

HAMMERHEAD MOLE® LARGE PNEUMATIC HAMMERS

PARTS MANUAL



HAMMERHEAD®
TRENCHLESS EQUIPMENT

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UPDATED FEBRUARY 12, 2016

PARTS MANUAL INTRODUCTION

HAMMERHEAD MOLE® LARGE PNEUMATIC HAMMERS

HOW TO USE THIS MANUAL

This manual contains illustrations and parts list of components and assemblies which make up various HammerHead Mole® models. Each page consists of the name of the assembly or component, a figure number, reference numbers, part numbers, part names, and the quantities of the parts used.

Assembly or component names help identify the illustration and parts for each figure. This name also helps locate the general area of the machine where the assembly or component can be located.

Figure numbers are used to identify each assembly or component and to group these assemblies or components into major categories.

Reference numbers shown in a column refers to the numbered parts in the illustration. This ties the part in the illustration to the part number and description in the parts list. Part numbers are used to identify individual parts or part assemblies.

Part descriptions provide the name of the part, plus additional information such as dimensional specifications and what parts are grouped together to form part assemblies, which helps you identify the part(s).

Quantities listed for each figure are only for that assembly or component and not the total used per machine unless stated so in the "Remarks" column.

Parts are listed by part number in numerical order in the back portion of the manual. After each part number is a list of references where the part is used in the manual.

This parts manual is not intended to be a complete guide for machine service or repairs. Contact your HammerHead® dealer for any of your service or technical requirements.

Descriptions and specifications were current at the time of publication. However, Earth Tool Company LLC reserves the right to make changes in engineering, design and specifications; add improvements; or discontinue manufacturing at any time without notice or obligation. This manual may not reflect the most current version of your piercing tool. Please visit www.hammerhead-trenchless.com for the most recent and up to date version.

ORDERING PARTS

Parts for repair or replacement are available through the worldwide network of authorized HammerHead dealers. The use of after-market replacement parts in your HammerHead Mole piercing tool reduces performance and overall tool life and may also void or interfere with the HammerHead Factory Two Year Warranty. Use only genuine HammerHead parts from your authorized dealer for repair or replacement.

Always give the serial number and model number of the machine for which parts are being ordered. When ordering parts for component(s), which are not manufactured by HammerHead Trenchless Equipment, also give the serial number of that component(s). Order all parts by part number, part name, and quantity needed. Do not order parts by illustration reference numbers.

UPDATING MANUALS

The parts lists, illustrations, and specifications in this manual are based on the latest information available at the time of publication. Your machine may have product improvements and options not yet contained in this manual. Please check the web site www.hammerheadtrenchless.com for any updates.

Earth Tool Company LLC reserves the right to make changes at any time without notice or obligation to you. Your dealer will receive notice of these changes and can assist you with accurate parts identification when ordering.

Electronic copies of this manual are available on the web at www.hammerheadtrenchless.com.

OPERATIONS INSTRUCTIONS

Instructions on recommended equipment use and maintenance can be found in the Operator's Manual shipped with your equipment. Operators Manuals are also available on the web at www.hammerheadtrenchless.com.

GLOSSARY OF TERMS

RH – Replaceable Head, SR – Screw Reverse, PP – Power Port, AH – Active Head, CAT – Catamount, SW – Sidewalker, BL – Boltless, AR – Air Reverse, BU – Bulbed, DF – Debris Free, MT – Moletrac. JN – Jam Nut.

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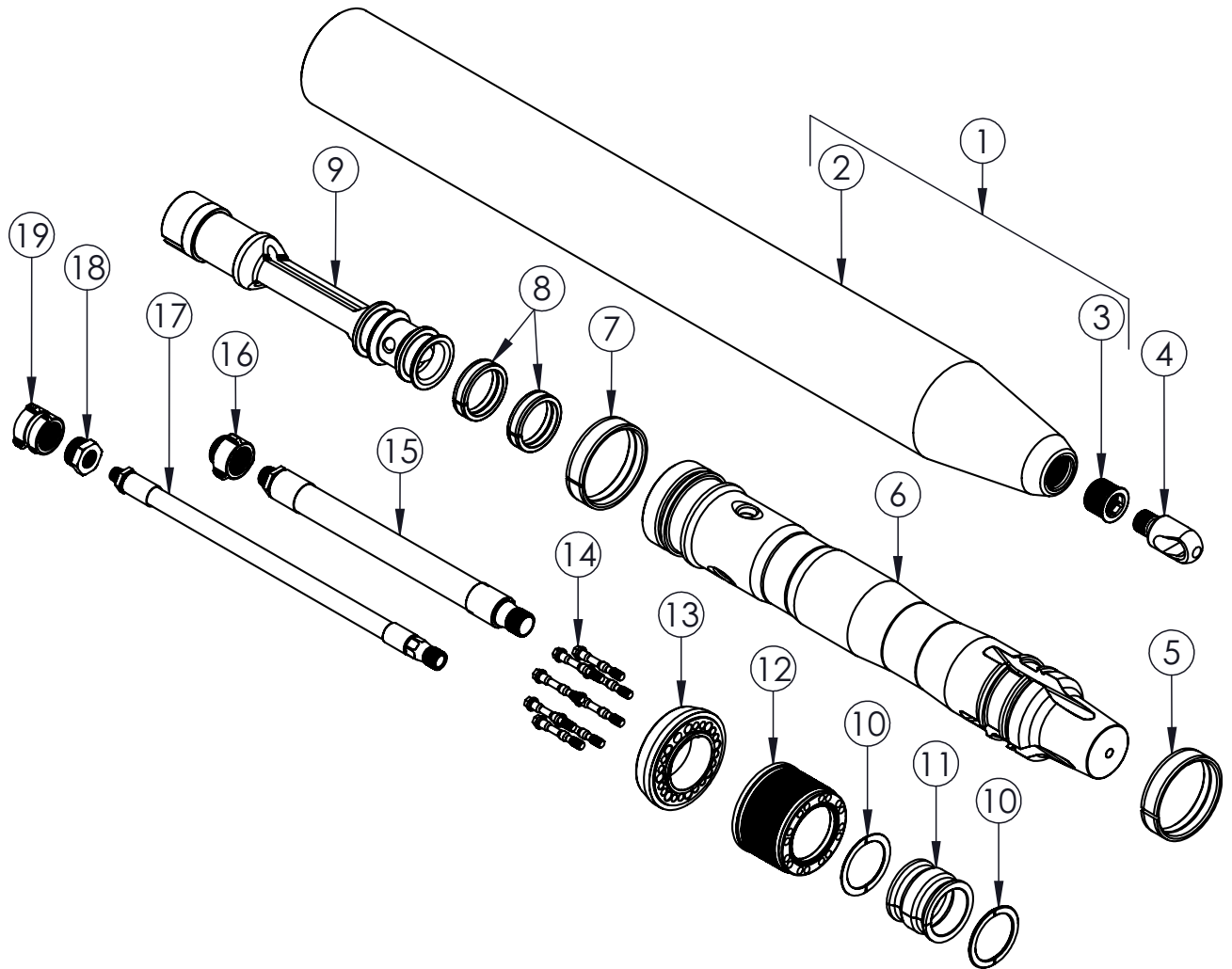
HAMMERHEAD MOLE® LARGE PNEUMATIC HAMMERS

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7.00" (180 mm) AR, PN 70342

AR—AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



7.00" (180 mm) AR, PN 70342

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7.00" (180 mm) AR, PN 70342

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	70300	BODY ASSY-7" AR	1	INCLUDES ITEMS 2, 3 & 24 - 27
3	70302	BUSHING-SOLID BODY	1	ANTI-SEEZ & TORQUE TO 900FT-LB (LEFT HAND THREAD)
4	70244	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	70110	STRIKER RING-FRONT	1	.260/.240 GAP
6	70316	STRIKER, 7"	1	
7	70210	STRIKER RING	1	.160/.150 GAP
8	70311	VALVE RING-7" AIR REV	2	
9	70308	VALVE STEM-7" AIR REV	1	
10	70309	WASHER	2	2 PIECES EA. - 4 PER TOOL
11	70313	ISOLATOR-7" AIR REVERSE	1	
12	70305	REAR ANVIL-7" AIR REV	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	70306	TAILCONE-7" AIR REV	1	
14	70321	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 120FT-LB
15	70327	WHIP HOSE ASSY-FWD	1	ANTI-SEEZ & TORQUE TO 240FT-LB
16	70325	ADAPTER 1.5MNHX1.5FP	1	TORQUE TO 200FT-LB
17	70328	WHIP HOSE ASSY-REV	1	ANTI-SEEZ & TORQUE TO 120FT-LB
18	1081	BUSHING, HEX 24MP X 16FP	1	TORQUE TO 120FT-LB
19	1080	SWIVEL, ADAPTER FNST 1.5" X FNPT 1.5"	1	TORQUE TO 120FT-LB
20	70315	WRENCH, 1-1/8" HEX	1	FOR ITEM 15 - NOT SHOWN
21	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
22	70544	WRENCH 7" & 8" SOLID BODY	1	FOR ITEM 3 - NOT SHOWN
23	51619	ASSY, SOCKET, SHACKLE	1	FOR ITEM 4 - NOT SHOWN
24	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
25	923-1877	DECAL, PATENTS	1	NOT SHOWN
26	2101	DECAL, BOX	1	NOT SHOWN
27	2114	DECAL, SMALL TOOL	1	NOT SHOWN
28	70334	TRANSPORT ROD ASSY-7AR	1	NOT SHOWN

924-0102 REV C

7.00" (180 mm) AR, PN 70342

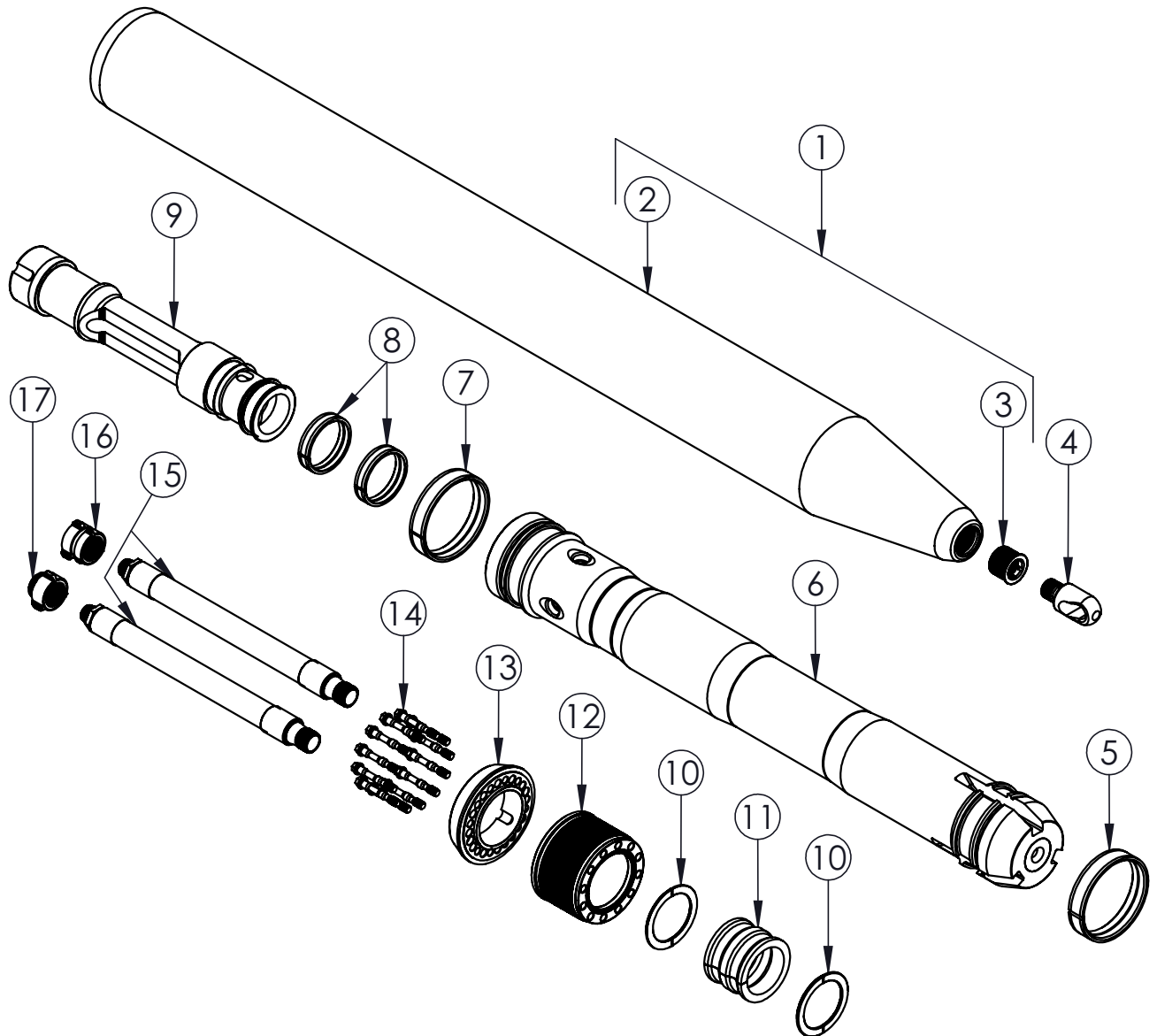
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8.00" (200 mm) AR, PN 80742

AR—AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



8.00" (200 mm) AR, PN 80742

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8.00" (200 mm) AR, PN 80742

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	80700	BODY ASSY-8" AR	1	INCLUDES ITEMS 2, 3 & 22 - 25
3	70302	BUSHING-SOLID BODY	1	ANTI-SEEZ & TORQUE TO 900FT-LB (LEFT HAND THREAD)
4	70244	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	80110	STRIKER RING-FRONT	1	.260/.240 GAP
6	80504	STRIKER-8"	1	
7	80210	STRIKER RING	1	.160/.140 GAP
8	80211	VALVE RING 8"	2	
9	80708	VALVE STEM-8"AR	1	
10	80709	WASHER	2	2 PIECES EA. - 4 PER TOOL
11	80713	ISOLATOR-8" AR	1	
12	80710	REAR ANVIL-8" AIR REV.	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	80707	TAILCONE-8" AIR REV.	1	
14	70321	TAILBOLT	12	ANTI-SEEZ & TORQUE TO 120FT-LB
15	70327	WHIP HOSE ASSY-FWD	2	ANTI-SEEZ & TORQUE TO 240FT-LB
16	1080	SWIVEL, ADAPTER FNST 1.5" X FNPT 1.5"	1	TORQUE TO 200FT-LB
17	70325	ADAPTER 1.5MNHX1.5FP	1	TORQUE TO 200FT-LB
18	70315	WRENCH, 1-1/8" HEX	1	FOR ITEM 15 - NOT SHOWN
19	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
20	70544	WRENCH 7" & 8" SOLID BODY	1	FOR ITEM 3 - NOT SHOWN
21	51619	ASSY, SOCKET, SHACKLE	1	FOR ITEM 4 - NOT SHOWN
22	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
23	923-1877	DEAL, PATENTS	1	NOT SHOWN
24	2101	DECAL, BOX	1	NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	80734	TRANSPORT ROD ASSY-8 AR	1	NOT SHOWN

