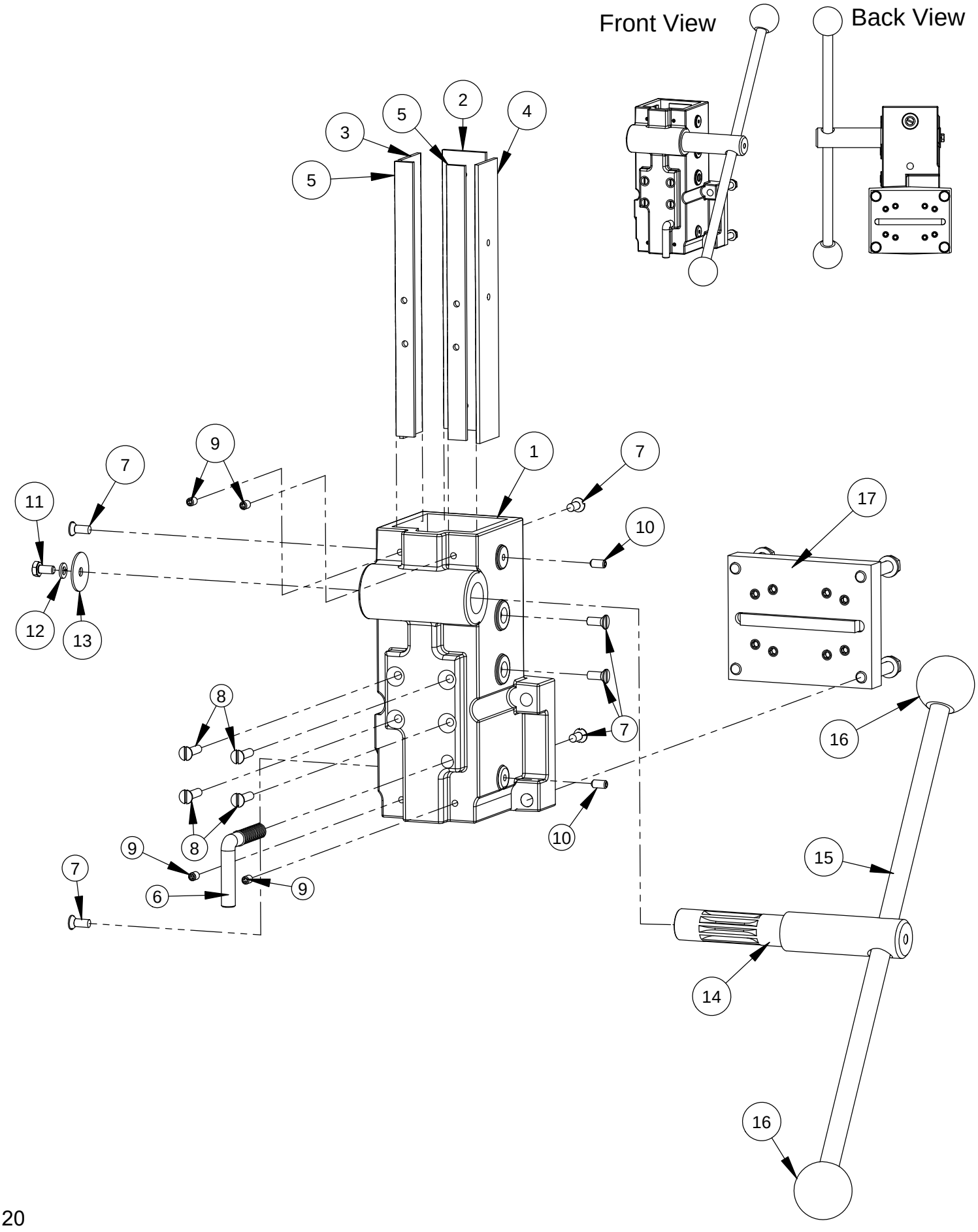
M-1 Carriage Assembly with Motor Mount
CB700 and Weka Motors
#4645108



M-1 Carriage Assembly with Motor Mount
CB700 and Weka Motors
#4645108

ITEM	PART NO.	QTY.	DESCRIPTION
1	4645018	1	M-1 Carriage
2	4645003	1	Non-adjusting Shim 1/8" x 1-1/2" x 9"
3	4645027	1	Non-adjusting Shim 1/8" x 1-1/2" x 9"
4	4645008	1	Adjusting Shim 1/8" x 1-1/2" x 9"
5	4645007	2	Adjusting Shim 1/8" x 5/8" x 8-7/8"
6	2900078	1	"L"-Bolt, 1/2-13
7	2900074	6	Cap Screw, Flat Hd., 1/4-20 x 5/8" Brass
8	2900075	4	Cap Screw, Flat Hd., 1/4-20 x 1" Brass
9	2900101	4	Set Screw, Soc. Hd., 1/4-20 x 3/8"
10	2900076	2	Set Screw, Soc. Hd., 1/4-20 x 1/2"
11	2900082	1	Cap Screw, Hex Hd., 1/4-20 x 1/2"
12	2900404	1	Lock Washer, 1/4" Split High Collar
13	2900083	1	Fender Washer, 1/4" x 1-1/4"
14	4645012	1	M-1 Pinion Gear
15	4645013	1	M-1 Handle 5/8" Diameter x 18"
16	2400001	2	Handle Knob
17	4648031	1	Motor Mount Assembly

