

HAMMERHEAD MOLE® PNEUMATIC PIERCING TOOLS

PARTS MANUAL



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UPDATED DECEMBER 19, 2017

PARTS MANUAL INTRODUCTION

HAMMERHEAD MOLE® PNEUMATIC PIERCING TOOLS

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.

PARTS MANUAL TABLE OF CONTENTS

HAMMERHEAD MOLE® PNEUMATIC PIERCING TOOLS

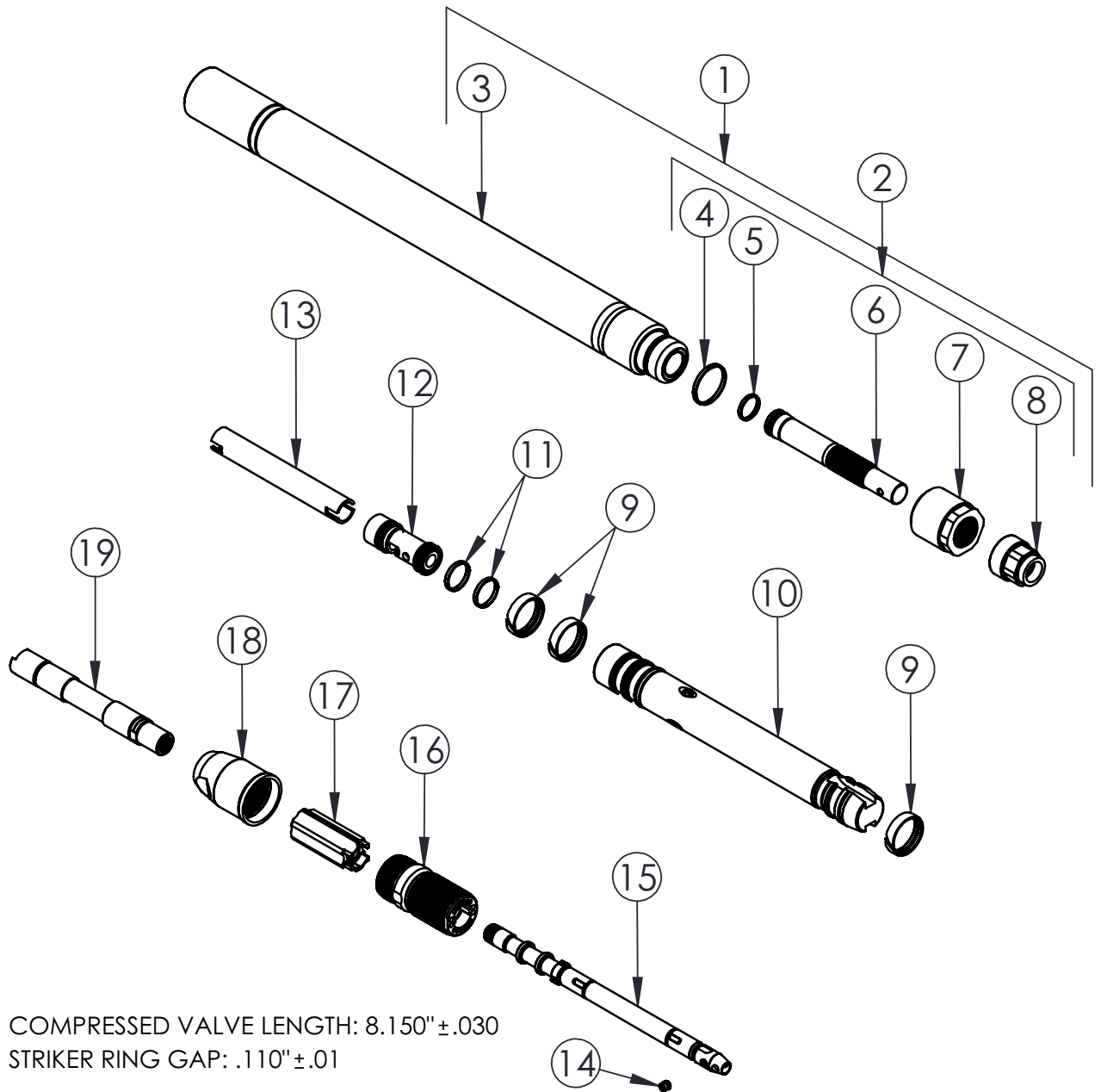
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For ordering or pricing information,
contact your local authorized HammerHead dealer.

2.00" (50 mm) AH PP SW BL, PN 21744

AH – ACTIVE HEAD, PP – POWER PORT, SW – SIDEWALKER, BL – BOLTLESS

EXPLODED VIEW



2.00" (50 mm) AH PP SW BL, PN 21744

AH – ACTIVE HEAD, PP – POWER PORT, SW – SIDEWALKER, BL – BOLTLESS

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	21742	BODY ASSEMBLY, 2" AH PP SW	1	INCLUDES ITEMS 3, 4-8 & 24-25
2	20738	HEAD REPLACEMENT KIT 2" AH	1	INCLUDES ITEMS 4-8
4	20712	RING, HEAD SEAL	1	
5	20713	RING, BIT SHAFT	1	
6		BIT SHAFT, 2" AH	1	ANTI-SEEZ
7		REAR HEAD	1	ANTI-SEEZ & TORQUE TO FRONT HD 300FT-LB
8		FRONT HEAD	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	20210	STRIKER RING, 2"	3	
10	21704	STRIKER, 2.0" AH SW	1	
11	21717	VALVE RING REPLACEMENT KIT	1	INCLUDES TWO RINGS & COMPRESSOR
12	21741	VALVE RPLT KIT, 2.0" AH SW	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	21739	CONTROL SLEEVE, 2.0" AH SW	1	
14	17215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	21770	CONTROL STEM, 2.0" PP SW	1	S/N 135457 & LR 21737
16	21705	REAR ANVIL, 2.0" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	21703	ISOLATOR HALF, 2.0" PP	2	ANTI-SEEZ ID
18	21706	TAILCONE, 2.0" PP	1	ANTI-SEEZ & TORQUE TO 250FT-LB
19	20727	EXTERNAL WHIP	1	TORQUE TO 45FT-LB
20	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
21	21721	SOCKET, 1-1/2" WRENCH	1	FOR ITEM 18 - NOT SHOWN
22	21753	SOCKET, REAR ANVIL	1	FOR ITEM 16 - NOT SHOWN
23	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
24	2114	DECAL, SMALL TOOL	1	NOT SHOWN
25	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
26	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0006 REV E

2.00" (50 mm) AH PP SW BL

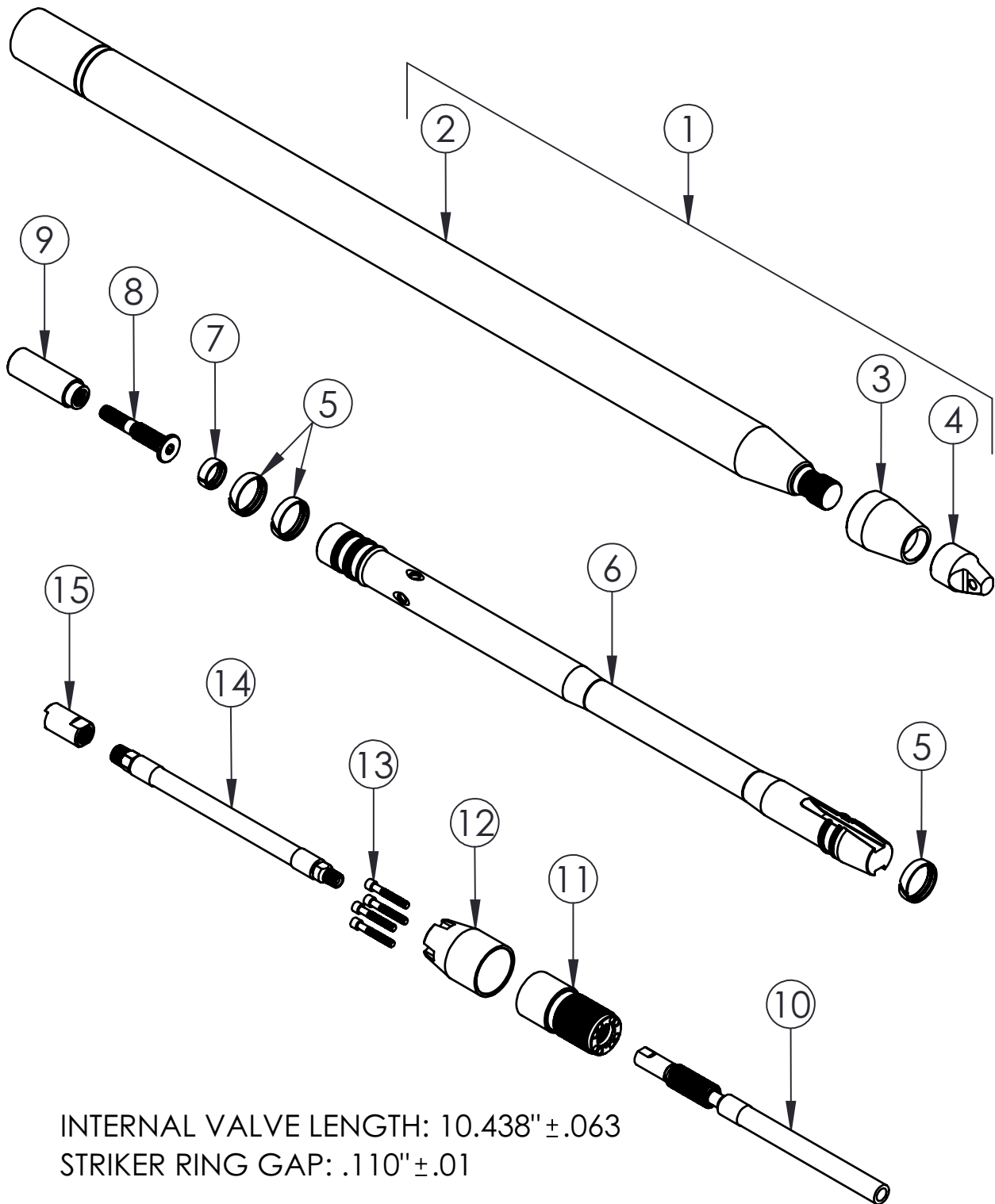
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2.00" (50 mm) RH SR, PN 20222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

EXPLODED VIEW



2.00" (50 mm) RH SR

HAMMERHEAD®

2.00" (50 mm) RH SR, PN 20222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	20304	BODY ASSEMBLY-2" RH SR	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	20313	WEAR FACE, 2"	1	ANTI-SEEZ
4	21750	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB, S/N 134934 & LR 17207
5	20210	STRIKER RING, 2"	3	
6	20214	2" SR STRIKER	1	
7	20211	VALVE RING 2"	1	
8	20209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 20FT-LB
9	20208	VALVE	1	
10	20226	INTERNAL WHIP-2"	1	ANTI-SEEZ THREADS
11	20205	REAR ANVIL	1	ANTI-SEEZ & HAND TIGHT TO BODY
12	20206	TAILCONE	1	
13	20221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 120IN-LB
14	17227	HOSE WHIP-REAR	1	TORQUE TO 30FT-LB
15	17242	QUICK CONNECT-FEMALE	1	TORQUE TO 45FT-LB
16	21762	SOCKET, 2.0" ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
17	20260	HEX DRIVER - 3/16"	1	FOR ITEM 13 - NOT SHOWN
18	20259	HEX KEY, 5/16"	1	FOR ITEM 8 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0001 REV E

2.00" (50 mm) RH SR

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2.00" (50 mm) RH PP

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This diagram illustrates the exploded view of a mechanical assembly, with components numbered 1 through 16. The assembly includes a long main shaft (1), a handle (2), a trigger (3), a trigger guard (4), a trigger spring (5), a trigger pin (6), a trigger sleeve (7), a trigger spring pin (8), a trigger spring (9), a trigger spring pin (10), a trigger spring (11), a trigger spring pin (12), a trigger spring (13), a trigger spring pin (14), a trigger spring (15), and a trigger spring pin (16).

8

2.00" (50 mm) RH PP, PN 20622

RH – REPLACEABLE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	20604	BODY ASSEMBLY-2" RH PP	1	INCLUDES ITEMS 2, 3, 4 & 20-22
3	20313	WEAR FACE, 2"	1	ANTI-SEEZ
4	17207	REPLACABLE NOSE BOLT	1	ANTI-SEEZ & TORQUE TO 250FT-LB
5	20210	STRIKER RING, 2"	3	
6	20704	STRIKER 2" PP	1	
7	21717	VALVE RING REPLACEMENT KIT	1	INCLUDES TWO RINGS & COMPRESSOR
8	21716	VALVE REPLACEMENT KIT	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	20717	CONTROL SLEEVE 2" PP	1	
10	17215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	20720	CONTROL STEM	1	
12	20705	REAR ANVIL	1	ANTI-SEEZ & BACK OFF 1/8 TURN
13	20703	ISOLATOR - 2"	2	ANTI-SEEZ ID
14	20747	ANGLED EXH TAILCONE-2" PP	1	
15	20721	TAILBOLT, 2" PP	4	ANTI-SEEZ & TORQUE TO 144IN-LB
16	20727	EXTERNAL WHIP	1	TORQUE TO 45FT-LB
17	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
18	21756	ASSY, SOCKET, NOSEBOLT	1	FOR ITEM 4 - NOT SHOWN
19	20260	HEX DRIVER - 3/16"	1	FOR ITEM 15 - NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
22	2128	DECAL, SMALL TOOL PATENT RH PP	1	NOT SHOWN

924-0002 REV A

2.00" (50 mm) RH PP

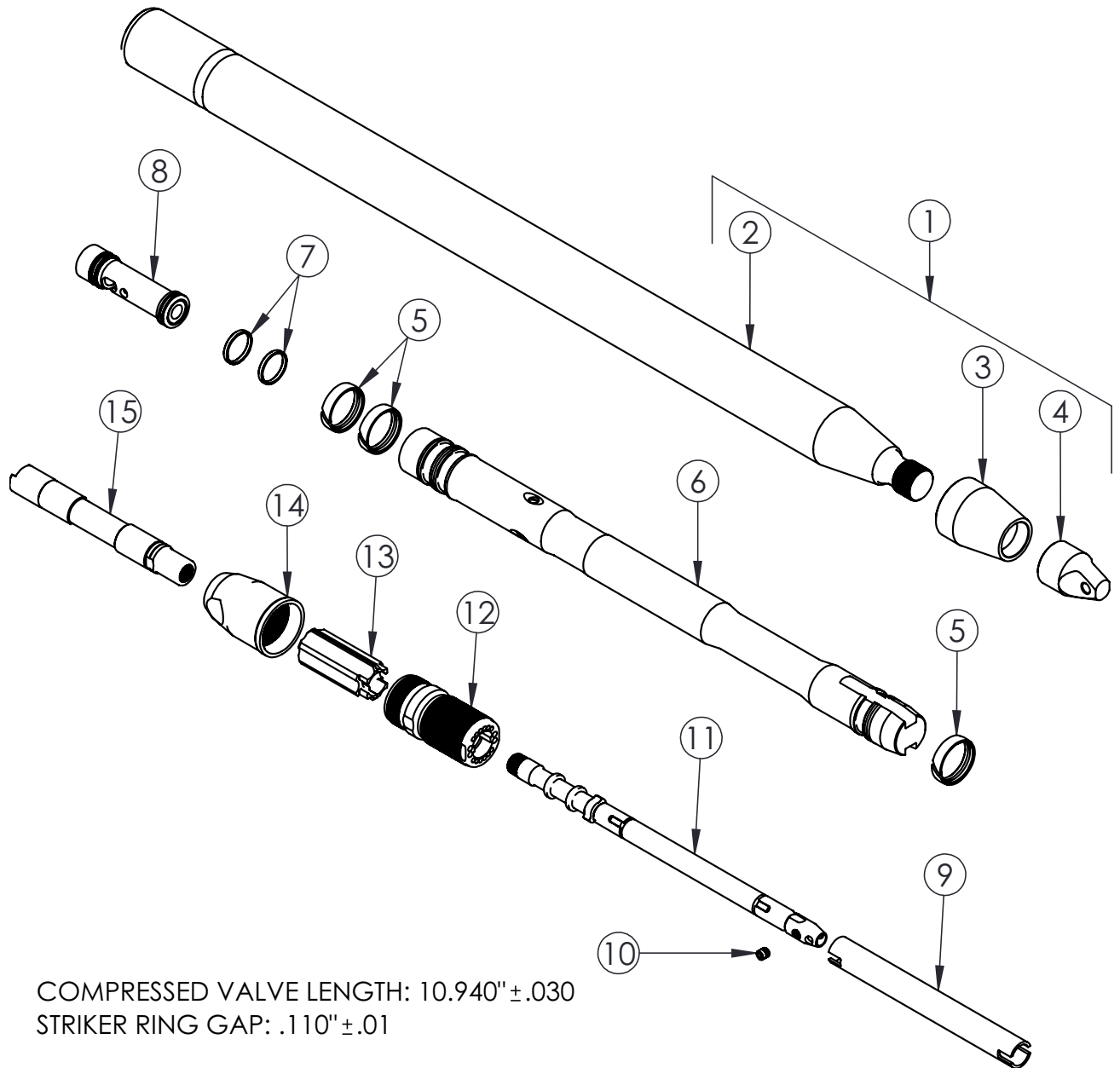
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2.00" (50 mm) RH PP BL, PN 21733

RH – REPLACEABLE HEAD, PP – POWER PORT, BL – BOLTLESS

EXPLODED VIEW



2.00" (50 mm) RH PP BL

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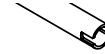
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2.00" (50 mm) RH PP BL, PN 21733

RH – REPLACEABLE HEAD, PP – POWER PORT, BL – BOLTLESS

PARTS LIST

STRIKER RING GAP: .110" ±.01



ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	20604	BODY ASSEMBLY-2" RH PP	1	INCLUDES ITEMS 2, 3, 4 & 20-22
3	20313	WEAR FACE, 2"	1	ANTI-SEEZ
4	21750	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB, S/N 134934 & LR 17207
5	20210	STRIKER RING, 2"	3	
6	20704	STRIKER 2" PP	1	
7	21717	VALVE RING REPLACEMENT KIT	1	INCLUDES TWO RINGS & COMPRESSOR
8	21716	VALVE REPLACEMENT KIT	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	20717	CONTROL SLEEVE 2" PP	1	
10	17215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	21760	CONTROL STEM, 2.0" PP	1	S/N 135457 & LR 21720
12	21705	REAR ANVIL, 2.0" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	21703	ISOLATOR HALF, 2.0" PP	2	ANTI-SEEZ ID
14	21706	TAILCONE, 2.0" PP	1	ANTI-SEEZ & TORQUE TO 250FT-LB
15	20727	EXTERNAL WHIP	1	TORQUE TO 45FT-LB
16	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
17	21762	SOCKET, 2.0" ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
18	21721	SOCKET, 1-1/2" WRENCH	1	FOR ITEM 14 - NOT SHOWN
19	21753	SOCKET, REAR ANVIL	1	FOR ITEM 12 - NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
22	924-1877	DECAL, PATENTS	1	NOT SHOWN

924-0003 REV G

2.00" (50 mm) RH PP BL

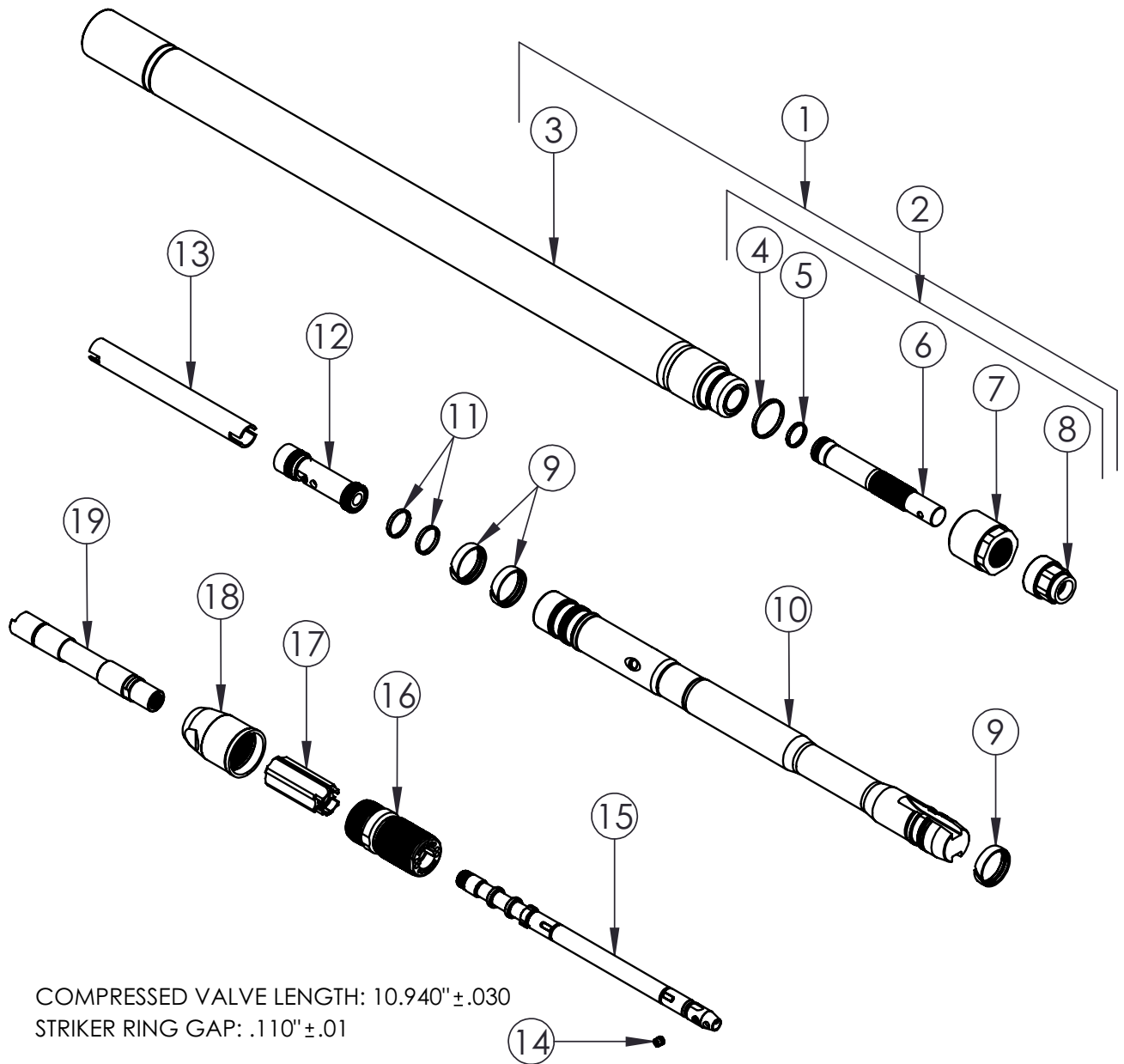
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2.00" (50 mm) AH PP BL, PN 21722

AH – ACTIVE HEAD, PP – POWER PORT, BL – BOLTLESS

EXPLODED VIEW



2.00" (50 mm) AH PP BL

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2.00" (50 mm) AH PP BL, PN 21722

AH – ACTIVE HEAD, PP – POWER PORT, BL – BOLTLESS

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	20726	BODY ASSY 2" AH PP	1	INCLUDES ITEMS 3, 4-8 & 24-26
2	20738	HEAD REPLACEMENT KIT 2"AH	1	INCLUDES ITEMS 4-8
4	20712	RING, HEAD SEAL	1	
5	20713	RING, BIT SHAFT	1	
6		BIT SHAFT, 2" AH	1	ANTI-SEEZ
7		REAR HEAD	1	ANTI-SEEZ & TORQUE TO FRONT HD 300FT-LB
8		FRONT HEAD	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	20210	STRIKER RING, 2"	3	
10	20704	STRIKER 2" PP	1	
11	21717	VALVE RING REPLACEMENT KIT	1	INCLUDES TWO RINGS & COMPRESSOR
12	21716	VALVE REPLACEMENT KIT	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	20717	CONTROL SLEEVE 2" PP	1	
14	17215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	21760	CONTROL STEM, 2.0" PP	1	S/N 135457 & LR 21720
16	21705	REAR ANVIL, 2.0" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	21703	ISOLATOR HALF, 2.0" PP	2	ANTI-SEEZ ID
18	21706	TAILCONE, 2.0" PP	1	ANTI-SEEZ & TORQUE TO 250FT-LB
19	20727	EXTERNAL WHIP	1	TORQUE TO 45FT-LB
20	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
21	21721	SOCKET, 1-1/2" WRENCH	1	FOR ITEM 18 - NOT SHOWN
22	21753	SOCKET, REAR ANVIL	1	FOR ITEM 16 - NOT SHOWN
23	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
24	2114	DECAL, SMALL TOOL	1	NOT SHOWN
25	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
26	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0005 REV E

2.00" (50 mm) AH PP BL

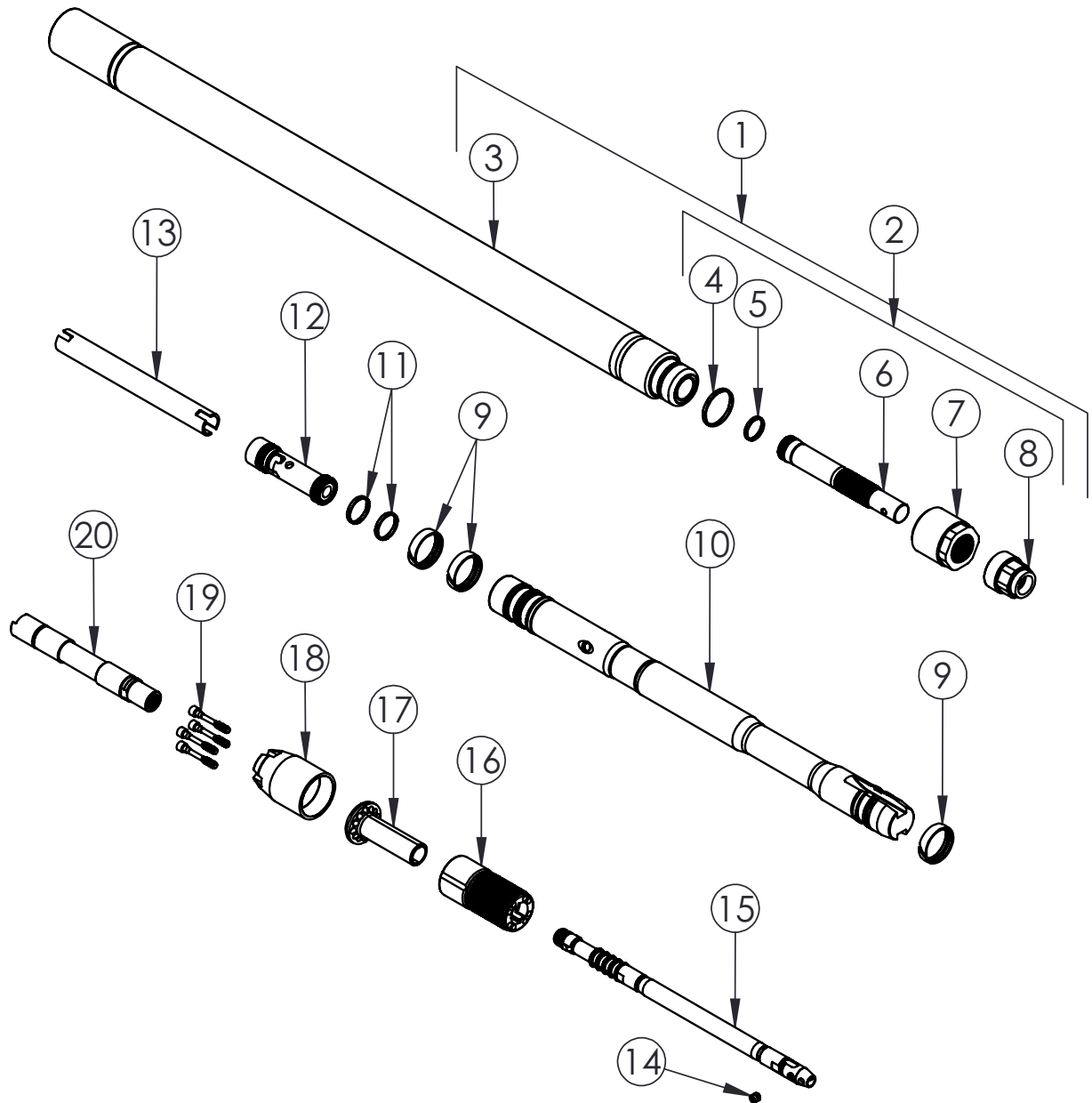
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2.00" (50 mm) AH PP, PN 20722

AH – ACTIVE HEAD, PP – POWER PORT

EXPLODED VIEW



2.00" (50 mm) AH PP

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2.00" (50 mm) AH PP, PN 20722

AH – ACTIVE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	20726	BODY ASSY 2" AH PP	1	INCLUDES ITEMS 3, 4-8 & 24-26
2	20738	HEAD REPLACEMENT KIT 2" AH	1	INCLUDES ITEMS 4-8
4		RING, HEAD SEAL	1	
5		RING, BIT SHAFT	1	
6		BIT SHAFT, 2" AH	1	ANTI-SEEZ
7		REAR HEAD	1	ANTI-SEEZ & TORQUE TO FRONT HD 300FT-LB
8		FRONT HEAD	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	20210	STRIKER RING, 2"	3	
10	20704	STRIKER 2" AH	1	
11	21717	VALVE RING REPLACEMENT KIT	1	INCLUDES TWO RINGS & COMPRESSOR
12	21716	VALVE REPLACEMENT KIT	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	20717	CONTROL SLEEVE 2" PP	1	
14	17215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	20720	CONTROL STEM	1	
16	20705	REAR ANVIL	1	ANTI-SEEZ & BACK OFF 1/8 TURN
17	20703	ISOLATOR - 2"	2	ANTI-SEEZ ID
18	20747	ANGLED EXH TAILCONE-2" PP	1	
19	20721	TAILBOLT, 2" PP	4	ANTI-SEEZ & TORQUE TO 144IN-LB
20	20727	EXTERNAL WHIP	1	TORQUE TO 45FT-LB
21	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
22	20260	HEX DRIVER - 3/16"	1	FOR ITEM 19 - NOT SHOWN
23	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
24	2114	DECAL, SMALL TOOL	1	NOT SHOWN
25	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
26	2117	DECAL, SMALL TOOL PATENT AH PP	1	NOT SHOWN

924-0004 REV A

2.00" (50 mm) AH PP

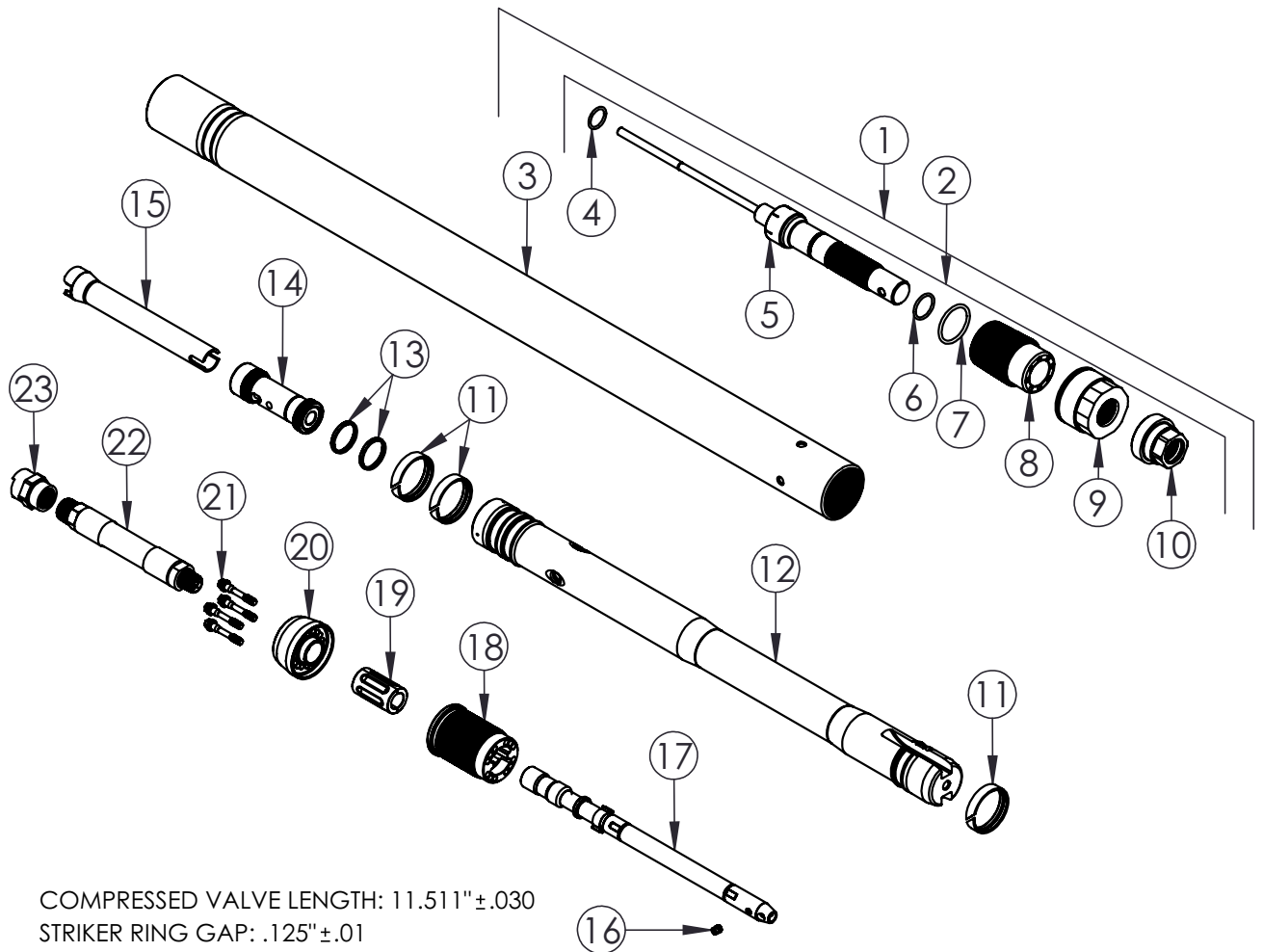
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2.50" (67 mm) CAT PP DF, PN 26022

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



2.50" (67 mm) CAT PP DF

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2.50" (67 mm) CAT PP DF, PN 26022