924-0104 REV B

8.00" (200 mm) AR, PN 80742

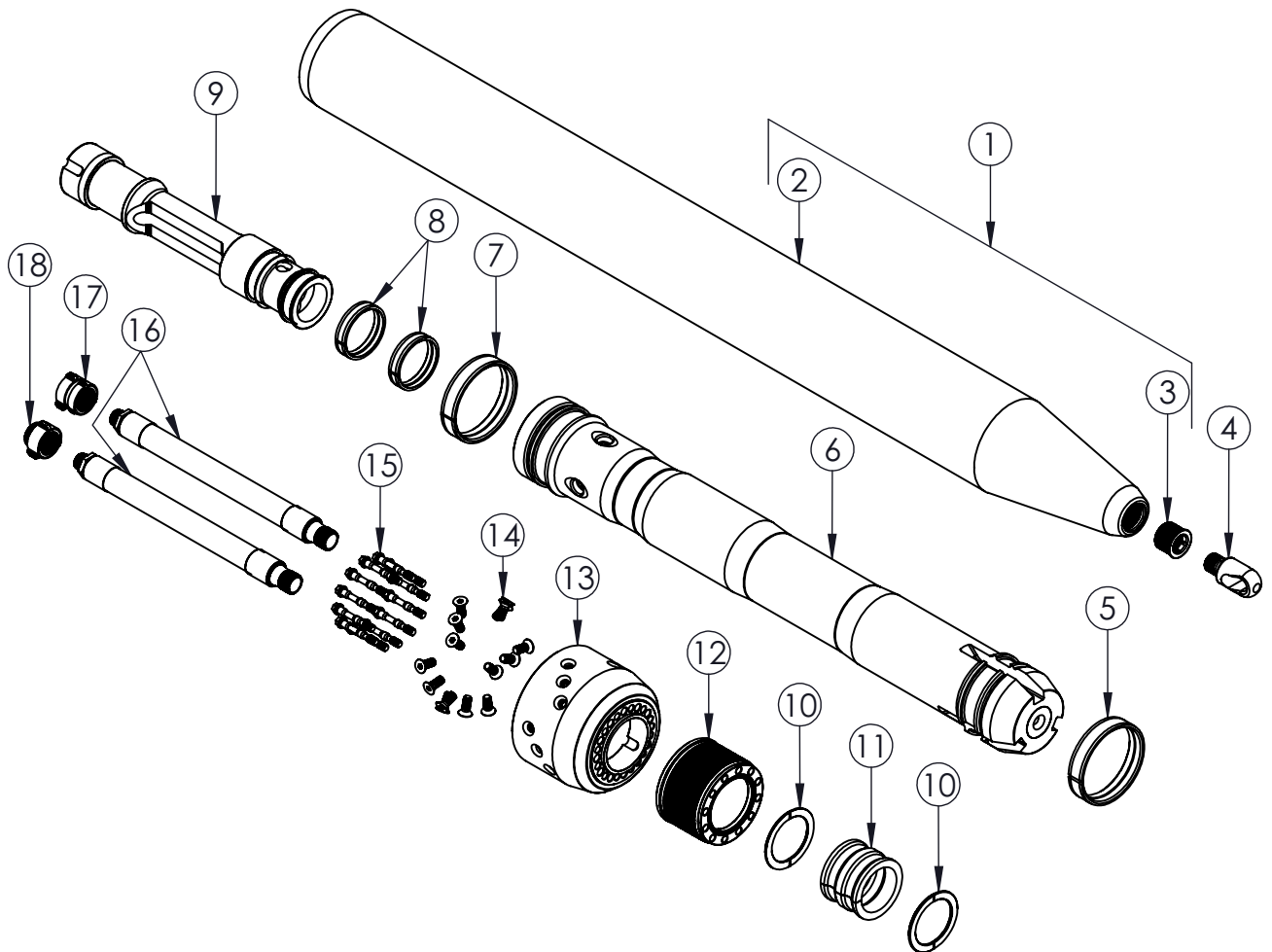
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8.00" (200 mm) AR REAR MOUNT, PN 80743

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



8.00" (200 mm) AR REAR MOUNT, PN 80743

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8.00" (200 mm) AR REAR MOUNT, PN 80743

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	80700	BODY ASSY-8" AR	1	INCLUDES ITEMS 2, 3 & 23 - 26
3	70302	BUSHING-SOLID BODY	1	ANTI-SEEZ & TORQUE TO 900FT-LB (LEFT HAND THREAD)
4	70244	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	80110	STRIKER RING-FRONT	1	.260/.240 GAP
6	80504	STRIKER-8"	1	
7	80210	STRIKER RING	1	.160/.140 GAP
8	80211	VALVE RING 8"	2	
9	80708	VALVE STEM-8"AR	1	
10	80709	WASHER	2	2 PIECES EA. - 4 PER TOOL
11	80713	ISOLATOR-8" AR	1	
12	80710	REAR ANVIL-8" AIR REV.	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	80728	TAILPIECE PULLER ASSY-8" PIPE	1	
14	911-0006	SCREW, FHSC 5/8"-11 X 1.50"	15	
15	70321	TAILBOLT	12	ANTI-SEEZ & TORQUE TO 120FT-LB
16	70327	WHIP HOSE ASSY-FWD	2	ANTI-SEEZ & TORQUE TO 240FT-LB
17	1080	SWIVEL, ADAPTER FNST 1.5" X FNPT 1.5"	1	TORQUE TO 200FT-LB
18	70325	ADAPTER 1.5MNHX1.5FP	1	TORQUE TO 200FT-LB
19	70315	WRENCH, 1-1/8" HEX	1	FOR ITEM 16 - NOT SHOWN
20	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
21	70544	WRENCH 7" & 8" SOLID BODY	1	FOR ITEM 3 - NOT SHOWN
22	51619	ASSY, SOCKET, SHACKLE	1	FOR ITEM 4 - NOT SHOWN
23	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
24	923-1877	DECAL, PATENTS	1	NOT SHOWN
25	2101	DECAL, BOX	1	NOT SHOWN
26	2114	DECAL, SMALL TOOL	1	NOT SHOWN
27	80734	TRANSPORT ROD ASSY-8 AR	1	NOT SHOWN

924-0105 REV B

8.00" (200 mm) AR REAR MOUNT, PN 80743

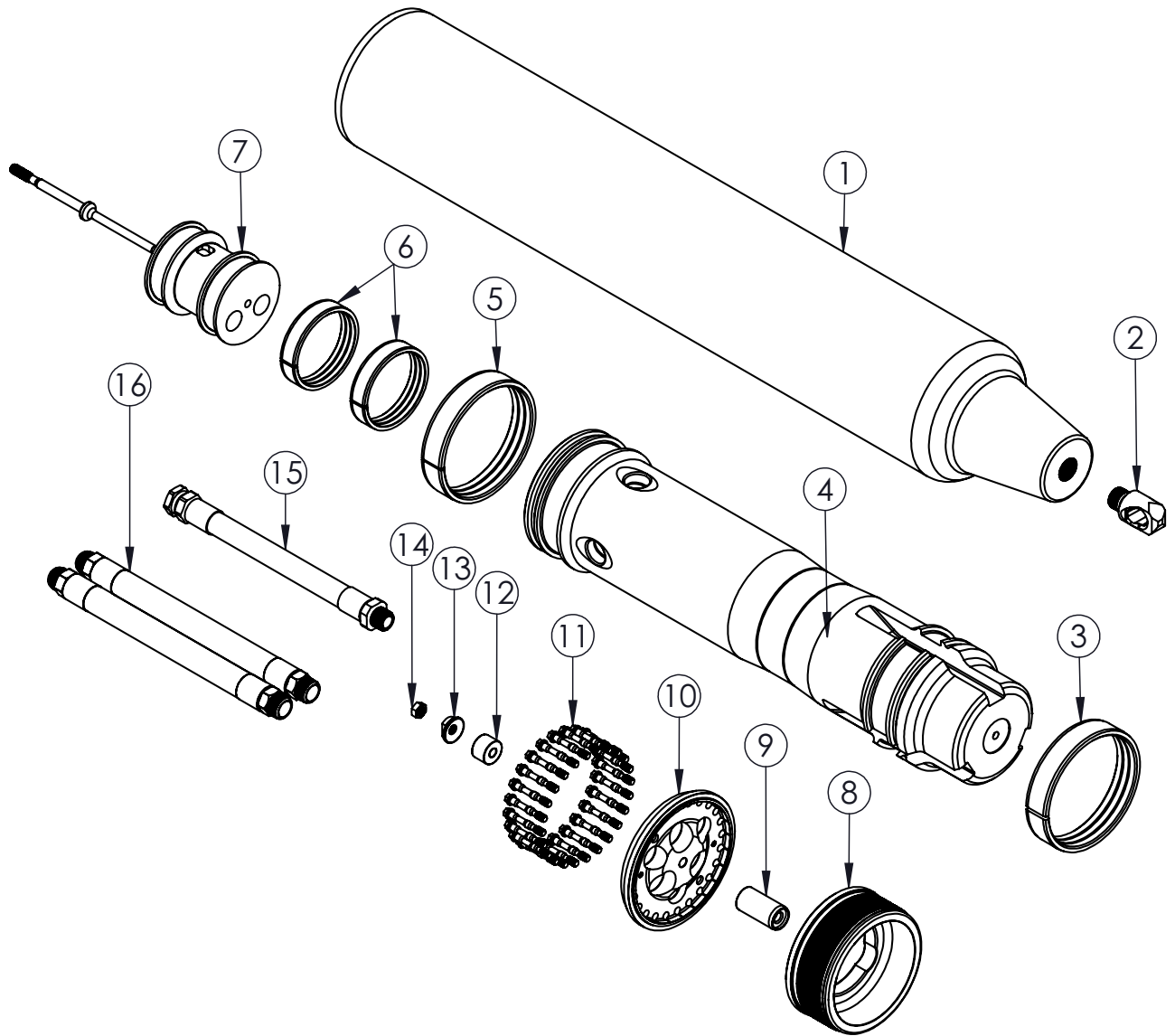
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12.00" (300 mm) AR, PN 120122

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



12.00" (300 mm) AR, PN 120122

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12.00" (300 mm) AR, PN 120122

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	120115	BODY ASSEMBLY	1	INCLUDES ITEMS 18 - 22 & 120238
2	120236	SHACKLE MOUNT, 12"	1	ANTI-SEEZ & TORQUE TO 600FT-LB (LEFT HAND THREAD)
3	120110	STRIKER RING-FRONT	1	.310/.290 GAP
4	120304	STRIKER	1	
5	120210	STRIKER RING	1	.155/.135 GAP
6	120211	VALVE RING	2	
7	120207	VALVE ASSY	1	
8	911-1226	REAR ANVIL-24 BOLT	1	ANTI-SEEZ & BACK OFF 1/8 TURN
9	120111	BUSHING ASSEMBLY, INNER	1	
10	120306	TAILCONE	1	
11	70321	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 120FT-LB
12	120333	BUSHING, EXTERNAL	1	
13	120215	FLANGE NUT	1	ANTI-SEEZ & HAND TIGHT + 3/4 TURN
14	120216	JAM NUT	1	ANTI-SEEZ & TORQUE TO 310FT-LB
15	120227	WHIP HOSE ASSY-REV	1	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
16	120228	WHIP HOSE ASSY-FWD	2	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
17	160117	ASSY, SOCKET, SHACKLE	1	FOR ITEM 2 - NOT SHOWN
18	160288	LIFT STRAP	2	NOT SHOWN
19	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
20	923-1877	DEAL, PATENTS	1	NOT SHOWN
21	2101	DECAL, BOX	1	NOT SHOWN
22	2114	DECAL, SMALL TOOL	1	NOT SHOWN
23	120903	TRANSPORT ROD ASSY	1	NOT SHOWN

924-0107 REV C

12.00" (300 mm) AR, PN 120122

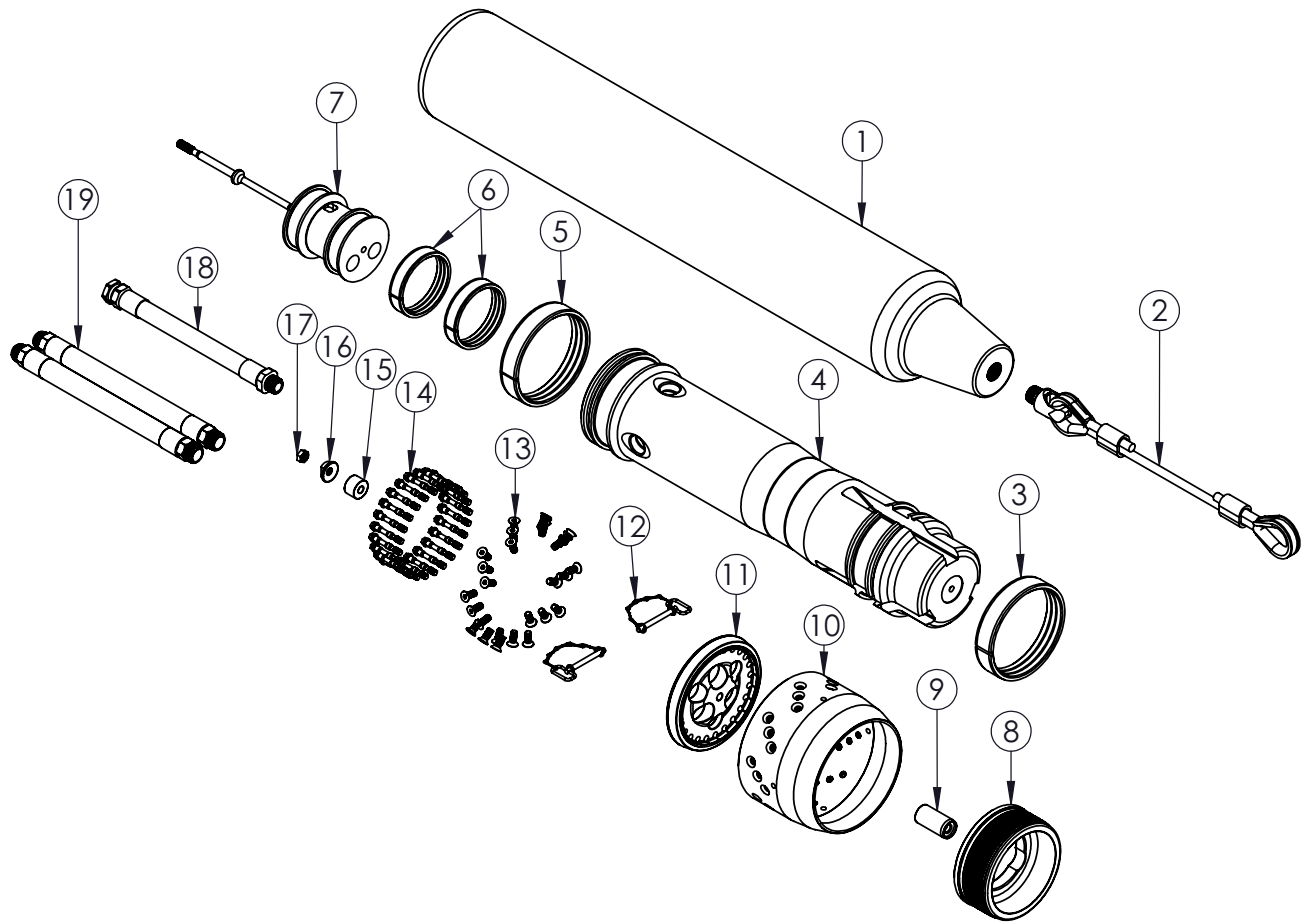
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12.00" (300 mm) AR REAR MOUNT, PN 120322