M-1 Carriage Assembly with Motor Mount
CB748 and Milwaukee Motors
#4645044

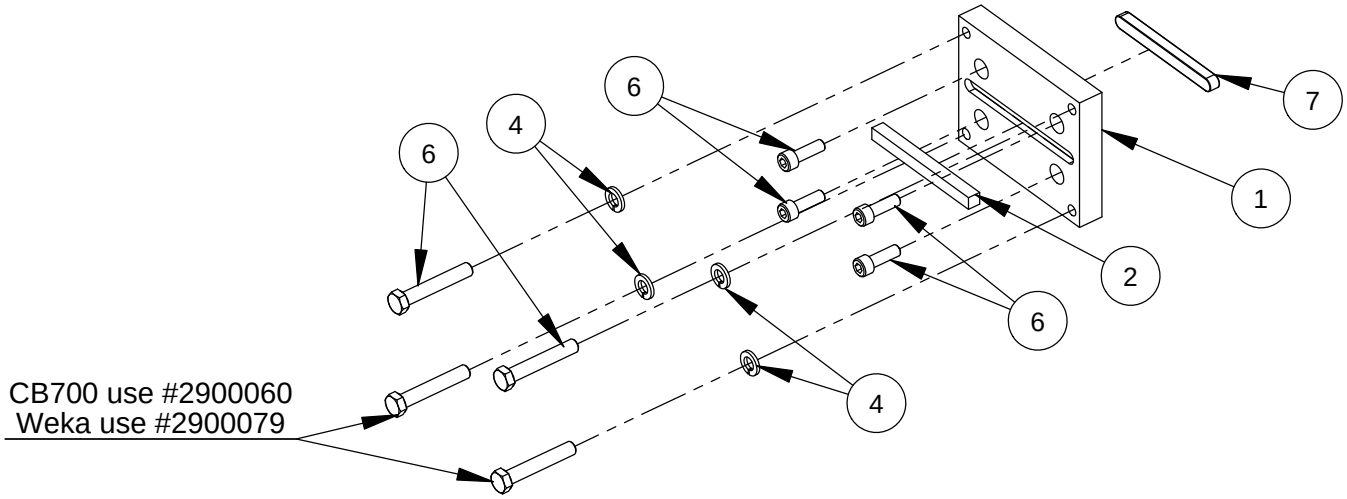


M-1 Carriage Assembly with Motor Mount
CB748 and Milwaukee Motors
#4645044

ITEM	PART NO.	QTY.	DESCRIPTION
1	4645018	1	M-1 Carriage
2	4645003	1	Non-adjusting Shim 1/8" x 1-1/2" x 9"
3	4645027	1	Non-adjusting Shim 1/8" x 1-1/2" x 9"
4	4645008	1	Adjusting Shim 1/8" x 1-1/2" x 9"
5	4645007	2	Adjusting Shim 1/8" x 5/8" x 8-7/8"
6	2900078	1	"L"-Bolt, 1/2-13
7	2900074	6	Cap Screw, Flat Hd., 1/4-20 x 5/8" Brass
8	2900075	4	Cap Screw, Flat Hd., 1/4-20 x 1" Brass
9	2900101	4	Set Screw, Soc. Hd., 1/4-20 x 3/8"
10	2900076	2	Set Screw, Soc. Hd., 1/4-20 x 1/2"
11	2900082	1	Cap Screw, Hex Hd., 1/4-20 x 1/2"
12	2900024	1	Lock Washer, 1/4" Split
13	2900083	1	Fender Washer, 1/4" x 1-1/4"
14	4645012	1	M-1 Pinion Gear
15	4645013	1	M-1 Handle 5/8" Diameter x 18"
16	2400001	2	Handle Knob
17	4645023	1	Motor Mount Assembly