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	26120	BODY ASSY 2.5" CTMNT	1	INCLUDES ITEMS 3, 4-10 & 28-30
2	26140	BODY FRT REPLACEMENT KIT, 2.5" CTMNT	1	INCLUDES ITEMS 4-10
4	26114	O-RING, BUNA-N 70-118	1	ANTI-SEEZ
5	26105	BIT SHAFT ASSEMBLY	1	ANTI-SEEZ
6	918-0722	O-RING, BUNA-N 70-121	1	ANTI-SEEZ
7	26115	O-RING, BUNA-N 70-223	1	ANTI-SEEZ
8	26103	FRONT BUSHING- 2-1/2" CTMNT	1	ANTI-SEEZ & TORQUE TO 1060FT-LB
9	26107	HEAD, RR 2-1/2" CTMNT	1	ANTI-SEEZ & SET HD TRVL .13±.01
10	26108	HEAD, FR 2-1/2" CTMNT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
11	25210	STRIKER RING, 2-1/2"	3	
12	26104	STRIKER-2-1/2" CTMNT	1	
13	26121	VALVE RING REPLACEMENT KIT 2.5" CTMNT	1	INCLUDES TWO RINGS & COMPRESSOR
14	26139	VALVE REPLACEMENT KIT-2.5" CTMNT	1	INCLUDES VALVE, RINGS & COMPRESSOR
15	25617	CONTROL SLEEVE, 2.5"PP DF	1	
16	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
17	25620	CONTROL STEM, 2.5" PP DF	1	
18	25615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
19	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
20	25616	TAILCONE, 2.5" PP DF	1	
21	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
22	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
23	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
24	20735	HEX DRIVER - 5/32"	1	FOR ITEM 16 - NOT SHOWN
25	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 21 - NOT SHOWN
26	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 9 & 10 - NOT SHOWN
27	30930	SERV. KIT 2.5"&3.0" CTMNT BODY BUSHING	1	FOR ITEM 8 - NOT SHOWN
28	2114	DECAL, SMALL TOOL	1	NOT SHOWN
29	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
30	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0014 REV E

2.50" (67 mm) CAT PP DF

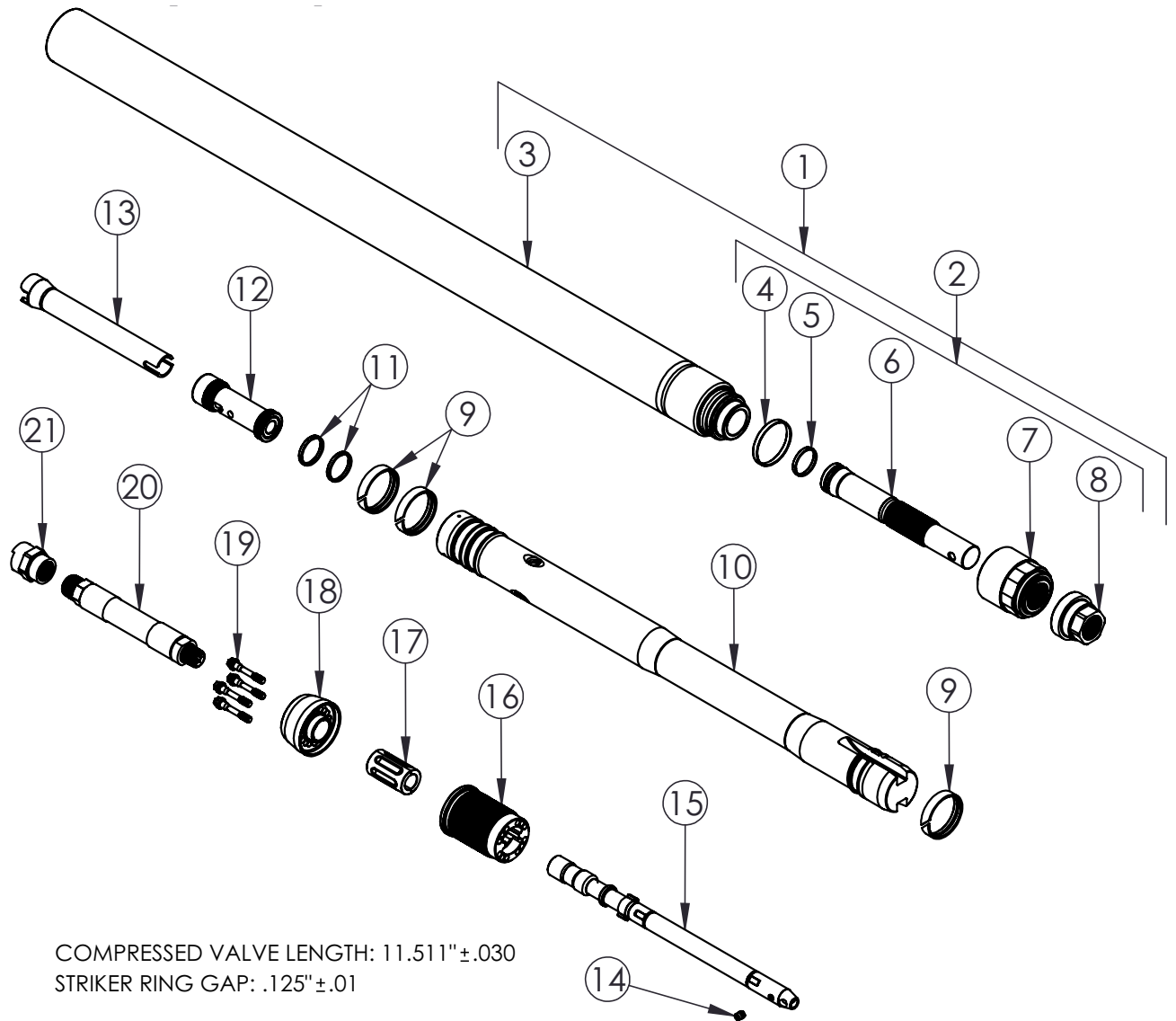
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2.50" (67 mm) AH PP DF, PN 25922

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



COMPRESSED VALVE LENGTH: 11.511"±.030
STRIKER RING GAP: .125"±.01

2.50" (67 mm) AH PP DF, PN 25922

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25146	BODY ASSY. 2-1/2 AH	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	25177	HEAD REPLACEMENT KIT, 2-1/2" AH	1	INCLUDES ITEMS 4-8
4	25143	RING, HEAD SEAL 2-1/2" AH	1	
5	25144	RING, BIT SHAFT	1	
6		BIT SHAFT-2-1/2"	1	ANTI-SEEZ
7		HEAD, RR 2-1/2"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	25210	STRIKER RING, 2-1/2"	3	
10	25148	STRIKER-2-1/2 PP	1	
11	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
12	25007	VALVE REPLACEMENT KIT-2.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	25617	CONTROL SLEEVE, 2.5" PP DF	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	25620	CONTROL STEM, 2.5" PP DF	1	
16	25615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
18	25616	TAILCONE, 2.5" PP DF	1	
19	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0012 REV D

2.50" (67 mm) AH PP DF

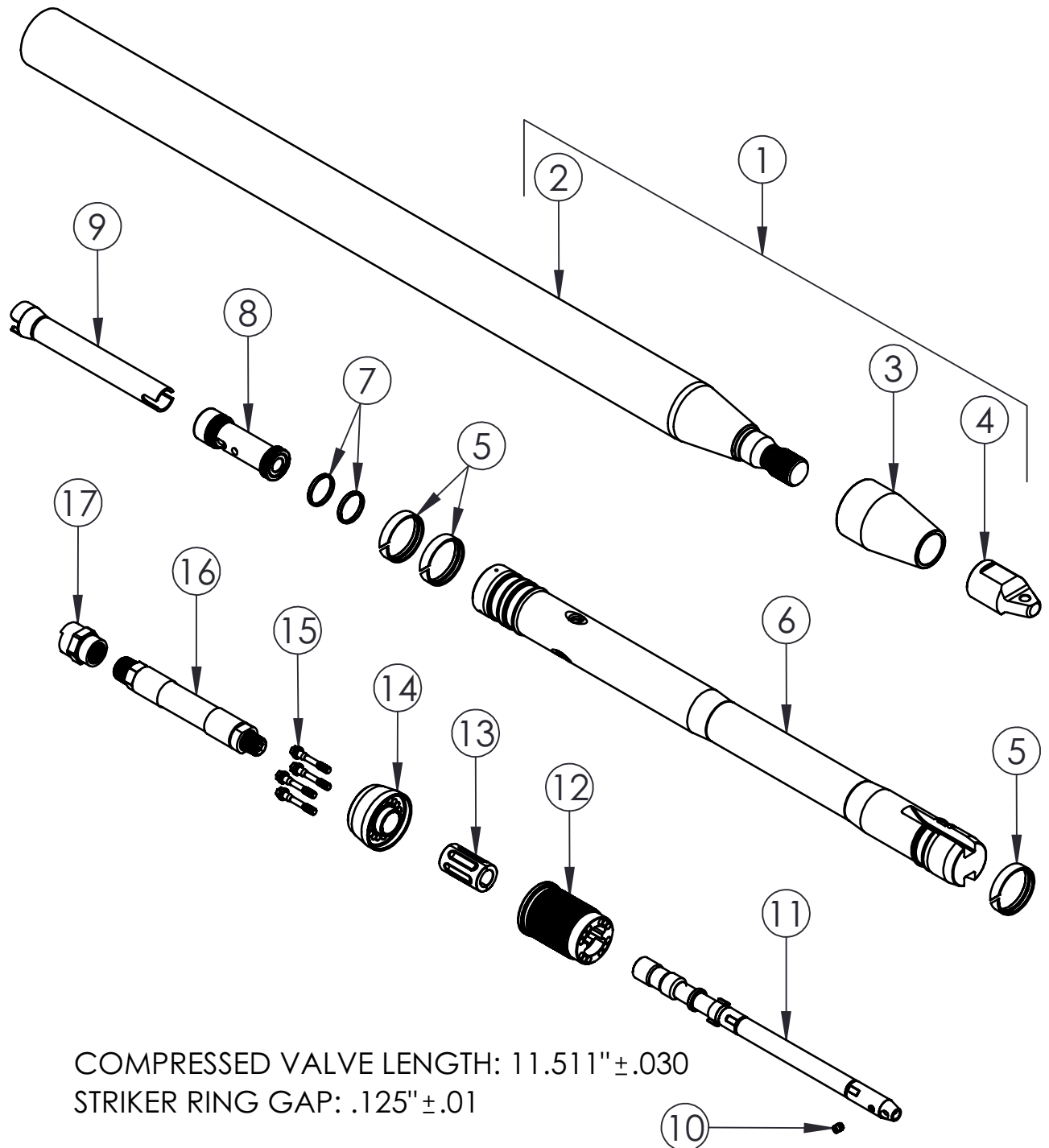
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2.50" (67 mm) RH PP DF, PN 25522

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



2.50" (67 mm) RH PP DF

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2.50" (67 mm) RH PP DF, PN 25522

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25319	BODY ASSY. - 2 1/2" RH	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ&TORQUE TO 500FT-LB S/N 133525 & LR 25321
5	25210	STRIKER RING, 2-1/2"	3	
6	25148	STRIKER-2-1/2 PP	1	
7	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
8	25007	VALVE REPLACEMENT KIT-2.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	25617	CONTROL SLEEVE, 2.5"PP DF	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	25620	CONTROL STEM, 2.5" PP DF	1	
12	25615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
14	25616	TAILCONE, 2.5" PP DF	1	
15	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0010 REV E

2.50" (67 mm) RH PP DF

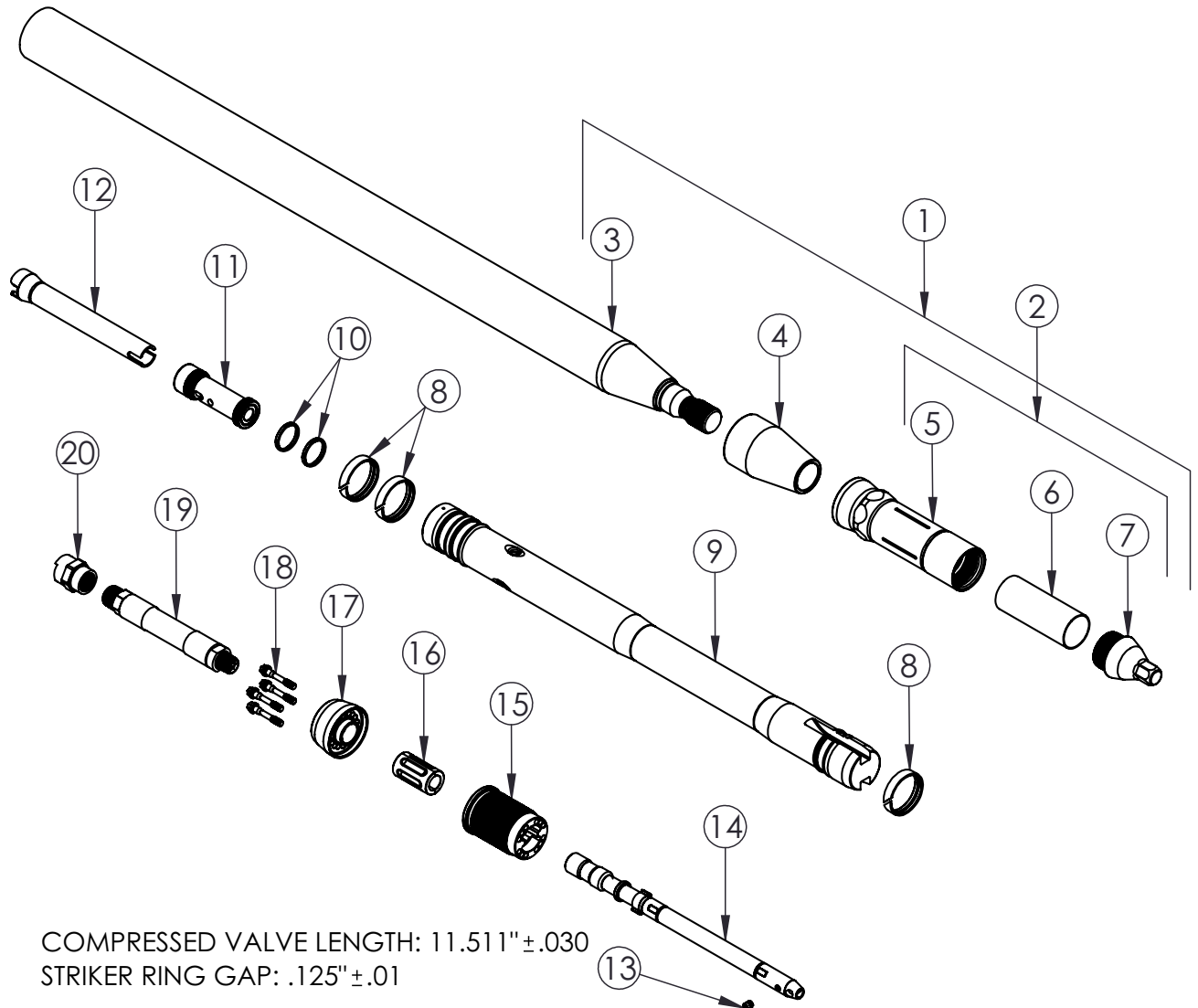
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2.50" (67 mm) RH PP DF MT, PN 26322

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

EXPLODED VIEW



2.50" (67 mm) RH PP DF MT

HAMMERHEAD®

2.50" (67 mm) RH PP DF MT, PN 26322

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25326	BODY ASSY 2.5" MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	25210	STRIKER RING, 2-1/2"	3	
9	25148	STRIKER-2-1/2 PP	1	
10	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
11	25007	VALVE REPLACEMENT KIT-2.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	25617	CONTROL SLEEVE, 2.5"PP DF	1	
13	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
14	25620	CONTROL STEM, 2.5" PP DF	1	
15	25615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
16	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
17	25616	TAILCONE, 2.5" PP DF	1	
18	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	20735	HEX DRIVER - 5/32"	1	FOR ITEM 13 - NOT SHOWN
22	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 18 - NOT SHOWN
23	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0036 REV E

2.50" (67 mm) RH PP DF MT

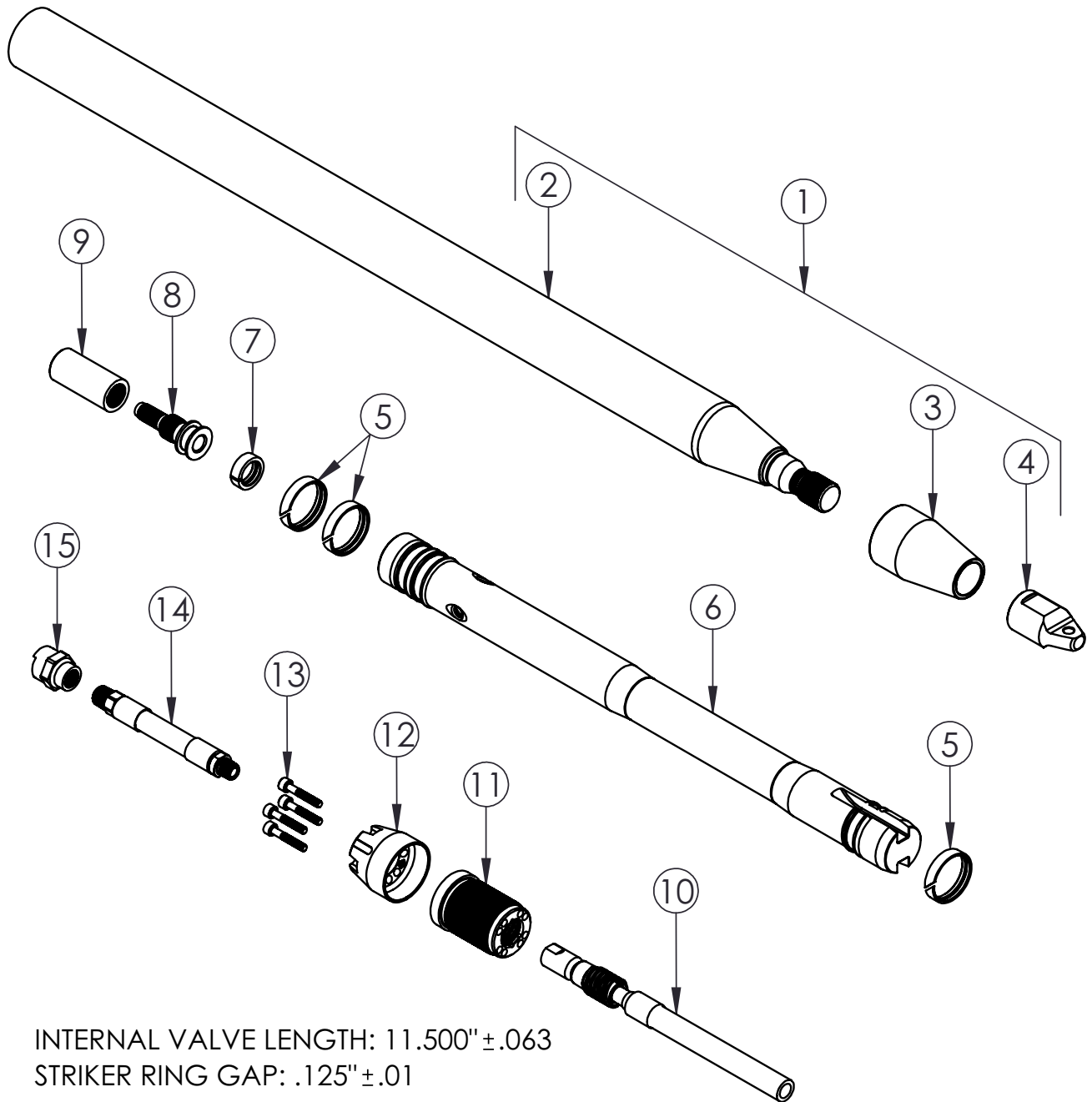
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2.50" (67 mm) RH SR, PN 25222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

EXPLODED VIEW



2.50" (67 mm) RH SR

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2.50" (67 mm) RH SR, PN 25222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25319	BODY ASSY. - 2 1/2" RH	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB S/N 133449 & LR 25321
5	25210	STRIKER RING, 2-1/2"	3	
6	25214	STRIKER-2-1/2 SR	1	
7	25211	VALVE RING 2-1/2"	1	
8	25209	RETAINER'	1	ANTI-SEEZ & TORQUE TO 60FT-LB
9	25208	VALVE, 2-1/2"	1	
10	25226	INTERNAL WHIP 2-1/2"	1	ANTI-SEEZ THREADS
11	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
12	25206	TAILCONE	1	
13	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
14	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
15	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
16	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
17	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 13 - NOT SHOWN
18	30259	HEX KEY, 7/16"	1	FOR ITEM 8 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0007 REV D

2.50" (67 mm) RH SR

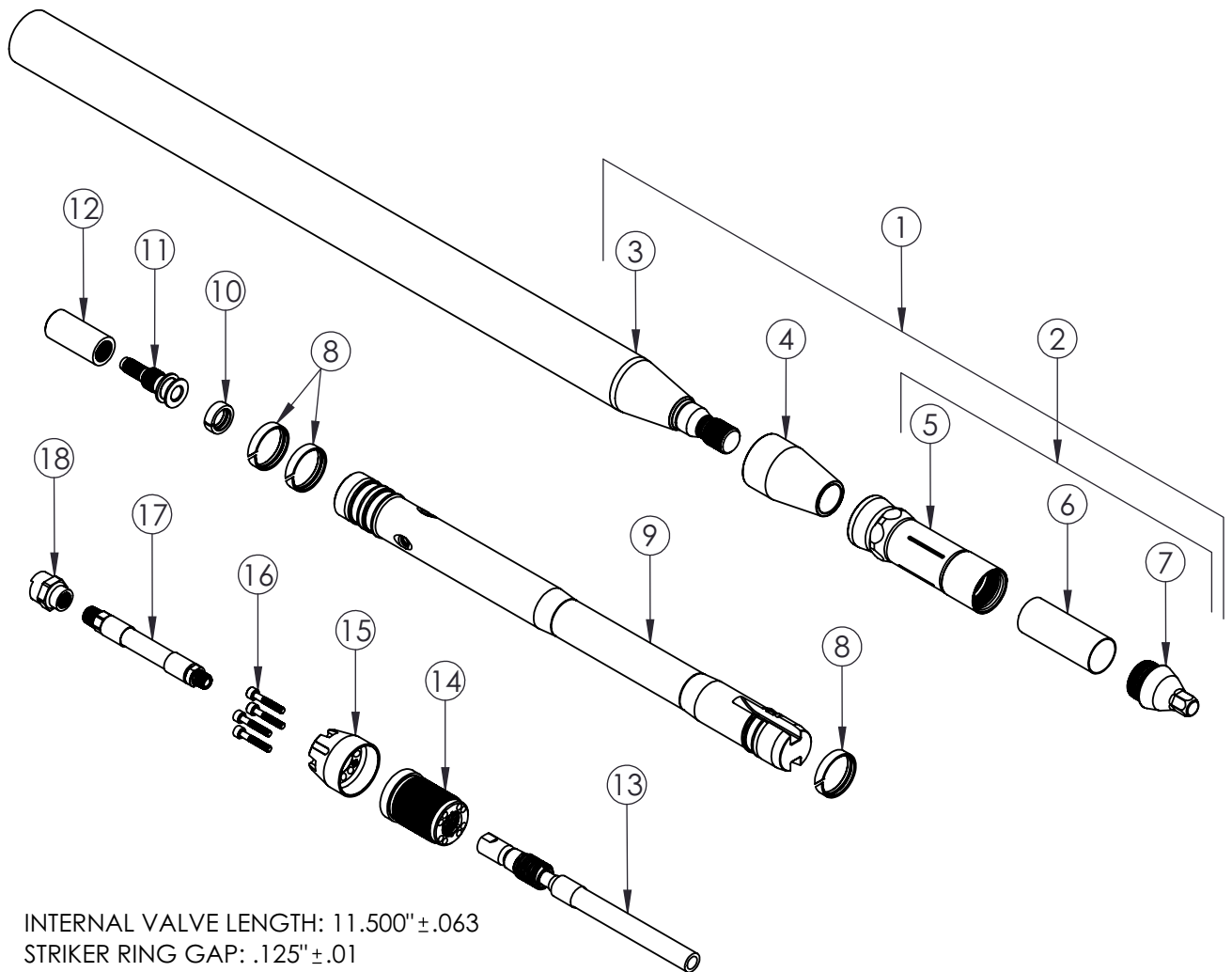
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2.50" (67 mm) RH SR MT, PN 26222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

EXPLODED VIEW



2.50" (67 mm) RH SR MT

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2.50" (67 mm) RH SR MT, PN 26222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25326	BODY ASSY 2.5" MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	25210	STRIKER RING, 2-1/2"	3	
9	25214	STRIKER-2-1/2 SR	1	
10	25211	VALVE RING 2-1/2"	1	
11	25209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
12	25208	VALVE, 2-1/2"	1	
13	25226	INTERNAL WHIP 2-1/2"	1	ANTI-SEEZ THREADS
14	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
15	25206	TAILCONE	1	
16	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
17	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
18	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
19	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 16 - NOT SHOWN
20	30259	HEX KEY, 7/16"	1	FOR ITEM 11 - NOT SHOWN
21	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0035 REV D

2.50" (67 mm) RH SR MT

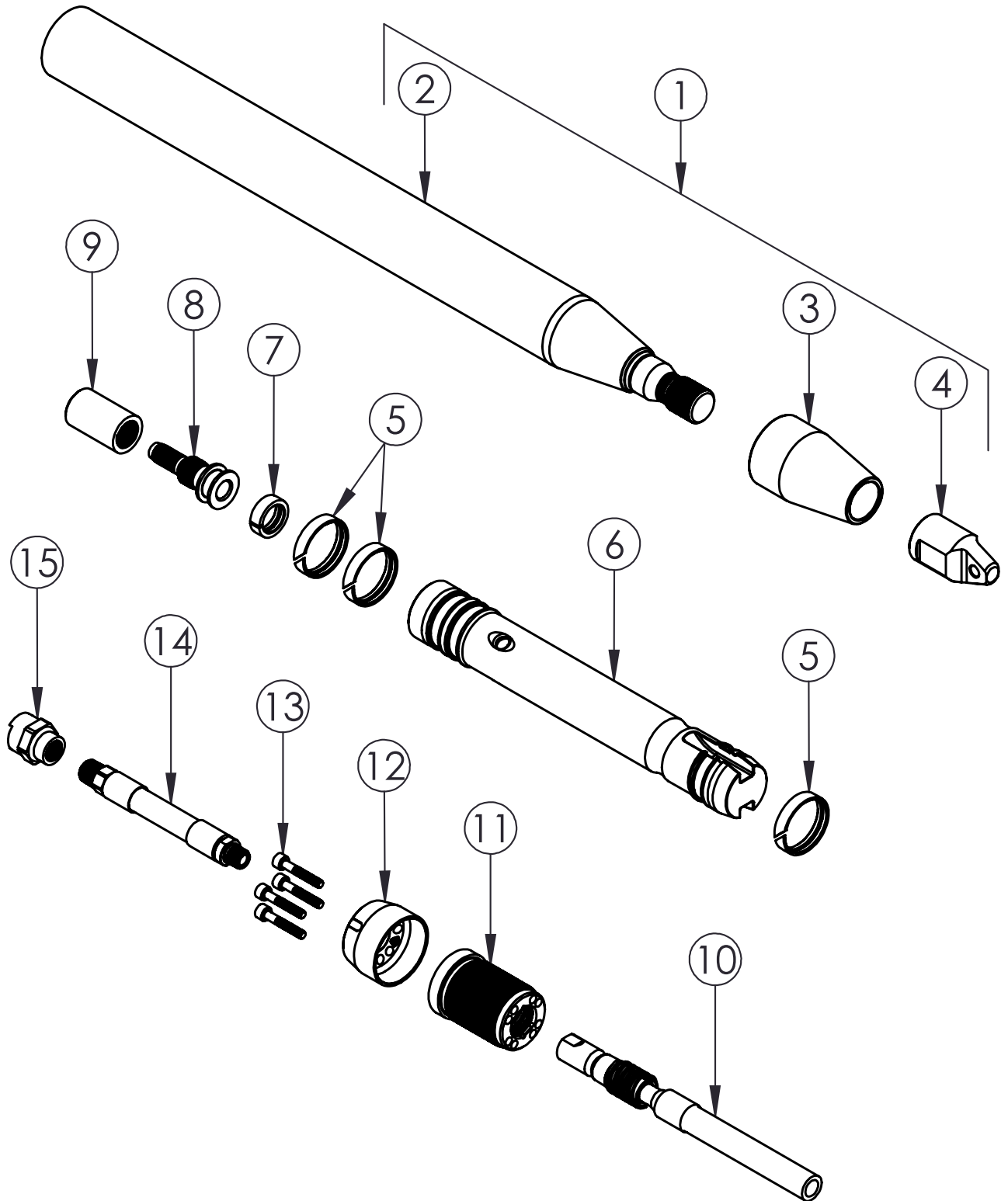
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2.50" (67 mm) RH SR SW, PN 25622

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER

EXPLODED VIEW



2.50" (67 mm) RH SR SW

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2.50" (67 mm) RH SR SW, PN 25622

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25506	BODY ASSEMBLY-2-1/2" RH SW	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB S/N 132833 & LR 25321
5	25210	STRIKER RING, 2-1/2"	3	
6	25614	STRIKER, SW	1	
7	25211	VALVE RING 2-1/2"	1	
8	25209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
9	25608	VALVE, SW	1	
10	25626	INTERNAL WHIP, SW	1	ANTI-SEEZ THREADS
11	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
12	25606	TAILCONE, SW	1	
13	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
14	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
15	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
16	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
17	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 13 - NOT SHOWN
18	30259	HEX KEY, 7/16"	1	FOR ITEM 8 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0008 REV B

2.50" (67 mm) RH SR SW

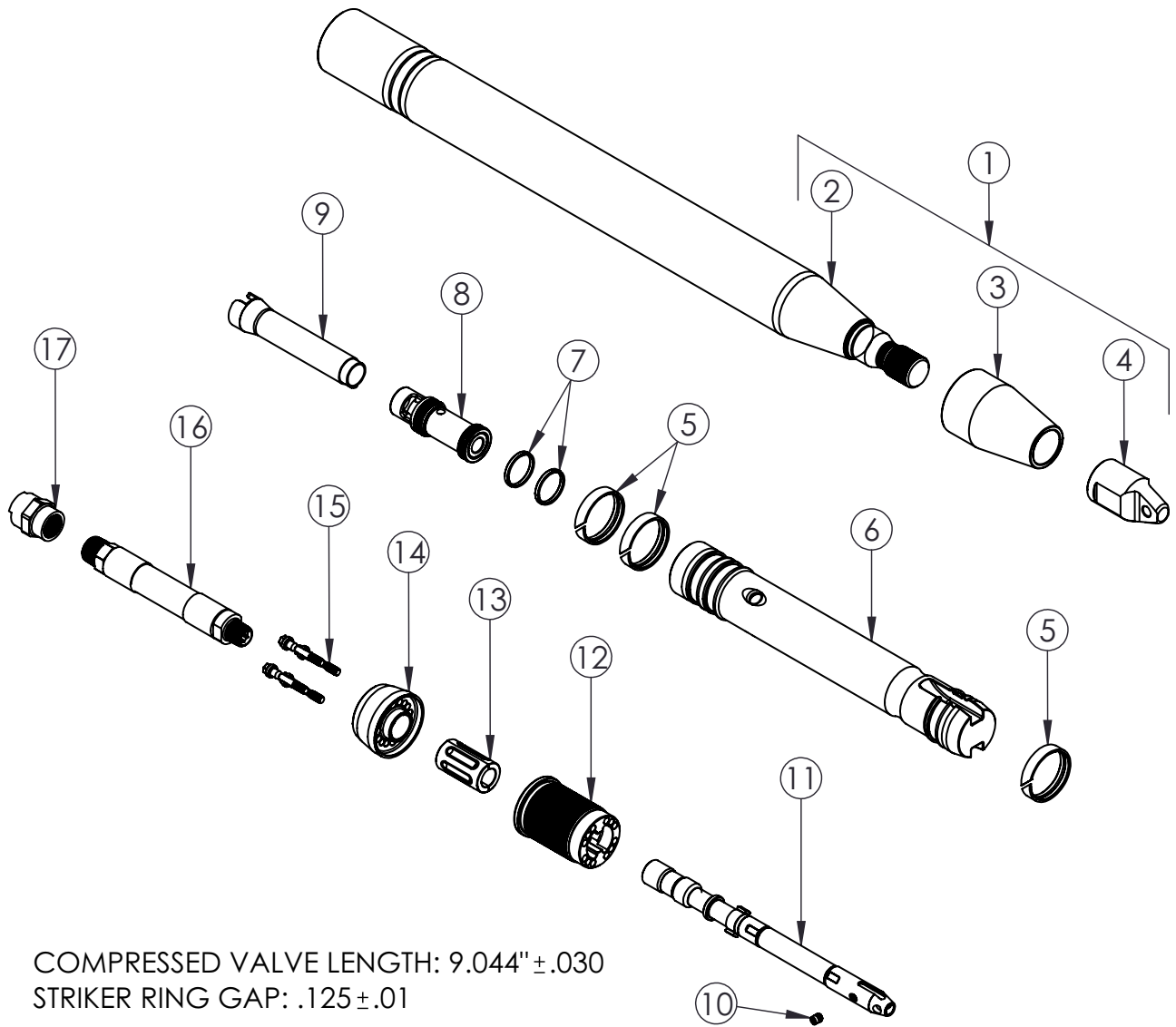
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2.50" (67 mm) RH PP SW, PN 26622

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER

EXPLODED VIEW



2.50" (67 mm) RH PP SW

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2.50" (67 mm) RH PP SW, PN 26622

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	26601	BODY ASSY, 2.5" RH PP SW	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB
5	25210	STRIKER RING, 2-1/2"	3	
6	25614	STRIKER, SW	1	
7	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
8	26613	VALVE REPLACEMENT KIT-2.5" PP SW	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	26604	CONTROL SLEEVE, 2.5" PP DF SW	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	26620	CONTROL STEM, 2.5" PP SW	1	
12	26615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30520	ISOLATOR HALF-2-1/2 & 3" PP	2	ANTI-SEEZ ID
14	25106	TAILCONE, 2-1/2" PP	1	
15	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0054 REV C