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



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12.00" (300 mm) AR REAR MOUNT, PN 120322

AR-AIR REVERSE, PIPE BURSTING HAMMER

12.00" (300 mm) AR REAR MOUNT, PN 120322

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PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	120115	BODY ASSEMBLY	1	INCLUDES ITEMS 20 - 24 & 120238
2	120242	CABLE SHACKLE MT 12"	1	ANTI-SEEZ & TORQUE TO 600FT-LB (LEFT HAND THREAD)
3	120110	STRIKER RING-FRONT	1	.310/.290 GAP
4	120304	STRIKER	1	
5	120210	STRIKER RING	1	.155/.135 GAP
6	120211	VALVE RING	2	
7	120207	VALVE ASSY	1	
8	911-1226	REAR ANVIL-24 BOLT	1	ANTI-SEEZ & BACK OFF 1/8 TURN
9	120111	BUSHING ASSEMBLY, INNER	1	
10	911-1227	TAILPIECE PULLER- 12" PIPE	1	
11	120324	TAILCAP 315MM PULLER	1	
12	912-0181	SHEAR PIN W/ LYNCH PIN	2	
13	911-0006	FHCS 5/8-11 X 1.50	27	
14	70321	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 120FT-LB
15	120333	BUSHING, EXTERNAL	1	
16	120215	FLANGE NUT	1	ANTI-SEEZ & HAND TIGHT + 3/4 TURN
17	120216	JAM NUT	1	ANTI-SEEZ & TORQUE TO 310FT-LB
18	120227	WHIP HOSE ASSY-REV	1	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
19	120228	WHIP HOSE ASSY-FWD	2	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
20	160288	LIFT STRAP	2	NOT SHOWN
21	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
22	923-1877	DECAL, PATENTS	1	NOT SHOWN
23	2101	DECAL, BOX	1	NOT SHOWN
24	2114	DECAL, SMALL TOOL	1	NOT SHOWN
25	120903	TRANSPORT ROD ASSY	1	NOT SHOWN

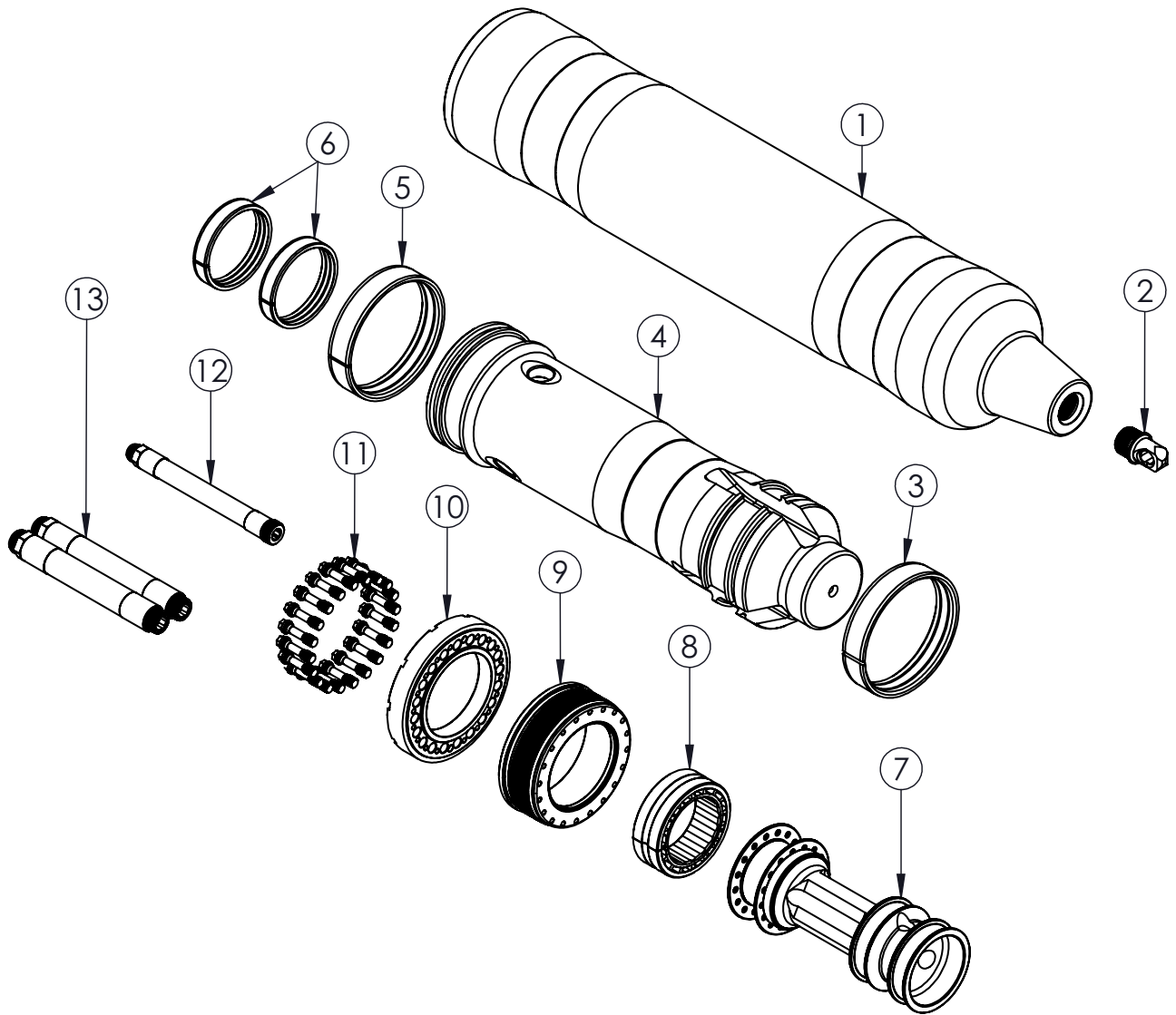
924-0108 REV C

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16.00" (400 mm) AR, PN 160122

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



16.00" (400 mm) AR, PN 160122

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16.00" (400 mm) AR, PN 160122

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	160111	BODY ASSEMBLY	1	INCLUDES ITEMS 16 - 20 & 160341
2	160337	16" TOOL SHACKLE	1	ANTI-SEEZ & TORQUE TO 800FT-LB (LEFT HAND THREAD)
3	160110	STRIKER RING-FRONT	1	.400/.380 GAP
4	160304	16" STRIKER	1	
5	160210	STRIKER RING	1	.260/.240 GAP
6	160211	VALVE RING	2	
7	160307	AR VALVE ASSEMBLY	1	
8	160328	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
9	160305	REAR ANVIL-20 BOLT	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	160311	TAILCONE-CASTLED	1	
11	160221	TAILBOLT	20	ANTI-SEEZ & TORQUE TO 250FT-LB
12	160315	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	160321	WHIP HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
14	160319	WRENCH ASSEMBLY	1	FOR ITEMS 12 & 13 - NOT SHOWN
15	160117	ASSY, SOCKET, SHACKLE	1	FOR ITEM 2 - NOT SHOWN
16	160288	LIFT STRAP	2	NOT SHOWN
17	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
18	923-1877	DECAL, PATENTS	1	NOT SHOWN
19	2101	DECAL, BOX	1	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	160903	TRANSPORT ROD ASSY	1	NOT SHOWN
22	1843	24 JIC - 1.5" FEMALE CAP	1	NOT SHOWN
23	1840	32 JIC - 2" FEMALE CAP	1	NOT SHOWN

924-0110 REV C

16.00" (400 mm) AR, PN 160122

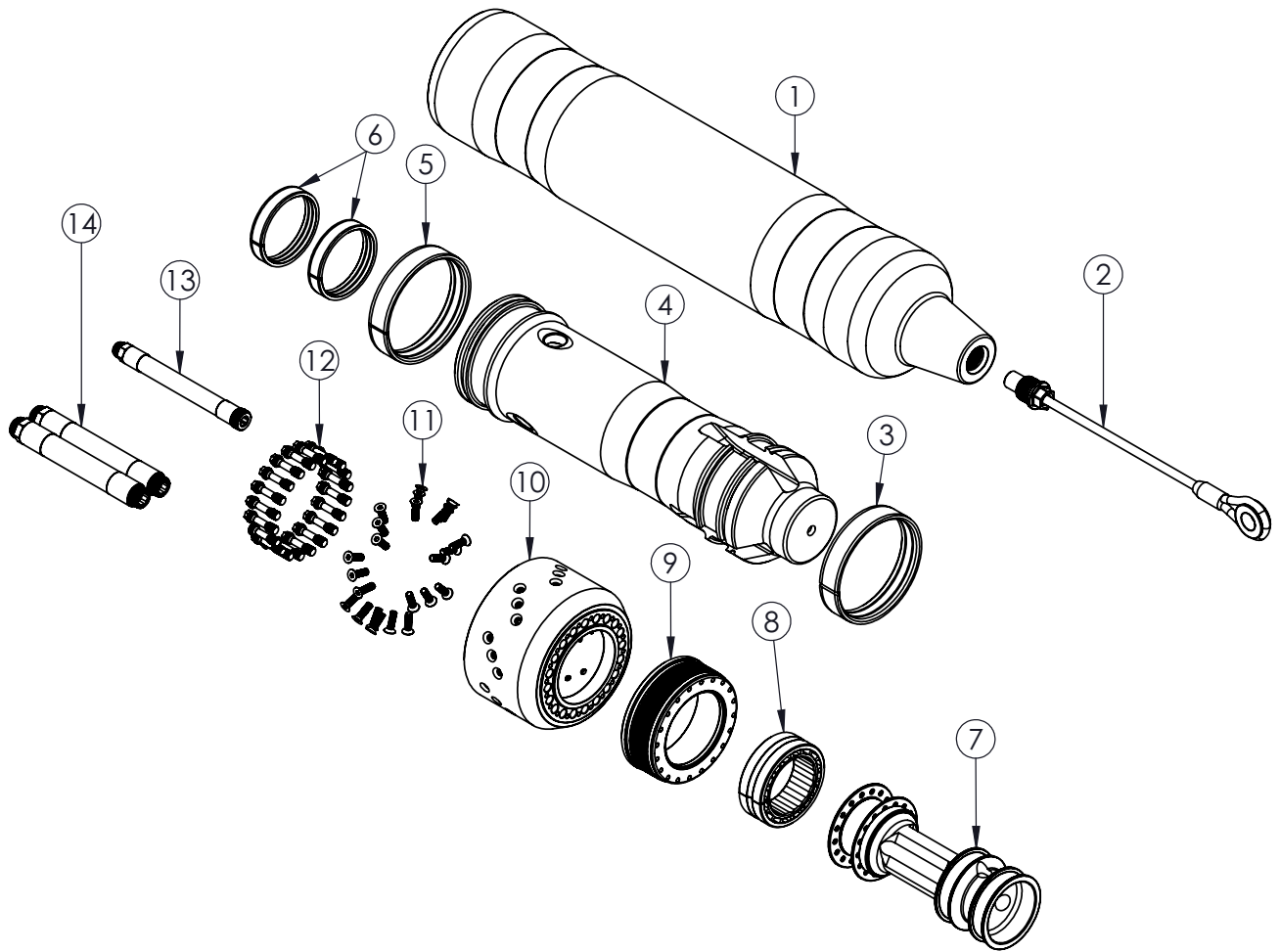
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16.00" (400 mm) AR REAR MOUNT, PN 160322

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



16.00" (400 mm) AR REAR MOUNT, PN 160322

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16.00" (400 mm) AR REAR MOUNT, PN 160322

AR-AIR REVERSE, PIPE BURSTING HAMMER

16.00" (400 mm) AR REAR MOUNT, PN 160322

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PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	160111	BODY ASSEMBLY	1	INCLUDES ITEMS 16 - 20 & 160341
2	160340	16" TOOL CABLE STUD ASSEMBLY	1	ANTI-SEEZ & TORQUE TO 800FT-LB (LEFT HAND THREAD)
3	160110	STRIKER RING-FRONT	1	.400/.380 GAP
4	160304	16" STRIKER	1	
5	160210	STRIKER RING	1	.260/.240 GAP
6	160211	VALVE RING	2	
7	160307	AR VALVE ASSEMBLY	1	
8	160328	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
9	160305	REAR ANVIL-20 BOLT	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	160343	TAILPIECE PULLER 16"	1	
11	911-0007	FLAT HEAD SCREW - 3/4 - 10 X 2.5	24	
12	160221	TAILBOLT	20	ANTI-SEEZ & TORQUE TO 250FT-LB
13	160315	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
14	160321	WHIP HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
15	160319	WRENCH ASSEMBLY	1	FOR ITEMS 13 & 14 - NOT SHOWN
16	160288	LIFT STRAP	2	NOT SHOWN
17	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
18	923-1877	DECAL, PATENTS	1	NOT SHOWN
19	2101	DECAL, BOX	1	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	160903	TRANSPORT ROD ASSY	1	NOT SHOWN
22	1843	24 JIC - 1.5" FEMALE CAP	1	NOT SHOWN
23	1840	32 JIC - 2" FEMALE CAP	1	NOT SHOWN

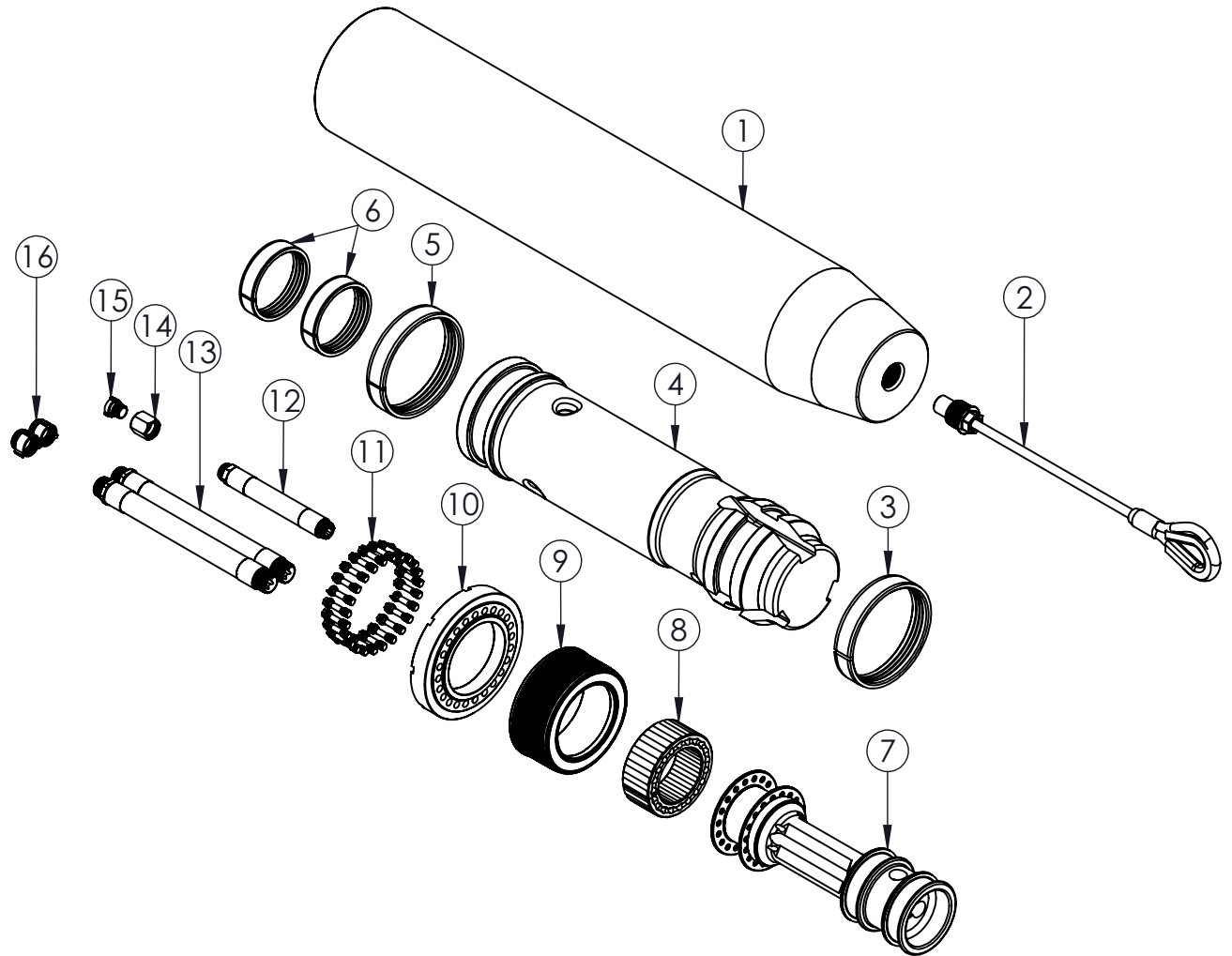
924-0111 REV C

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20.00" (500 mm) AR, PN 200322