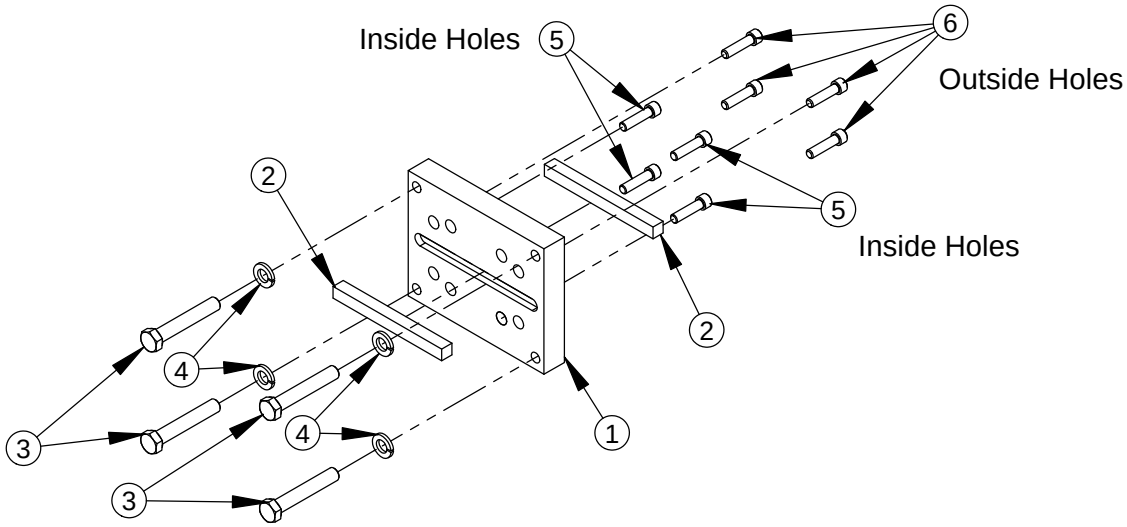
Motor Mount Assemblies

CB700 and Weka Motors #4648031



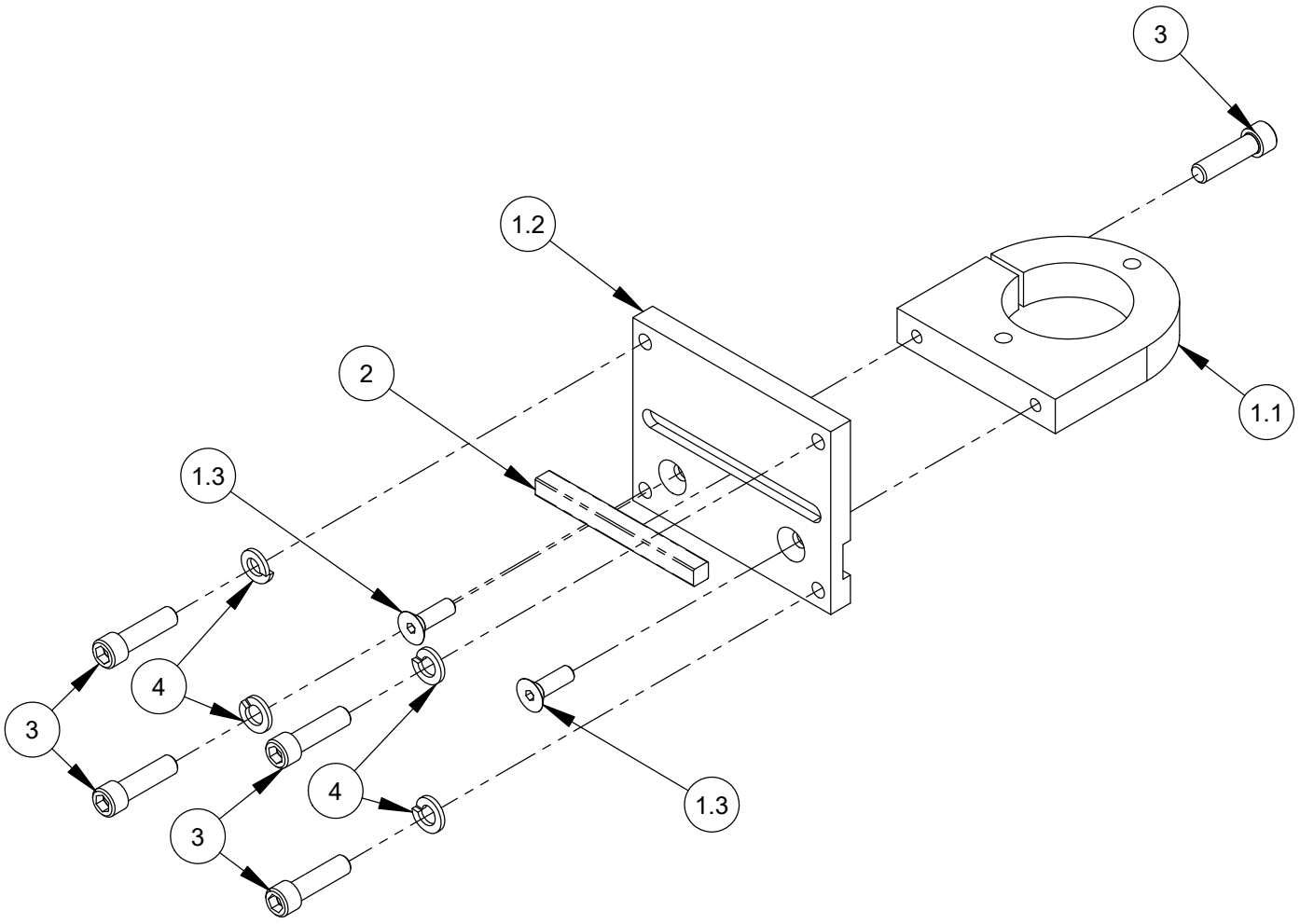
ITEM	PART NO.	QTY.	DESCRIPTION
1	4648032	1	Motor Mount Plate
2	4645006	1	Key, 3/8" Sq. x 4"
6	2900079	4	Cap Screw, Hex Hd., 3/8-16 x 2-1/4"
4	2900006	4	Lock Washer, 3/8" Split
5	2900060	2	Cap Screw, Hex Hd., 3/8-16 x 2"
6	2900161	4	Cap Screw, Soc. Hd., M8-1.25 x 25mm
7	2900263	1	Parallel Key, 10mm x 8mm x 100mm