2.50" (67 mm) RH PP SW

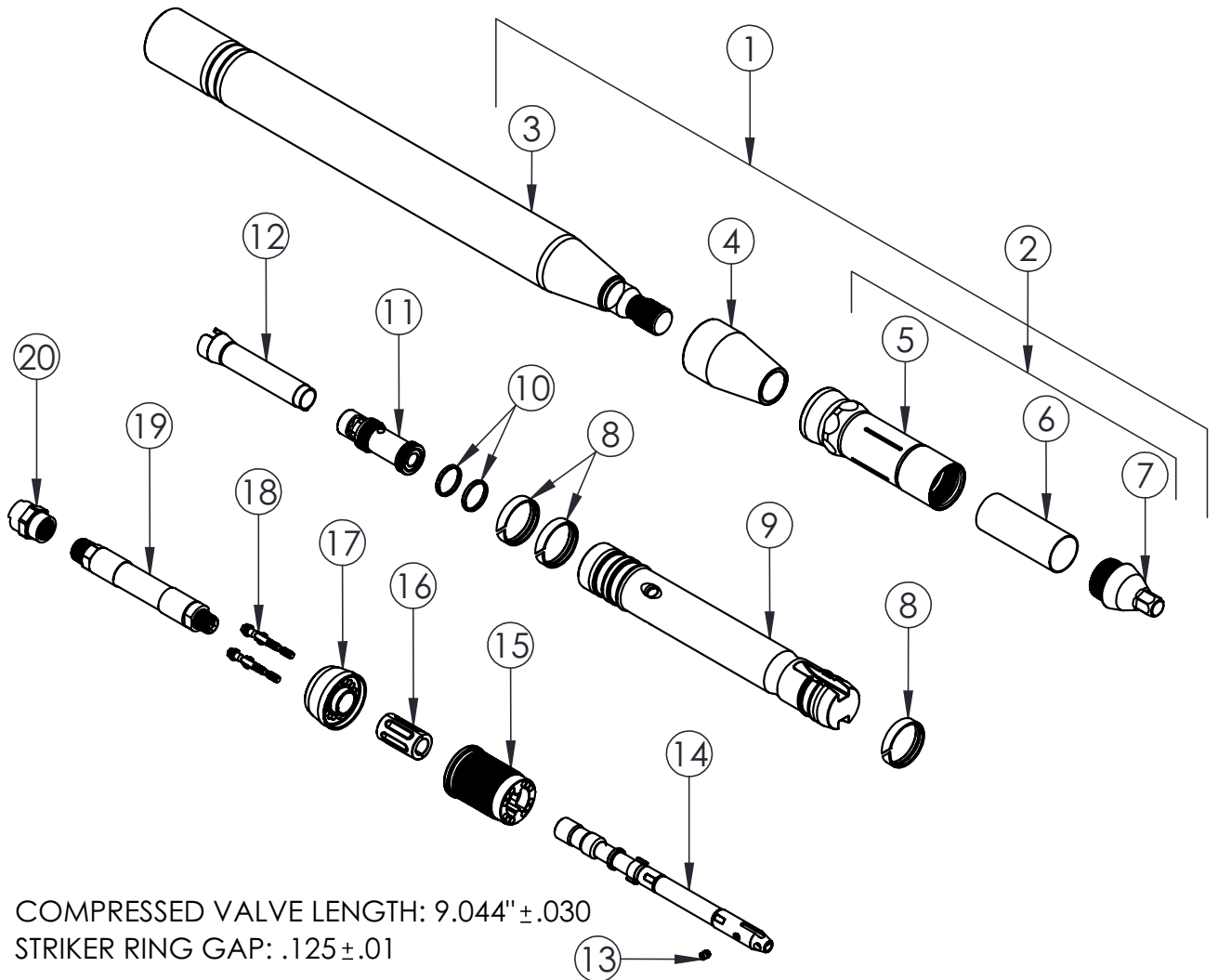
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2.50" (67 mm) RH PP SW MT, PN 26722

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER, MT – MOLETRAC®

EXPLODED VIEW



2.50" (67 mm) RH PP SW MT

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2.50" (67 mm) RH PP SW MT, PN 26722

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER, MT – MOLETRAC® LIST

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	26701	BODY ASSY, 2.5" PP SW MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	25210	STRIKER RING, 2-1/2"	3	
9	25614	STRIKER, SW	1	
10	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
11	26613	VALVE REPL KIT-2.5" PP DF SW	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	26604	CONTROL SLEEVE, 2.5" PP DF SW	1	
13	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
14	26620	CONTROL STEM, 2.5" PP SW	1	
15	26615	REAR ANVIL, 2.5" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
16	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
17	25616	TAILCONE, 2.5" PP DF	1	
18	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	20735	HEX DRIVER - 5/32"	1	FOR ITEM 13 - NOT SHOWN
22	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 18 - NOT SHOWN
23	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0057 REV C

2.50" (67 mm) RH PP SW MT

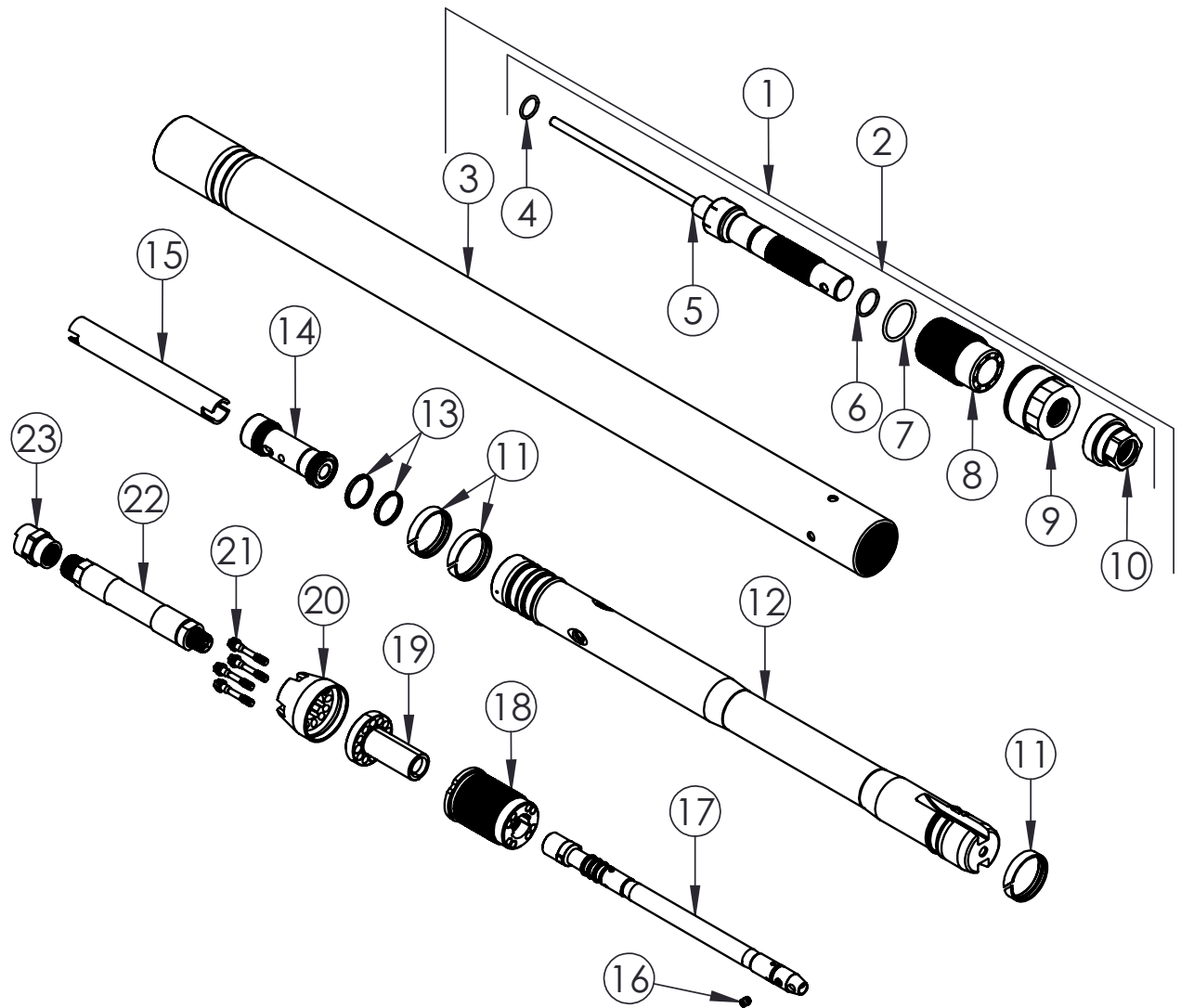
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2.50" (67 mm) CAT PP, PN 26122

CAT – CATAMOUNT, PP – POWER PORT

EXPLODED VIEW



2.50" (67 mm) CAT PP

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2.50" (67 mm) CAT PP, PN 26122

CAT – CATAMOUNT, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	26120	BODY ASSY 2.5" CAT	1	INCLUDES ITEMS 4-10 & 28-30
2	26140	BODY FRT REPLACEMENT KIT, 2.5"CAT	1	INCLUDES ITEMS 4-10
4	26114	O-RING, BUNA-N 70-118	1	ANTI-SEEZ
5	26105	BIT SHAFT ASSEMBLY	1	ANTI-SEEZ
6	918-0722	O-RING, BUNA-N 70-121	1	ANTI-SEEZ
7	26115	O-RING, BUNA-N 70-223	1	ANTI-SEEZ
8	26141	FIELD REPLACE. BUSHING- 2-1/2" CAT	1	ANTI-SEEZ & TORQUE TO 1060FT-LB
9	26107	HEAD, RR 2-1/2" CAT	1	ANTI-SEEZ & SET HD TRVL .13 ± .01
10	26108	HEAD, FR 2-1/2" CAT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
11	25210	STRIKER RING, 2-1/2"	3	
12	26104	STRIKER-2-1/2" CAT	1	
13	26121	VALVE RING REPLA. KIT 2.5" CAT	1	INCLUDES TWO RINGS & COMPRESSOR
14	26139	VALVE REPLACEMENT KIT-2.5" CAT	1	INCL. VALVE, RINGS & COMP-S/N 128538 & LR 26119
15	25116	CONTROL SLEEVE - 2 1/2"	1	
16	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
17	25126	CONTROL STEM	1	
18	25105	REAR ANVIL	1	ANTI-SEEZ & HAND TIGHT TO BODY
19	30520	ISOLATOR HALF-2-1/2" & 3" PP	2	ANTI-SEEZ ID
20	25106	TAILCONE, 2-1/2" PP	1	
21	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
22	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
23	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
24	20735	HEX DRIVER - 5/32"	1	FOR ITEM 16 - NOT SHOWN
25	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 21 - NOT SHOWN
26	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 9 & 10 - NOT SHOWN
27	30930	SERV. KIT 2.5"&3.0" CAT BOD BUSH	1	FOR ITEM 8 - NOT SHOWN
28	2114	DECAL, SMALL TOOL	1	NOT SHOWN
29	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
30	2121	DECAL, SM TL PATENT CAT	1	NOT SHOWN

924-0013 REV A

2.50" (67 mm) CAT PP

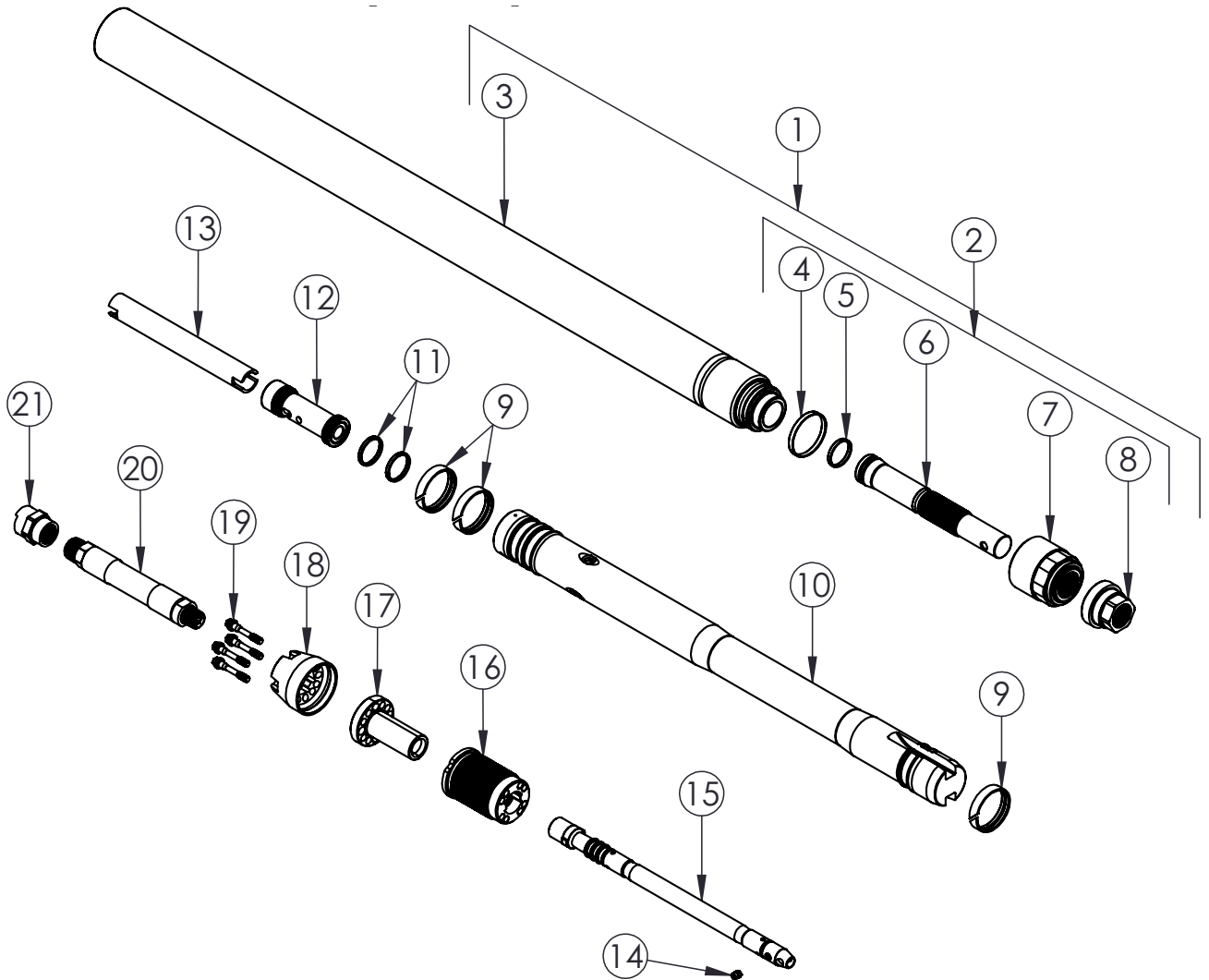
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2.50" (67 mm) AH PP, PN 25145

AH – ACTIVE HEAD, PP – POWER PORT

EXPLODED VIEW



2.50" (67 mm) AH PP

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2.50" (67 mm) AH PP, PN 25145

AH – ACTIVE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25146	BODY ASSY. 2-1/2" AH	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	25177	HEAD REPLACEMENT KIT, 2-1/2" AH	1	INCLUDES ITEMS 4-8
4		RING, HEAD SEAL 2-1/2" AH	1	
5		RING, BIT SHAFT	1	
6		BIT SHAFT-2-1/2"	1	ANTI-SEEZ
7		HEAD, RR 2-1/2"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	25210	STRIKER RING, 2-1/2"	3	
10	25148	STRIKER-2-1/2" PP	1	
11	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
12	25007	VALVE REPLACEMENT KIT-2.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	25116	CONTROL SLEEVE - 2 1/2"	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	25126	CONTROL STEM	1	
16	25105	REAR ANVIL	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30520	ISOLATOR HALF-2-1/2" & 3" PP	2	ANTI-SEEZ ID
18	25106	TAILCONE, 2-1/2" PP	1	
19	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	2120	DECAL, SM TL PATENT AH PP	1	NOT SHOWN

924-0011 REV A

2.50" (67 mm) AH PP

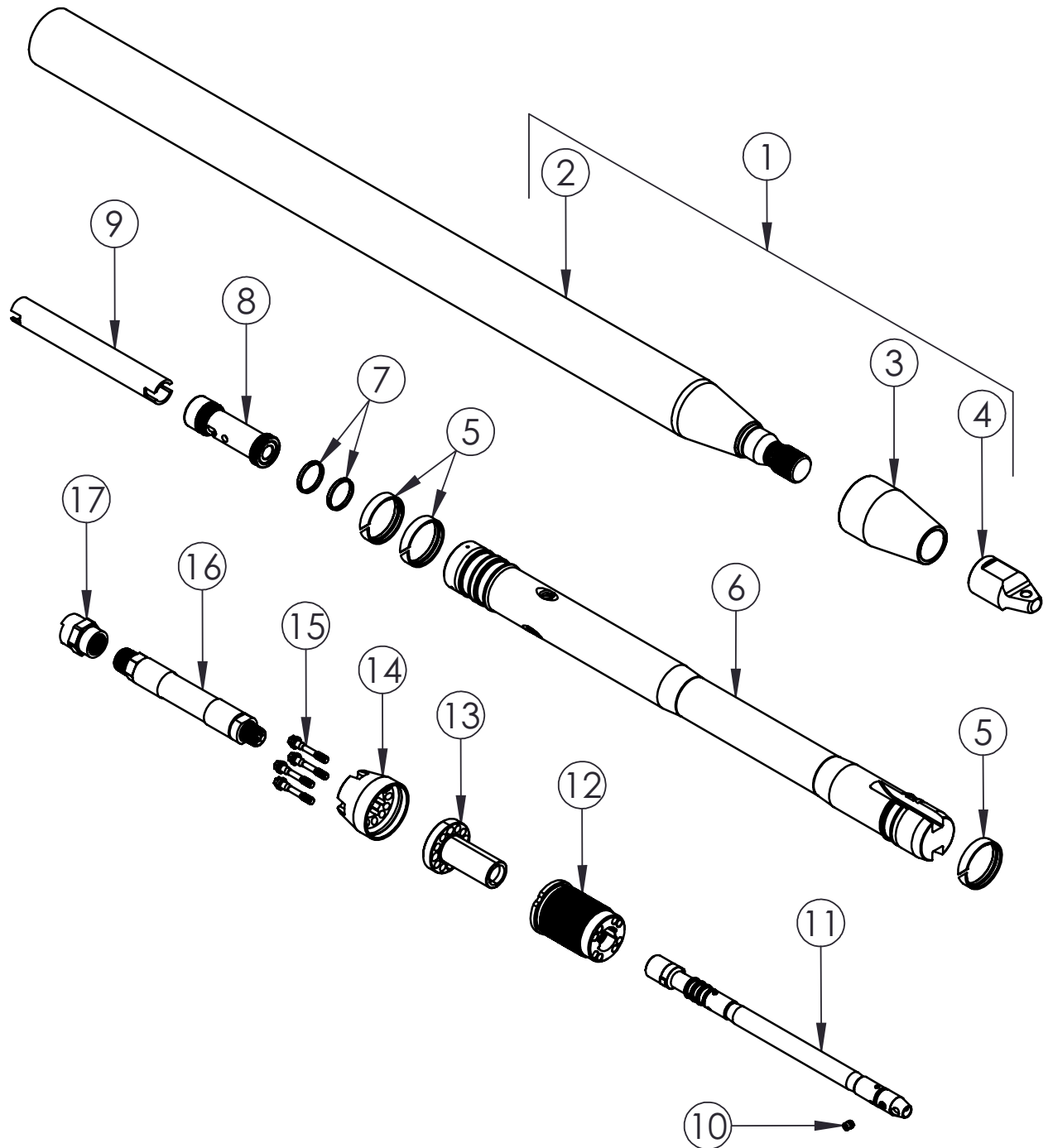
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2.50" (67 mm) RH PP, PN 25122

RH – REPLACEABLE HEAD, PP – POWER PORT

EXPLODED VIEW



2.50" (67 mm) RH PP

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2.50" (67 mm) RH PP, PN 25122

RH – REPLACEABLE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25319	BODY ASSY. - 2 1/2" RH	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB S/N 133449 & LR 25321
5	25210	STRIKER RING, 2-1/2"	3	
6	25148	STRIKER-2-1/2 PP	1	
7	25009	VALVE RING REPLACEMENT KIT 2.5"	1	INCLUDES TWO RINGS & COMPRESSOR
8	25007	VALVE REPLACEMENT KIT-2.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	25116	CONTROL SLEEVE - 2 1/2"	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	25126	CONTROL STEM	1	
12	25105	REAR ANVIL	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30520	ISOLATOR HALF-2-1/2 & 3" PP	2	ANTI-SEEZ ID
14	25106	TAILCONE, 2-1/2" PP	1	
15	25121	TAILBOLT-9MM HEX	4	ANTI-SEEZ & TORQUE TO 28FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	25114	9MM HEX DP WL SOCKET	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	2128	DECAL, SMALL TOOL PATENT RH PP	1	NOT SHOWN

924-0009 REV B

2.50" (67 mm) RH PP

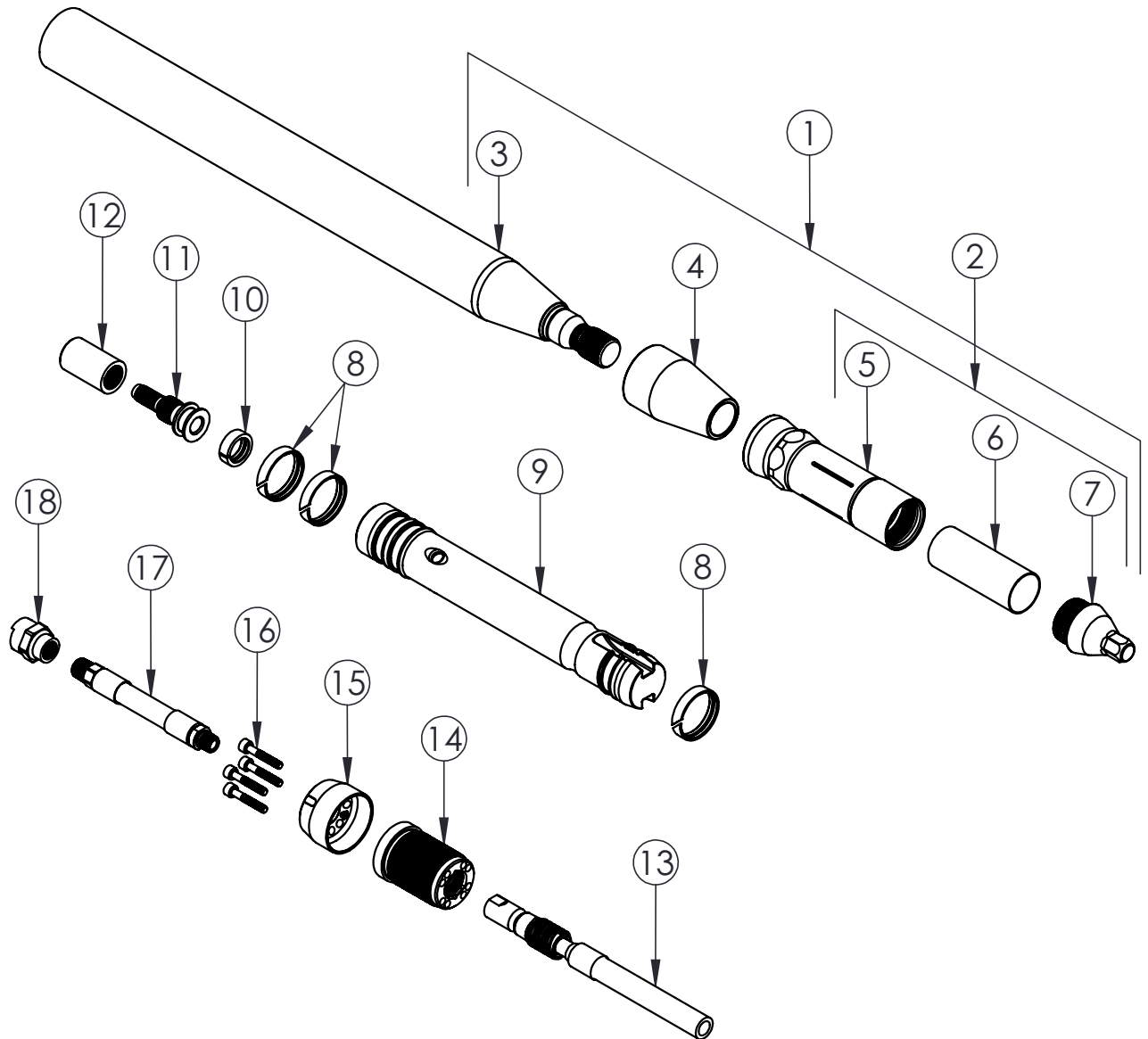
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2.50" (67 mm) RH SR SW MT, PN 26422

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, MT – MOLETRAC

EXPLODED VIEW



2.50" (67 mm) RH SR SW MT

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2.50" (67 mm) RH SR SW MT, PN 26422

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25507	BODY ASSY 2.5" SW MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	25210	STRIKER RING, 2-1/2"	3	
9	25614	STRIKER, SW	1	
10	25211	VALVE RING 2-1/2"	1	
11	25209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
12	25608	VALVE, SW	1	
13	25626	INTERNAL WHIP, SW	1	ANTI-SEEZ THREADS
14	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
15	25606	TAILCONE, SW	1	
16	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
17	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
18	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
19	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 16 - NOT SHOWN
20	30259	HEX KEY, 7/16"	1	FOR ITEM 11 - NOT SHOWN
21	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0037 REV C

2.50" (67 mm) RH SR SW MT

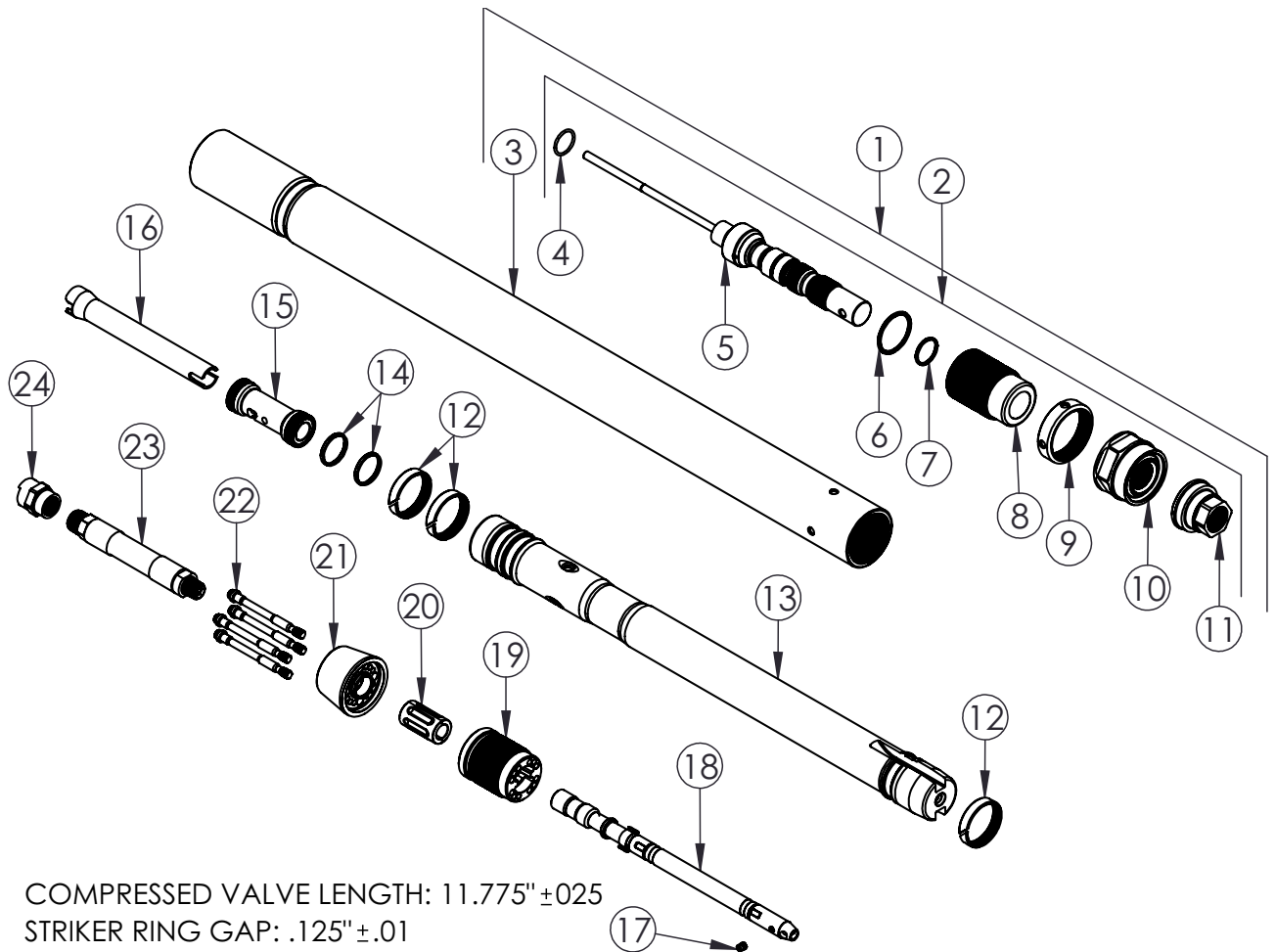
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3.00" (75 mm) CAT PP DF JN, PN 30822

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE, JN – JAM NUT

EXPLODED VIEW



3.00" (75 mm) CAT PP DF JN, PN 30822

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE, JN – JAM NUT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30808	BODY ASSY 3.0" CTMNT JN	1	INCLUDES ITEMS 3-11 & 27-29
2	30820	HEAD KIT ASSY 3" JN	1	INCLUDES ITEMS 4-11
4	30914	O-RING, BUNA-N 70 -122	1	FACTORY REPLACEABLE
5		BIT SHAFT ASSEMBLY JN	1	FACTORY REPLACEABLE
6	30925	RING, SEAL	1	FACTORY REPLACEABLE
7	30915	RING, SEAL	1	FACTORY REPLACEABLE
8		FRONT BUSHING- 3" CTMNT JN	1	FACTORY REPLACEABLE
9		JAM NUT	1	FACTORY REPLACEABLE
10		HEAD, RR 3" CTMNT JN	1	ANTI-SEEZ & TORQUE TO FRONT HD 800FT-LB
11		HEAD, FR 3" CTMNT JN	1	ANTI-SEEZ & SET HD TRVL .15±.01
12	30210	STRIKER RING, 3"	3	
13	30904	STRIKER-3.0" CTMNT	1	
14	30921	VALVE RING REPLACEMENT KIT 3.0" CTMNT	1	INCLUDES TWO RINGS & COMPRESSOR
15	30919	VALVE REPLACEMENT KIT-3.0" CTMNT	1	INCLUDES VALVE, RINGS & COMPRESSOR
16	30717	CONTROL SLEEVE, 3.0" PP DF	1	
17	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
18	30720	CONTROL STEM, 3.0" PP DF	1	
19	30715	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
20	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
21	30716	TAILCONE, 3.0" PP DF	1	
22	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
23	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
24	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
25	20735	HEX DRIVER - 5/32"	1	FOR ITEM 17 - NOT SHOWN
26	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 22 - NOT SHOWN
27	2114	DECAL, SMALL TOOL	1	NOT SHOWN
28	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
29	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0022 REV G

3.00" (75 mm) CAT PP DF JN

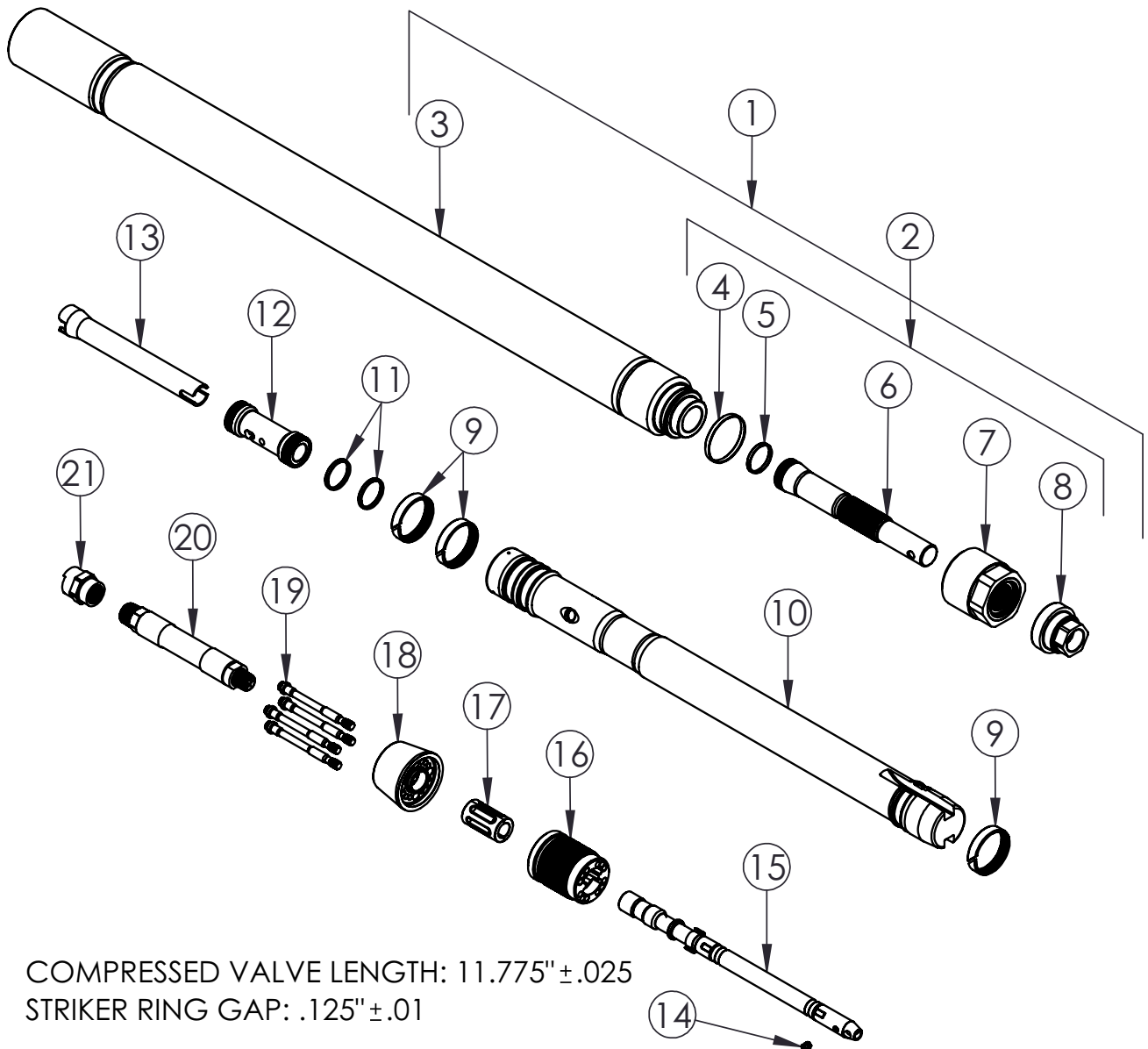
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3.00" (75 mm) AH PP DF, PN 31022

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



3.00" (75 mm) AH PP DF

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3.00" (75 mm) AH PP DF, PN 31022

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30513	BODY ASSY-3" AH PP	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	30537	HEAD REPLACEMENT KIT, 3.0" AH	1	INCLUDES ITEMS 4-8
4	30511	RING, HEAD SEAL 3" AH	1	
5	30510	RING, BIT SHAFT-3" AH	1	
6		BIT SHAFT, 3"	1	ANTI-SEEZ
7		HEAD, REAR 3"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR-3"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	30210	STRIKER RING, 3"	3	
10	30521	STRIKER-3" POWER PORT	1	
11	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
12	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	30717	CONTROL SLEEVE, 3.0" PP DF	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	30720	CONTROL STEM, 3.0" PP DF	1	
16	30715	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
18	30716	TAILCONE, 3.0" PP DF	1	
19	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0020 REV D