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EXPLODED VIEW



20.00" (500 mm) AR, PN 200322

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20.00" (500 mm) AR, PN 200322

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	200201	BODY 20"	1	
2	200250	20" & 24" TOOL CABLE STUD ASSY	1	ANTI-SEEZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
3	200110	STRIKER RING, FRONT	1	.520/.490 GAP
4	200204	STRIKER-20" TOOL	1	
5	200210	STRIKER RING, REAR	1	.330/.300 GAP
6	200211	VALVE RING-20" TOOL	2	
7	200207	VALVE ASSY-20" TOOL	1	
8	200247	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
9	200205	REAR ANVIL-20" TOOL	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	200206	TAILCONE-20" TOOL	1	
11	160221	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 300FT-LB
12	160321	WHIP HOSE ASSY-FWD	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
14	200242	ADAPTER, 24MP X 32FJIC	1	TORQUE TO 300FT-LB
15	1078	ADAPTER FNST 1.5" X MNPT 1.5"	1	TEFLON TAPE & TORQUE TO 300FT-LB
16	1071	2.5"FNPT X 2.5MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
17	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 13 - NOT SHOWN
18	200231	LIFT STRAP	2	NOT SHOWN
19	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
20	923-1877	DEAL, PATENTS	1	NOT SHOWN
21	2101	DECAL, BOX	1	NOT SHOWN
22	2114	DECAL, SMALL TOOL	1	NOT SHOWN
23	200239	TRANSPORT ROD ASSY-BURST	1	NOT SHOWN
24	200246	PLUG, DUST 1-1/2" NST	1	NOT SHOWN
25	1981	CAP, DUST 2-1/2" NST	1	NOT SHOWN

924-0113 REV B

20.00" (500 mm) AR, PN 200322

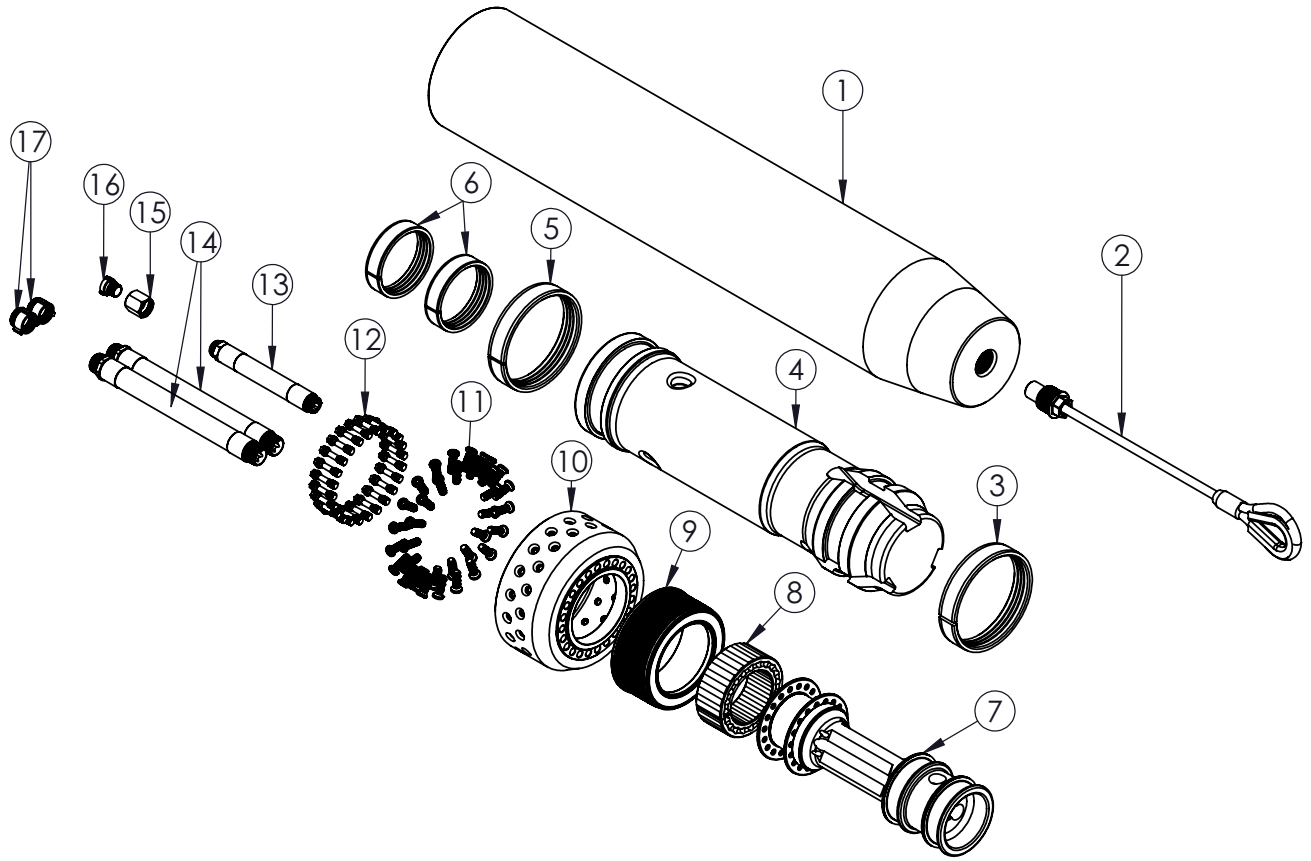
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20.00" (500 mm) AR REAR MOUNT, PN 200122

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



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20.00" (500 mm) AR REAR MOUNT, PN 200122

AR-AIR REVERSE, PIPE BURSTING HAMMER

20.00" (500 mm) AR REAR MOUNT, PN 200122

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PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	200201	BODY 20"	1	
2	200250	20" & 24" TOOL CABLE STUD ASSY	1	ANTI-SEEZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
3	200110	STRIKER RING, FRONT	1	.520/.490 GAP
4	200204	STRIKER-20" TOOL	1	
5	200210	STRIKER RING, REAR	1	.330/.300 GAP
6	200211	VALVE RING-20" TOOL	2	
7	200207	VALVE ASSY-20" TOOL	1	
8	200247	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
9	200205	REAR ANVIL-20" TOOL	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	200245	TAILPIECE PULLER ASSY-20" PIPE	1	
11	911-2438	BURST HEAD BOLT, 1.0" THRD	36	
12	160221	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 300FT-LB
13	160321	WHIP HOSE ASSY-FWD	1	TEFLON TAPE & TORQUE TO 500FT-LB
14	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
15	200242	ADAPTER, 24MP X 32FJIC	1	TORQUE TO 300FT-LB
16	1078	ADAPTER FNST 1.5" X MNPT 1.5"	1	TEFLON TAPE & TORQUE TO 300FT-LB
17	1071	2.5"FNPT X 2.5MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
18	200219	WRENCH, EXT HOSE	1	FOR ITEMS 13 & 14 - NOT SHOWN
19	200231	LIFT STRAP	2	NOT SHOWN
20	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
21	923-1877	DEAL, PATENTS	1	NOT SHOWN
22	2101	DECAL, BOX	1	NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	200239	TRANSPORT ROD ASSY-BURST	1	NOT SHOWN
25	200246	PLUG, DUST 1-1/2" NST	1	NOT SHOWN
26	1981	CAP, DUST 2-1/2" NST	1	NOT SHOWN
27	911-2439	HEX DRIVER, 3/4"	1	FOR ITEM 11- NOT SHOWN

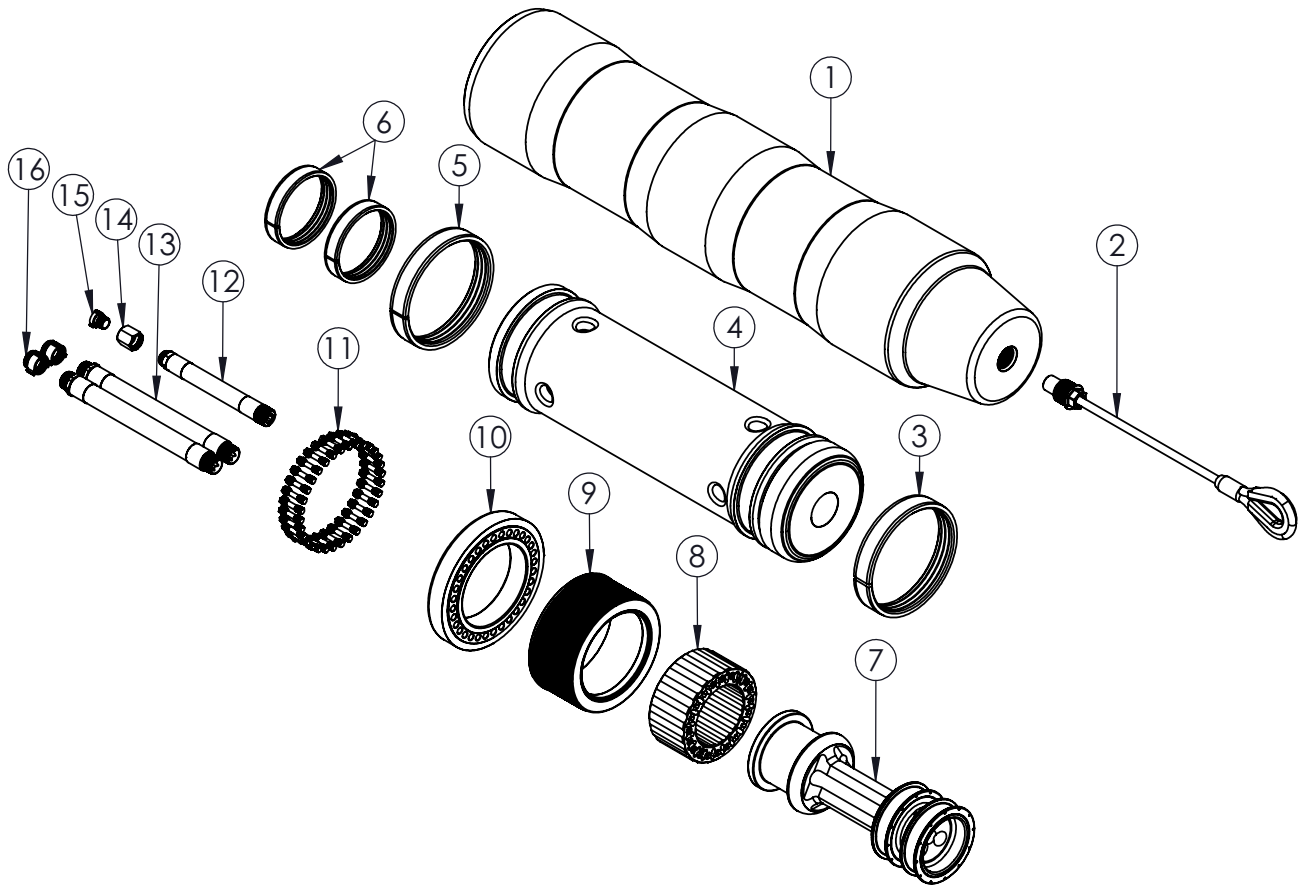
924-0114 REV C

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24.00" (600 mm) AR, PN 220722

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



24.00" (600 mm) AR, PN 220722

HAMMERHEAD®

24.00" (600 mm) AR, PN 220722

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	220500	BODY MACHINE, 24"	1	
2	200250	20" & 24" TOOL CABLE STUD ASSY	1	ANTI-SEIZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
3	220110	STRIKER RING-FRONT	1	.575/.545 GAP
4	220204	STRIKER	1	
5	220210	STRIKER RING-REAR	1	.390/.370 GAP
6	220211	VALVE RING	2	
7	220507	VALVE ASSEMBLY, 24"	1	
8	220513	ISOLATOR, 24A	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL
9	220505	REAR ANVIL, 24A	1	ANTI-SEIZ & HAND TIGHT TO BODY
10	220506	T-CONE, 24A	1	
11	160221	TAILBOLT	32	ANTI-SEIZ & TORQUE TO 300FT-LB
12	220511	WHIP HOSE ASSY-REV 24A	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
14	200242	ADAPTER, 24MP X 32FJIC	1	TORQUE TO 300FT-LB
15	1078	ADAPTERFNST 1.5" X MNPT 1.5"	1	TEFLON TAPE & TORQUE TO 300FT-LB
16	1071	2.5"FNPT X 2.5MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
17	200219	WRENCH, EXT HOSE	1	FOR ITEMS 13 & 14 - NOT SHOWN
18	220244	LIFTING STRAP	2	NOT SHOWN
19	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
20	923-1877	DEAL, PATENTS	1	NOT SHOWN
21	2101	DECAL, BOX	1	NOT SHOWN
22	2114	DECAL, SMALL TOOL	1	NOT SHOWN
23	200239	TRANSPORT ROD ASSY-BURST	1	NOT SHOWN
24	1981	CAP, DUST 2-1/2" NST	1	NOT SHOWN
25	200246	PLUG, DUST 1-1/2" NST	1	NOT SHOWN