CB784 and Milwaukee Motors #4645023



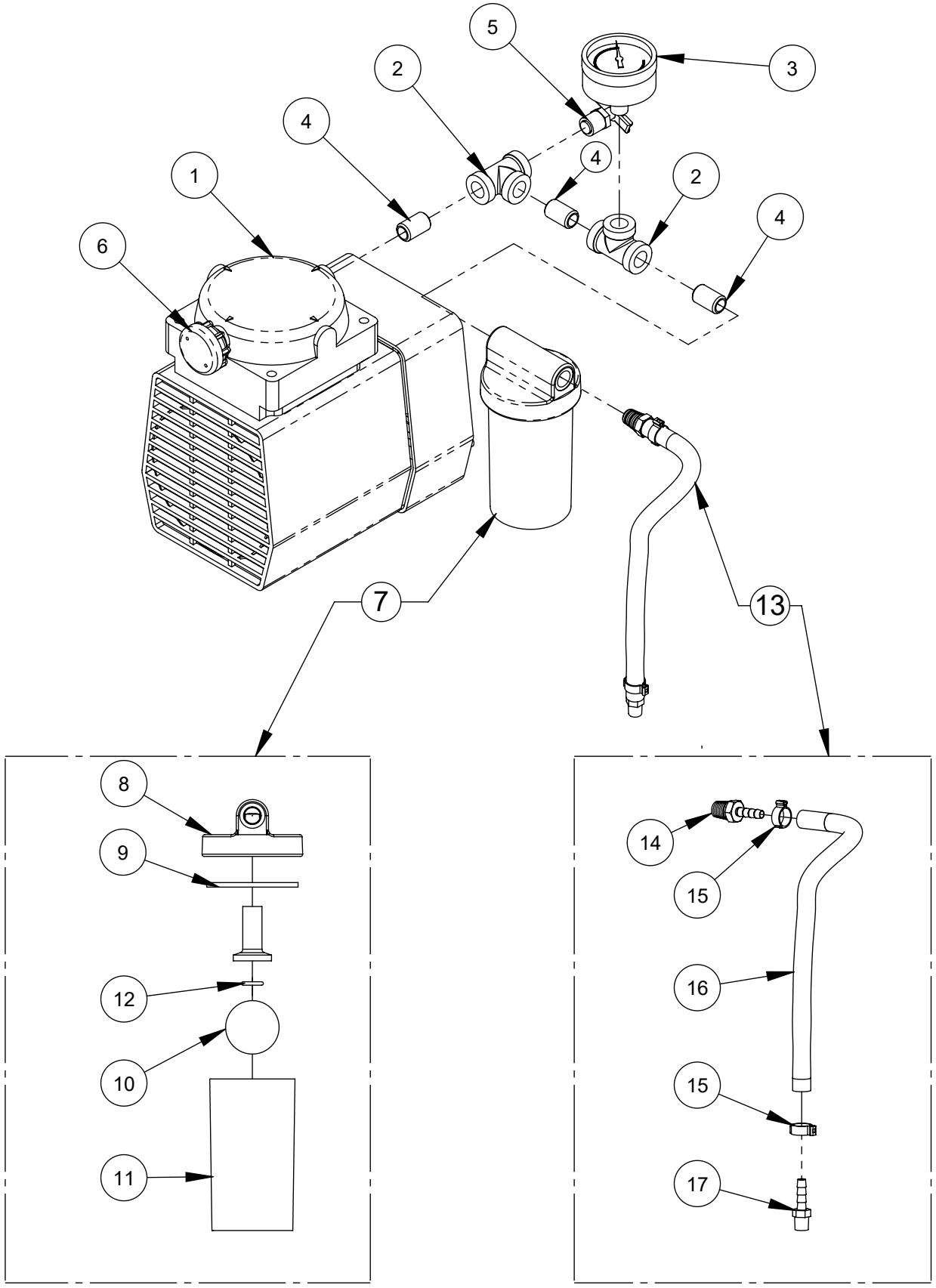
ITEM	PART NO.	QTY.	DESCRIPTION
1	4645010	1	Motor Mount Plate
2	4645006	2	Key, 3/8" Sq. x 4"
3	2900079	4	Cap Screw, Hex Hd., 3/8-16 x 2-1/4"
4	2900006	4	Lock Washer, 3/8" Split
5	2900089	4	Cap Screw, Soc. Hd., 1/4-28 x 1"
6	2900088	4	Cap Screw, Soc. Hd., 1/4-20 x 1"

Motor Mount Assembly, Weka Hand Held #4648004



ITEM	PART NO.	QTY.	DESCRIPTION
1	4648000	1	Weka Hand Held Motor Mount Plate
1.1	4648055	1	Motor Mount, Upright Base
1.2	4648054	1	Weka / Flex Motor Mount Base Plate
1.3	2900174	2	Cap Screw, Flat Hd., 5/16-18 x 1"
2	4645006	1	Key, 3/8" Sq. x 4"
3	2900183	5	Capscrew, Soc Hd., 3/8"-16 X 1-3/8"
4	2900006	4	3/8 Split Lock Washer