3.00" (75 mm) AH PP DF

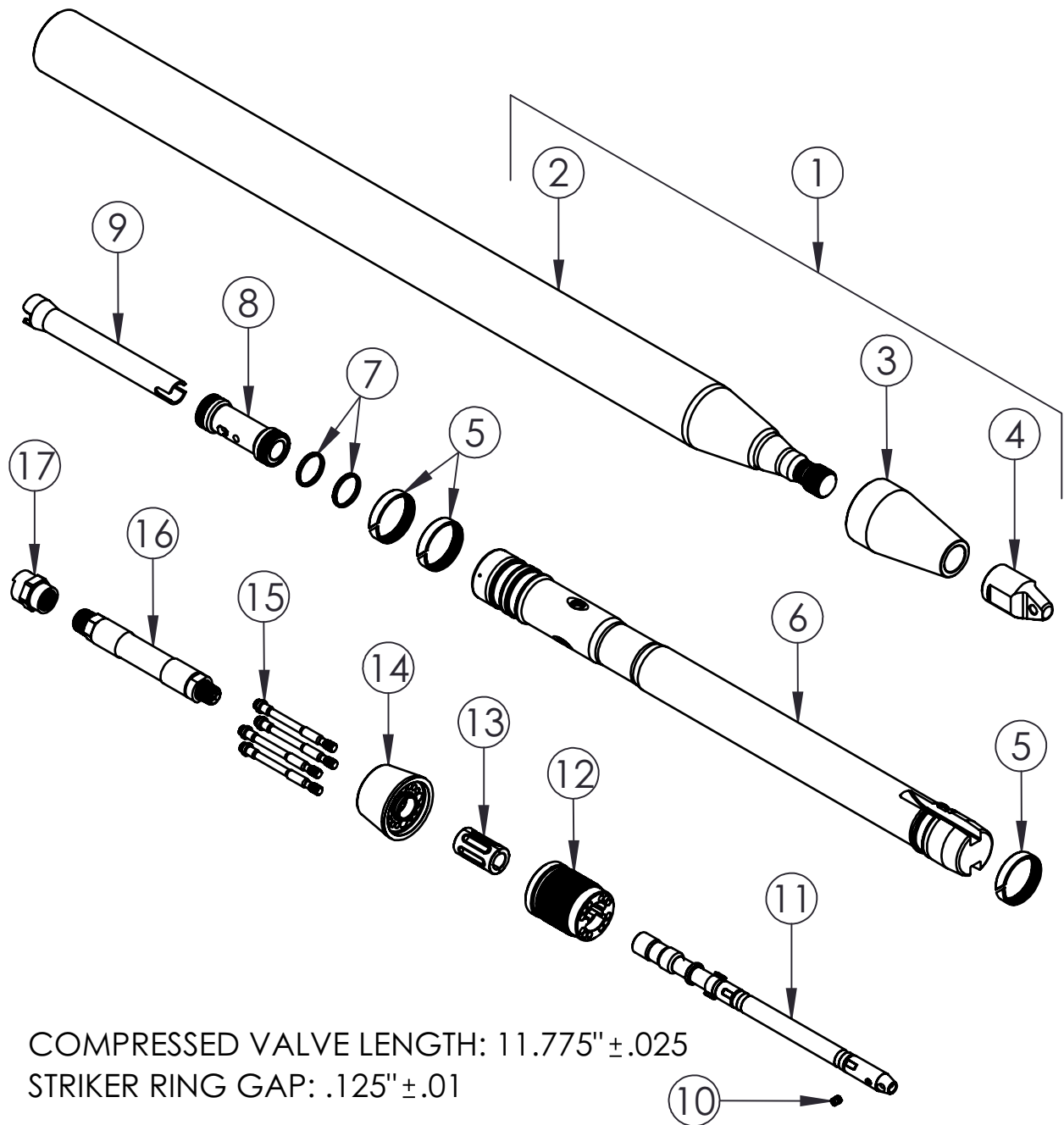
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3.00" (75 mm) RH PP DF, PN 31222

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



3.00" (75 mm) RH PP DF

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3.00" (75 mm) RH PP DF, PN 31222

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30704	BODY ASSEMBLY-3" RH PP	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	30607	WEARFACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB
5	30210	STRIKER RING, 3"	3	
6	30521	STRIKER-3" POWER PORT	1	
7	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
8	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	30717	CONTROL SLEEVE, 3.0" PP DF	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	30720	CONTROL STEM, 3.0" PP DF	1	
12	30715	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
14	30716	TAILCONE, 3.0" PP DF	1	
15	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0018 REV D

3.00" (75 mm) RH PP DF

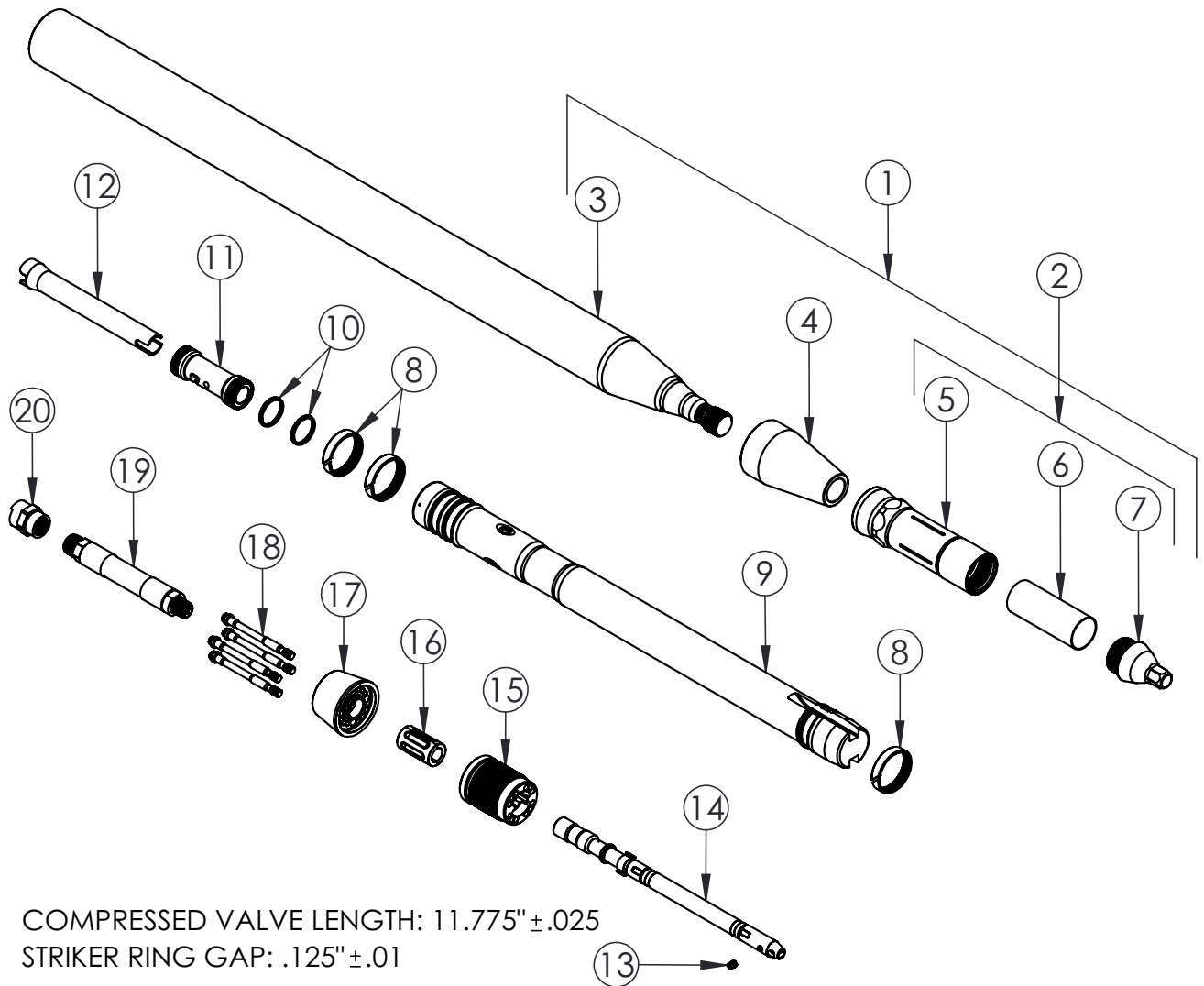
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3.00" (75 mm) RH PP DF MT, PN 31422

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

EXPLODED VIEW



3.00" (75 mm) RH PP DF MT

HAMMERHEAD®

3.00" (75 mm) RH PP DF MT, PN 31422

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30712	BODY ASSY 3" PP MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	30607	WEARFACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	30210	STRIKER RING, 3"	3	
9	30521	STRIKER-3" POWER PORT	1	
10	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
11	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	30717	CONTROL SLEEVE, 3.0" PP DF	1	
13	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
14	30720	CONTROL STEM, 3.0" PP DF	1	
15	30715	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
16	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
17	30716	TAILCONE, 3.0" PP DF	1	
18	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	20735	HEX DRIVER - 5/32"	1	FOR ITEM 13 - NOT SHOWN
22	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 18 - NOT SHOWN
23	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0041 REV E

3.00" (75 mm) RH PP DF MT

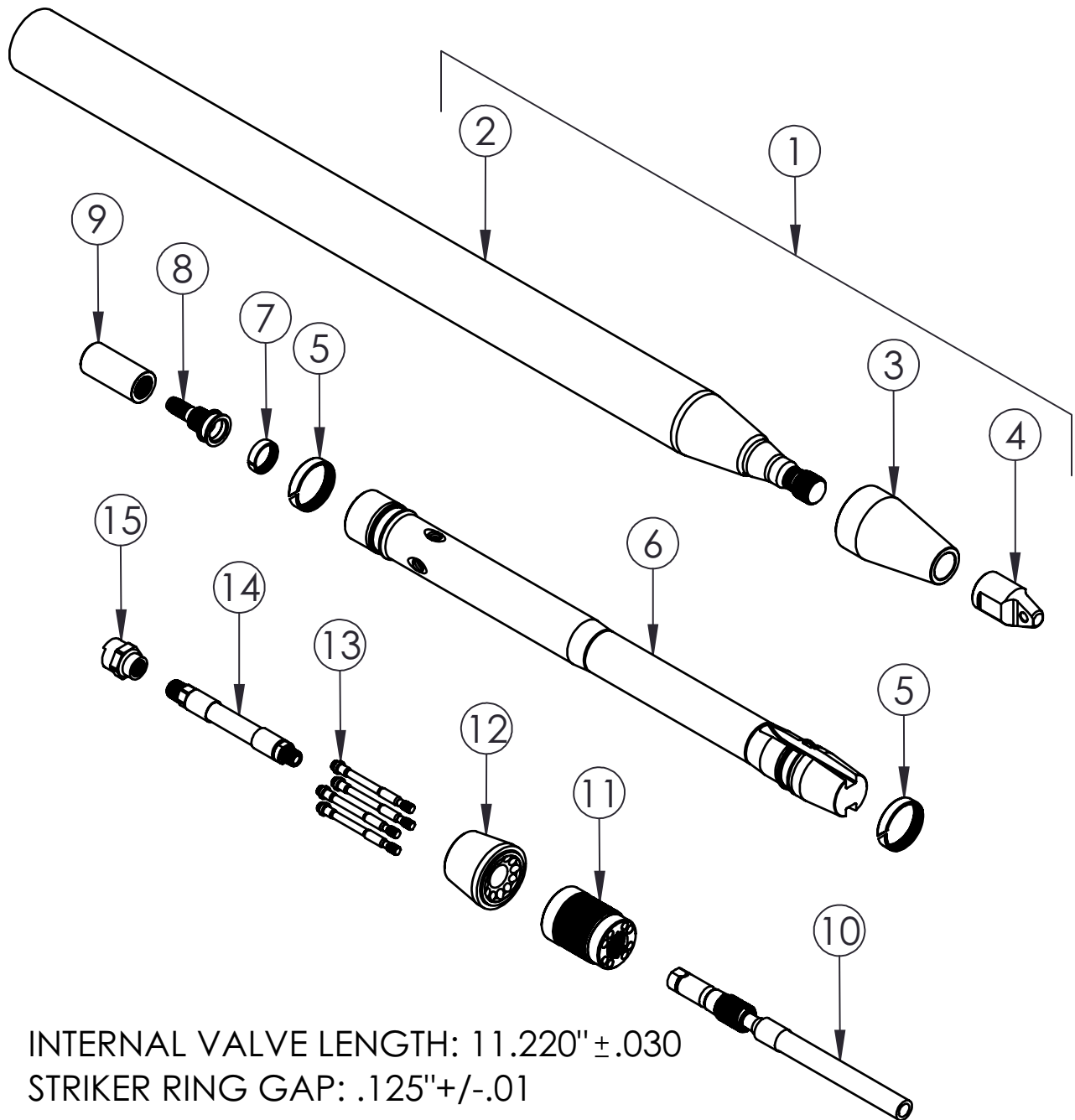
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3.00" (75 mm) RH SR, PN 30222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

EXPLODED VIEW



3.00" (75 mm) RH SR

HAMMERHEAD®

3.00" (75 mm) RH SR, PN 30222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30604	BODY ASSY. -3" RH SR	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	30607	WEARFACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB
5	30210	STRIKER RING, 3"	2	
6	31204	3" STRIKER SR	1	
7	30211	VALVE RING 3"	1	
8	31209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
9	31208	VALVE	1	
10	30226	INTERNAL WHIP - 3"	1	ANTI-SEEZ THREADS
11	30205	REAR ANVIL, 3" SR	1	ANTI-SEEZ & BACK OFF 1/8 TURN
12	30206	TAILCONE	1	
13	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
14	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
15	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
16	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 13 - NOT SHOWN
17	30259	HEX KEY, 7/16"	1	FOR ITEM 8 - NOT SHOWN
18	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0016 REV C

3.00" (75 mm) RH SR

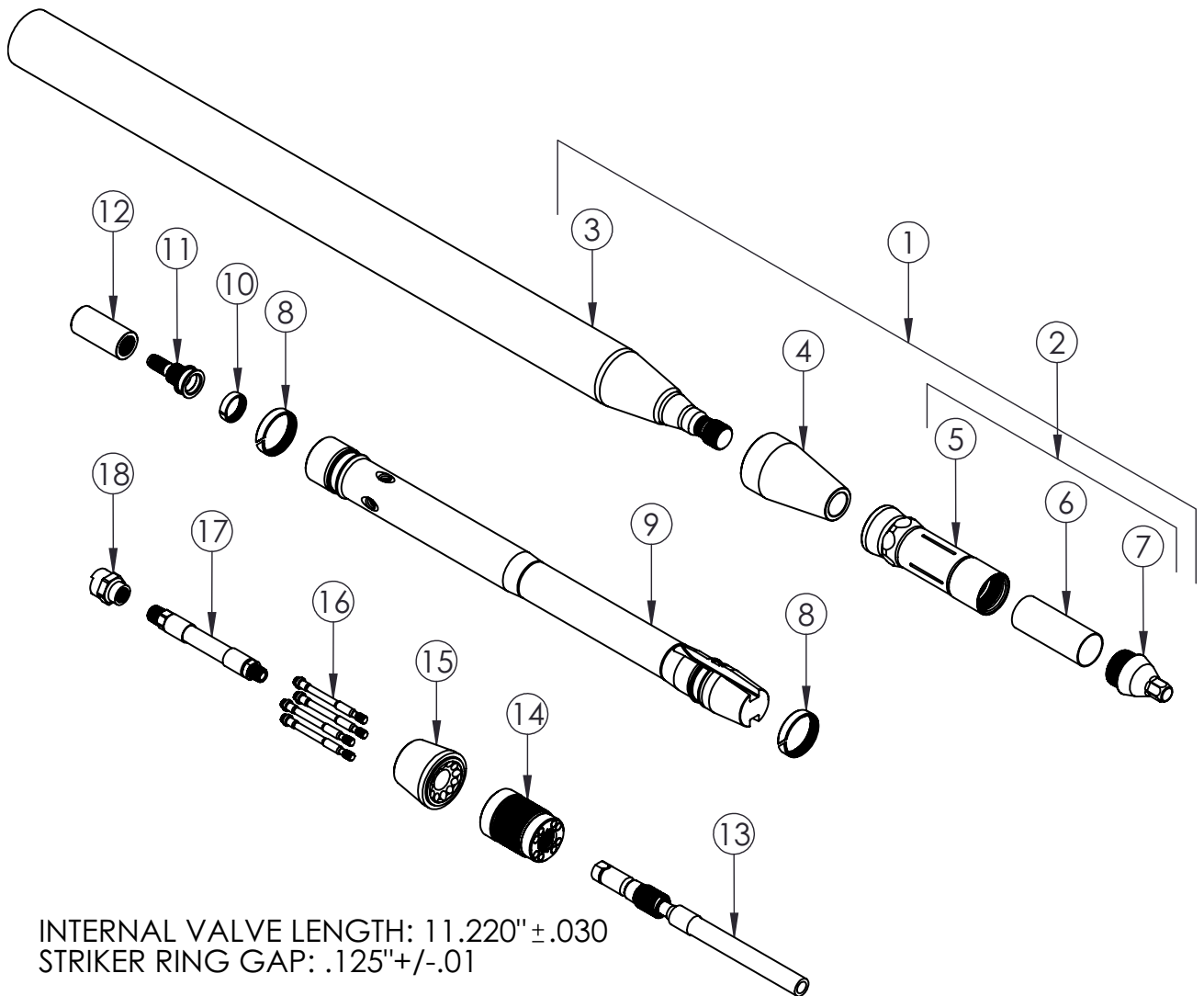
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3.00" (75 mm) RH SR MT, PN 30322

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

EXPLODED VIEW



INTERNAL VALVE LENGTH: 11.220" $\pm$.030
STRIKER RING GAP: .125" $\pm$.01

3.00" (75 mm) RH SR MT

HAMMERHEAD®

3.00" (75 mm) RH SR MT, PN 30322

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30614	BODY ASSY 3" SR MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	30607	WEARFACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	30210	STRIKER RING, 3"	2	
9	31204	3" STRIKER SR	1	
10	30211	VALVE RING 3"	1	
11	31209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
12	31208	VALVE	1	
13	30226	INTERNAL WHIP - 3"	1	ANTI-SEEZ THREADS
14	30205	REAR ANVIL, 3" SR	1	ANTI-SEEZ & BACK OFF 1/8 TURN
15	30206	TAILCONE	1	
16	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
17	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
18	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 16 - NOT SHOWN
20	30259	HEX KEY, 7/16"	1	FOR ITEM 11 - NOT SHOWN
21	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0039 REV D

3.00" (75 mm) RH SR MT

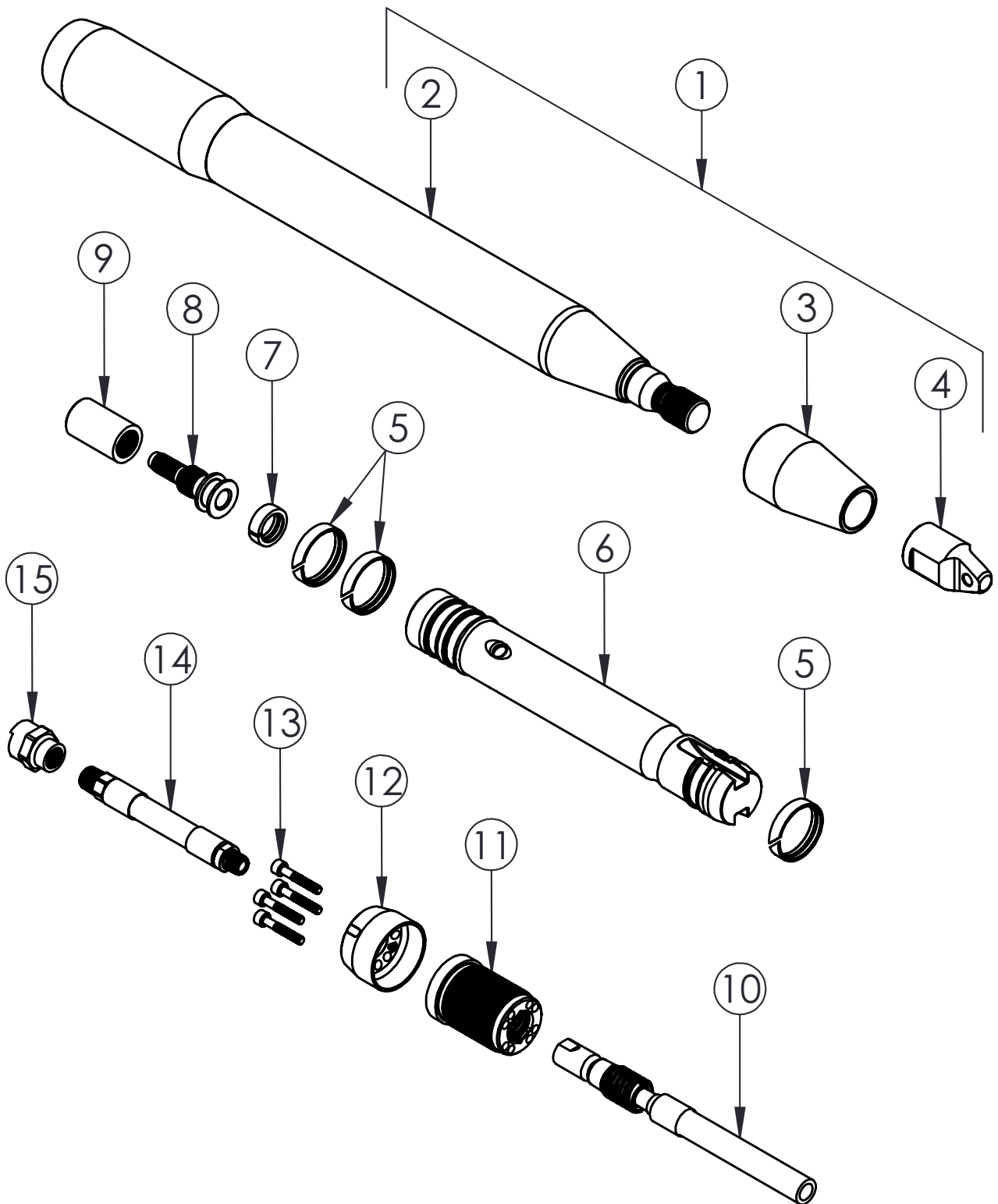
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3.00" (75 mm) RH SR SW BU, PN 25822

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, BU – BULBED

EXPLODED VIEW



3.00" (75 mm) RH SR SW BU

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3.00" (75 mm) RH SR SW BU, PN 25822

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, BU – BULBED

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25906	BODY ASSY-3" RH SW	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB, S/N 132824 & LR 25321
5	25210	STRIKER RING, 2-1/2"	3	
6	25614	STRIKER, SW	1	
7	25211	VALVE RING 2-1/2"	1	
8	25209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
9	25608	VALVE, SW	1	
10	25626	INTERNAL WHIP, SW	1	ANTI-SEEZ THREADS
11	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
12	25606	TAILCONE, SW	1	
13	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
14	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
15	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
16	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
17	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 13 - NOT SHOWN
18	30259	HEX KEY, 7/16"	1	FOR ITEM 8 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0015 REV B

3.00" (75 mm) RH SR SW BU

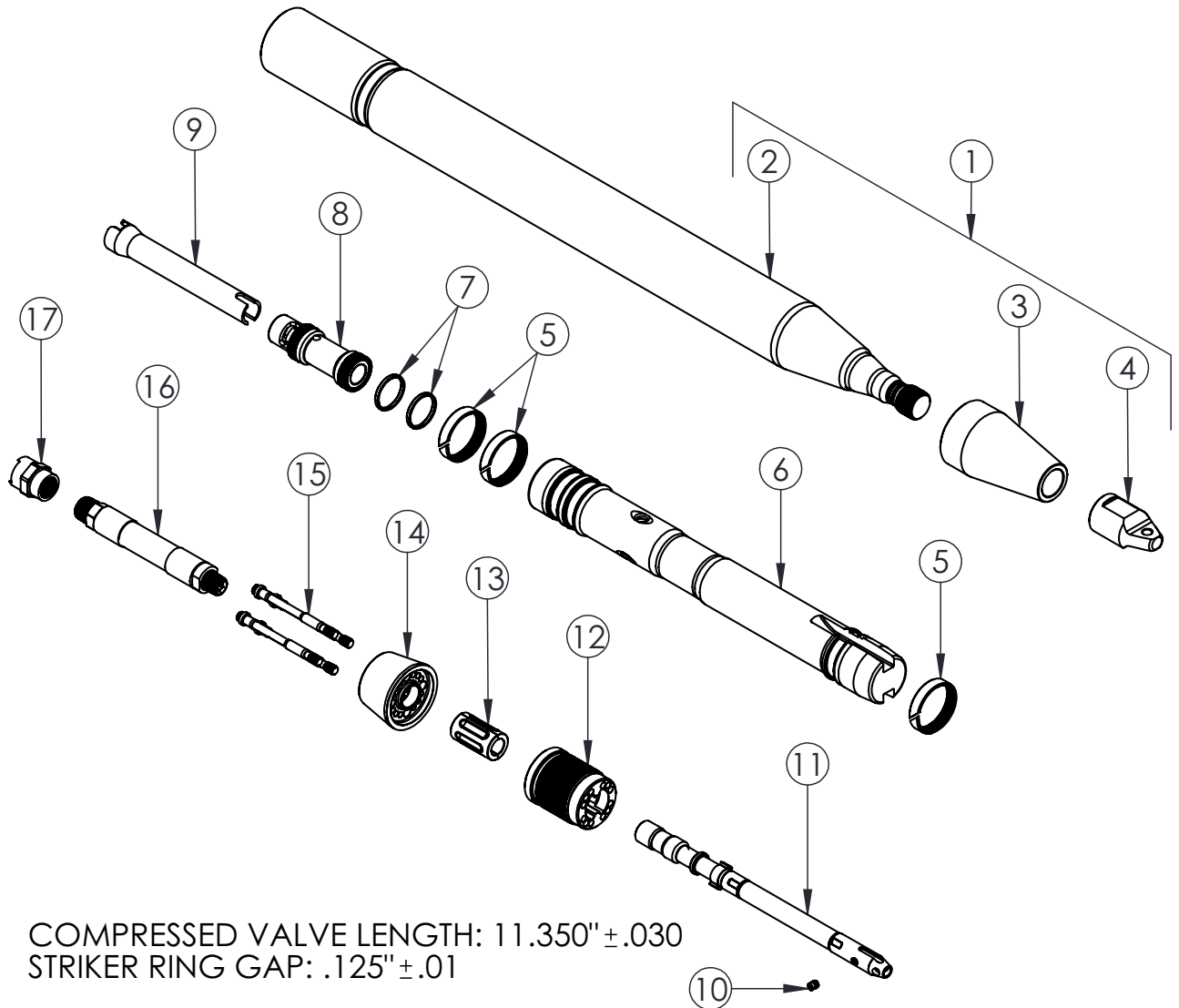
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3.00" (75 mm) RH PP SW, PN 31622

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER

EXPLODED VIEW



3.00" (75 mm) RH PP SW

HAMMERHEAD®

3.00" (75 mm) RH PP SW, PN 31622

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	31601	BODY ASSEMBLY 3" RH PP SW	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	30607	WEARFACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB
5	30210	STRIKER RING, 3"	3	
6	31614	STRIKER, 3.0" PP SW	1	
7	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
8	31613	VALVE REPL. KIT 3" PP SW	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	31609	CONTROL SLEEVE, 3.0" PP DF SW	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	31620	CONTROL STEM, 3" PP SW	1	
12	31615	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
14	30716	TAILCONE, 3.0" PP DF	1	
15	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0055 REV C

3.00" (75 mm) RH PP SW

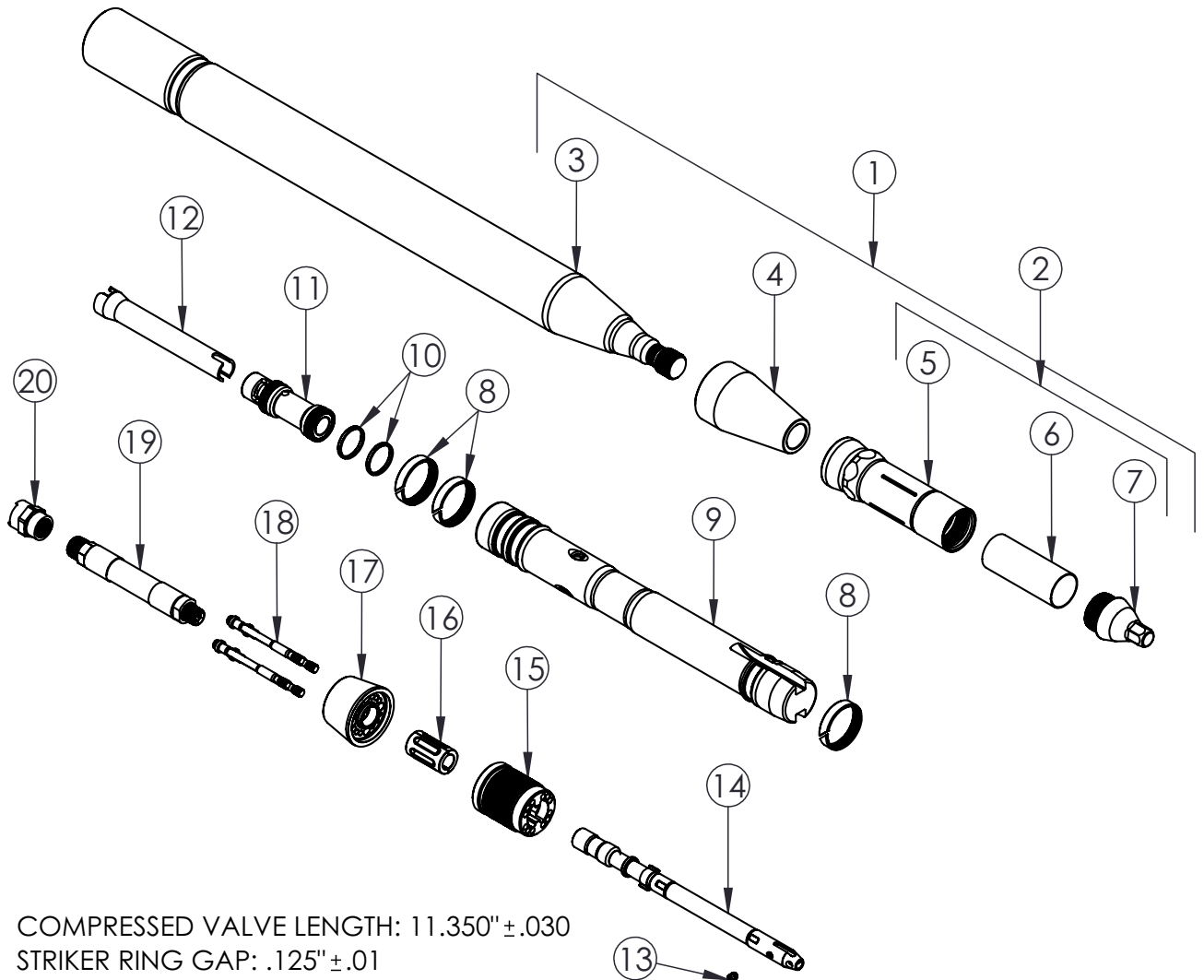
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3.00" (75 mm) RH PP SW MT, PN 31722

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER, MT – MOLETRAC®

EXPLODED VIEW



3.00" (75 mm) RH PP SW MT

HAMMERHEAD®

3.00" (75 mm) RH PP SW MT, PN 31722

RH – REPLACEABLE HEAD, PP – POWER PORT®, SW – SIDEWALKER, MT – MOLETRAC®

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	31701	BODY ASSY 3" PP SW MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	30607	WEARFACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	30210	STRIKER RING, 3"	3	
9	31614	STRIKER, 3.0" PP SW	1	
10	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
11	31613	VALVE REPL. KIT 3" PP SW	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	31609	CONTROL SLEEVE, 3.0" PP DF SW	1	
13	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
14	31620	CONTROL STEM, 3" PP SW	1	
15	31615	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
16	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
17	30716	TAILCONE, 3.0" PP DF	1	
18	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	20735	HEX DRIVER - 5/32"	1	FOR ITEM 13 - NOT SHOWN
22	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 18 - NOT SHOWN
23	30740	SOCKET, 2.5" & 3.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0056 REV C

3.00" (75 mm) RH PP SW MT

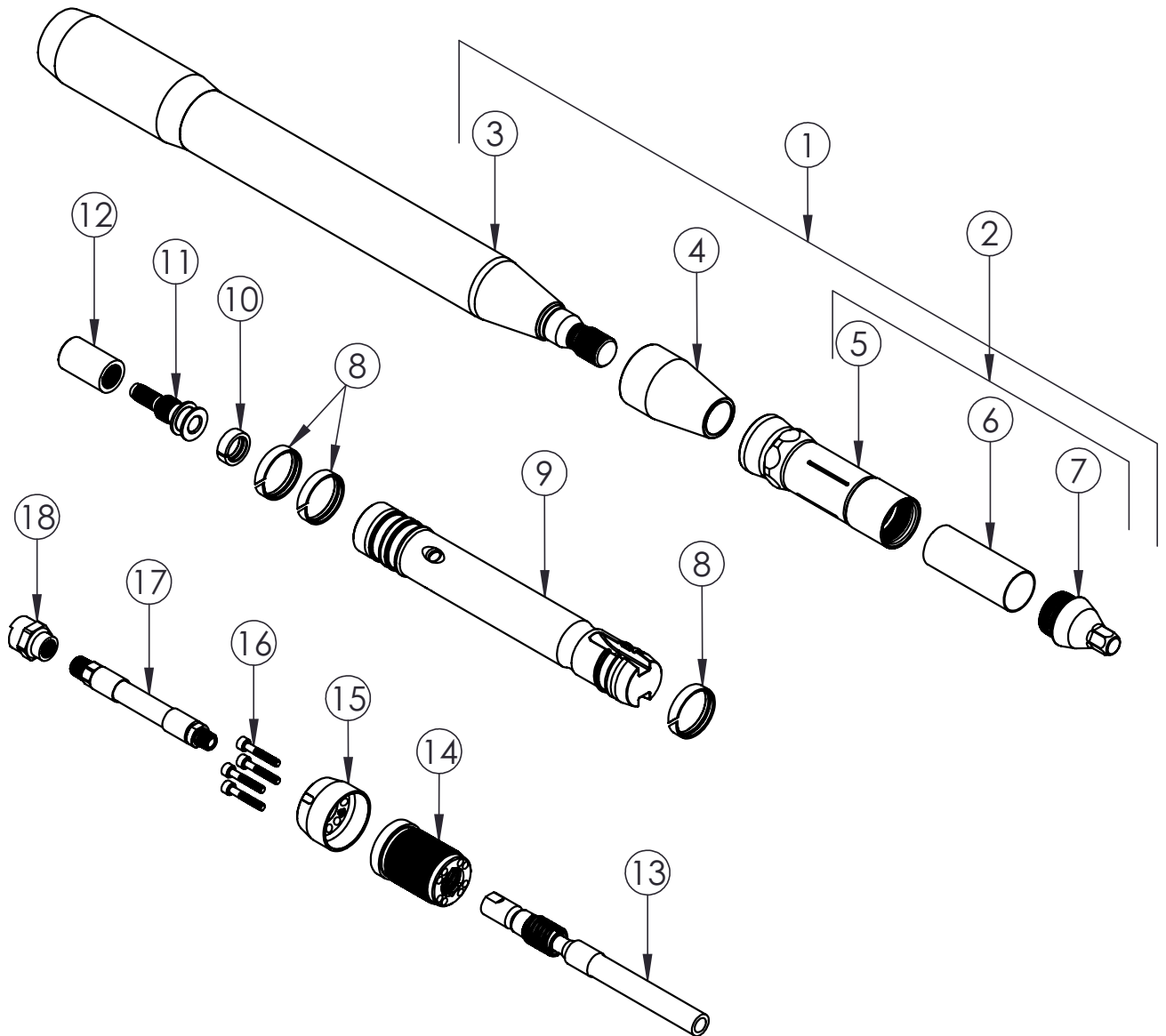
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3.00" (75 mm) RH SR SW BU MT, PN 26522

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, BU – BULBED, MT – MOLETRAC

EXPLODED VIEW



3.00" (75 mm) RH SR SW BU MT

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3.00" (75 mm) RH SR SW BU MT, PN 26522

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, SW – SIDEWALKER, BU – BULBED, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	25907	BODY ASSY 3" SW MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30732	2.5" & 3.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	25323	REPLACEABLE WEAR FACE	1	ANTI-SEEZ
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	25210	STRIKER RING, 2-1/2"	3	
9	25614	STRIKER, SW	1	
10	25211	VALVE RING 2-1/2"	1	
11	25209	RETAINER	1	ANTI-SEEZ & TORQUE TO 60FT-LB
12	25608	VALVE, SW	1	
13	25626	INTERNAL WHIP, SW	1	ANTI-SEEZ THREADS
14	25205	REAR ANVIL, 2-1/2"	1	ANTI-SEEZ & HAND TIGHT TO BODY
15	25606	TAILCONE, SW	1	
16	25221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 28FT-LB
17	30227	SERV. REAR WHIP	1	TORQUE TO 45FT-LB
18	30214	PNEUMATIC FITTING	1	TORQUE TO 60FT-LB
19	25259	HEX DRIVER - 3/8" 6MM	1	FOR ITEM 16 - NOT SHOWN
20	30259	HEX KEY, 7/16"	1	FOR ITEM 11 - NOT SHOWN
21	30740	SOCKET, 2.5" & 3.0" SOND HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0038 REV C

3.00" (75 mm) RH SR SW BU MT

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3.00" (75 mm) CAT PP

HAMMERHEAD®

This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or actuator. The components are numbered 1 through 23. The main assembly consists of a long cylindrical body (12) and a shorter cylindrical component (15). Key sub-assemblies include a motor or actuator unit (1, 2, 3, 4, 5, 6, 7, 8, 9, 10) and a control or sensing unit (16, 17, 18, 19, 20, 21, 22, 23). The diagram shows the relative positions and assembly sequence of these parts, with arrows indicating the direction of assembly.