924-0121 REV B

24.00" (600 mm) AR, PN 220722

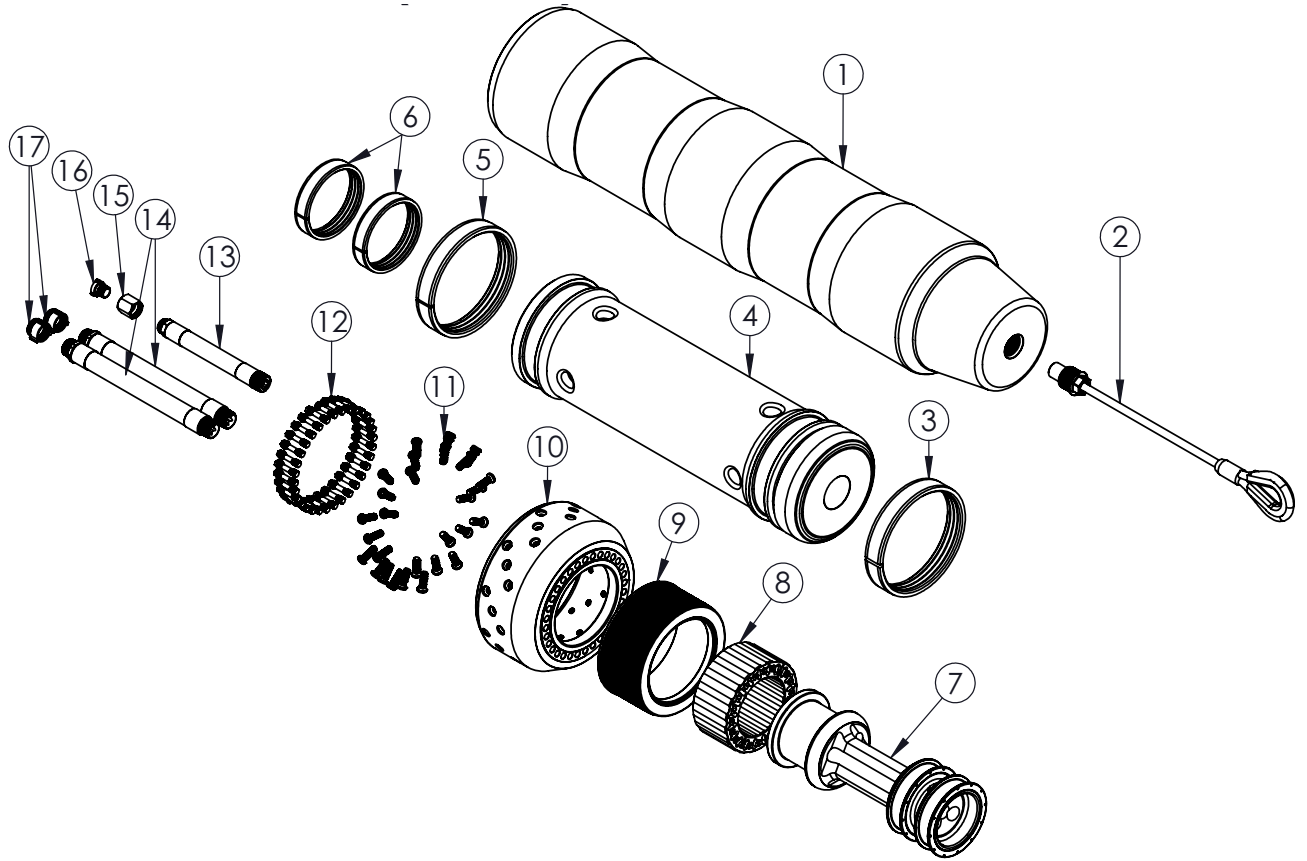
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24.00" (600 mm) AR REAR MOUNT, PN 220622

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



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24.00" (600 mm) AR REAR MOUNT, PN 220622

AR-AIR REVERSE, PIPE BURSTING HAMMER

24.00" (600 mm) AR REAR MOUNT, PN 220622

HAMMERHEAD®

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	220500	BODY MACHINE, 24"	1	
2	200250	20" & 24" TOOL CABLE STUD ASSY	1	ANTI-SEEZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
3	220110	STRIKER RING-FRONT	1	.575/.545 GAP
4	220204	STRIKER	1	
5	220210	STRIKER RING-REAR	1	.390/.370 GAP
6	220211	VALVE RING	2	
7	220507	VALVE ASSEMBLY, 24"	1	
8	220513	ISOLATOR, 24A	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL
9	220505	REAR ANVIL, 24A	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	220523	REAR PULLER W/ T-CONE	1	
11	911-2438	BOLT - BURST HEAD	30	
12	160221	TAILBOLT	32	ANTI-SEEZ & TORQUE TO 300FT-LB
13	220511	WHIP HOSE ASSY-REV 24A	1	TEFLON TAPE & TORQUE TO 500FT-LB
14	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
15	200242	ADAPTER, 24MP X 32FJIC	1	TORQUE TO 300FT-LB
16	1078	ADAPTERFNST 1.5" X MNPT 1.5"	1	TEFLON TAPE & TORQUE TO 300FT-LB
17	1071	2.5"FNPT X 2.5MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
18	200219	WRENCH, EXT HOSE	1	FOR ITEMS 13 & 14 - NOT SHOWN
19	220244	LIFTING STRAP	2	NOT SHOWN
20	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
21	923-1877	DEAL, PATENTS	1	NOT SHOWN
22	2101	DECAL, BOX	1	NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	200239	TRANSPORT ROD ASSY-BURST	1	NOT SHOWN
25	1981	CAP, DUST 2-1/2" NST	1	NOT SHOWN
26	200246	PLUG, DUST 1-1/2" NST	1	NOT SHOWN
27	911-2439	HEX DRIVER, 3/4"	1	FOR ITEM 11 - NOT SHOWN

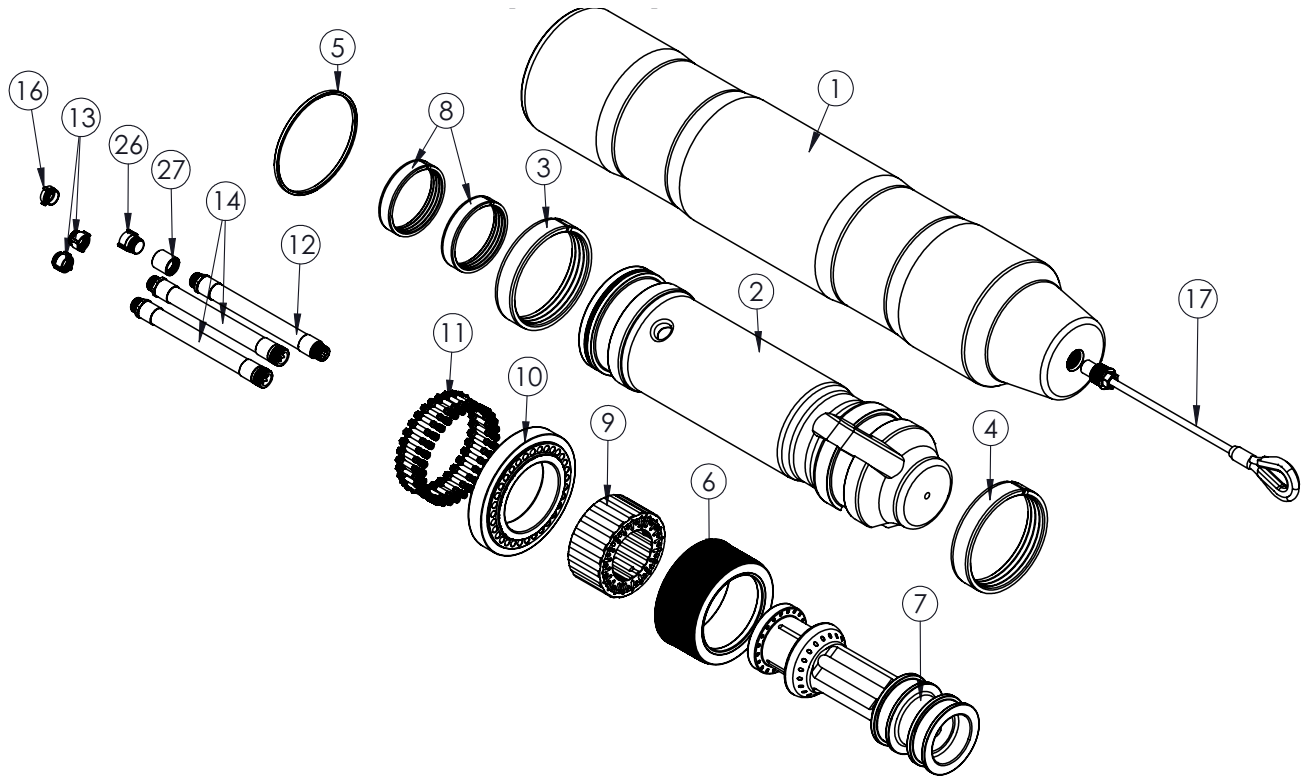
924-0116 REV D

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26.00" (650 mm) AR, PN 260222

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



26.00" (650 mm) AR, PN 260222

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26.00" (650 mm) AR, PN 260222

AR-AIR REVERSE, PIPE BURSTING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	260000	BODY MACHINE, 26"	1	
2	260004	STRIKER , 26"	1	
3	260012	STRIKER RING-REAR 26"	1	.505/.475 GAP
4	260002	STRIKER RING-FRONT 26"	1	.725/.695 GAP
5	260003	STRIKER SEAL, 26"	1	SLIT CUT NO GAP
6	260005	REAR ANVIL, 26"	1	ANTI-SEEZ & HAND TIGHT TO BODY
7	260008	VALVE BODY, 26"	1	
8	260011	VALVE RING, 26"	2	
9	260009	ISOLATOR, CUT, 26"	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL, (TIMED TO VALVE)
10	260016	TAILCONE, BURST 26"	1	
11	260021	TAILBOLT, 26"	32	ANTI-SEEZ & TORQUE TO 400FT-LB
12	200220	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	1071	ADAPTER, 2.5" FNPT X 2.5" MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
14	260013	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 600FT-LB
15	260025	TRANSPORT ROD, 26" BURST TL	2	NOT SHOWN
16	1982	PLUG, DUST 2-1/2" NST	1	
17	200250	TOOL CABLE STUD ASSEMBLY	1	ANTI-SEEZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
18	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 14 - NOT SHOWN
19	220244	LIFTING STRAP	2	NOT SHOWN
20	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
21	923-1877	DEAL, PATENTS	1	NOT SHOWN
22	2101	DECAL, BOX	1	NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	200240	TRANSPORT PALLET	1	NOT SHOWN
25	911-2469	SOCKET, 1-1/8" 6PT X 3/4"DR	1	FOR ITEM 11 - NOT SHOWN
26	1079	SWIVEL, ADAPTER 2.5"FNST X 2.5" MNPT	1	TEFLON TAPE & TORQUE TO 300FT-LB
27	1720	COUPLER, 2.5FNPT X 2.5FNPT	1	TEFLON TAPE NPT ON ITEM 14 & TORQUE TO 300FT-LB

924-0120 REV B

26.00" (650 mm) AR, PN 260222

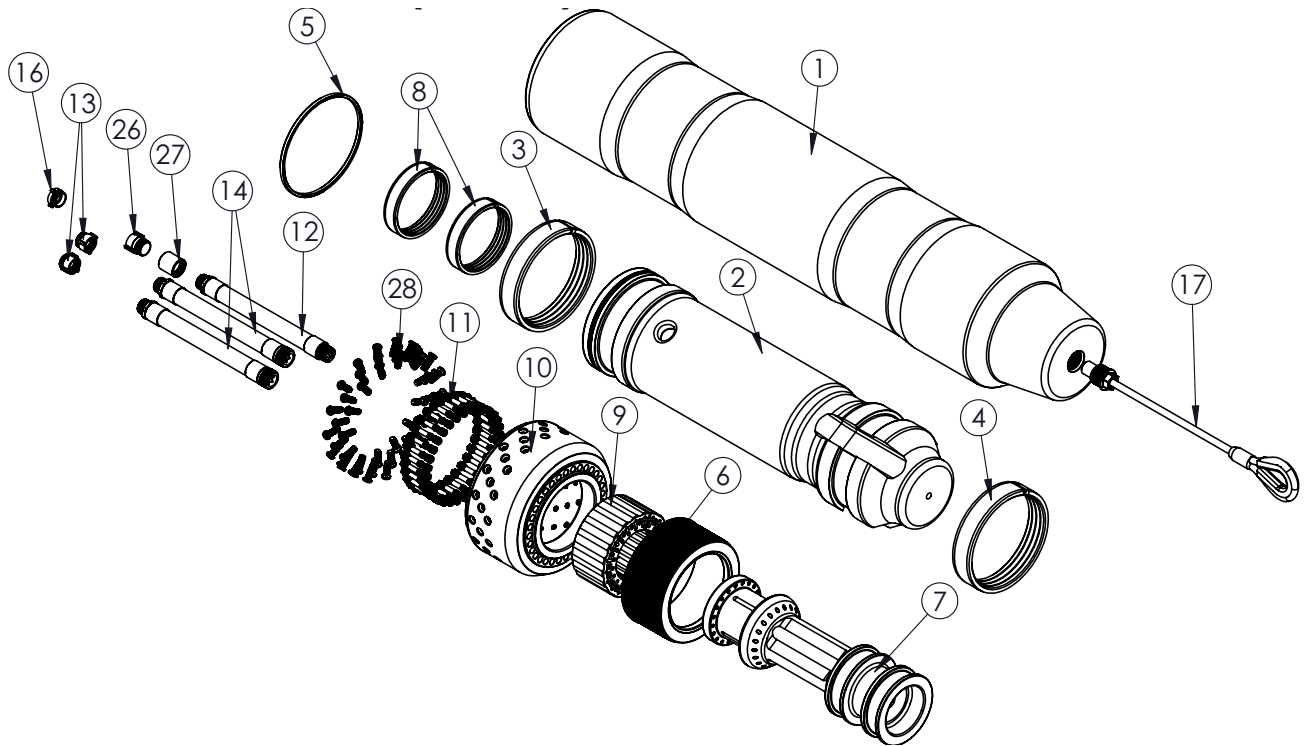
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26.00" (650 mm) AR REAR MOUNT, PN 260122

AR-AIR REVERSE, PIPE BURSTING HAMMER

EXPLODED VIEW



26.00" (650 mm) AR REAR MOUNT, PN 260122

AR-AIR REVERSE, PIPE BURSTING HAMMER

26.00" (650 mm) AR REAR MOUNT, PN 260122

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PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	260000	BODY MACHINE, 26"	1	
2	260004	STRIKER , 26"	1	
3	260012	STRIKER RING-REAR 26"	1	.505/.475 GAP
4	260002	STRIKER RING-FRONT 26"	1	.725/.695 GAP
5	260003	STRIKER SEAL, 26"	1	SLIT CUT NO GAP
6	260005	REAR ANVIL, 26"	1	ANTI-SEEZ & HAND TIGHT TO BODY
7	260008	VALVE BODY, 26"	1	
8	260011	VALVE RING, 26"	2	
9	260009	ISOLATOR, CUT, 26"	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL, (TIMED TO VALVE)
10	220723	TAILPIECE PULLER, 26"	1	
11	260021	TAILBOLT, 26"	32	ANTI-SEEZ & TORQUE TO 400FT-LB
12	200220	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	1071	ADAPTER, 2.5" FNPT X 2.5" MNH	2	TEFLON TAPE & TORQUE TO 300FT-LB
14	260013	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 600FT-LB
15	260025	TRANSPORT ROD, 26" BURST TL	2	NOT SHOWN
16	1982	PLUG, DUST 2-1/2" NST	1	
17	200250	TOOL CABLE STUD ASSEMBLY	1	ANTI-SEEZ & TORQUE TO 1000FT-LB (LEFT HAND THREAD)
18	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 14 - NOT SHOWN
19	220244	LIFTING STRAP	2	NOT SHOWN
20	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
21	923-1877	DEAL, PATENTS	1	NOT SHOWN
22	2101	DECAL, BOX	1	NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	200240	TRANSPORT PALLET	1	NOT SHOWN
25	911-2469	SOCKET, 1-1/8" 6PT X 3/4"DR	1	FOR ITEM 11 - NOT SHOWN
26	1079	SWIVEL, ADAPTER 2.5"FNST X 2.5" MNPT	1	TEFLON TAPE & TORQUE TO 300FT-LB
27	1720	COUPLER, 2.5FNPT X 2.5FNPT	1	TEFLON TAPE NPT ON ITEM 14 & TORQUE TO 300FT-LB
28	911-2438	BOLT, BURST HEAD	48	
29	911-2439	HEX DRIVE, 3/4"	1	FOR ITEM 28 - NOT SHOWN