Vacuum Pump Assembly 115V #4244075



Vacuum Pump Assembly 115V #4244075

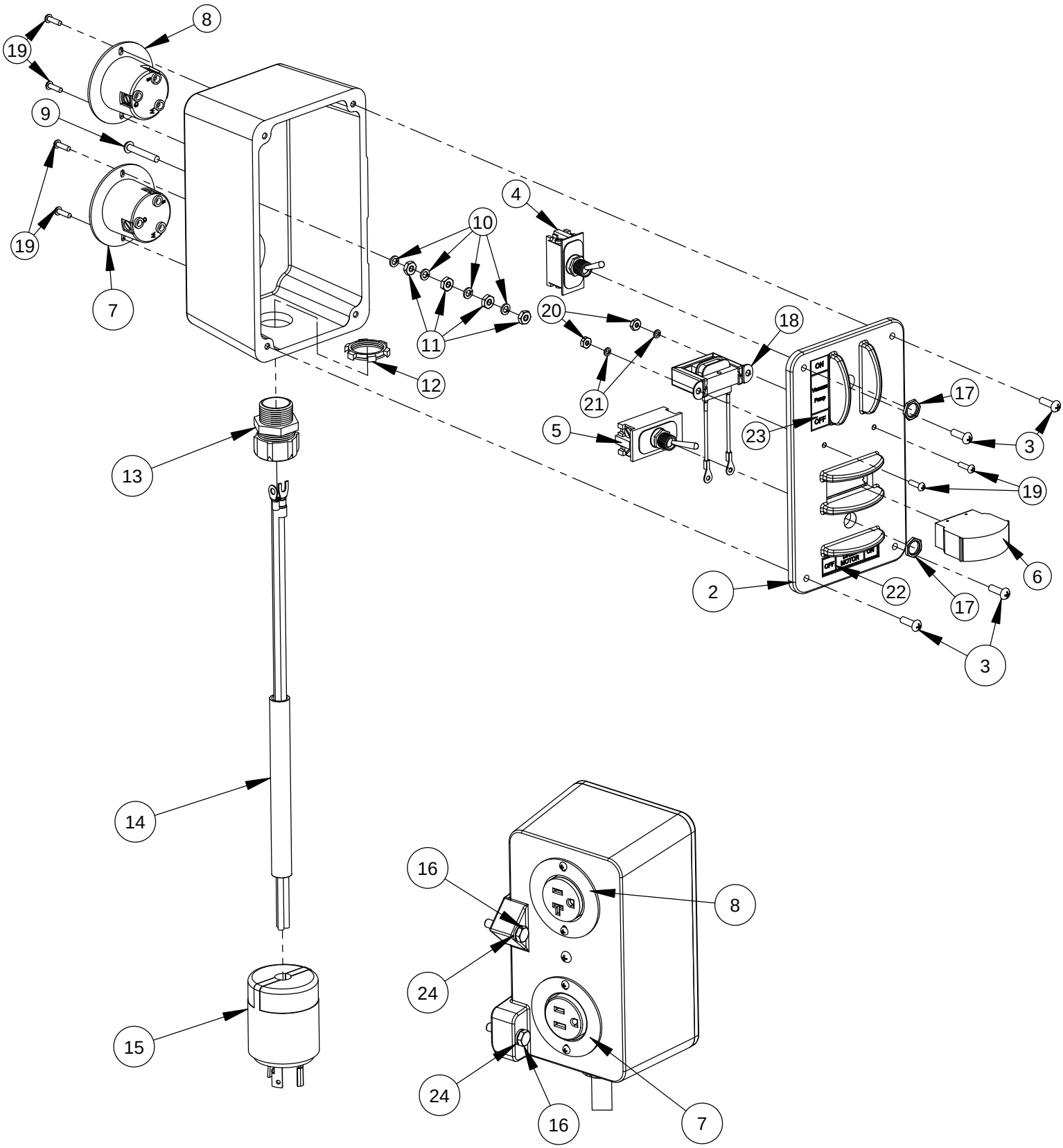
ITEM	PART NO.	QTY.	DESCRIPTION
1	2600016	1	Vacuum Pump, 115 Volt with Water Jar
2	3200010	2	Pipe Tee, 1/4" FPT
3	2700164	1	Gauge, Vacuum
4	3200007	3	Close Nipple, 1/4 NPT
5	3200035	1	Petcock, 1/4" NPT
6	2700168	1	Muffler
7	2700171	1	Water Jar Assembly

ITEM	PART NO.	QTY.	DESCRIPTION
8	2700014	1	Water Jar Lid
9	2700017	1	Water Jar Gasket
10	2700172	1	Float Ball
11	2700170	1	Water Trap Jar
12	2400327	1	O-Ring

ITEM	PART NO.	QTY.	DESCRIPTION
13	4699490	1	Hose Assembly

ITEM	PART NO.	QTY.	DESCRIPTION
14	3200019	1	Fitting, 1/4" M. Pipe to 1/4" Hose Barb
15	3200017	2	Clamp, Pinch On
16	4699430	1	Air Hose
17	3200018	1	Fitting, 1/8" M. Pipe to 1/4" Hose Barb