62

3.00" (75 mm) CAT PP, PN 30922

CAT – CATAMOUNT, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30920	BODY ASSY 3.0" CAT	1	INCLUDES ITEMS 3, 4-10 & 28-30
2	30940	BODY FRT REPLACEMENT KIT, 3.0" CAT	1	INCLUDES ITEMS 4-10
4	30914	O-RING, BUNA-N 70 -122	1	ANTI-SEEZ
5	30905	BIT SHAFT ASSY	1	ANTI-SEEZ - INCLUDES ITEM 6
6	30925	RING, SEAL	1	ANTI-SEEZ
7	30915	RING, SEAL	1	ANTI-SEEZ
8	30941	FIELD REPLACEMENT BUSHING- 3.0" CAT	1	ANTI-SEEZ & TORQUE TO 1275FT-LB
9	30907	HEAD, RR 3.0" CAT	1	ANTI-SEEZ & SET HD TRVL .15±.01
10	30908	HEAD, FT 3.0" CAT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
11	30210	STRIKER RING, 3"	3	
12	30904	STRIKER-3.0" CAT	1	
13	30921	VALVE RING REPLACEMENT KIT 3.0" CAT	1	INCLUDES TWO RINGS & COMPRESSOR
14	30919	VALVE REPLACEMENT KIT-3.0" CAT	1	INCLUDES VALVE, RINGS & COMPRESSOR
15	30517	CONTROL SLEEVE 3" PP	1	
16	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
17	31005	CONTROL STEM	1	
18	30515	REAR ANVIL - 3" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
19	30520	ISOLATOR HALF-2-1/2" & 3" PP	2	ANTI-SEEZ ID
20	30516	TAILCONE-3" PP	1	
21	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
22	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
23	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
24	20735	HEX DRIVER - 5/32"	1	FOR ITEM 16 - NOT SHOWN
25	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 21 - NOT SHOWN
26	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 9 & 10 - NOT SHOWN
27	30930	SERV. KIT 2.5"&3.0" CAT BODY BUSHING	1	FOR ITEM 8 - NOT SHOWN
28	2114	DECAL, SMALL TOOL	1	NOT SHOWN
29	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
30	2121	DECAL, SM TL PATENT CAT	1	NOT SHOWN

924-0021 REV A

3.00" (75 mm) CAT PP

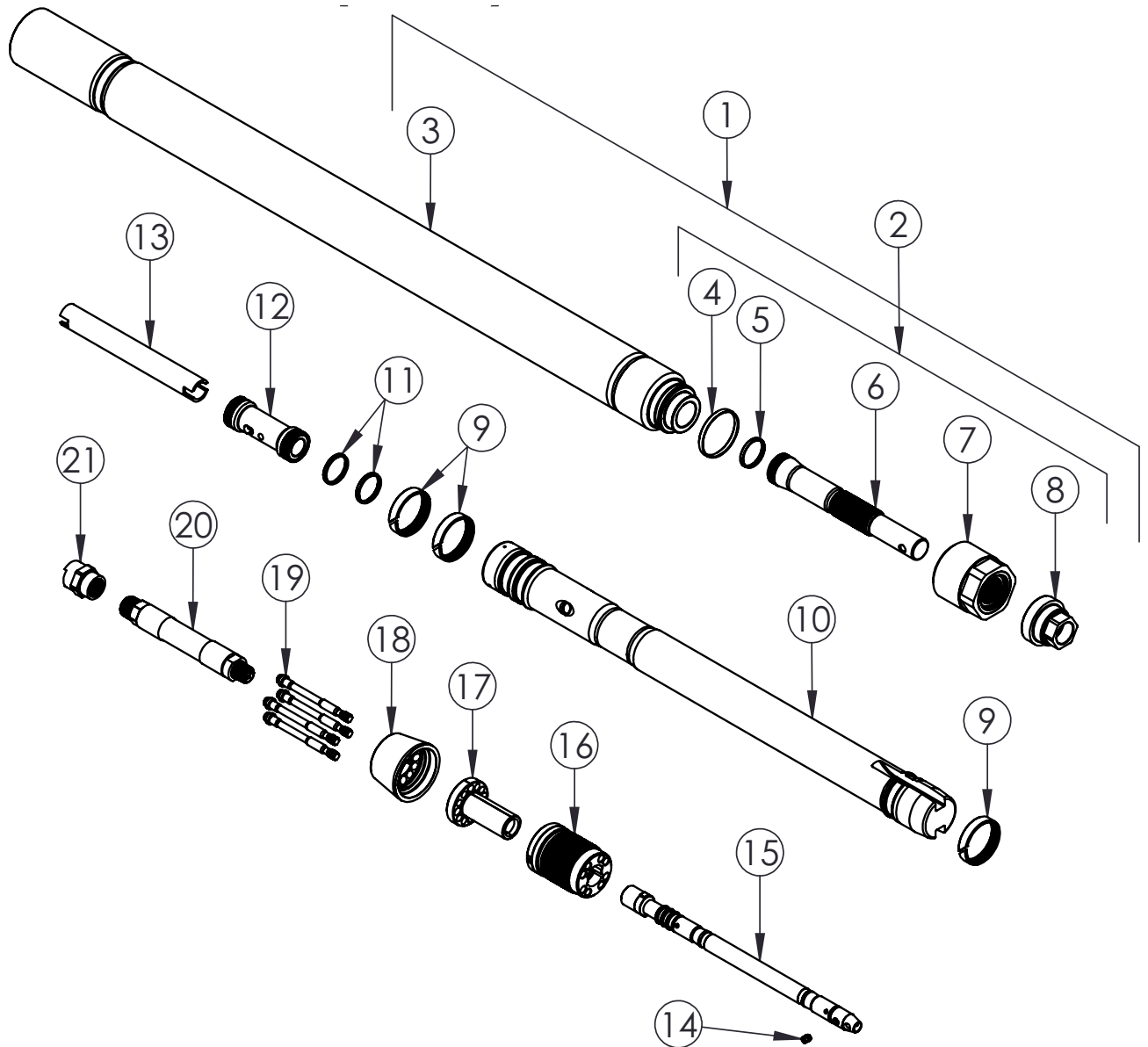
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3.00" (75 mm) AH PP, PN 30522

AH – ACTIVE HEAD, PP – POWER PORT

EXPLODED VIEW



3.00" (75 mm) AH PP

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3.00" (75 mm) AH PP, PN 30522

AH – ACTIVE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30513	BODY ASSY-3" AH PP	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	30537	HEAD REPLACEMENT KIT, 3.0" AH	1	INCLUDES ITEMS 4-8
4		RING, HEAD SEAL 3" AH	1	
5		RING, BIT SHAFT-3" AH	1	
6		BIT SHAFT, 3"	1	ANTI-SEEZ
7		HEAD, REAR 3"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR-3"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	30210	STRIKER RING, 3"	3	
10	30521	STRIKER-3" POWER PORT	1	
11	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
12	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	30517	CONTROL SLEEVE 3" PP	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	31005	CONTROL STEM	1	
16	30515	REAR ANVIL - 3" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30520	ISOLATOR HALF-2-1/2" & 3" PP	2	ANTI-SEEZ ID
18	30516	TAILCONE-3" PP	1	
19	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	2120	DECAL, SM TL PATENT AH PP	1	NOT SHOWN

924-0019 REV A

3.00" (75 mm) AH PP

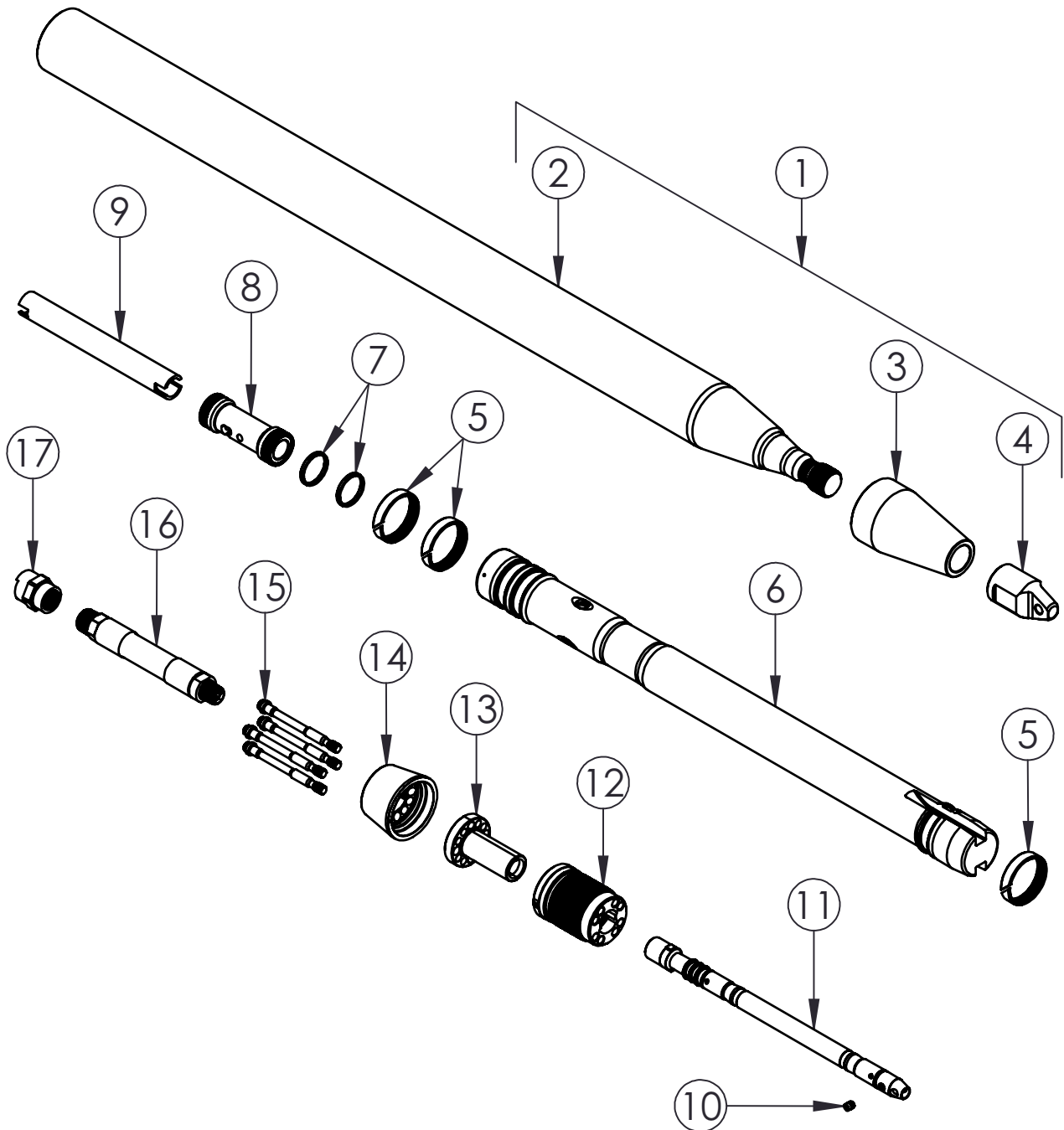
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3.00" (75 mm) RH PP, PN 30722

RH – REPLACEABLE HEAD, PP – POWER PORT

EXPLODED VIEW



3.00" (75 mm) RH PP

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3.00" (75 mm) RH PP, PN 30722

RH – REPLACEABLE HEAD, PP – POWER PORT

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30704	BODY ASSEMBLY-3" RH PP	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	30607	WEARFACE	1	ANTI-SEEZ
4	30606	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 500FT-LB
5	30210	STRIKER RING, 3"	3	
6	30521	STRIKER-3" POWER PORT	1	
7	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
8	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	30517	CONTROL SLEEVE 3" PP	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	31005	CONTROL STEM	1	
12	30515	REAR ANVIL - 3" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	30520	ISOLATOR HALF-2-1/2 & 3" PP	2	ANTI-SEEZ ID
14	30516	TAILCONE-3" PP	1	
15	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
20	30567	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	2128	DECAL, SMALL TOOL PATENT RH PP	1	NOT SHOWN

924-0017 REV A

3.00" (75 mm) RH PP

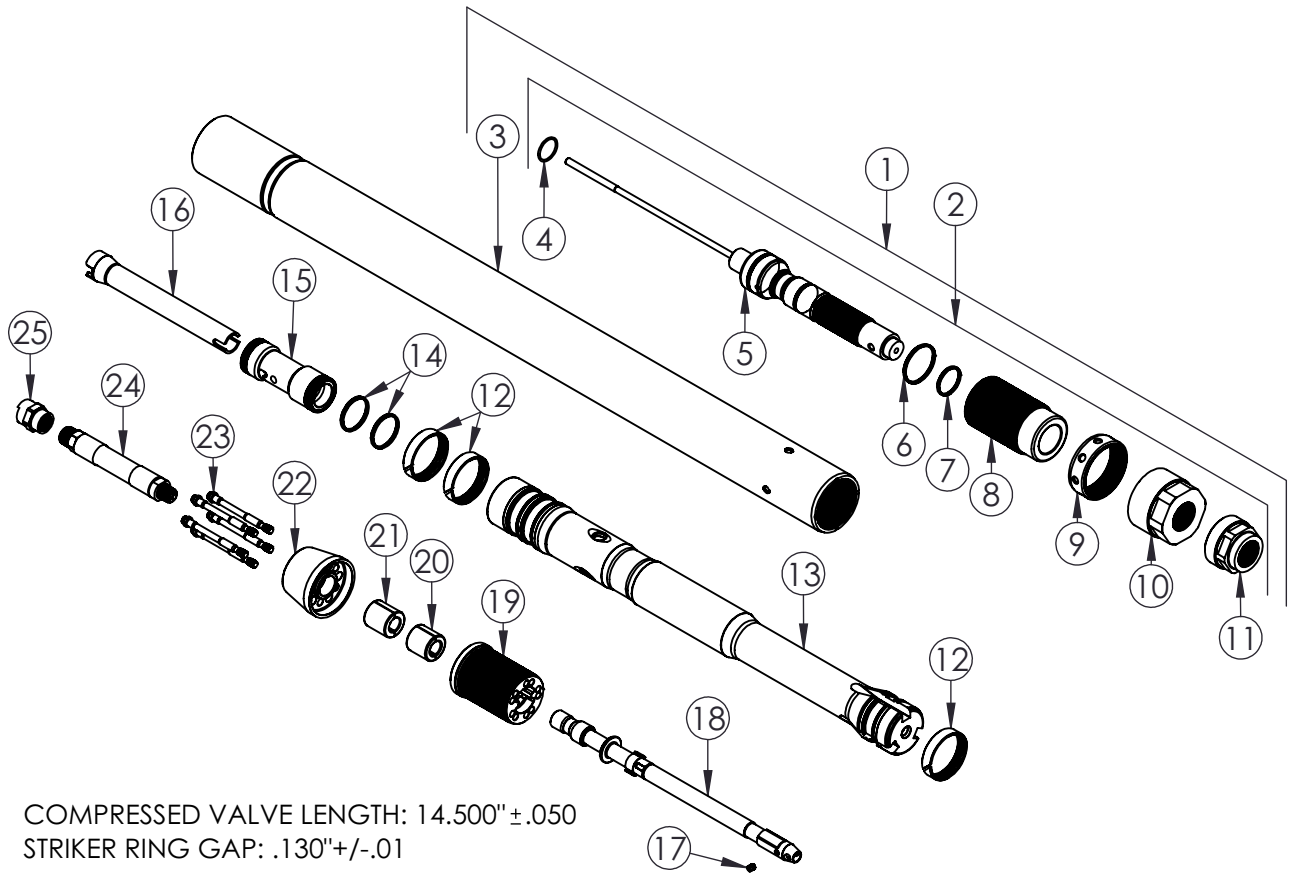
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3.50" (89 mm) CAT PP DF, PN 35122

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



3.50" (89 mm) CAT PP DF

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3.50" (89 mm) CAT PP DF, PN 35122

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	35038	BODY ASSY 3.5" CTMNT	1	INCLUDES ITEMS 3-11 & 28-29
2	35070	HEAD KIT ASSY 3.5" CAT	1	INCLUDES ITEMS 4 -11
4	35067	RING, SEAL	1	FACTORY REPLACEABLE
5		BITSHAFT ASSEMBLY, 3.5"	1	FACTORY REPLACEABLE
6	35023	RING, SEAL	1	FACTORY REPLACEABLE
7	35021	RING, SEAL	1	FACTORY REPLACEABLE
8		FRONT BUSHING- 3.5" CTMNT	1	FACTORY REPLACEABLE
9		JAM NUT, 3.5 CTMNT	1	FACTORY REPLACEABLE
10		HEAD, REAR 3.5" CTMNT	1	ANTI-SEEZ & SET HD TRVL .20±.01
11		HEAD, FRONT 3.5" CTMNT	1	ANTI-SEEZ & TORQUE TO 1600FT-LB
12	35010	STRIKER RING	3	
13	35004	STRIKER 3.5" CATAMOUNT	1	
14	35043	VALVE RING REPLACEMENT KIT, 3.5"	1	INCLUDES TWO RINGS & COMPRESSOR
15	35042	VALVE REPLACEMENT KIT, 3.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
16	35017	CONTROL SLEEVE, 3.5"	1	
17	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
18	35020	CONTROL STEM, 3.5"	1	
19	35005	REAR ANVIL, 3.5"	1	ANTI-SEEZ & HAND TIGHT TO BODY
20	35033	ISOLATOR HALF, 3.5" SHORT	2	ANTI-SEEZ ID
21	35032	ISOLATOR HALF, 3.5" LONG	2	ANTI-SEEZ ID
22	35006	TAILCONE, 3.5"	1	
23	30221	TAILBOLT	5	ANTI-SEEZ & TORQUE TO 35FT-LB
24	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
25	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
26	20735	HEX DRIVER - 5/32"	1	FOR ITEM 17 - NOT SHOWN
27	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 23 - NOT SHOWN
28	2114	DECAL, SMALL TOOL	1	NOT SHOWN
29	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
30	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0026 REV G

3.50" (89 mm) CAT PP DF

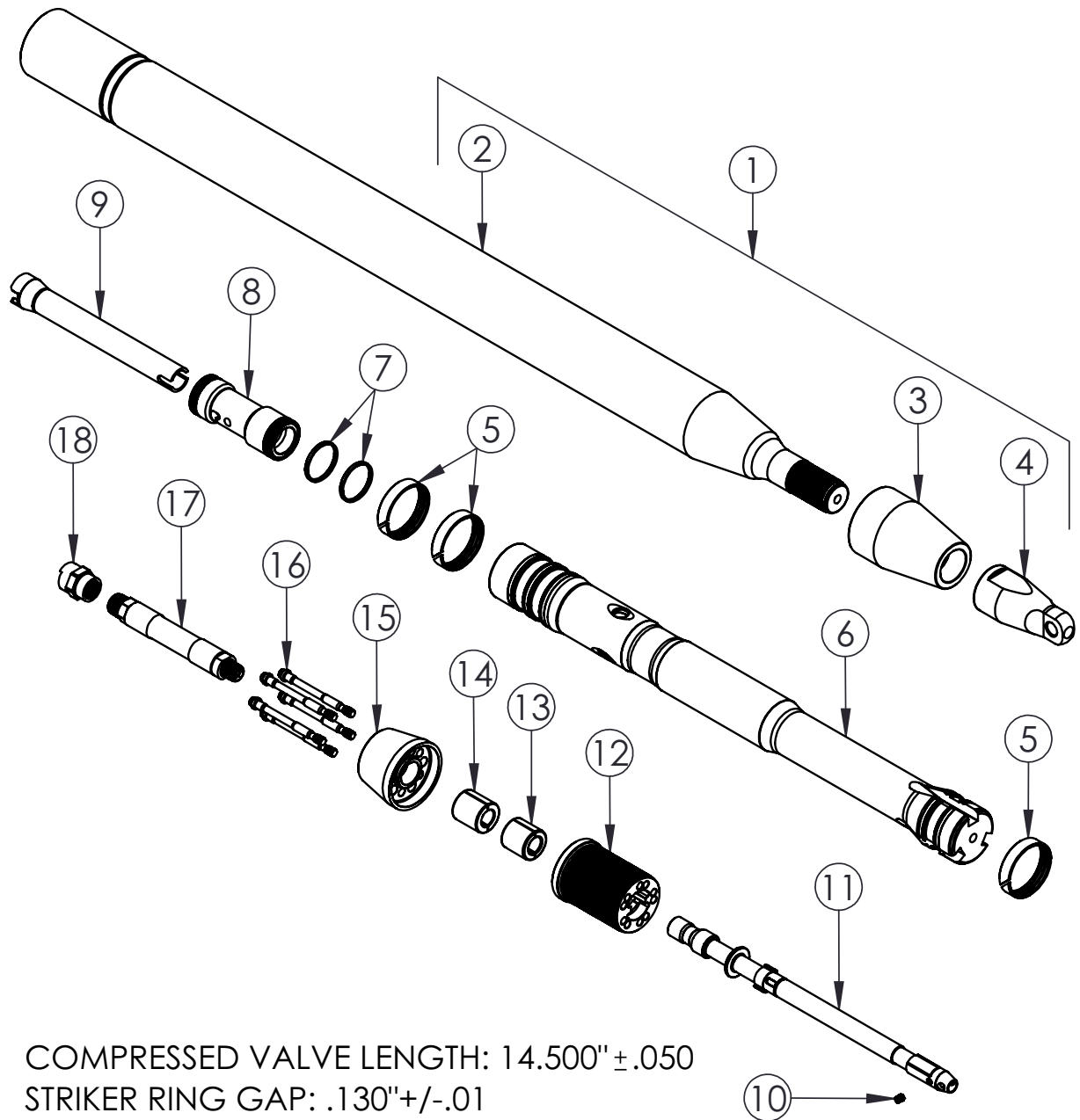
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3.50" (89 mm) RH PP DF, PN 35022

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



3.50" (89 mm) RH PP DF

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3.50" (89 mm) RH PP DF, PN 35022

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	35040	BODY ASSEMBLY 3.5" RH	1	INCLUDES ITEMS 2, 3, 4 & 22-24
3	35027	WEAR FACE, 3.5"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 1000FT-LB
5	35010	STRIKER RING	3	
6	35014	STRIKER 3.5" FH	1	
7	35043	VALVE RING REPLACEMENT KIT, 3.5"	1	INCLUDES TWO RINGS & COMPRESSOR
8	35042	VALVE REPLACEMENT KIT, 3.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	35017	CONTROL SLEEVE, 3.5"	1	
10	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
11	35020	CONTROL STEM, 3.5"	1	
12	35005	REAR ANVIL, 3.5"	1	ANTI-SEEZ & HAND TIGHT TO BODY
13	35033	ISOLATOR HALF, 3.5" SHORT	2	ANTI-SEEZ ID
14	35032	ISOLATOR HALF, 3.5" LONG	2	ANTI-SEEZ ID
15	35006	TAILCONE, 3.5"	1	
16	30221	TAILBOLT	5	ANTI-SEEZ & TORQUE TO 35FT-LB
17	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
18	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
19	20735	HEX DRIVER - 5/32"	1	FOR ITEM 10 - NOT SHOWN
20	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 16 - NOT SHOWN
21	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
22	2114	DECAL, SMALL TOOL	1	NOT SHOWN
23	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
24	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0025 REV E

3.50" (89 mm) RH PP DF

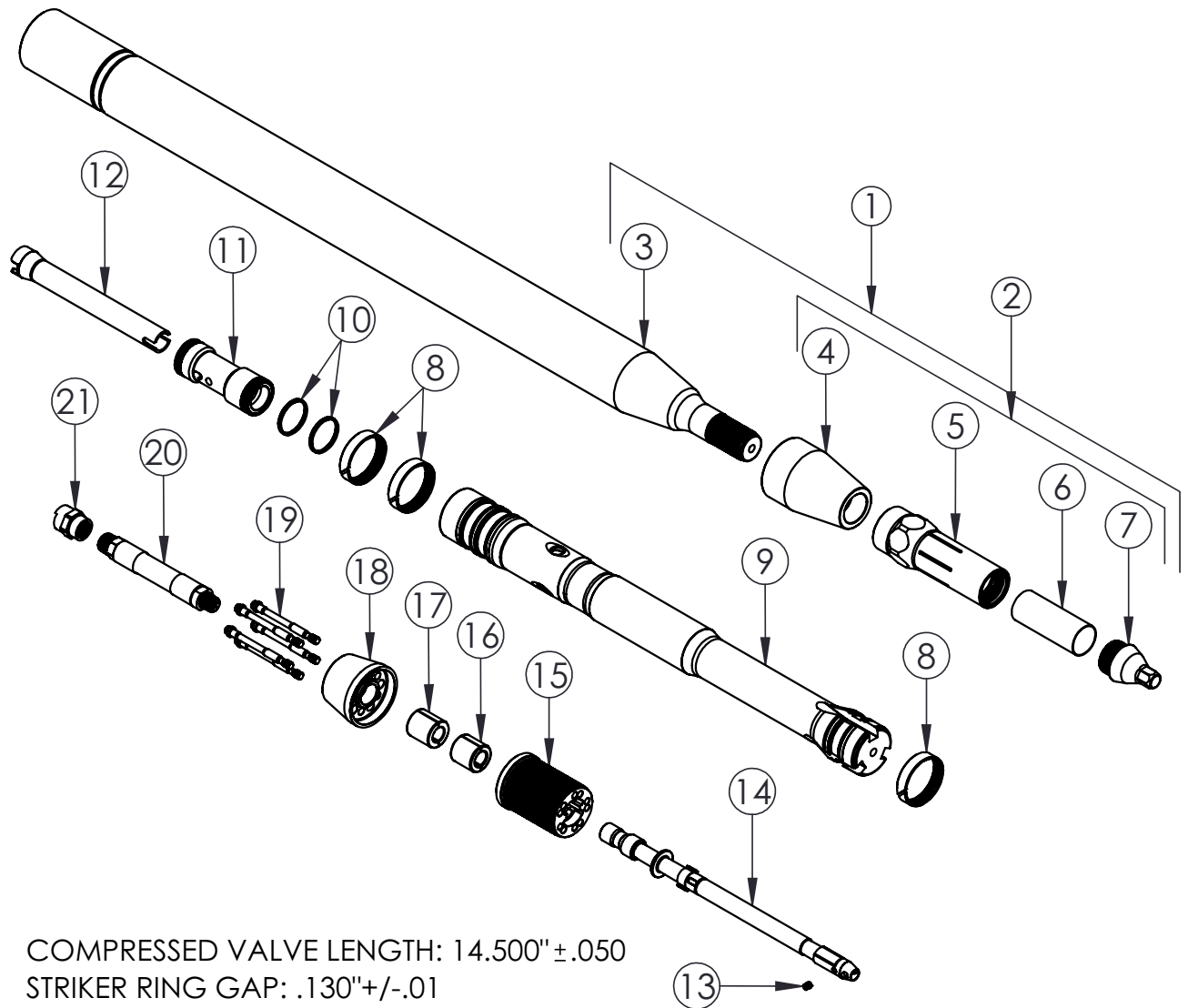
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3.50" (89 mm) RH PP DF MT, PN 35222

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

EXPLODED VIEW



3.50" (89 mm) RH PP DF MT

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3.50" (89 mm) RH PP DF MT, PN 35222

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	35048	BODY ASSY 3.5" MT	1	INCLUDES ITEMS 3-7 & 26-28
2	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	35027	WEAR FACE, 3.5"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	35010	STRIKER RING	3	
9	35014	STRIKER 3.5" FH	1	
10	35043	VALVE RING REPLACEMENT KIT, 3.5"	1	INCLUDES TWO RINGS & COMPRESSOR
11	35042	VALVE REPLACEMENT KIT, 3.5"	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	35017	CONTROL SLEEVE, 3.5"	1	
13	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
14	35020	CONTROL STEM, 3.5"	1	
15	35005	REAR ANVIL, 3.5"	1	ANTI-SEEZ & HAND TIGHT TO BODY
16	35033	ISOLATOR HALF, 3.5" SHORT	2	ANTI-SEEZ ID
17	35032	ISOLATOR HALF, 3.5" LONG	2	ANTI-SEEZ ID
18	35006	TAILCONE, 3.5"	1	
19	30221	TAILBOLT	5	ANTI-SEEZ & TORQUE TO 35FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 13 - NOT SHOWN
23	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 19 - NOT SHOWN
24	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
25	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
26	2114	DECAL, SMALL TOOL	1	NOT SHOWN
27	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
28	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0042 REV E

3.50" (89 mm) RH PP DF MT

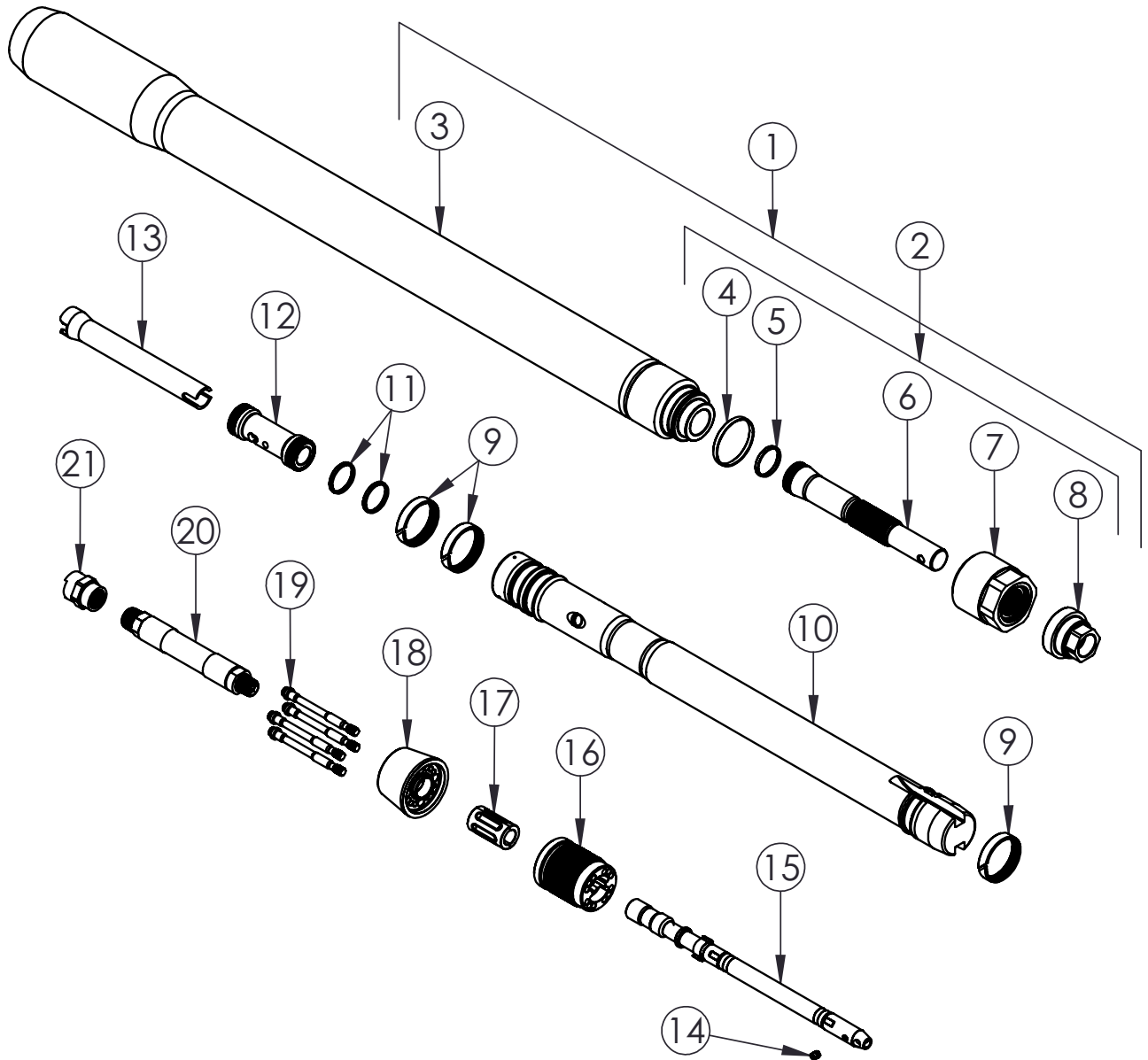
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3.50" (89 mm) AH PP DF BU, PN 31122