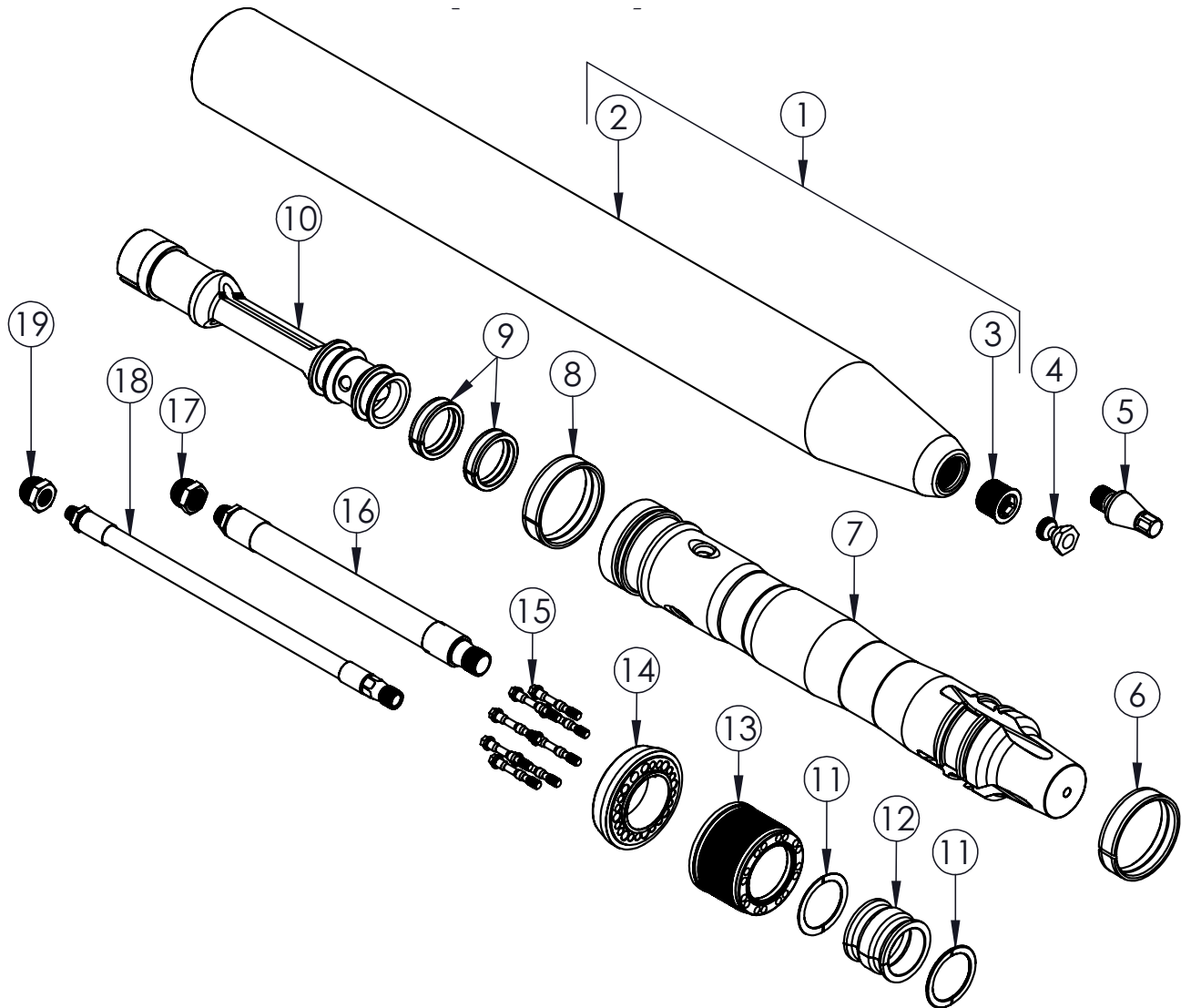
924-0119 REV D

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7.00" (180 mm) AR, PN 70542

AR—AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



7.00" (180 mm) AR, PN 70542

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7.00" (180 mm) AR, PN 70542

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	70300	BODY ASSY-7" AR	1	INCLUDES ITEMS 2, 3 & 23 - 26
3	70302	BUSHING-SOLID BODY	1	ANTI-SEEZ & TORQUE TO 900FT-LB (LEFT HAND THREAD)
4	70238	NOSEBOLT PLUG-MEDIUM	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	70245	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
6	70110	STRIKER RING-FRONT	1	.260/.240 GAP
7	70316	STRIKER, 7"	1	
8	70210	STRIKER RING	1	.160/.150 GAP
9	70311	VALVE RING-7" AIR REV	2	
10	70308	VALVE STEM-7" AIR REV	1	
11	70309	WASHER	2	2 PIECES EA. - 4 PER TOOL
12	70313	ISOLATOR-7" AIR REVERSE	1	
13	70305	REAR ANVIL-7" AIR REV	1	ANTI-SEEZ & HAND TIGHT TO BODY
14	70306	TAILCONE-7" AIR REV	1	
15	70321	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 120FT-LB
16	70327	WHIP HOSE ASSY-FWD	1	ANTI-SEEZ & TORQUE TO 240FT-LB
17	1512	ADAPTER, 24MJ X 24FP	1	TORQUE TO 200FT-LB
18	70328	WHIP HOSE ASSY-REV	1	ANTI-SEEZ & TORQUE TO 120FT-LB
19	1307	24JIC-16FP	1	TORQUE TO 120FT-LB
20	70315	WRENCH, 1-1/8" HEX	1	FOR ITEM 16 - NOT SHOWN
21	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
22	70544	WRENCH 7" & 8" SOLID BODY	1	FOR ITEM 3 - NOT SHOWN
23	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
24	923-1877	DECAL, PATENTS	1	NOT SHOWN
25	2101	DECAL, BOX	1	NOT SHOWN
26	2114	DECAL, SMALL TOOL	1	NOT SHOWN
27	70338	TRANSPORT ROD ASSY 7AR-RAM	1	NOT SHOWN

924-0101 REV C

7.00" (180 mm) AR, PN 70542

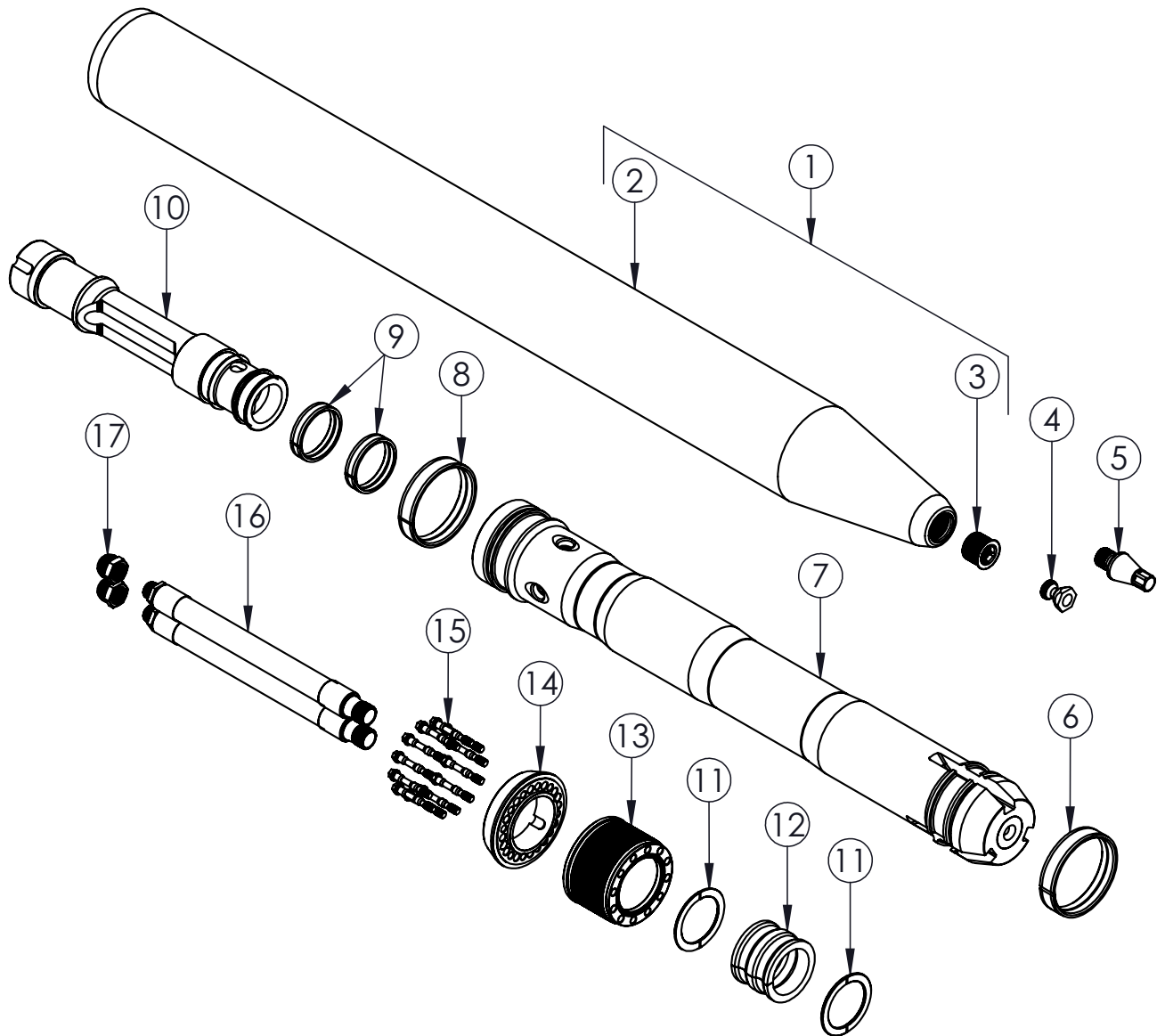
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8.00" (200 mm) AR, PN 80741

AR—AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



8.00" (200 mm) AR, PN 80741

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8.00" (200 mm) AR, PN 80741

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	80700	BODY ASSY-8" AR	1	INCLUDES ITEMS 2, 3 & 21 - 24
3	70302	BUSHING-SOLID BODY	1	ANTI-SEEZ & TORQUE TO 900FT-LB (LEFT HAND THREAD)
4	70238	NOSEBOLT PLUG-MEDIUM	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	70245	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
6	80110	STRIKER RING-FRONT	1	.260/.240 GAP
7	80504	STRIKER-8"	1	
8	80210	STRIKER RING	1	.160/.150 GAP
9	80211	VALVE RING 8"	2	
10	80708	VALVE STEM-8"AR	1	
11	80709	WASHER	2	2 PIECES EA. - 4 PER TOOL
12	80713	ISOLATOR-8" AR	1	
13	80710	REAR ANVIL-8"AR REV.	1	ANTI-SEEZ & HAND TIGHT TO BODY
14	80707	TAILCONE-8" AIR REV.	1	
15	70321	TAILBOLT	12	ANTI-SEEZ & TORQUE TO 120FT-LB
16	70327	WHIP HOSE ASSY-FWD	2	ANTI-SEEZ & TORQUE TO 240FT-LB
17	1512	ADAPTER, 24MJ X 24FP	2	TORQUE TO 200FT-LB
18	70315	WRENCH, 1-1/8" HEX	1	FOR ITEM 16 - NOT SHOWN
19	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
20	70544	WRENCH 7" & 8" SOLID BODY	1	FOR ITEM 3 - NOT SHOWN
21	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
22	923-1877	DECAL, PATENTS	1	NOT SHOWN
23	2101	DECAL, BOX	1	NOT SHOWN
24	2114	DECAL, SMALL TOOL	1	NOT SHOWN
25	80717	TRANSPORT ROD ASSY 8AR-RAM	1	NOT SHOWN

924-0103 REV B

8.00" (200 mm) AR, PN 80741

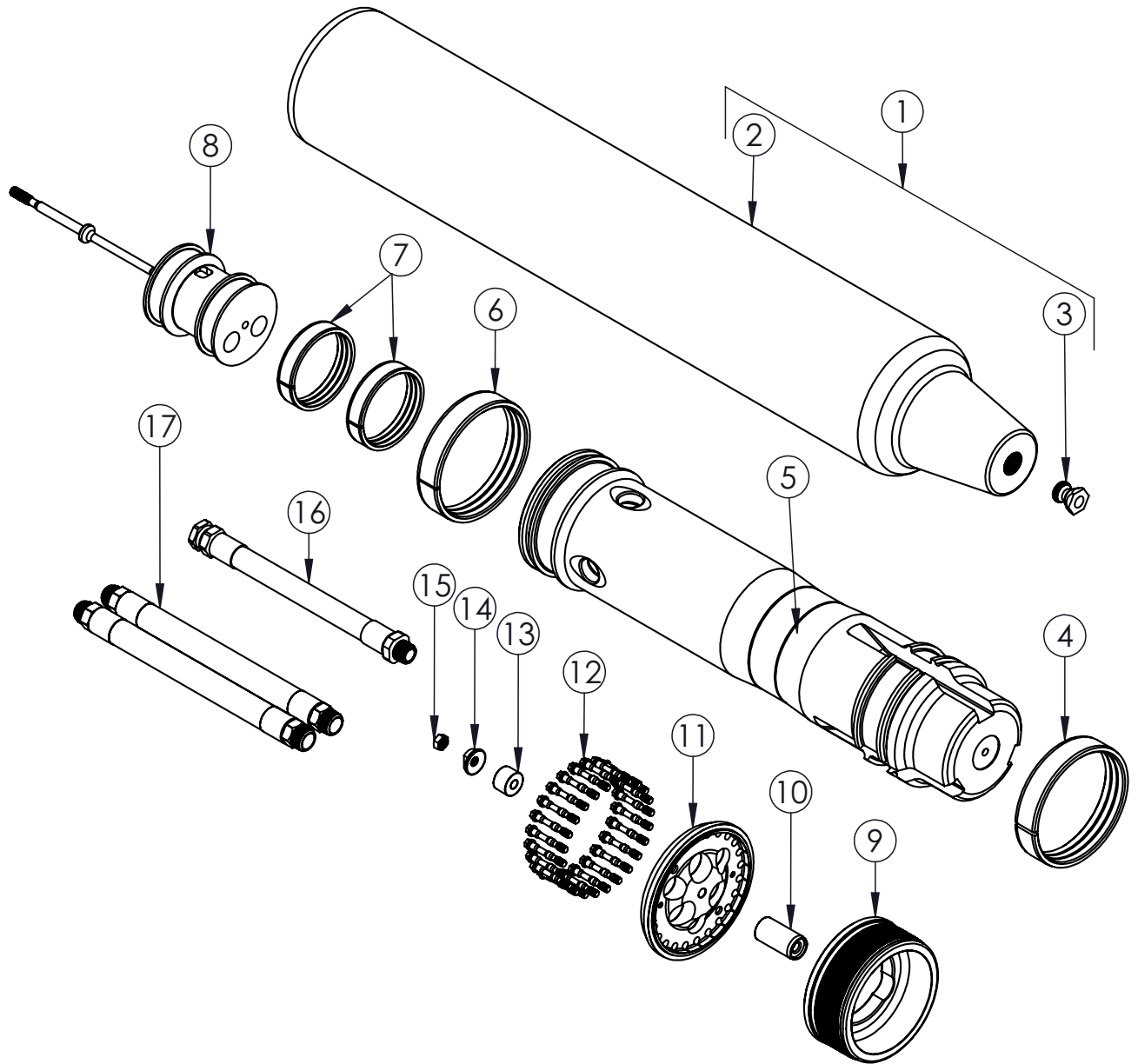
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12.00" (300 mm) AR, PN 120222