Dual Switch/Dual Outlet Control Panel 115V #4243000

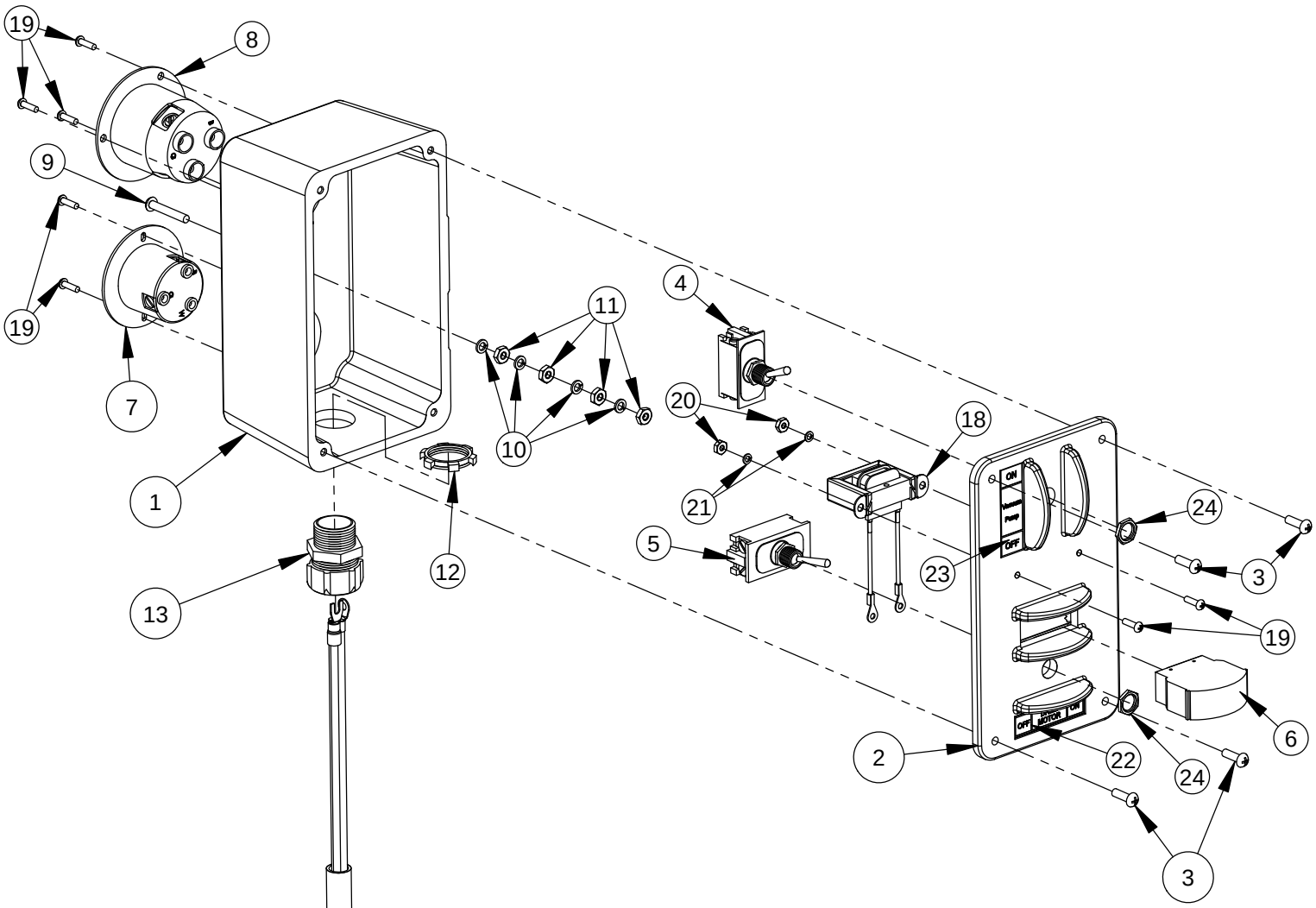


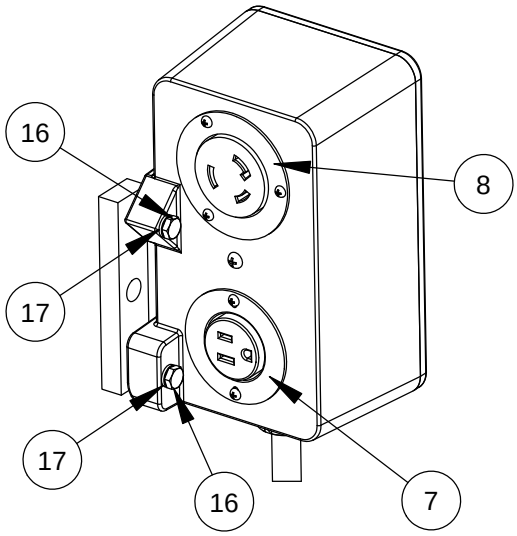
Back View of Control Panel

Dual Switch/Dual Outlet Control Panel 115V #4243000

ITEM	PART NO.	QTY.	DESCRIPTION
1	4699440	1	Control Box Body
2	4699460	1	Cover Plate
3	2900159	4	Machine Screw, Rd. Hd., #10-24 x 5/8"
4	2800016	1	Toggle Switch 16Amp/125V
5	2800017	1	Toggle Switch 20Amp/125V
6	2800020	1	Amp Meter 115V, 0-25 Amp
7	2800018	1	Flanged Outlet, 15 Amp, 125 Volt
8	2800896	1	Flanged Outlet, 15 Amp, 125 Volt
9	2900172	1	Machine Screw, Rd. Hd., #10-24 x 1-1/4"
10	2900038	4	Lock Washer, #10 Split
11	2900050	4	Hex Nut, #10-24
12	2800050	1	Lock Nut, 3/4" Sealing
13	2800043	1	Connector, 3/4" Cord
14	4699500	1	Line Cord for 115 Volt -14"
15	2800023	1	Plug, 125V, 30A, Twist Lock
16	2900052	2	Cap Screw, Hex Hd., 1/4-20 x 1-1/4"
17	2900204	2	Nut, Toggle Switch, 15/32"-32
18	2800085	1	AC Current Transformer
19	2900090	6	Machine Screw, Rd. Hd., #6-32 x 1/2"
20	2900091	2	Hex Nut, #6-32
21	2900092	2	Lock Washer, #6 Split
22	1800253	1	ON/OFF Drill Motor Label
23	1800254	1	ON/OFF Vacuum Pump Label
24	2900024	2	Lock Washer, 1/4" Split