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE, BU – BULBED

EXPLODED VIEW



3.50" (89 mm) AH PP DF BU

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3.50" (89 mm) AH PP DF BU, PN 31122

AH – ACTIVE HEAD, PP – POWER PORT, DF – DEBRIS FREE, BU – BULBED

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30613	BODY ASSY-3.5 AH PP	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	30537	HEAD REPLACEMENT KIT, 3.0" AH	1	INCLUDES ITEMS 4-8
4		RING, HEAD SEAL 3" AH	1	
5		RING, BIT SHAFT-3" AH	1	
6		BIT SHAFT, 3"	1	ANTI-SEEZ
7		HEAD, REAR 3"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR-3"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	30210	STRIKER RING, 3"	3	
10	30521	STRIKER-3" POWER PORT	1	
11	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
12	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	30717	CONTROL SLEEVE, 3.0" PP DF	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	30720	CONTROL STEM, 3.0" PP DF	1	
16	30715	REAR ANVIL, 3.0" PP DF	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30703	ISOLATOR HALF, 2.5"&3.0" DF	2	ANTI-SEEZ ID
18	30716	TAILCONE, 3.0" PP DF	1	
19	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	2120	DECAL, SM TL PATENT AH PP	1	NOT SHOWN

924-0024 REV A

3.50" (89 mm) AH PP DF BU

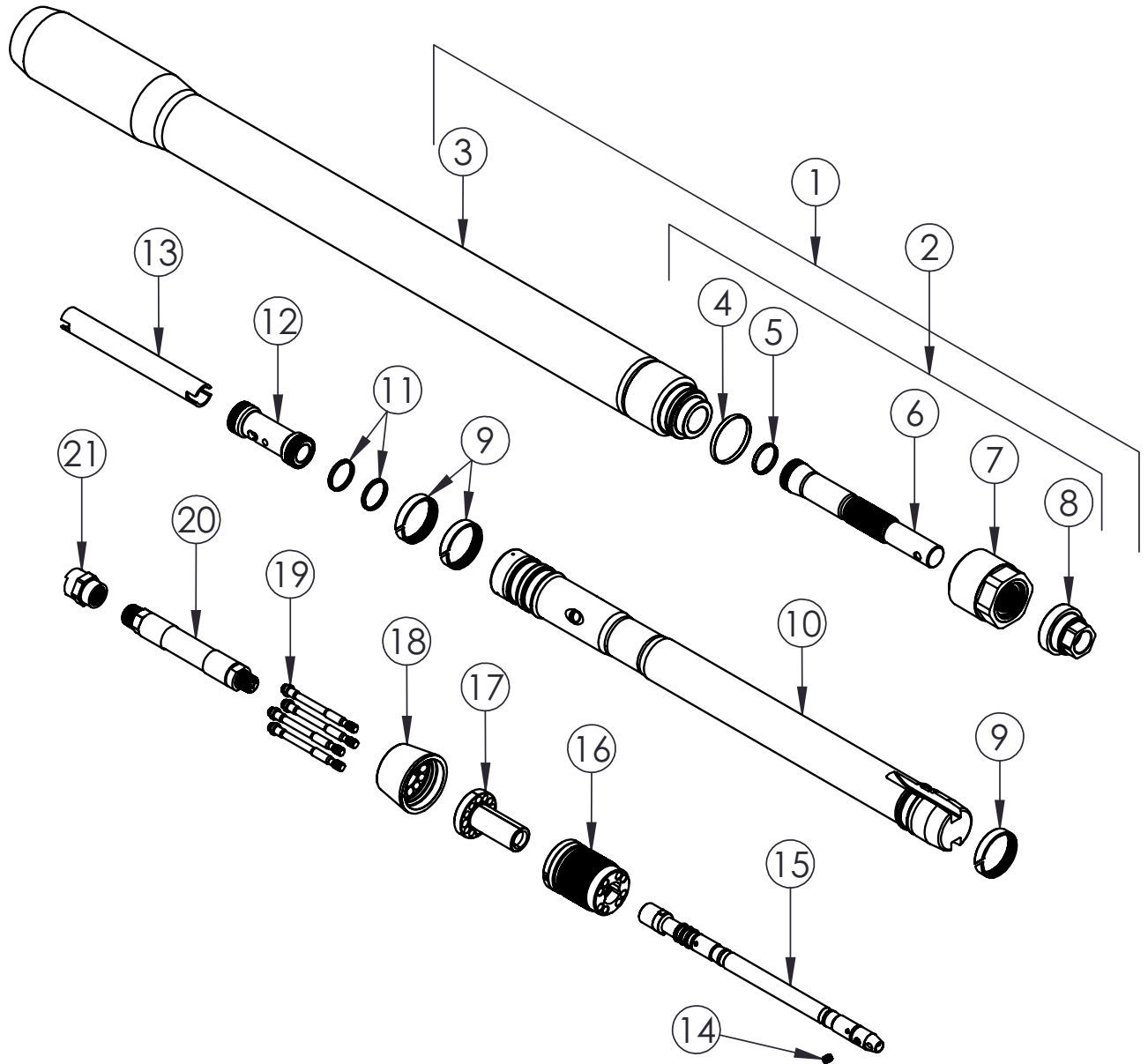
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3.50" (89 mm) AH PP BU, PN 30622

AH – ACTIVE HEAD, PP – POWER PORT, BU – BULBED

EXPLODED VIEW



3.50" (89 mm) AH PP BU

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3.50" (89 mm) AH PP BU, PN 30622

AH – ACTIVE HEAD, PP – POWER PORT, BU – BULBED

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	30613	BODY ASSY-3.5 AH PP	1	INCLUDES ITEMS 3, 4-8 & 25-27
2	30537	HEAD REPLACEMENT KIT, 3.0" AH	1	INCLUDES ITEMS 4-8
4		RING, HEAD SEAL 3" AH	1	
5		RING, BIT SHAFT-3" AH	1	
6		BIT SHAFT, 3"	1	ANTI-SEEZ
7		HEAD, REAR 3"	1	ANTI-SEEZ & TORQUE TO FRONT HD 600FT-LB
8		HEAD, FR-3"	1	ANTI-SEEZ & HAND TIGHT TO BIT SHAFT
9	30210	STRIKER RING, 3"	3	
10	30521	STRIKER-3" POWER PORT	1	
11	31007	VALVE RING REPLACEMENT KIT 3.0"	1	INCLUDES TWO RINGS & COMPRESSOR
12	31009	VALVE REPLACEMENT KIT 3.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
13	30517	CONTROL SLEEVE 3" PP	1	
14	25115	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 50IN-LB
15	31005	CONTROL STEM	1	
16	30515	REAR ANVIL - 3" PP	1	ANTI-SEEZ & HAND TIGHT TO BODY
17	30520	ISOLATOR HALF-2-1/2" & 3" PP	2	ANTI-SEEZ ID
18	30516	TAILCONE-3" PP	1	
19	30221	TAILBOLT	4	ANTI-SEEZ & TORQUE TO 35FT-LB
20	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
21	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
22	20735	HEX DRIVER - 5/32"	1	FOR ITEM 14 - NOT SHOWN
23	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 19 - NOT SHOWN
24	30448	A.H. AND CTMNT TOOLING	1	FOR ITEMS 7 & 8 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	2120	DECAL, SM TL PATENT AH PP	1	NOT SHOWN

924-0023 REV A

3.50" (89 mm) AH PP BU

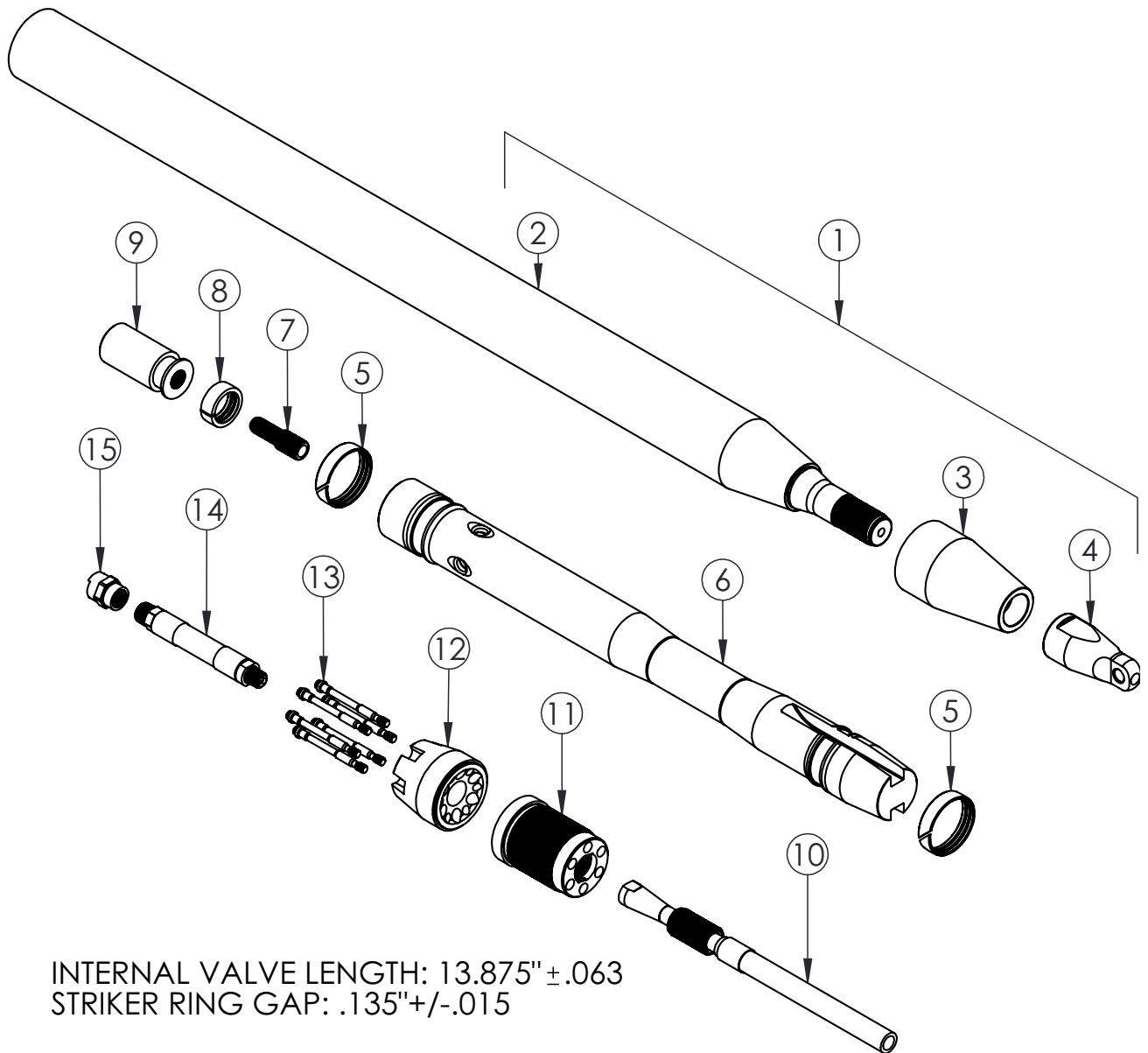
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3.74" (95 mm) RH SR, PN 38122

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

EXPLODED VIEW



3.74" (95 mm) RH SR

HAMMERHEAD®

3.74" (95 mm) RH SR, PN 38122

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	38100	BODY ASSY. 95MM RH	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
5	38208	STRIKER RING, 3 7/8"	2	
6	41204	STRIKER	1	
7	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
8	37211	VALVE RING 3-7/8"	1	
9	37208	VALVE, 3-7/8"	1	
10	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
11	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
12	38106	TAILCONE 95mm	1	
13	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
14	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
15	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
16	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 13 - NOT SHOWN
17	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 7 - NOT SHOWN
18	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0027 REV C

3.74" (95 mm) RH SR

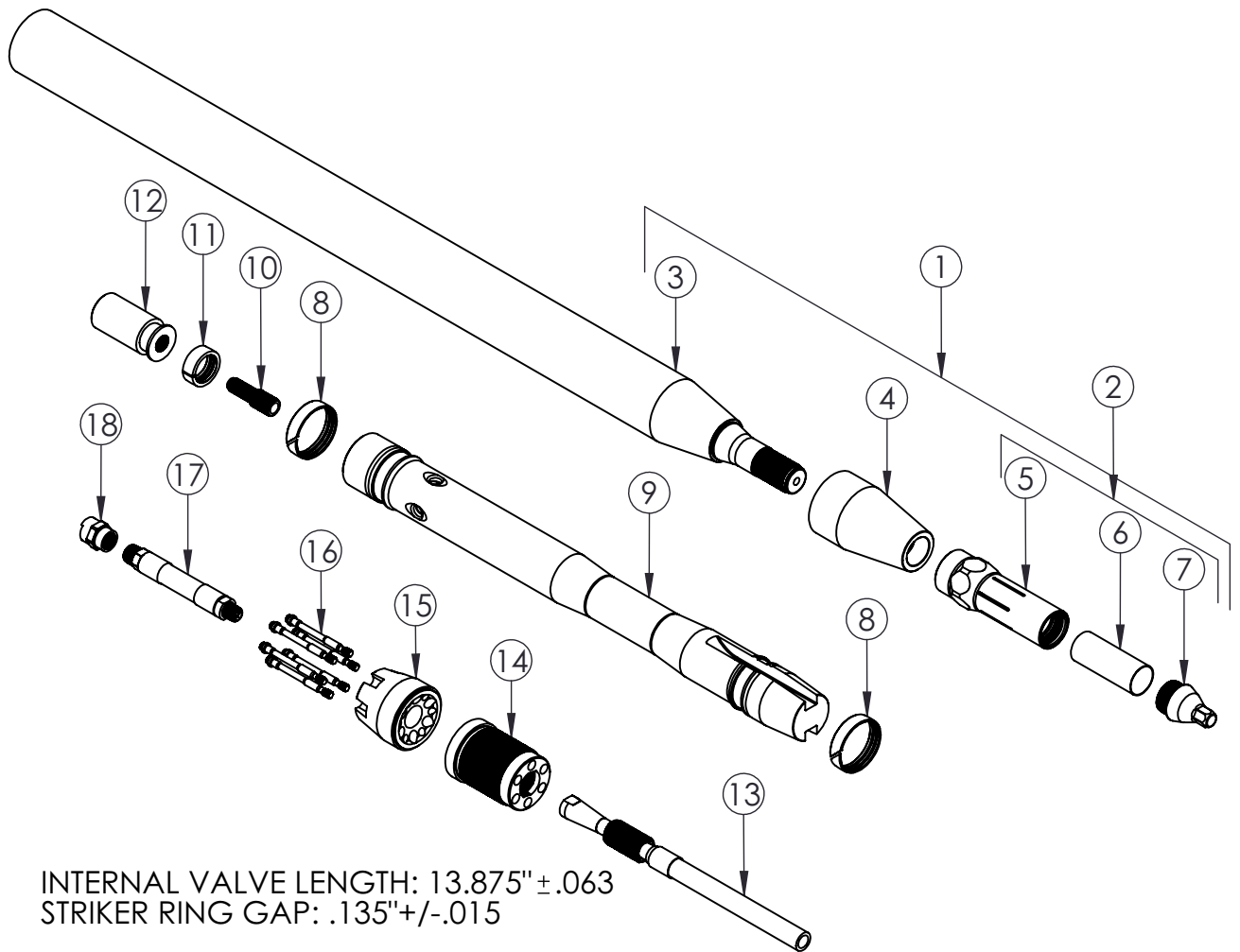
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3.74" (95 mm) RH SR MT, PN 38022

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

EXPLODED VIEW



3.74" (95 mm) RH SR MT

HAMMERHEAD®

3.74" (95 mm) RH SR MT, PN 38022

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	38101	BODY ASSY 95MM SR MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	38208	STRIKER RING, 3 7/8"	2	
9	41204	STRIKER	1	
10	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
11	37211	VALVE RING 3-7/8"	1	
12	37208	VALVE, 3-7/8"	1	
13	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
14	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
15	38106	TAILCONE 95mm	1	
16	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
17	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
18	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 16 - NOT SHOWN
20	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 10 - NOT SHOWN
21	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0043 REV D

3.74" (95 mm) RH SR MT

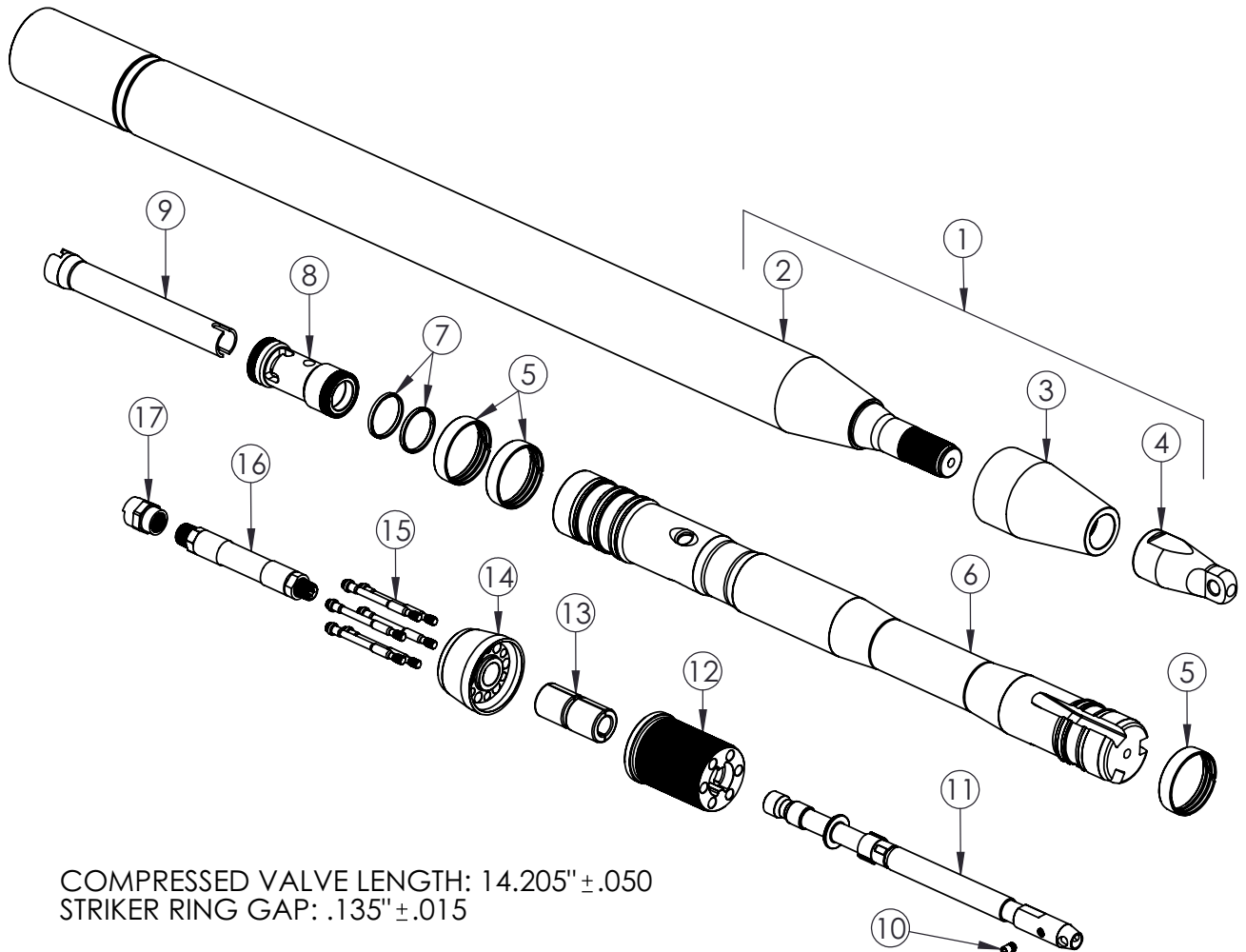
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3.74" (95 mm) RH PP DF, PN 40622

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE,

EXPLODED VIEW



COMPRESSED VALVE LENGTH: 14.205" $\pm$.050
STRIKER RING GAP: .135" $\pm$.015

3.74" (95 mm) RH PP DF, PN 40622

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	40427	BODY ASSY, 95MM RH PP	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
5	38208	STRIKER RING, 3 7/8"	3	
6	40409	4.0" STRIKER RH	1	
7	40423	VALVE RING REPLACEMENT KIT 4.0"	1	INCLUDES TWO RINGS & COMPRESSOR
8	40421	VALVE REPLACEMENT KIT, 4.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	40405	CONTROL SLEEVE, 4.0" PP	1	
10	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
11	40420	CONTROL STEM, 4.0"	1	
12	40415	REAR ANVIL, 4.0"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
13	40404	ISOLATOR HALF, 4.0"	4	ANTI-SEEZ ID & OD
14	40416	TAILCONE, 4.0"	1	
15	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
19	9517	HEX DRIVER, 1/4"	1	FOR ITEM 10 - NOT SHOWN
20	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0047 REV E

3.74" (95 mm) RH PP DF, PN 40622

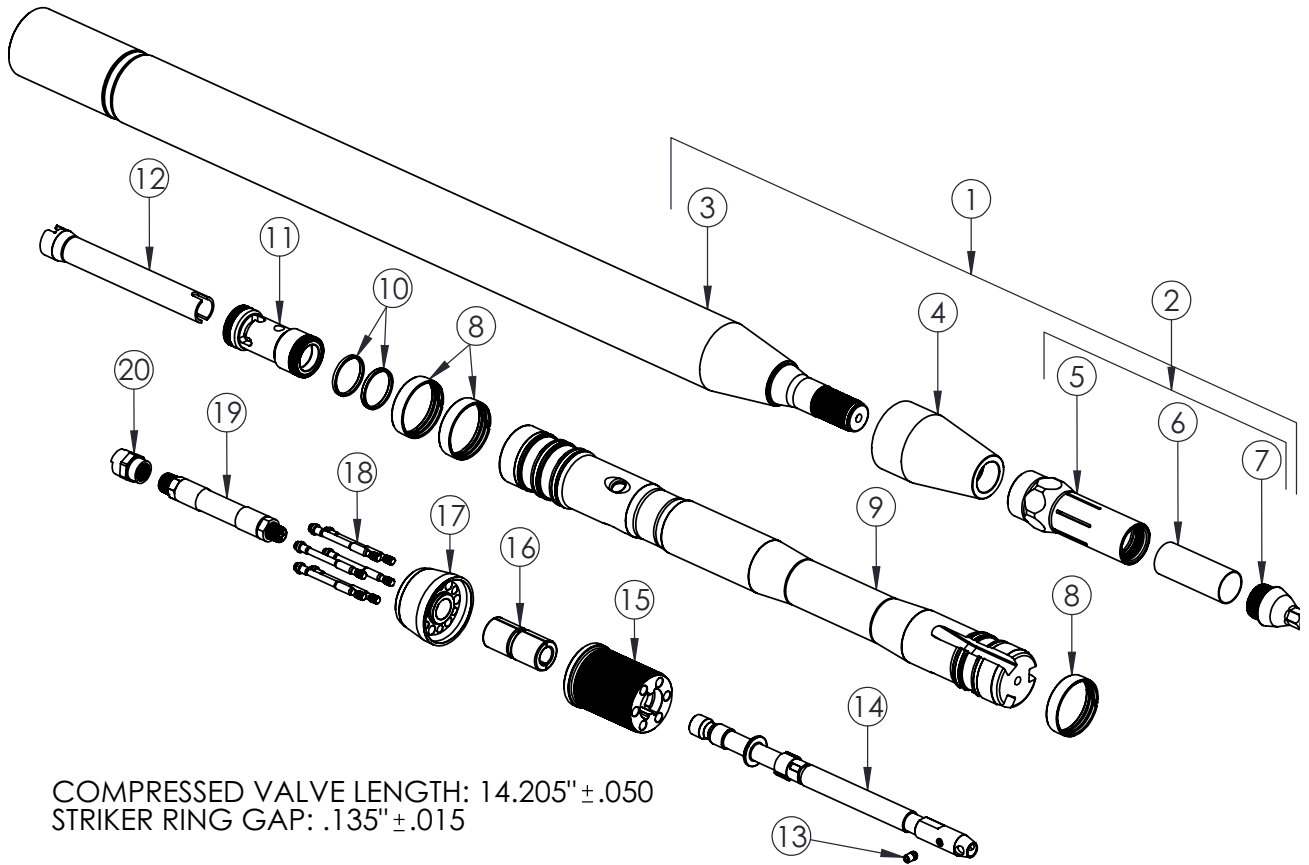
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3.74" (95 mm) RH PP DF MT, PN 40722

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

EXPLODED VIEW



3.74" (95 mm) RH PP DF MT, PN 40722

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3.74" (95 mm) RH PP DF MT, PN 40722

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	40428	BODY ASSY, 95MM PP MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	38208	STRIKER RING, 3 7/8"	3	
9	40409	4.0" STRIKER RH	1	
10	40423	VALVE RING REPLACEMENT KIT 4.0"	1	INCLUDES TWO RINGS & COMPRESSOR
11	40421	VALVE REPLACEMENT KIT, 4.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	40405	CONTROL SLEEVE, 4.0" PP	1	
13	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
14	40420	CONTROL STEM, 4.0"	1	
15	40415	REAR ANVIL, 4.0"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
16	40404	ISOLATOR HALF, 4.0"	4	ANTI-SEEZ ID & OD
17	40416	TAILCONE, 4.0"	1	
18	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 18 - NOT SHOWN
22	9517	HEX DRIVER, 1/4"	1	FOR ITEM 13 - NOT SHOWN
23	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0049 REV F

3.74" (95 mm) RH PP DF MT, PN 40722

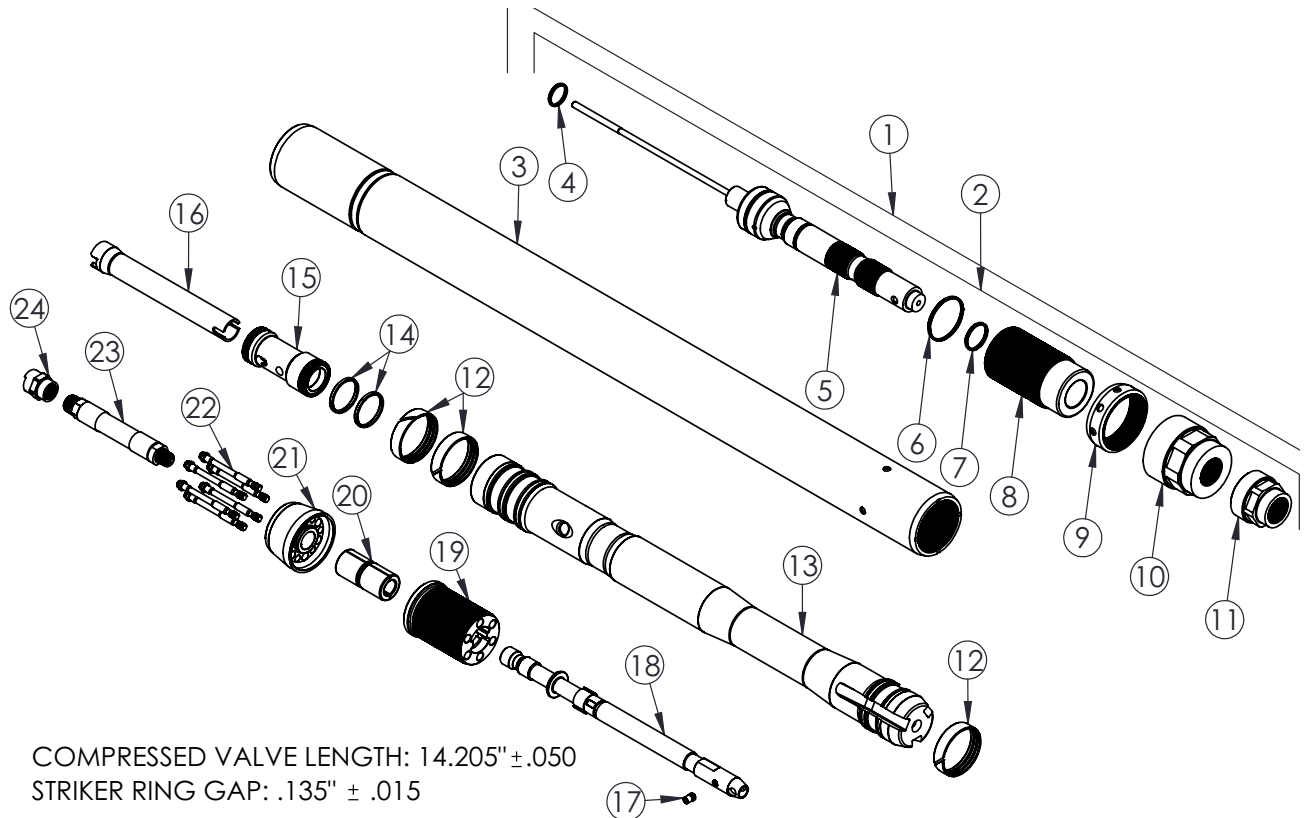
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4.00" (98 mm) CAT PP DF, PN 40322

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



4.00" (98 mm) CAT PP DF, PN 40322

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	40324	BODY ASSY, 4.0" CTMNT	1	INCLUDES ITEMS 3-11 & 27-29
2	40452	HEAD KIT ASSY 4" CAT	1	INCLUDES ITEMS 4-11
4	40313	RING, SEAL	1	FACTORY REPLACEABLE
5		BITSHAFT ASSEMBLY, 4.0"	1	FACTORY REPLACEABLE
6	40315	RING, SEAL	1	FACTORY REPLACEABLE
7	40314	RING, SEAL	1	FACTORY REPLACEABLE
8		FRONT BUSHING- 4.0" CTMNT	1	FACTORY REPLACEABLE
9		JAM NUT COLLAR, 4.0" CTMNT	1	FACTORY REPLACEABLE
10		HEAD, REAR 4.0" CTMNT	1	ANTI-SEEZ & SET HEAD TRAVEL TO .15±.01
11		HEAD, FRONT 4.0" CTMNT	1	ANTI-SEEZ & TORQUE TO 1800FT-LB
12	38208	STRIKER RING, 3 7/8"	3	
13	40312	4.0" STRIKER CATAMOUNT	1	
14	40423	VALVE RING REPLACEMENT KIT 4.0"	1	INCLUDES TWO RINGS & COMPRESSOR
15	40421	VALVE REPLACEMENT KIT, 4.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
16	40405	CONTROL SLEEVE, 4.0" PP	1	
17	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
18	40420	CONTROL STEM, 4.0"	1	
19	40415	REAR ANVIL, 4.0"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
20	40404	ISOLATOR HALF, 4.0"	4	ANTI-SEEZ ID & OD
21	40416	TAILCONE, 4.0"	1	
22	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
23	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
24	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
25	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 22 - NOT SHOWN
26	9517	HEX DRIVER, 1/4"	1	FOR ITEM 17 - NOT SHOWN
27	2114	DECAL, SMALL TOOL	1	NOT SHOWN
28	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
29	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0050 REV H

4.00" (98 mm) CAT PP DF, PN 40322

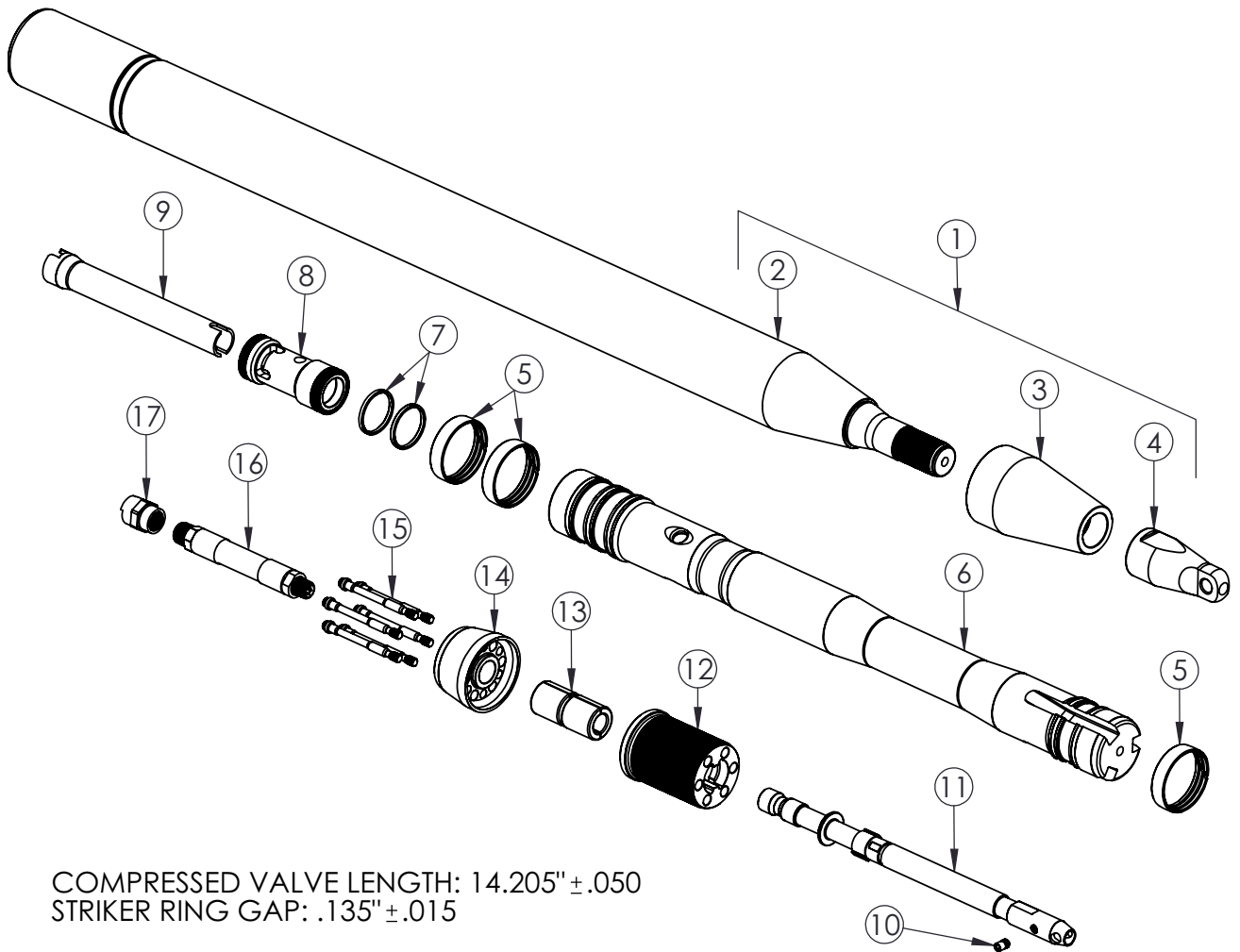
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4.00" (98 mm) RH PP DF, PN 40422