AR-AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



12.00" (300 mm) AR, PN 120222

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12.00" (300 mm) AR, PN 120222

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	120115	BODY ASSEMBLY	1	INCLUDES ITEMS 2, 3 & 18 - 22
3	120238	NOSEBOLT PLUG-LARGE	1	ANTI-SEEZ & TORQUE TO 600FT-LB (LEFT HAND THREAD)
4	120110	STRIKER RING-FRONT	1	.310/.290 GAP
5	120304	STRIKER	1	
6	120210	STRIKER RING	1	.155/.135 GAP
7	120211	VALVE RING	2	
8	120207	VALVE ASSY	1	
9	911-1226	REAR ANVIL-24 BOLT	1	ANTI-SEEZ & BACK OFF 1/8 TURN
10	120111	BUSHING ASSEMBLY, INNER	1	
11	120306	TAILCONE	1	
12	70321	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 120FT-LB
13	120333	BUSHING, EXTERNAL	1	
14	120215	FLANGE NUT	1	ANTI-SEEZ & HAND TIGHT + 3/4 TURN
15	120216	JAM NUT	1	ANTI-SEEZ & TORQUE TO 310FT-LB
16	120227	WHIP HOSE ASSY-REV	1	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
17	120228	WHIP HOSE ASSY-FWD	2	LOCTITE 242(BLUE) & TORQUE TO 200FT-LB
18	160288	LIFT STRAP	2	NOT SHOWN
19	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
20	923-1877	DECAL, PATENTS	1	NOT SHOWN
21	2101	DECAL, BOX	1	NOT SHOWN
22	2114	DECAL, SMALL TOOL	1	NOT SHOWN
23	120903	TRANSPORT ROD ASSY	1	NOT SHOWN

924-0106 REV C

12.00" (300 mm) AR, PN 120222

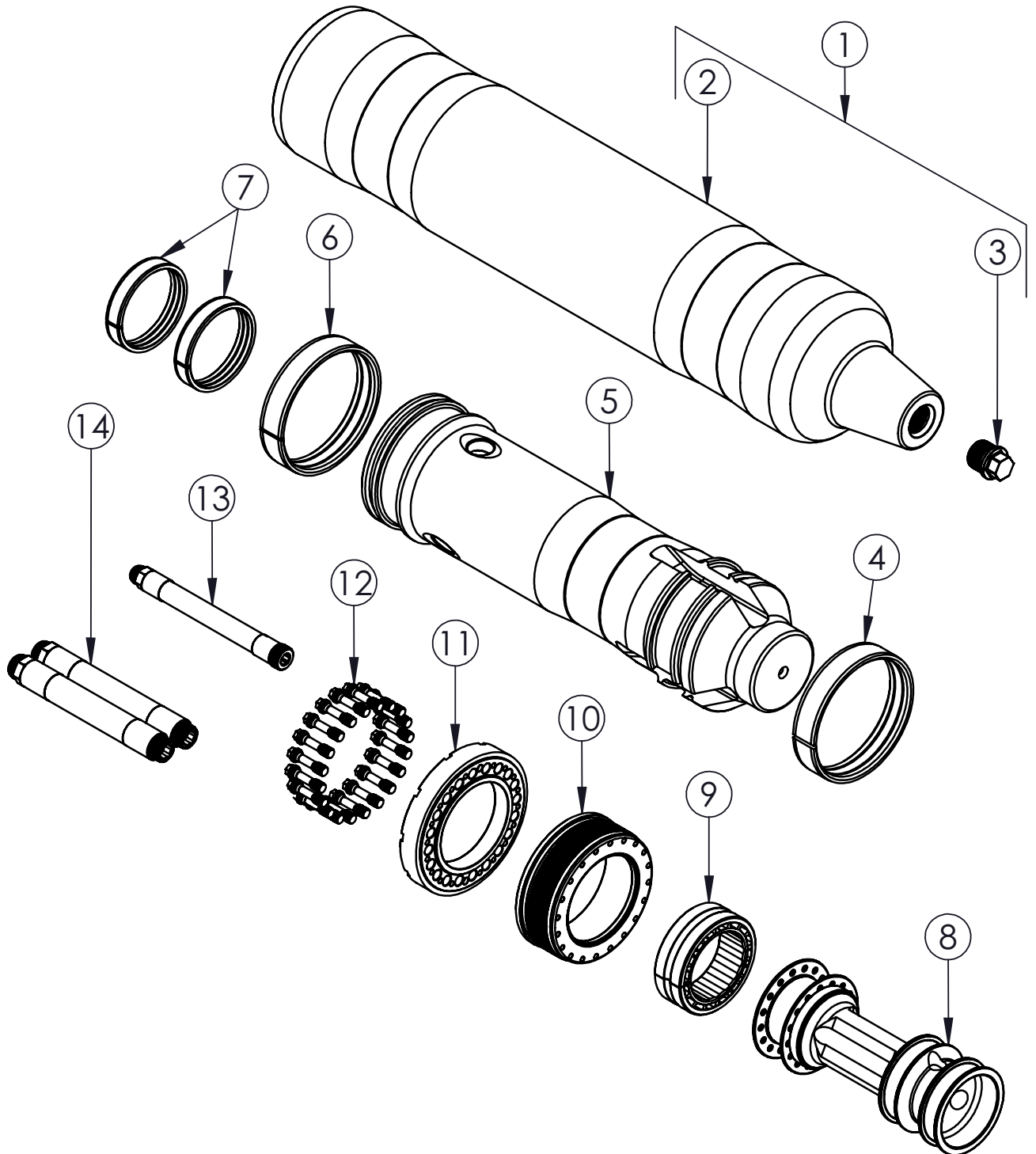
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16.00" (400 mm) AR, PN 160222

AR—AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



16.00" (400 mm) AR, PN 160222

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16.00" (400 mm) AR, PN 160222

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	160111	BODY ASSEMBLY	1	INCLUDES ITEMS 2, 3 & 16 - 20
3	160341	NOSE PLUG, 16" RAM TOOL	1	ANTI-SEEZ & TORQUE TO 650FT-LB (LEFT HAND THREAD)
4	160110	STRIKER RING-FRONT	1	.400/.380 GAP
5	160304	16" STRIKER	1	
6	160210	STRIKER RING	1	.260/.240 GAP
7	160211	VALVE RING	2	
8	160307	AR VALVE ASSEMBLY	1	
9	160328	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
10	160305	REAR ANVIL-20 BOLT	1	ANTI-SEEZ & HAND TIGHT TO BODY
11	160311	TAILCONE-CASTLED	1	
12	160221	TAILBOLT	20	ANTI-SEEZ & TORQUE TO 250FT-LB
13	160315	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
14	160321	WHIP HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
15	160319	WRENCH ASSEMBLY	1	FOR ITEMS 13 & 14 - NOT SHOWN
16	160288	LIFT STRAP	2	NOT SHOWN
17	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
18	923-1877	DEAL, PATENTS	1	NOT SHOWN
19	2101	DECAL, BOX	1	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	160903	TRANSPORT ROD ASSY	1	NOT SHOWN
22	1843	24 JIC - 1.5" FEMALE CAP	1	NOT SHOWN
23	1840	32 JIC - 2" FEMALE CAP	1	NOT SHOWN

924-0109 REV C

16.00" (400 mm) AR, PN 160222

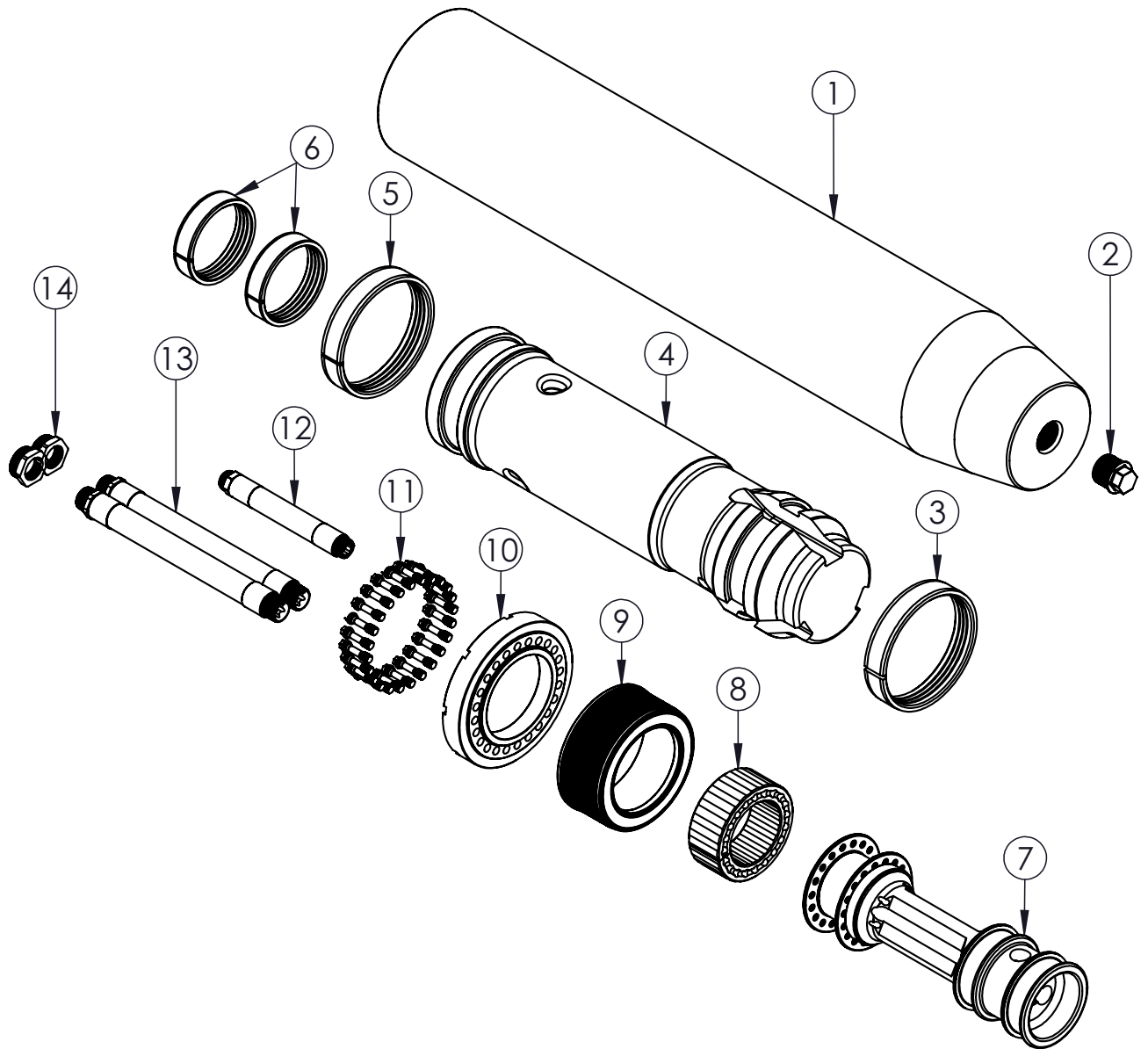
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20.00" (500 mm) AR, PN 200222

AR—AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



20.00" (500 mm) AR, PN 200222

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20.00" (500 mm) AR, PN 200222

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	200201	BODY 20"	1	
2	200251	NOSE PLUG, 20"/24" RAM TOOL	1	ANTI-SEEZ & TORQUE TO 800FT-LB (LEFT HAND THREAD)
3	200110	STRIKER RING, FRONT	1	.520/.490 GAP
4	200204	STRIKER-20" TOOL	1	
5	200210	STRIKER RING, REAR	1	.330/.300 GAP
6	200211	VALVE RING-20" TOOL	2	
7	200207	VALVE ASSY-20" TOOL	1	
8	200247	ISOLATOR, FINISHED	1	APPLY JET LUBE 550
9	200205	REAR ANVIL-20" TOOL	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	200206	TAILCONE-20" TOOL	1	
11	160221	TAILBOLT	24	ANTI-SEEZ & TORQUE TO 300FT-LB
12	160321	WHIP HOSE ASSY-FWD	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
14	1072	FEMALE SPUD-HAMMERLOCK	2	TEFLON TAPE & TORQUE TO 300FT-LB
15	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 13 - NOT SHOWN
16	200231	LIFT STRAP	2	NOT SHOWN
17	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
18	923-1877	DEAL, PATENTS	1	NOT SHOWN
19	2101	DECAL, BOX	1	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	200230	TRANSPORT ROD ASSY	1	NOT SHOWN
22	200223	CAP, DUST HAMMERLOCK	1	NOT SHOWN
23	1840	32 JIC - 2" FEMALE CAP	1	NOT SHOWN

924-0112 REV B

20.00" (500 mm) AR, PN 200222

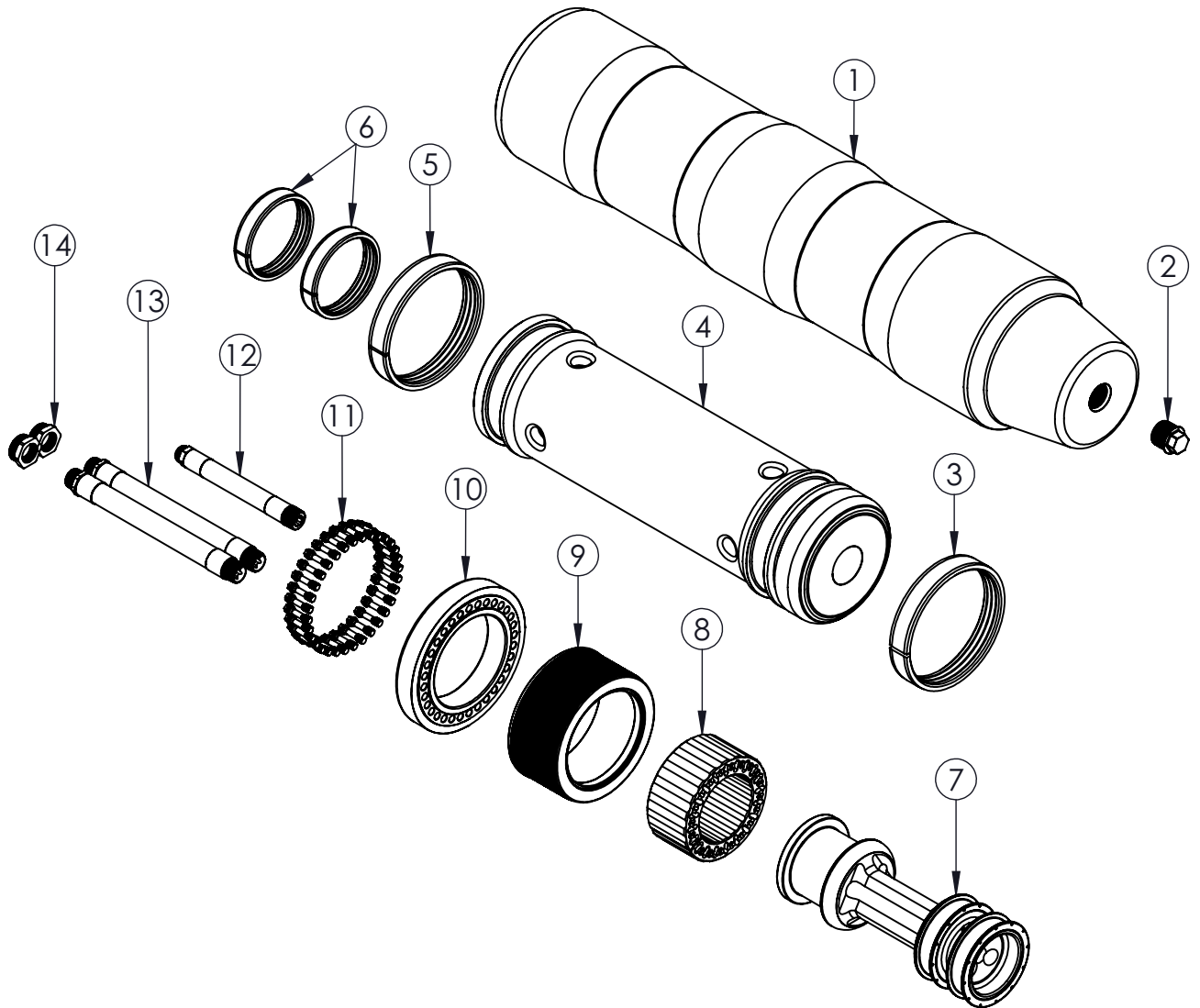
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24.00" (600 mm) AR, PN 220522