Dual Switch/Dual Outlet Control Panel 115V #4277594 for Weka Motor



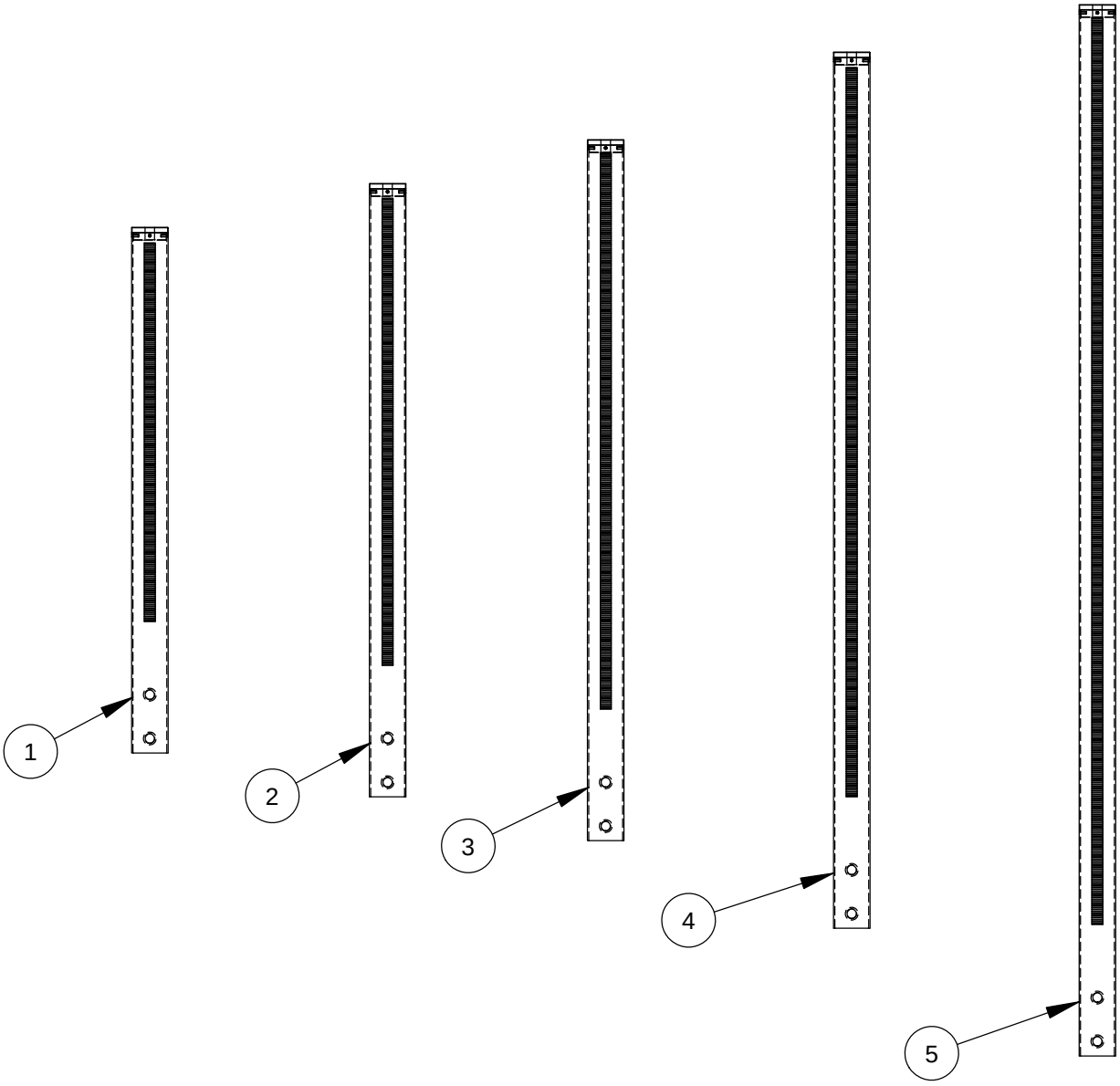


Back View of Control Panel

Dual Switch/Dual Outlet Control Panel 115V #4277594 for Weka Motor

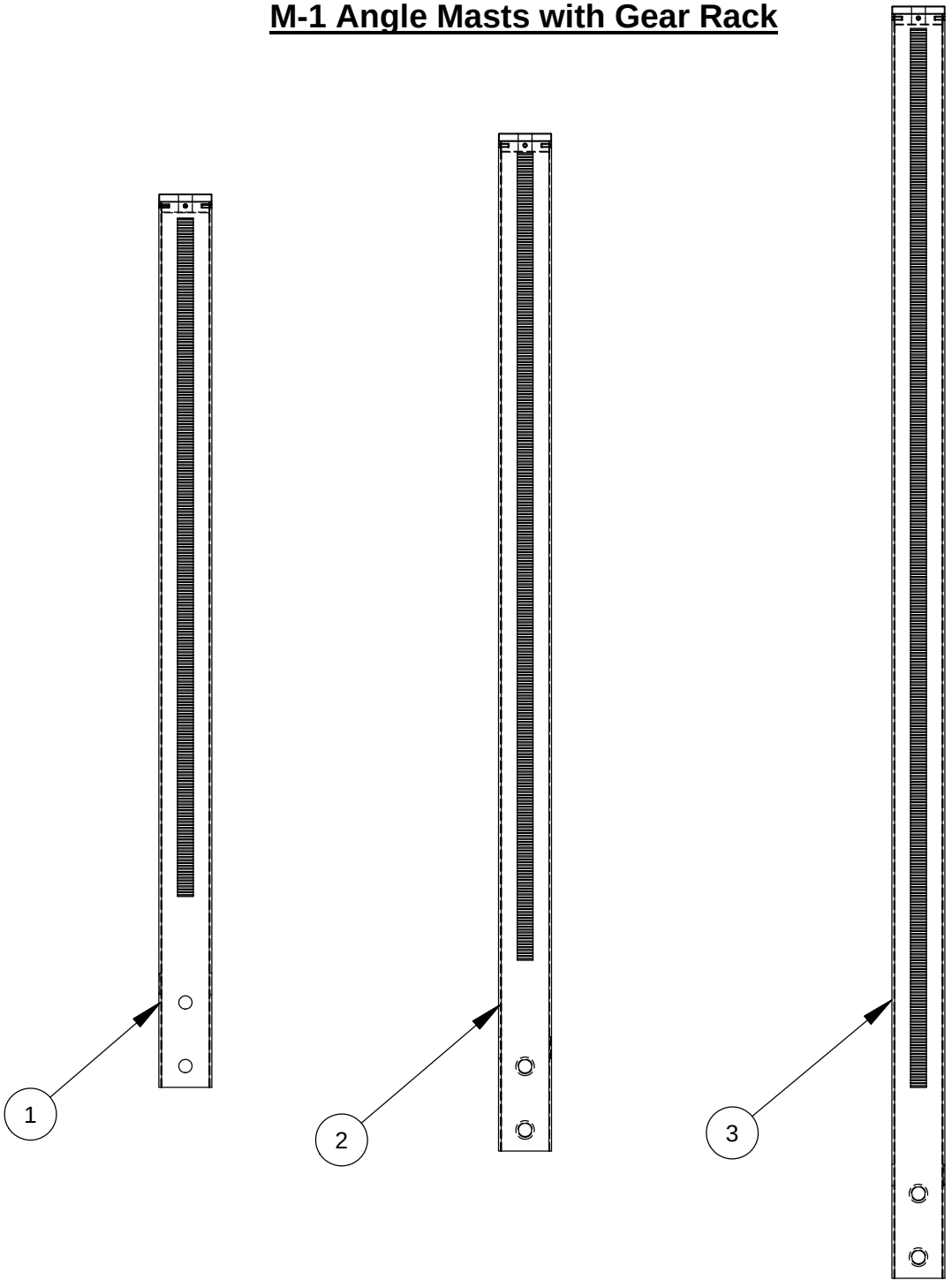
ITEM	PART NO.	QTY.	DESCRIPTION
1	4699957	1	Control Box
2	4699460	1	Cover Plate
3	2900159	4	Machine Screw, Rd. Hd., #10-24 x 5/8"
4	2800016	1	Toggle Switch 16Amp/125V
5	2800017	1	Toggle Switch 20Amp/125V
6	2800558	1	Amp Meter 115V, 0-30 Amp
7	2800018	1	Flanged Outlet, 15 Amp, 125 Volt
8	2800039	1	Flanged Outlet, 30 Amp, 125 Volt
9	2900172	1	Machine Screw, Rd. Hd., #10-24 x 1-1/4"
10	2900038	4	Lock Washer, #10 Split
11	2900050	4	Hex Nut, #10-24
12	2800050	1	Lock Nut, 3/4" Sealing
13	2800171	1	Connector, 3/4" Cord
14	4699506	1	Line Cord for 115 Volt - 14"
15	2800023	1	Plug, 125V, 30A, Twist Lock
16	2900052	2	Cap Screw, Hex Hd., 1/4-20 x 1-1/4"
17	2900024	2	Lock Washer, 1/4" Split
18	2800085	1	AC Current Transformer
19	2900090	7	Machine Screw, Rd. Hd., #6-32 x 1/2"
20	2900091	2	Hex Nut, #6-32
21	2900092	2	Lock Washer, #6 Split
22	1800253	1	ON/OFF Drill Motor Label
23	1800254	1	ON/OFF Vacuum Pump Label
24	2900204	2	Nut, Toggle Switch, 15/32"-32
25	4699958	1	Control Box Bracket

M-1 Masts with Gear Rack



ITEM	PART NO.	QTY.	DESCRIPTION
1	4645084	1	Mast - 36"
2	4645015	1	Mast - 42"
3	4645081	1	Mast - 48"
4	4645082	1	Mast - 60"
5	4645083	1	Mast - 72"

M-1 Angle Masts with Gear Rack



ITEM	PART NO.	QTY.	DESCRIPTION
1	4645068	1	Angle Mast - 42"
2	4645086	1	Angle Mast - 48"
3	4645085	1	Angle Mast - 60"

EQUIPMENT AND PARTS WARRANTY

Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of one (1) year from the date of shipment to Customer.

The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such parts, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer.

In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

Integral units such as engines, electric motors, batteries, transmissions, etc., are excluded from this Warranty and are subject to the prime manufacturer's warranty.

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