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



COMPRESSED VALVE LENGTH: 14.205" $\pm$.050
STRIKER RING GAP: .135" $\pm$.015

4.00" (98 mm) RH PP DF, PN 40422

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	40418	BODY ASSY, 4.0" RH PP	1	INCLUDES ITEMS 2, 3, 4 & 21-23
3	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
5	38208	STRIKER RING, 3 7/8"	3	
6	40409	4.0" STRIKER RH	1	
7	40423	VALVE RING REPLACEMENT KIT 4.0"	1	INCLUDES TWO RINGS & COMPRESSOR
8	40421	VALVE REPLACEMENT KIT, 4.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
9	40405	CONTROL SLEEVE, 4.0" PP	1	
10	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
11	40420	CONTROL STEM, 4.0"	1	
12	40415	REAR ANVIL, 4.0"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
13	40404	ISOLATOR HALF, 4.0"	4	ANTI-SEEZ ID & OD
14	40416	TAILCONE, 4.0"	1	
15	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
16	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
17	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
18	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
19	9517	HEX DRIVER, 1/4"	1	FOR ITEM 10 - NOT SHOWN
20	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0046 REV E

4.00" (98 mm) RH PP DF, PN 40422

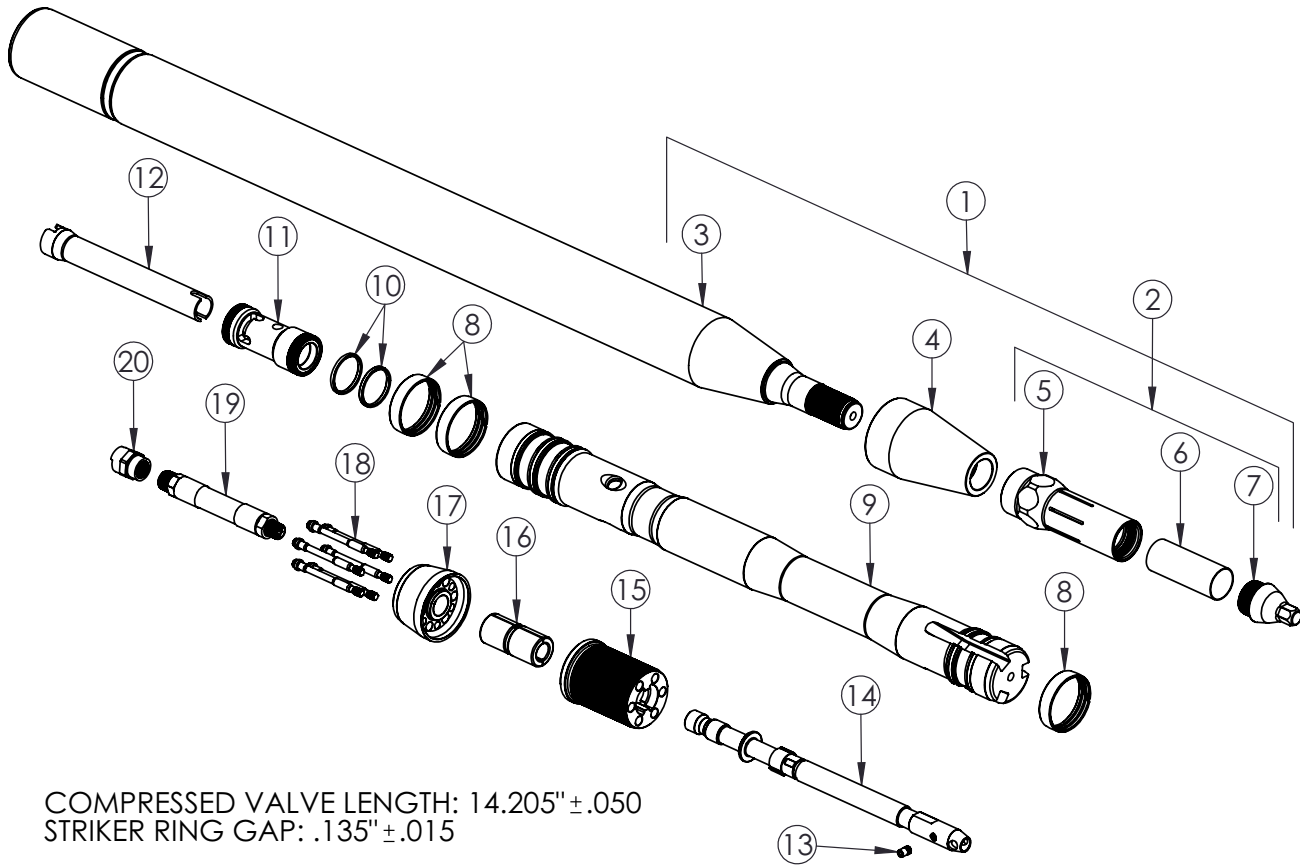
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4.00" (98 mm) RH PP DF MT, PN 40522

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

EXPLODED VIEW



4.00" (98 mm) RH PP DF MT, PN 40522

HAMMERHEAD®

4.00" (98 mm) RH PP DF MT, PN 40522

RH – REPLACEABLE HEAD, PP – POWER PORT, DF – DEBRIS FREE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	40429	BODY ASSY, 4.0" PP MT	1	INCLUDES ITEMS 3-7 & 25-27
2	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	38208	STRIKER RING, 3 7/8"	3	
9	40409	4.0" STRIKER RH	1	
10	40423	VALVE RING REPLACEMENT KIT 4.0"	1	INCLUDES TWO RINGS & COMPRESSOR
11	40421	VALVE REPLACEMENT KIT, 4.0"	1	INCLUDES VALVE, RINGS & COMPRESSOR
12	40405	CONTROL SLEEVE, 4.0" PP	1	
13	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
14	40420	CONTROL STEM, 4.0"	1	
15	40415	REAR ANVIL, 4.0"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
16	40404	ISOLATOR HALF, 4.0"	4	ANTI-SEEZ ID & OD
17	40416	TAILCONE, 4.0"	1	
18	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
19	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
20	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
21	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 18 - NOT SHOWN
22	9517	HEX DRIVER, 1/4"	1	FOR ITEM 13 - NOT SHOWN
23	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
24	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
25	2114	DECAL, SMALL TOOL	1	NOT SHOWN
26	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
27	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0048 REV F

4.00" (98 mm) RH PP DF MT, PN 40522

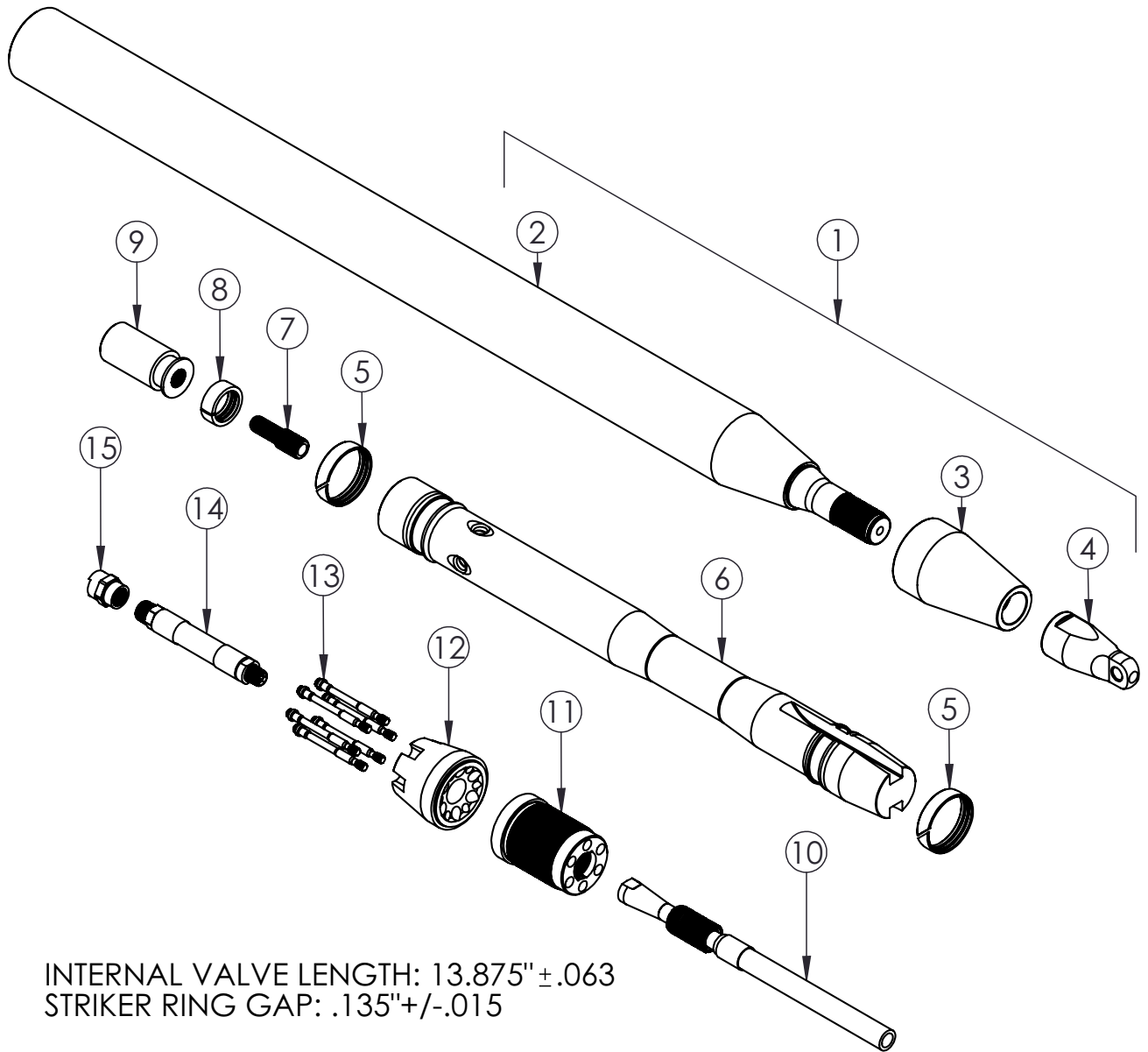
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4.00" (98 mm) RH SR, PN 38222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

EXPLODED VIEW



4.00" (98 mm) RH SR

HAMMERHEAD®

4.00" (98 mm) RH SR, PN 38222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	38200	BODY ASSY., 3 7/8" RH	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
5	38208	STRIKER RING, 3 7/8"	2	
6	41204	STRIKER	1	
7	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
8	37211	VALVE RING 3-7/8"	1	
9	37208	VALVE, 3-7/8"	1	
10	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
11	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
12	37206	TAILCONE	1	
13	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
14	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
15	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
16	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 13 - NOT SHOWN
17	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 7 - NOT SHOWN
18	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0028 REV C

4.00" (98 mm) RH SR

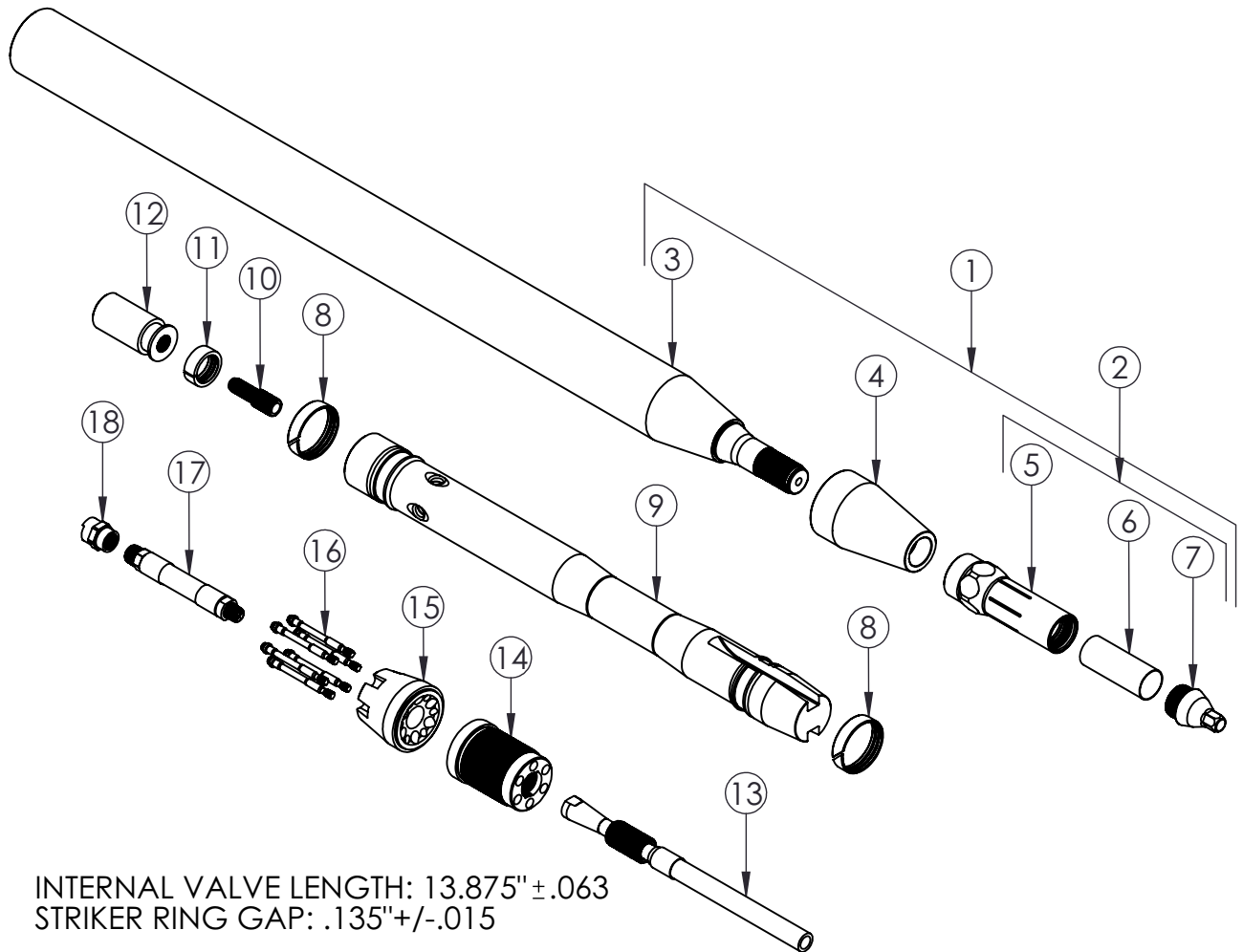
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4.00" (98 mm) RH SR MT, PN 38322

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

EXPLODED VIEW



4.00" (98 mm) RH SR MT

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4.00" (98 mm) RH SR MT, PN 38322

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	38209	BODY ASSY 3.88" SR MT	1	INCLUDES ITEMS 3-7 & 23 & 24
	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	38208	STRIKER RING, 3 7/8"	2	
9	41204	STRIKER	1	
10	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
11	37211	VALVE RING 3-7/8"	1	
12	37208	VALVE, 3-7/8"	1	
13	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
14	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
15	37206	TAILCONE	1	
16	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
17	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
18	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 16 - NOT SHOWN
20	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 10 - NOT SHOWN
21	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0044 REV D

4.00" (98 mm) RH SR MT

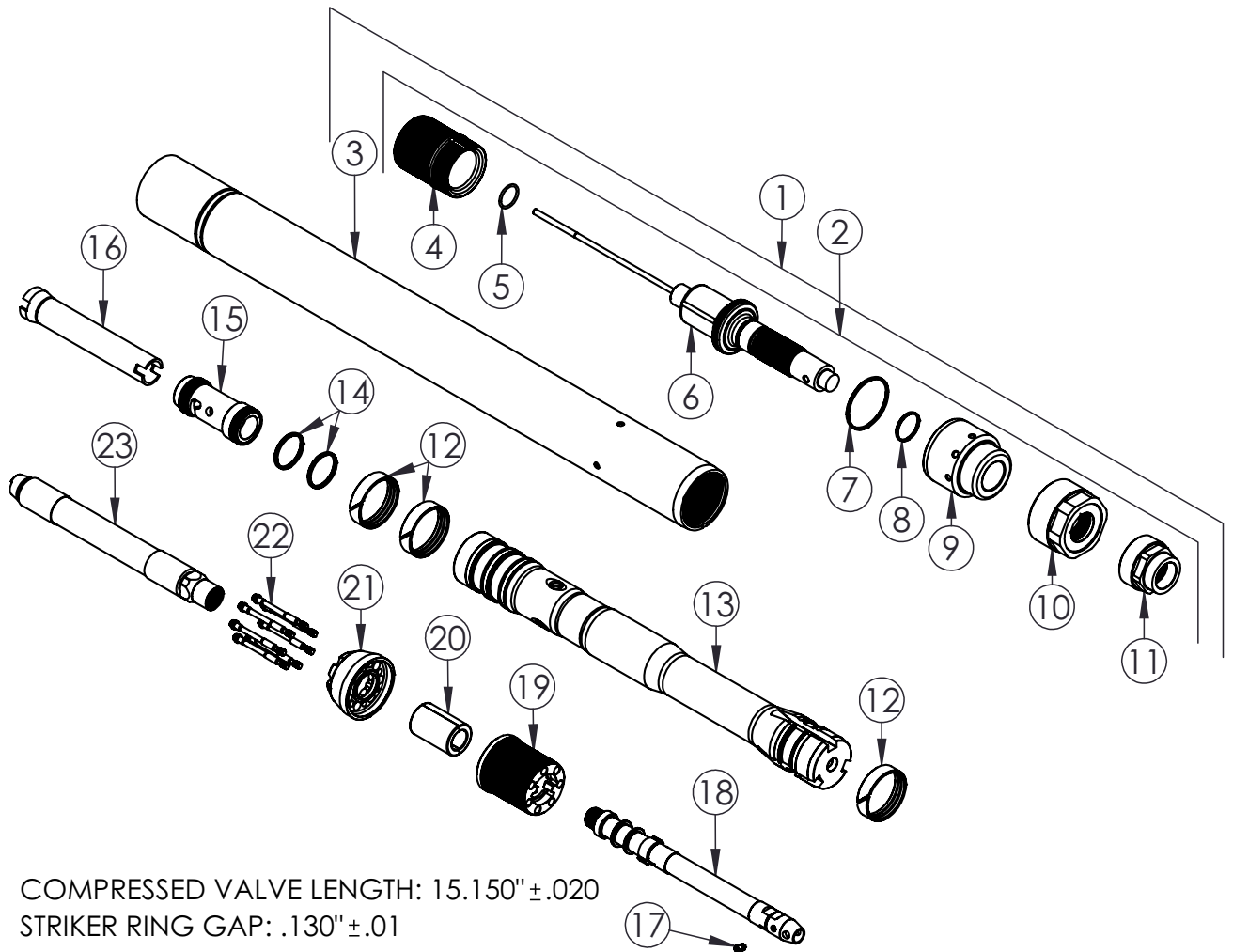
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4.375" (111 mm) CAT PP DF, PN 43222

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



4.375" (111 mm) CAT PP DF, PN 43222

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	43200	BODY ASSY 4-3/8" CTMNT	1	INCLUDES ITEMS 3-11 & 26-29
2	43259	HEAD KIT ASSY 4.375" CAT	1	INCLUDES ITEMS 4-11
4		FRONT ANVIL	1	FACTORY REPLACEABLE
5	918-2423	RING, SEAL	1	FACTORY REPLACEABLE
6		BIT SHAFT ASSEMBLY	1	FACTORY REPLACEABLE
7	43246	RING, SEAL	1	FACTORY REPLACEABLE
8	43245	RING, SEAL	1	FACTORY REPLACEABLE
9		NOSE CAP	1	FACTORY REPLACEABLE
10		HEAD, REAR	1	ANTI-SEEZ & TORQUE TO FRONT HD 1000FT-LB
11		HEAD, FRONT	1	ANTI-SEEZ & SET HD TRVL .13±.01
12	43210	STRIKER RING	3	
13	43204	STRIKER	1	
14	43235	VALVE RING REPLACEMENT KIT 4.38"	1	INCLUDES TWO RINGS & COMPRESSOR
15	43248	VALVE REPLACEMENT KIT 4.375"	1	INCLUDES VALVE, RINGS & COMPRESSOR
16	43217	CONTROL SLEEVE	1	
17	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
18	43247	CONTROL STEM MACHINED	1	
19	43205	REAR ANVIL	1	ANTI-SEEZ & HAND TIGHT TO BODY
20	43220	ISOLATOR HALF	2	ANTI-SEEZ ID
21	43206	TAILCONE	1	
22	30221	TAILBOLT	7	ANTI-SEEZ & TORQUE TO 35FT-LB
23	43227	EXTERNAL WHIP	1	TORQUE TO 120FT-LB
24	9517	HEX DRIVER, 1/4"	1	FOR ITEM 17 - NOT SHOWN
25	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 22 - NOT SHOWN
26	2101	DECAL, BOX	1	NOT SHOWN
27	2114	DECAL, SMALL TOOL	1	NOT SHOWN
28	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
29	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0029 REV D

4.375" (111 mm) CAT PP DF

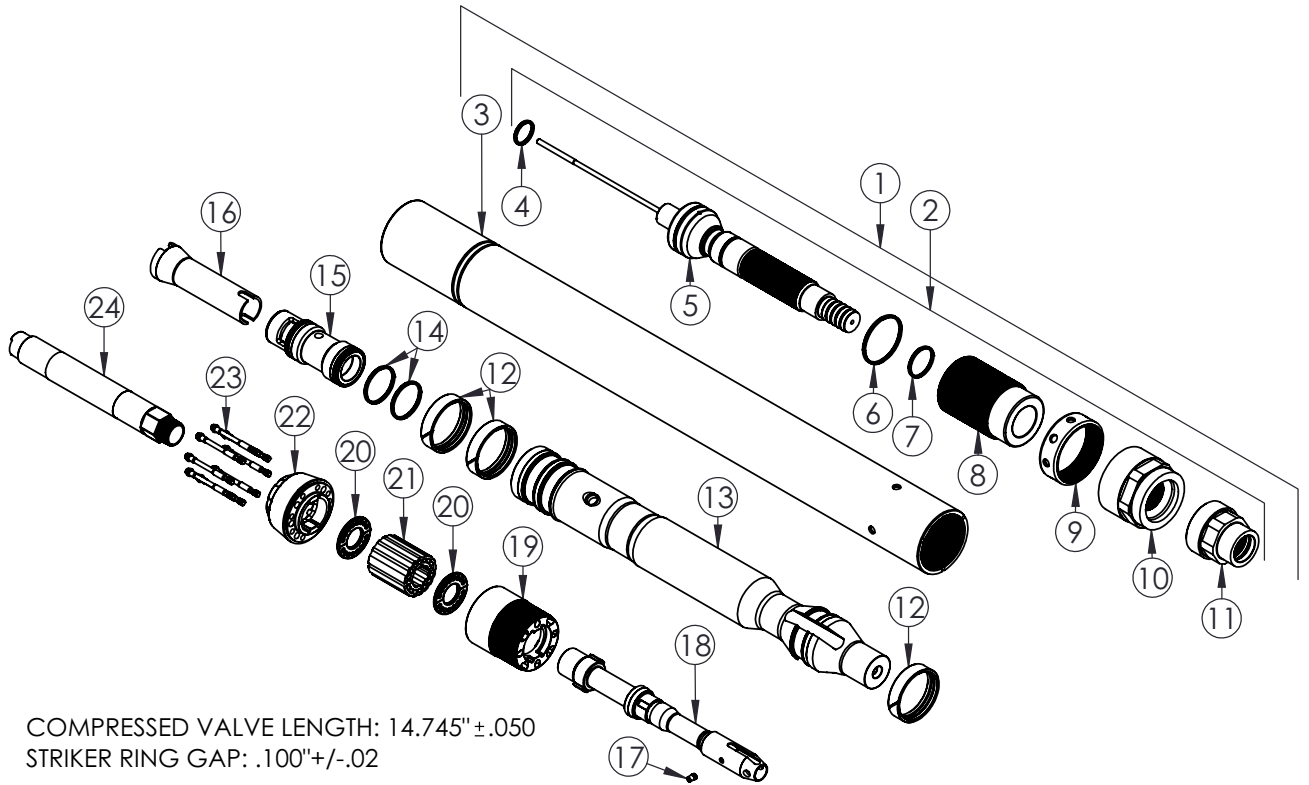
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5.125" (130 mm) CAT PP DF, PN 51322

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



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5.125" (130 mm) CAT PP DF, PN 51322

CAT – CATAMOUNT, PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51324	BODY ASSY 5.125" CTMNT	1	INCLUDES ITEMS 3-11 & 28-30
2	51351	HEAD KIT ASSY 5.125" CAT	1	INCLUDES ITEMS 4-11
4	51314	RING, SEAL	1	FACTORY REPLACEABLE
5		BITSHAFT ASSY, 5.125"	1	FACTORY REPLACEABLE
6	51315	RING, SEAL	1	FACTORY REPLACEABLE
7	51313	RING, SEAL	1	FACTORY REPLACEABLE
8		FRONT BUSHING 5.125" CTMNT	1	FACTORY REPLACEABLE
9		JAM NUT COLLAR 5.125" CTMNT	1	FACTORY REPLACEABLE
10		HEAD, REAR 5.125" CTMNT	1	ANTI-SEEZ & SET HEAD TRAVEL TO .20±.01
11		HEAD, FRONT 5.125" CTMNT	1	ANTI-SEEZ & TORQUE TO 4000FT-LB
12	51210	STRIKER RING, 5.125"	3	
13	51312	5.125" CTMNT STRIKER	1	
14	51423	VALVE RING REPLACEMENT KIT, 5.125"	1	INCLUDES TWO RINGS & COMPRESSOR
15	51424	VALVE REPLACEMENT KIT, 5.125"	1	INCLUDES VALVE, RINGS & COMPRESSOR
16	51410	CONTROL SLEEVE 5.125"	1	
17	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
18	51420	CONTROL STEM, 5.125"	1	
19	51415	REAR ANVIL, 5.125"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
20	51417	SPACER, SPLIT 5.125"	2	
21	51408	ISOLATOR, 5.125"	1	ANTI-SEEZ ID & OD
22	51416	TAILCONE, 5.125"	1	
23	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
24	51418	SERVICE WIHIP ASSY	1	TORQUE TO 200FT-LB
25	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 23 - NOT SHOWN
26	9517	HEX DRIVER, 1/4"	1	FOR ITEM 17 - NOT SHOWN
27	80288	LIFTING STRAP, 5 1/8-12	2	NOT SHOWN
28	2114	DECAL, SMALL TOOL	1	NOT SHOWN
29	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
30	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0052 REV E

5.125" (130 mm) CAT PP DF, PN 51322

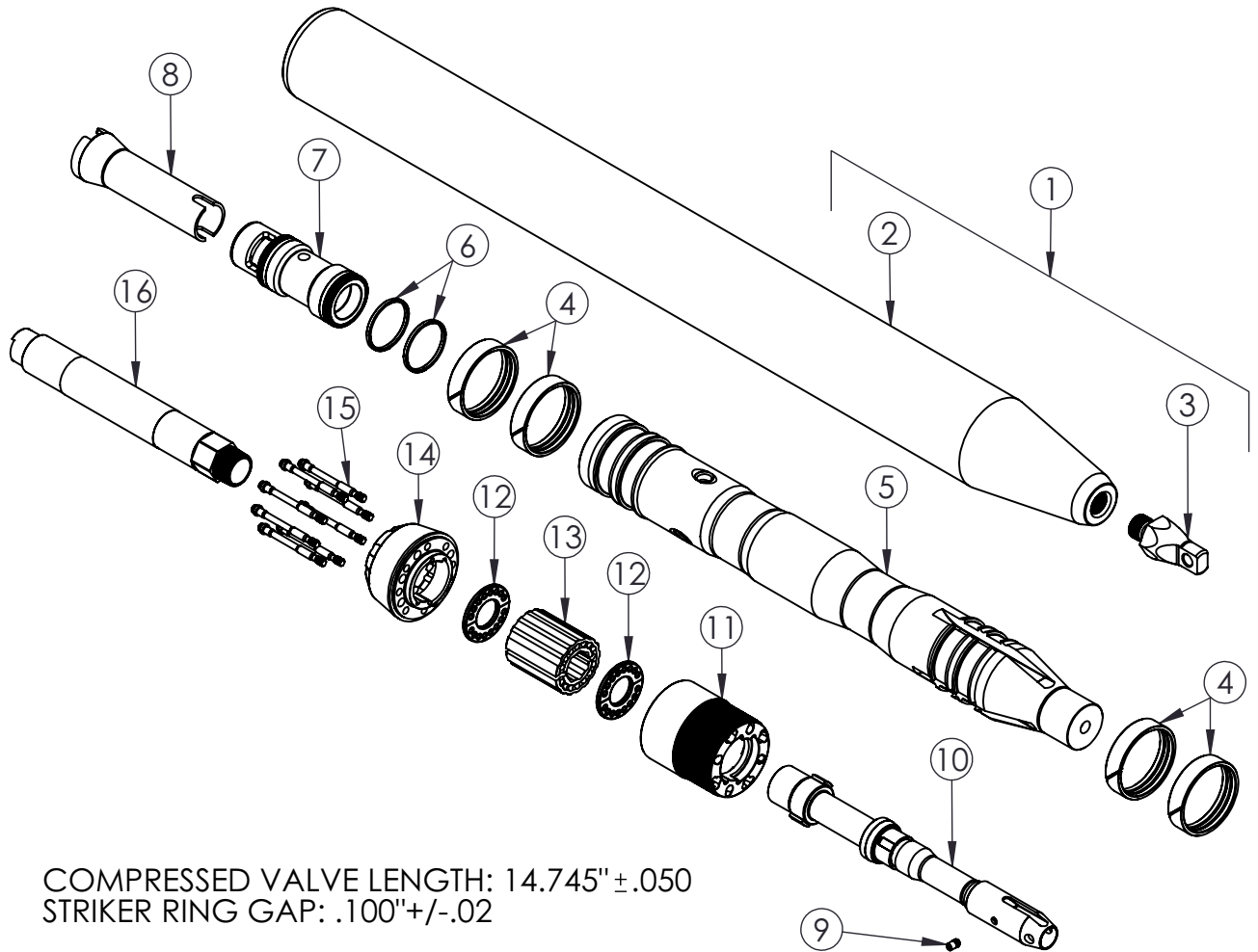
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5.125" (130 mm) PP DF, PN 51422

PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW



5.125" (130 mm) PP DF, PN 51422

PP – POWER PORT, DF – DEBRIS FREE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51435	BODY ASSEMBLY 5.125" PP	1	INCLUDES ITEMS 2, 3 & 20-22
3	51402	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	51210	STRIKER RING, 5.125"	4	
5	51409	5.125" PP STRIKER	1	
6	51423	VALVE RING REPLACEMENT KIT, 5.125"	1	INCLUDES TWO RINGS & COMPRESSOR
7	51424	VALVE REPLACEMENT KIT, 5.125"	1	INCLUDES VALVE, RINGS & COMPRESSOR
8	51410	CONTROL SLEEVE 5.125"	1	
9	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
10	51420	CONTROL STEM, 5.125"	1	
11	51415	REAR ANVIL, 5.125"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
12	51417	SPACER, SPLIT 5.125"	2	
13	51408	ISOLATOR, 5.125"	1	ANTI-SEEZ ID & OD
14	51416	TAILCONE, 5.125"	1	
15	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
16	51418	SERVICE WIHIP ASSY	1	TORQUE TO 200FT-LB
17	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
18	9517	HEX DRIVER, 1/4"	1	FOR ITEM 9 - NOT SHOWN
19	80288	LIFTING STRAP, 5 1/8-12	2	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
22	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0051 REV D

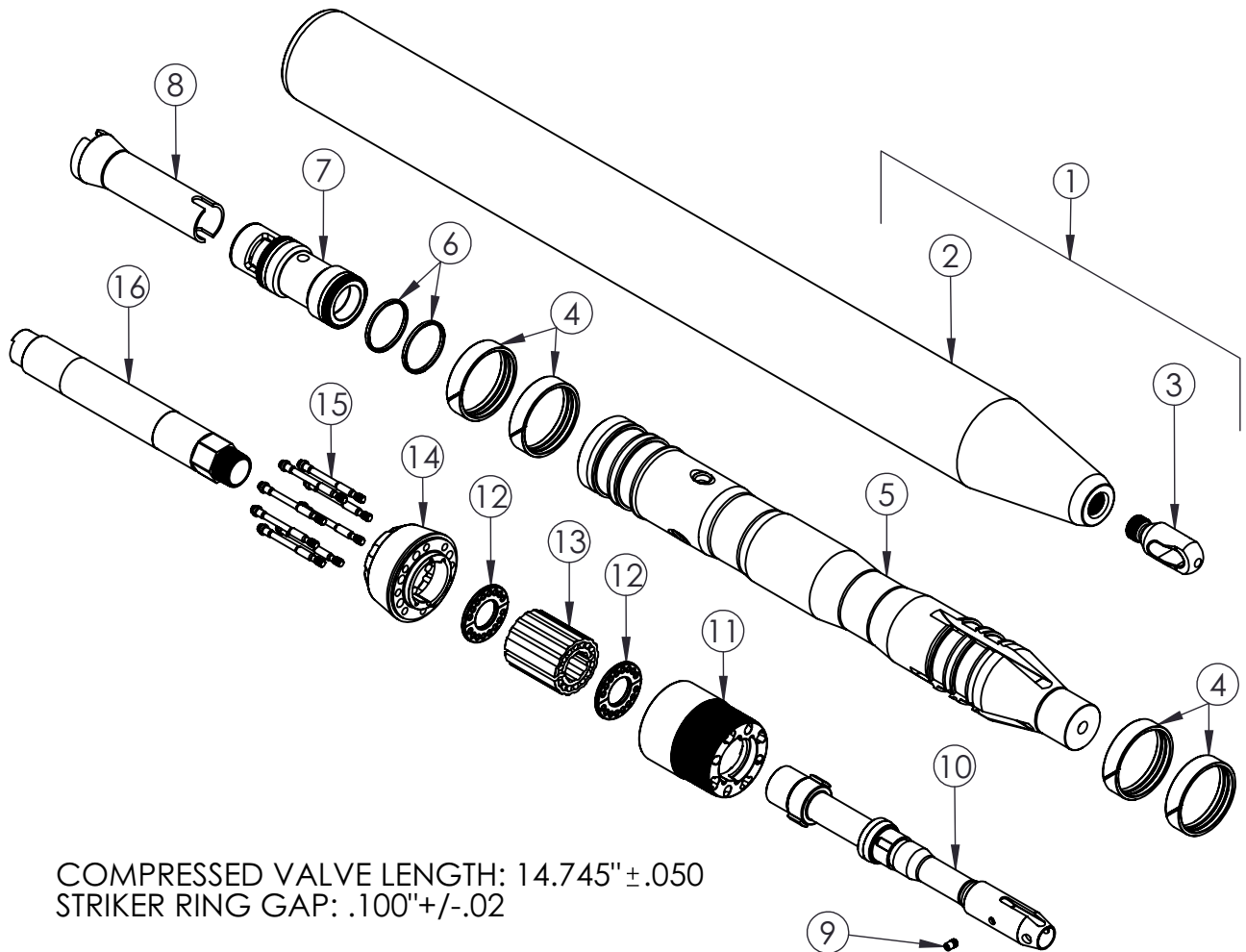
5.125" (130 mm) PP DF, PN 51422

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5.125" (130 mm) PP DF BURSTING TOOL, PN 51522