AR-AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



24.00" (600 mm) AR, PN 220522

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24.00" (600 mm) AR, PN 220522

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	220500	BODY MACHINE, 24"	1	
2	200251	NOSE PLUG, 20"/24" RAM TOOL	1	ANTI-SEEZ & TORQUE TO 800FT-LB (LEFT HAND THREAD)
3	220110	STRIKER RING-FRONT	1	.575/.545 GAP
4	220204	STRIKER	1	
5	220210	STRIKER RING-REAR	1	.390/.370 GAP
6	220211	VALVE RING	2	
7	220507	VALVE ASSEMBLY, 24"	1	
8	220513	ISOLATOR, 24A	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL
9	220505	REAR ANVIL, 24A	1	ANTI-SEEZ & HAND TIGHT TO BODY
10	220506	TAILCONE, 24A	1	
11	160221	TAILBOLT	32	ANTI-SEEZ & TORQUE TO 300FT-LB
12	220511	WHIP HOSE ASSY-REV 24A	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	200220	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 500FT-LB
14	1072	FEMALE SPUD-HAMMERLOCK	2	TEFLON TAPE & TORQUE TO 300FT-LB
15	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 13 - NOT SHOWN
16	220244	LIFTING STRAP	2	NOT SHOWN
17	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
18	923-1877	DECAL, PATENTS	1	NOT SHOWN
19	2101	DECAL, BOX	1	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	200230	TRANSPORT ROD ASSY	1	NOT SHOWN
22	1840	32 JIC - 2" FEMALE CAP	1	NOT SHOWN
23	200223	CAP, DUST HAMMERLOCK	1	NOT SHOWN

924-0115 REV B

24.00" (600 mm) AR, PN 220522

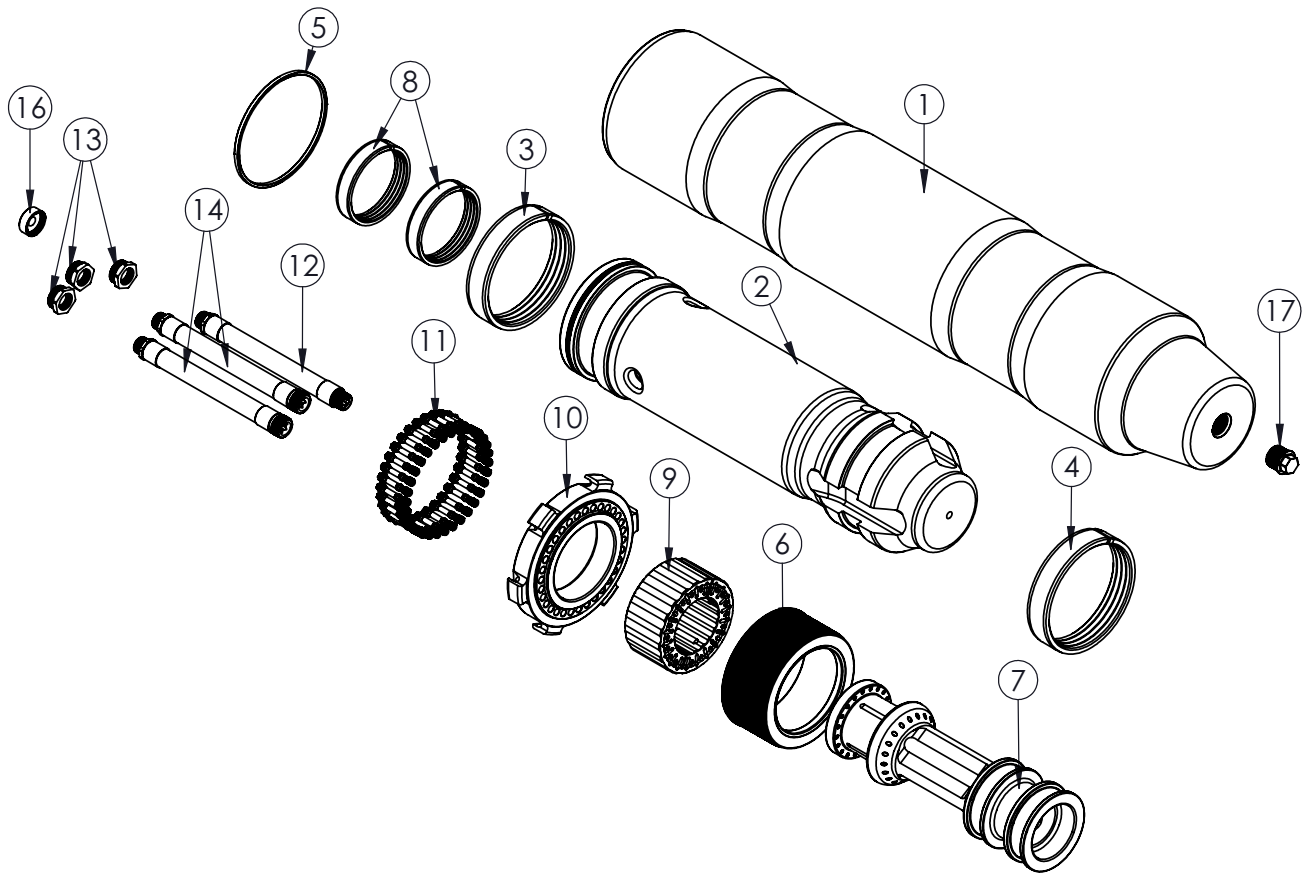
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26.00" (650 mm) AR, PN 260022

AR-AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



26.00" (650 mm) AR, PN 260022

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26.00" (650 mm) AR, PN 260022

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	260000	BODY MACHINE, 26"	1	
2	260004	STRIKER , 26"	1	
3	260012	STRIKER RING-REAR 26"	1	.505/.475 GAP
4	260002	STRIKER RING-FRONT 26"	1	.725/.695 GAP
5	260003	STRIKER SEAL, 26"	1	SLIT CUT NO GAP
6	260005	REAR ANVIL, 26"	1	ANTI-SEEZ & HAND TIGHT TO BODY
7	260008	VALVE BODY, 26"	1	
8	260011	VALVE RING, 26"	2	
9	260009	ISOLATOR, CUT, 26"	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL, (TIMED TO VALVE)
10	260006	T-CONE RAM, 26"	1	
11	260021	TAILBOLT, 26"	32	ANTI-SEEZ & TORQUE TO 400FT-LB
12	200220	WHIP HOSE ASSY-REV	1	TEFLON TAPE & TORQUE TO 500FT-LB
13	1072	2-1/2" HAMMERLOCK	3	TEFLON TAPE & TORQUE TO 300FT-LB
14	260013	HOSE ASSY-FWD	2	TEFLON TAPE & TORQUE TO 600FT-LB
15	260018	TRANSPORT ROD, 26" TL	2	NOT SHOWN
16	200223	CAP, DUST HAMMERLOCK	1	
17	200251	NOSE PLUG, 20"/24" RAM TL	1	ANTI-SEEZ & TORQUE TO 800FT-LB (LEFT HAND THREAD)
18	200219	WRENCH, EXT HOSE	1	FOR ITEMS 12 & 14 - NOT SHOWN
19	220244	LIFTING STRAP	2	NOT SHOWN
20	2129	DECAL, HAMMERHEAD 29" RED	1	NOT SHOWN
21	923-1877	DEAL, PATENTS	1	NOT SHOWN
22	2101	DECAL, BOX	1	NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	200240	TRANSPORT PALLET	1	NOT SHOWN
25	911-2469	SOCKET, 1-1/8" 6PT X 3/4"DR	1	FOR ITEM 11 - NOT SHOWN

924-0118 REV B

26.00" (650 mm) AR, PN 260022

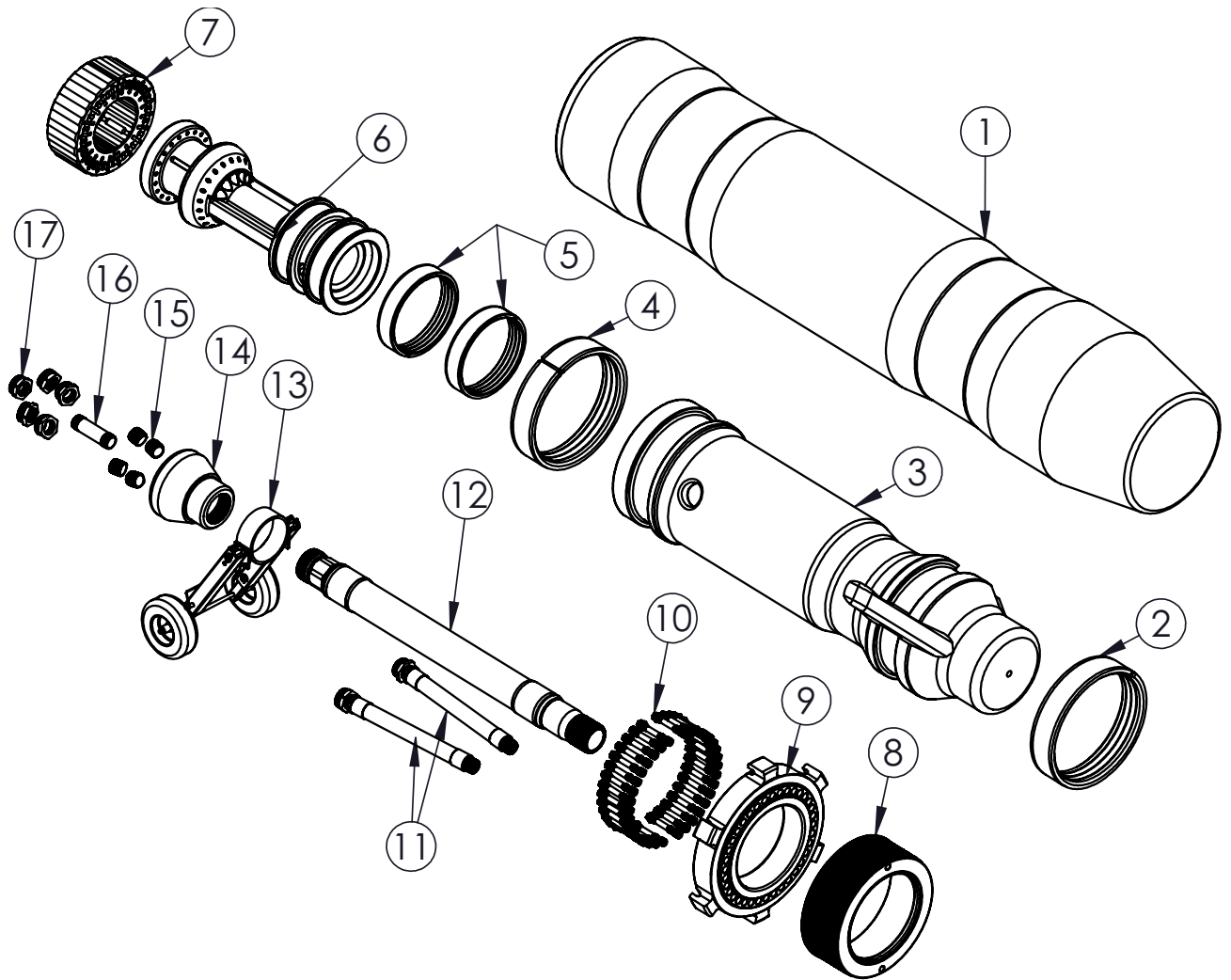
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34.00" (865 mm) AR, PN 340022

AR-AIR REVERSE, PIPE RAMMING HAMMER

EXPLODED VIEW



34.00" (865 mm) AR, PN 340022

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34.00" (865 mm) AR, PN 340022

AR-AIR REVERSE, PIPE RAMMING HAMMER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	340000	BODY MACHINE, 34"	1	
2	340032	STRIKER RING, FRONT 34"	1	.765/.735 GAP
3	340014	STRIKER, 34"	1	
4	340012	STRIKER RING, REAR 34"	1	.515/.485 GAP
5	340011	VALVE RING, 34"	2	
6	340008	VALVE BODY, 34"	1	
7	340017	ISOLATOR, 34"	1	APPLY JET LUBE 550 & MACHINED SIDE TO ANVIL
8	340015	REAR ANVIL, 34"	1	ANTI-SEEZ & HAND TIGHT TO BODY
9	340147	TAILCONE, 34"	1	
10	340021	TAILBOLT, 34"	34	ANTI-SEEZ & TORQUE TO 800FT-LB
11	200227	HOSE ASSY W/ HAMMERLOCK	2	TEFLON TAPE & TORQUE TO 500FT-LB
12	340001	EXTERNAL HOSE, 34" FWD	1	ANTI-SEEZ & TORQUE TO 2400FT-LB
13	340010	ADJUSTABLE STAND, 34" MANIFOLD	1	
14	340023	HOSE MANIFOLD, 34"	1	LOCTITE 242 & TORQUE TO 1200FT-LB
15	1987	NIPPLE, CLOSE 2.5NPT (.276" WALL)	4	
16	1984	NIPPLE, 2.5NPT X 10" (.276" WALL)	1	
17	1072	FEMALE SPUD-HAMMERLOCK	5	
18	340002	WRENCH, EXT HOSE 34"	1	FOR ITEM 12 - NOT SHOWN
19	200219	WRENCH, EXT HOSE	1	FOR ITEM 11 - NOT SHOWN
20	340004	LIFT STRAP, 34" TOOL	2	NOT SHOWN
21	340003	SOCKET, 1" DRIVE 1-5/16	1	FOR ITEM 10 - NOT SHOWN
22	2132	DECAL, HAMMERHEAD RED 70.5"	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN
24	2101	DECAL, BOX	1	NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	340020	TRANSPORT ROD ASSY, 34"	2	NOT SHOWN
27	340031	HOSE SUPPORT, 34"	1	NOT SHOWN
28	200223	CAP, DUST HAMMERLOCK	6	NOT SHOWN
29	340163	DECAL, WARNING TRANSPORT	1	NOT SHOWN

924-0117 REV D

34.00" (865 mm) AR, PN 340022

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