PP – POWER PORT, DF – DEBRIS FREE

EXPLODED VIEW

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5.125" (130 mm) PP DF BURSTING TOOL, PN 51522

PP – POWER PORT, DF – DEBRIS FREE

5.125" (130 mm) PP DF BURSTING TOOL, PN 51522

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51436	BODY ASSY 5.125" PP, BURSTING	1	INCLUDES ITEMS 2, 3 & 21-23
3	51401	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	51210	STRIKER RING, 5.125"	4	
5	51409	5.125" PP STRIKER	1	
6	51423	VALVE RING REPLACEMENT KIT, 5.125"	1	INCLUDES TWO RINGS & COMPRESSOR
7	51424	VALVE REPLACEMENT KIT, 5.125"	1	INCLUDES VALVE, RINGS & COMPRESSOR
8	51410	CONTROL SLEEVE 5.125"	1	
9	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
10	51420	CONTROL STEM, 5.125"	1	
11	51415	REAR ANVIL, 5.125"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
12	51417	SPACER, SPLIT 5.125"	2	
13	51408	ISOLATOR, 5.125"	1	ANTI-SEEZ ID & OD
14	51416	TAILCONE, 5.125"	1	
15	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
16	51418	SERVICE WIHIP ASSY	1	TORQUE TO 200FT-LB
17	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
18	9517	HEX DRIVER, 1/4"	1	FOR ITEM 9 - NOT SHOWN
19	51217	ASSY, SOCKET, 5.125" SHACKLE	1	FOR ITEM 3 - NOT SHOWN
20	80288	LIFTING STRAP, 5 1/8-12	2	NOT SHOWN
21	2114	DECAL, SMALL TOOL	1	NOT SHOWN
22	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
23	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0053 REV D

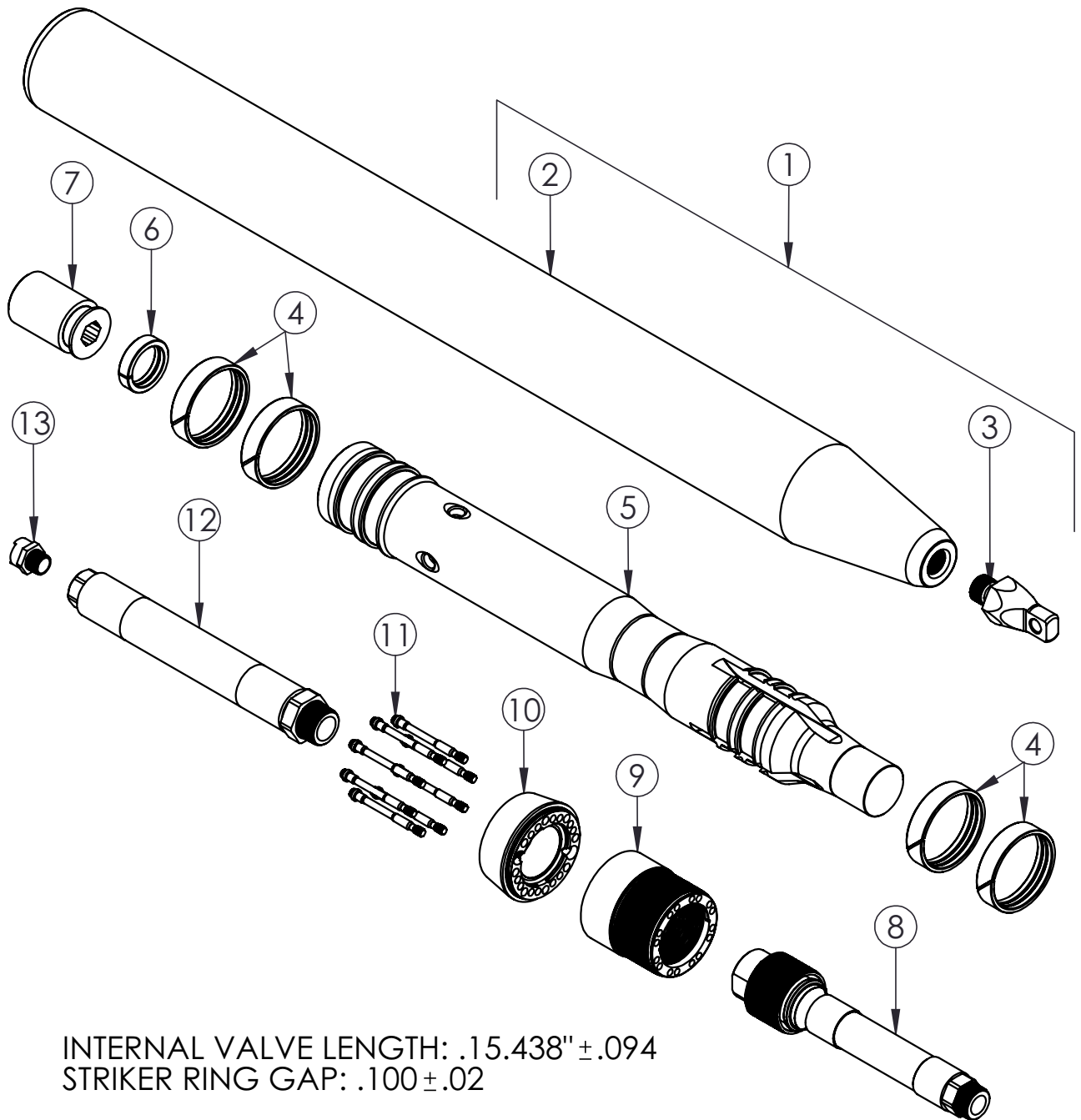
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5.125" (130 mm) SR, PN 51222

SR – SCREW REVERSE

EXPLODED VIEW



5.125" (130 mm) SR

HAMMERHEAD®

5.125" (130 mm) SR, PN 51222

SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51100	BODY ASSEMBLY 5 1/8" SR	1	INCLUDES ITEMS 2, 3 & 17 - 19
3	51402	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	51210	STRIKER RING, 5-1/8"	4	
5	51604	5-1/8" STRIKER	1	
6	51211	VALVE RING 5-1/8"	1	
7	51208	VALVE	1	LOCTITE 242 & TORQUE TO 175FT-LB
8	51226	VALVE END WHIP W/O VALVE	1	ANTI-SEEZ THREADS
9	51205	REAR ANVIL - 5 1/8"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
10	51206	TAILCONE 5-1/8"	1	
11	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
12	51227	SERV. WHIP ASSEM.	1	TORQUE TO 200FT-LB
13	1007	3/4" BOWES-3/4" MNPT	1	TORQUE TO 90FT-LB
14	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 11 - NOT SHOWN
15	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
16	51259	1-1/8" HEX KEY	1	FOR ITEM 7 - NOT SHOWN
17	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
18	2101	DECAL, BOX	1	NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN

924-0031 REV C

5.125" (130 mm) SR

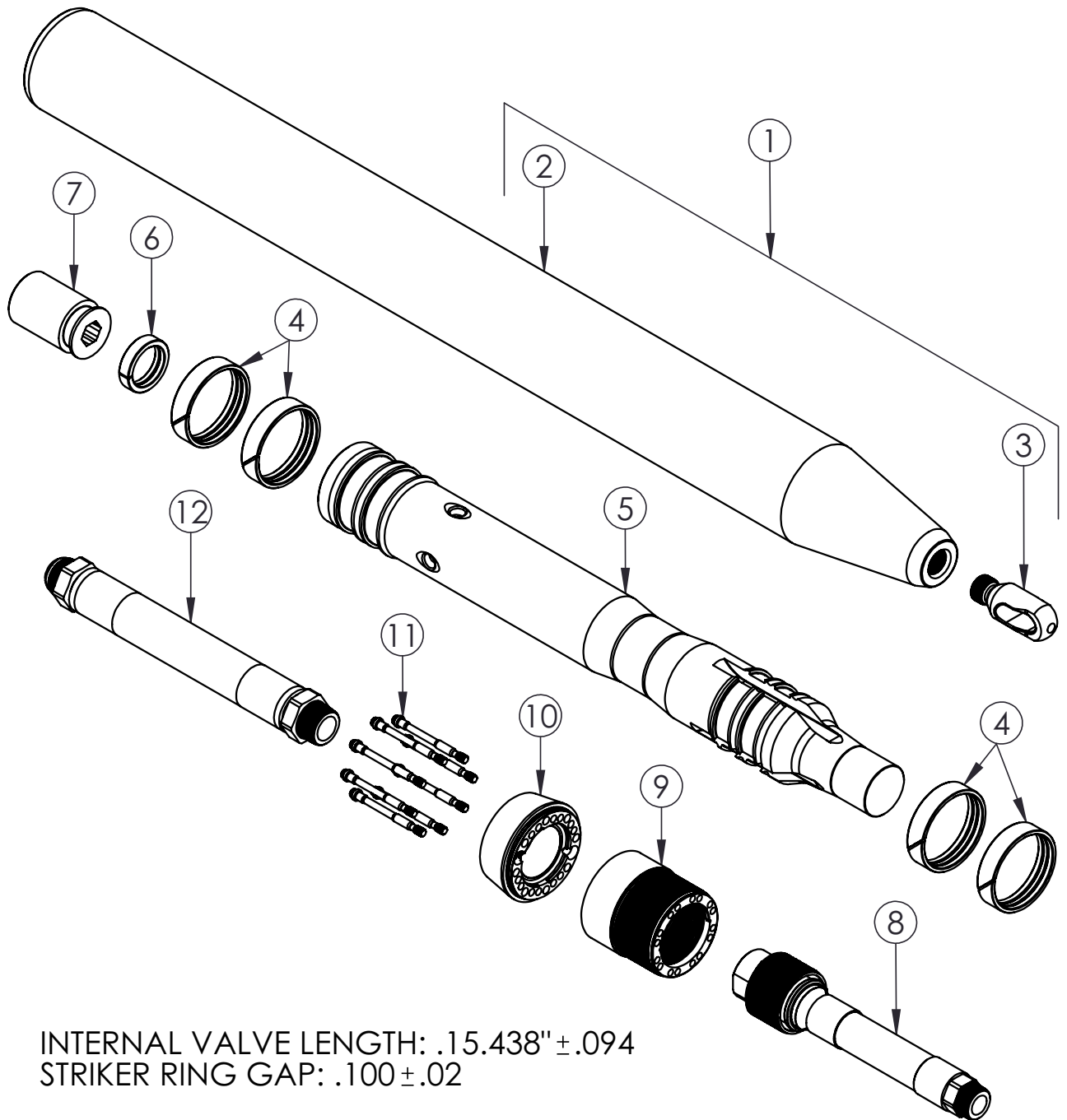
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5.125" (130 mm) SR BURSTING TOOL, PN 51122

SR – SCREW REVERSE

EXPLODED VIEW



INTERNAL VALVE LENGTH: $.15.438" \pm .094$
STRIKER RING GAP: $.100 \pm .02$

5.125" (130 mm) SR BURSTING TOOL, PN 51122

SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51103	BODY ASSY 5 1/8, SR BURSTING	1	INCLUDES ITEMS 2, 3 & 17 - 19
3	51401	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	51210	STRIKER RING, 5-1/8"	4	
5	51604	5-1/8" STRIKER	1	
6	51211	VALVE RING 5-1/8"	1	
7	51208	VALVE	1	LOCTITE 242 & TORQUE TO 175FT-LB
8	51226	VALVE END WHIP W/O VALVE	1	ANTI-SEEZ THREADS
9	51205	REAR ANVIL - 5 1/8"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
10	51206	TAILCONE 5-1/8"	1	
11	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
12	51230	SERV. WHIP ASSEM.	1	TORQUE TO 200FT-LB
13	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 11 - NOT SHOWN
14	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
15	51259	1-1/8" HEX KEY	1	FOR ITEM 7 - NOT SHOWN
16	51217	ASSY, SOCKET, 5.125" SHACKLE	1	FOR ITEM 3 - NOT SHOWN
17	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
18	2101	DECAL, BOX	1	NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN

924-0030 REV C

5.125" (130 mm) SR BURSTING TOOL

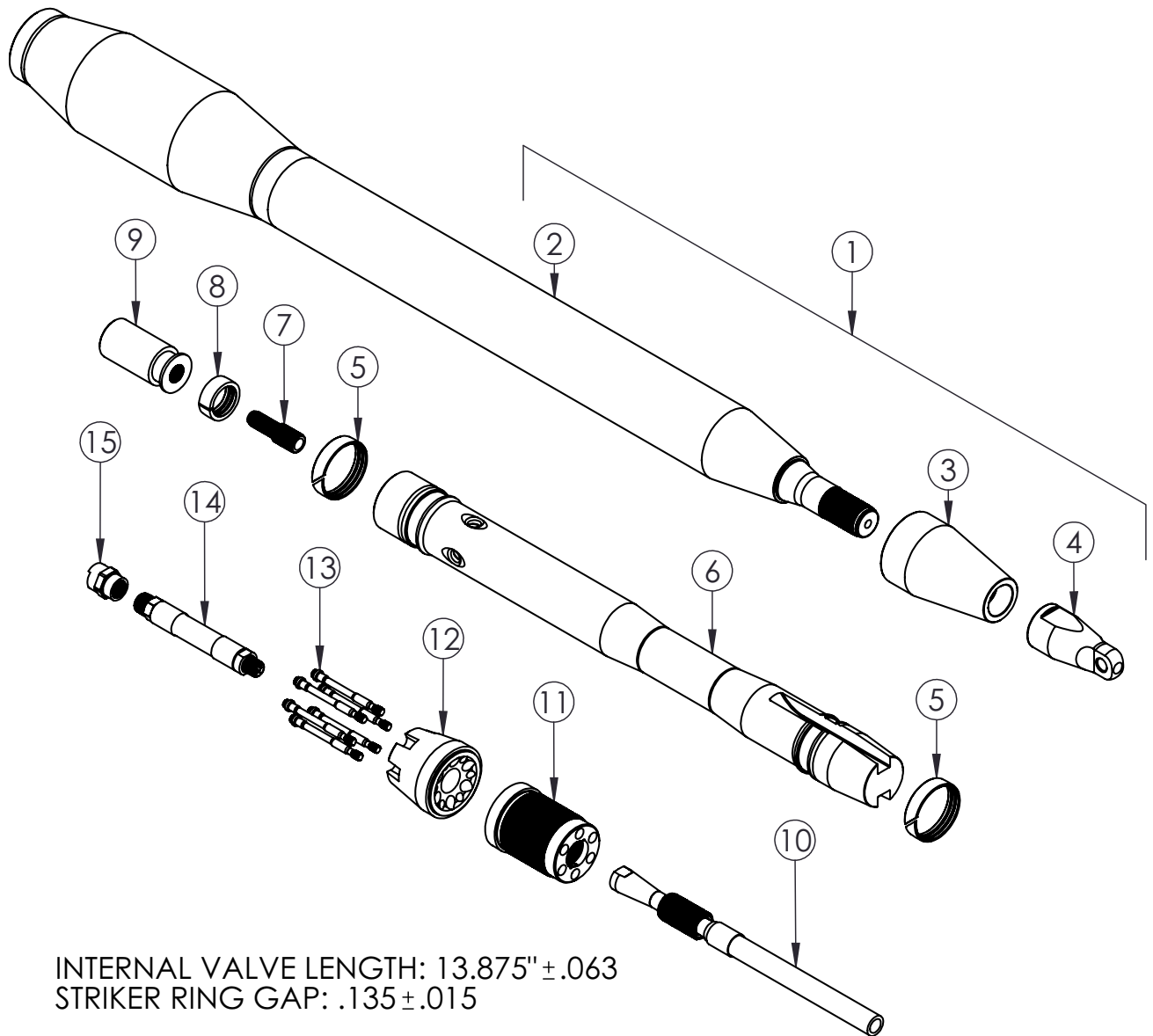
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Trenchless Equipment, parts and accessories.

5.50" (140 mm) RH SR BU, PN 58222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, BU – BULBED

EXPLODED VIEW



5.50" (140 mm) RH SR BU

HAMMERHEAD®

5.50" (140 mm) RH SR BU, PN 58222

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, BU – BULBED

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	58200	BODY ASSY., 5 1/2" RH SR	1	INCLUDES ITEMS 2, 3, 4 & 19 & 20
3	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
4	38207	ANVIL NUT	1	ANTI-SEEZ & TORQUE TO 600FT-LB
5	38208	STRIKER RING, 3 7/8"	2	
6	41204	STRIKER	1	
7	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
8	37211	VALVE RING 3-7/8"	1	
9	37208	VALVE, 3-7/8"	1	
10	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
11	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
12	37206	TAILCONE	1	
13	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
14	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
15	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
16	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 13 - NOT SHOWN
17	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 7 - NOT SHOWN
18	40357	SOCKET, FRONT ANVIL NUT	1	FOR ITEM 4 - NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN
20	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0032 REV C

5.50" (140 mm) RH SR BU

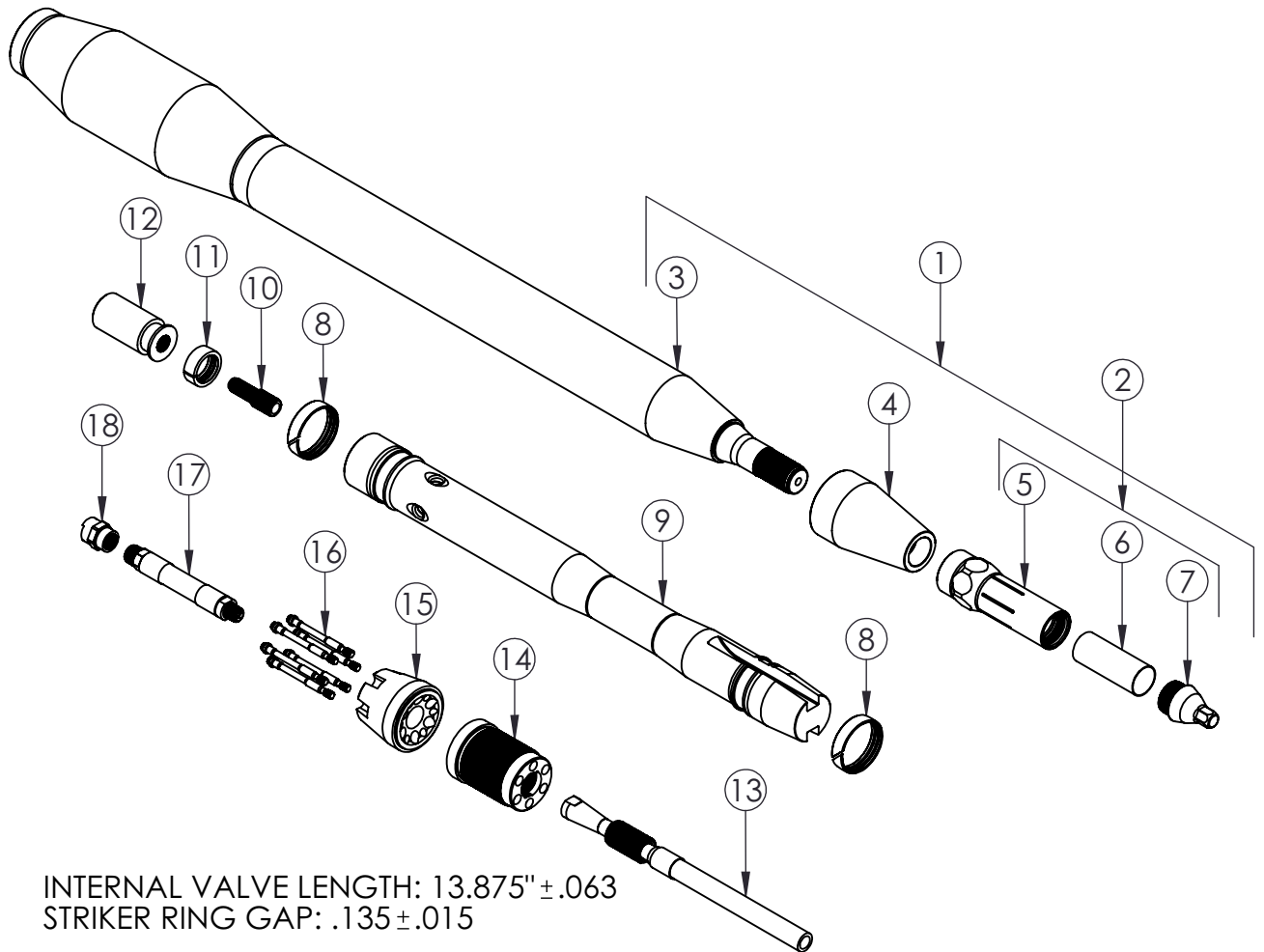
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Trenchless Equipment, parts and accessories.

5.50" (140 mm) RH SR BU MT, PN 58122

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, BU – BULBED, MT – MOLETRAC

EXPLODED VIEW



5.50" (140 mm) RH SR BU MT

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5.50" (140 mm) RH SR BU MT, PN 58122

RH – REPLACEABLE HEAD, SR – SCREW REVERSE, BU – BULBED, MT – MOLETRAC

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	58205	BODY ASSY 5.5" SR MT	1	INCLUDES ITEMS 3-7 & 23 & 24
2	30733	3.5" & 4.0" SONDE KIT	1	INCLUDES ITEMS 5-7, SEE MOLETRAC INSTR. SHEET 1152
4	38206	WEAR FACE, 3 7/8"	1	FACTORY REPLACEABLE
6	30730	SONDE SLEEVE	1	
7	30731	ASSY, SONDE CAP	1	SEE MOLETRAC INSTRUCTION SHEET 1152
8	38208	STRIKER RING, 3 7/8"	2	
9	41204	STRIKER	1	
10	40209	VALVE RETAINER	1	ANTI-SEEZ & TORQUE TO 75FT-LB
11	37211	VALVE RING 3-7/8"	1	
12	37208	VALVE, 3-7/8"	1	
13	40226	INTERNAL WHIP	1	ANTI-SEEZ THREADS
14	40205	REAR ANVIL - 4"	1	ANTI-SEEZ & BACK OFF 1/8 TURN
15	37206	TAILCONE	1	
16	30221	TAILBOLT	6	ANTI-SEEZ & TORQUE TO 35FT-LB
17	40227	SERV. REAR WHIP	1	TORQUE TO 60FT-LB
18	40214	PNEUMATIC FITTING	1	TORQUE TO 90FT-LB
19	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 16 - NOT SHOWN
20	40259	HEX KEY, 1/2" LONG ARM	1	FOR ITEM 10 - NOT SHOWN
21	35049	SOCKET, 3.5" & 4.0" SONDE HOUSING	1	FOR ITEM 5 - NOT SHOWN
22	30741	SOCKET, 3/4" DRIVE, 22MM	1	FOR ITEM 7 - NOT SHOWN
23	2114	DECAL, SMALL TOOL	1	NOT SHOWN
24	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN

924-0045 REV D

5.50" (140 mm) RH SR BU MT

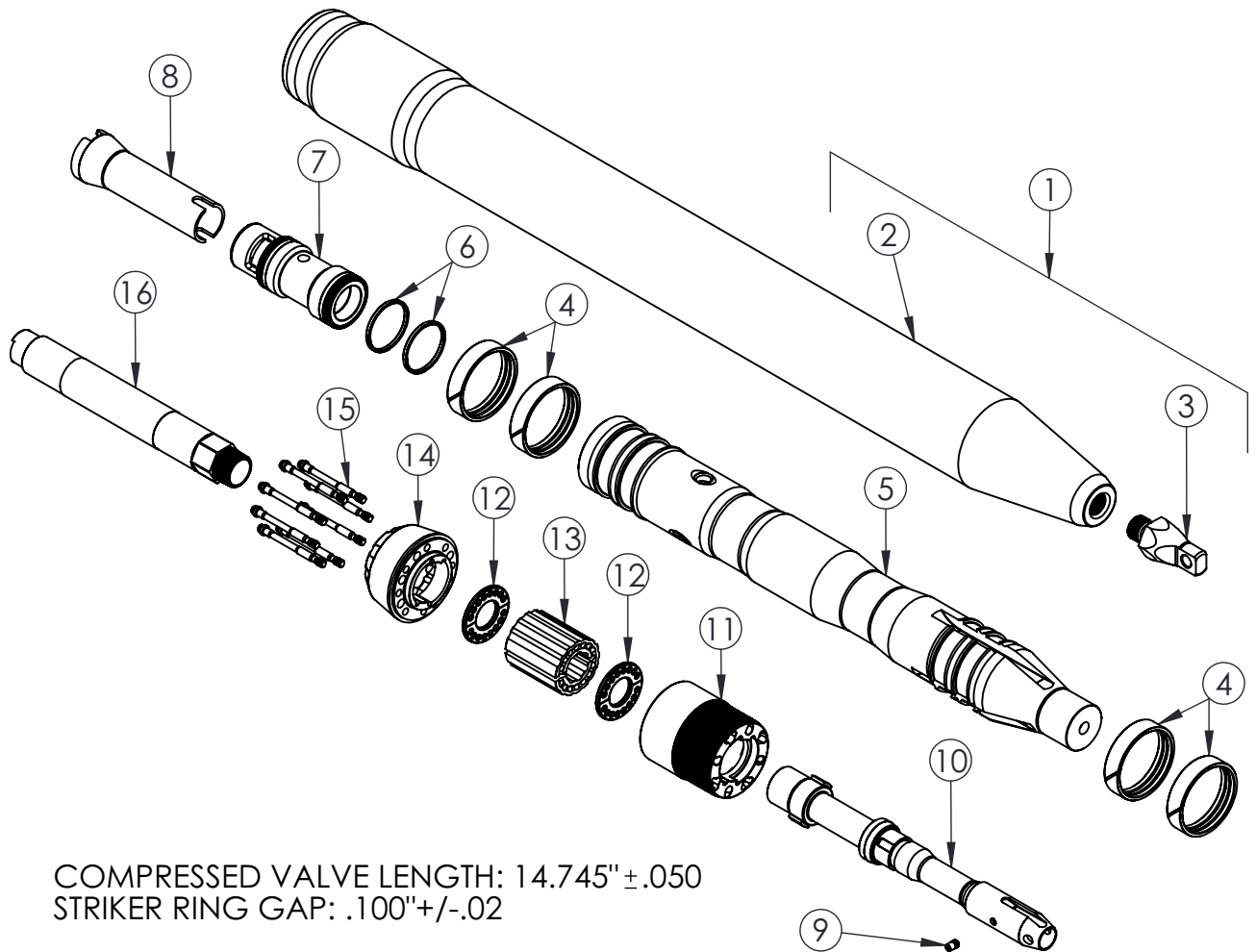
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Trenchless Equipment, parts and accessories.

5.625" (143 mm) PP BU, PN 51722

PP – POWER PORT, BU – BULBED

EXPLODED VIEW



5.625" (143 mm) PP BU

HAMMERHEAD®

5.625" (143 mm) PP BU, PN 51722

PP – POWER PORT, BU – BULBED

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	51701	BODY ASSEMBLY 5.625" PP	1	INCLUDES ITEMS 2, 3 & 20-22
3	51402	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	51210	STRIKER RING, 5.125"	4	
5	51409	5.125" PP STRIKER	1	
6	51423	VALVE RING REPLACEMENT KIT, 5.125"	1	INCLUDES TWO RINGS & COMPRESSOR
7	51424	VALVE REPLACEMENT KIT, 5.125"	1	INCLUDES VALVE, RINGS & COMPRESSOR
8	51410	CONTROL SLEEVE 5.125"	1	
9	43215	CONTROL STUD	1	ANTI-SEEZ & TORQUE TO 90IN-LB
10	51420	CONTROL STEM, 5.125"	1	
11	51415	REAR ANVIL, 5.125"	1	ANTI-SEEZ & HAND TIGHT TO BACK OF BODY
12	51417	SPACER, SPLIT 5.125"	2	
13	51408	ISOLATOR, 5.125"	1	ANTI-SEEZ ID & OD
14	51416	TAILCONE, 5.125"	1	
15	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
16	51418	SERVICE WIHIP ASSY	1	TORQUE TO 200FT-LB
17	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 15 - NOT SHOWN
18	9517	HEX DRIVER, 1/4"	1	FOR ITEM 9 - NOT SHOWN
19	80288	LIFTING STRAP, 5 1/8-12	2	NOT SHOWN
20	2114	DECAL, SMALL TOOL	1	NOT SHOWN
21	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
22	923-1877	DECAL, PATENTS	1	NOT SHOWN

924-0064 REV A

5.625" (143 mm) PP BU

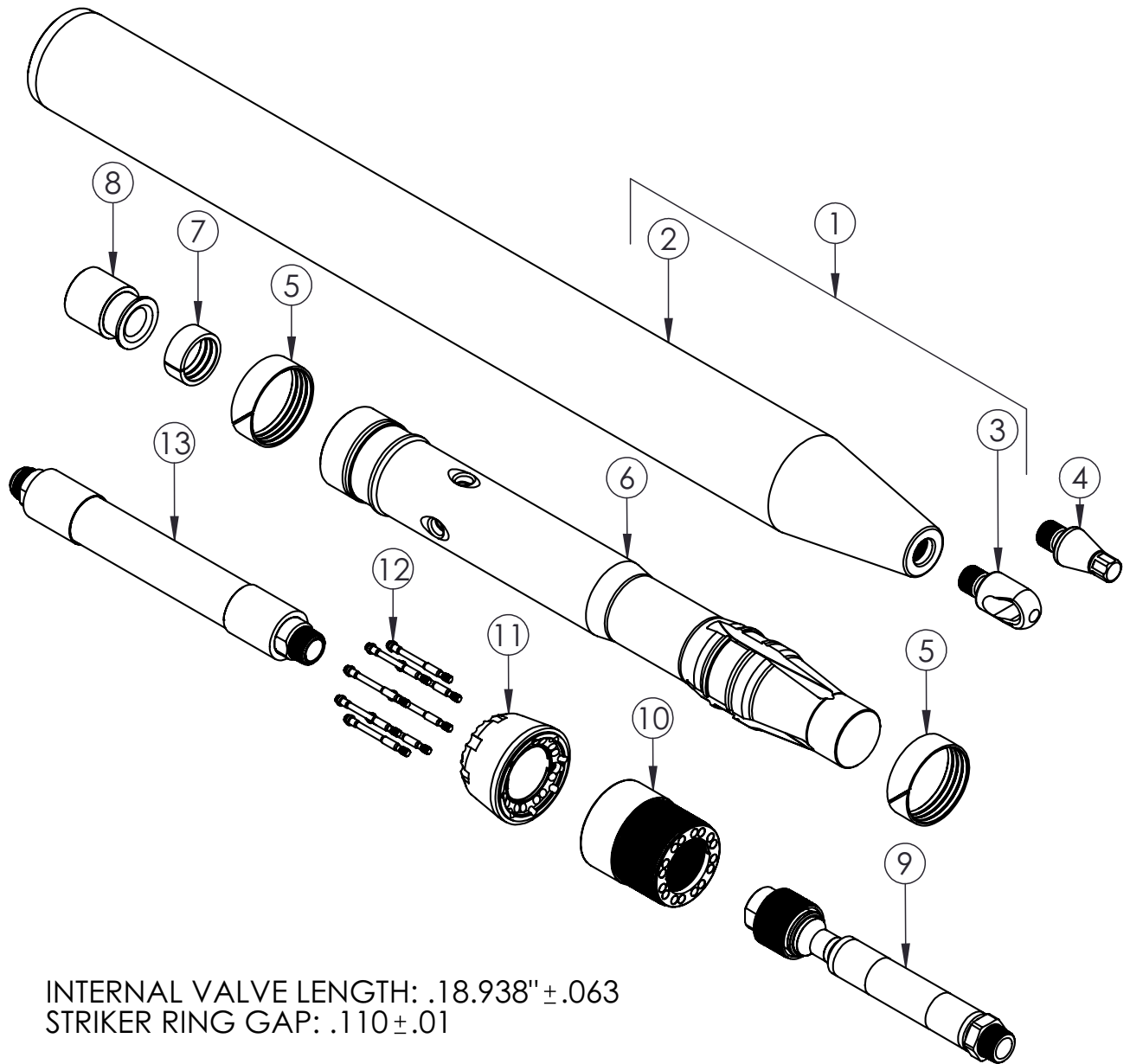
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5.75" (145 mm) SR, PN 60222

SR – SCREW REVERSE

EXPLODED VIEW



5.75" (145 mm) SR

HAMMERHEAD®

5.75" (145 mm) SR, PN 60222

SR – SCREW REVERSE

PARTS LIST

ITEM	PART NUMBER	DESCRIPTION	QTY.	REMARKS
1	60100	BODY ASSY-5-3/4" SR	1	INCLUDES ITEMS 2, 3 & 17 - 19
3	70244	SHACKLE MOUNT	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
4	70245	PLUG-TAPERED	1	ANTI-SEEZ & TORQUE TO 400FT-LB (LEFT HAND THREAD)
5	60210	STRIKER RING, 5 3/4"	2	
6	60504	5-3/4" STRIKER	1	
7	60211	VALVE RING 5-3/4"	1	
8	61208	SERVICEABLE VALVE	1	LOCTITE 242 & TORQUE TO 200FT-LB
9	61226	VALVE END WHIP W/O VALVE	1	ANTI-SEEZ THREADS
10	60205	REAR ANVIL	1	ANTI-SEEZ & BACK OFF 1/8 TURN
11	60206	TAILCONE 5-3/4"	1	
12	30221	TAILBOLT	8	ANTI-SEEZ & TORQUE TO 35FT-LB
13	60227	SERV. REAR WHIP	1	TORQUE TO 200FT-LB
14	30260	SOCKET, 3/8" 12-POINT	1	FOR ITEM 12 - NOT SHOWN
15	80288	LIFTING STRAP 5 1/8-12	2	NOT SHOWN
16	51619	ASSY, SOCKET, SHACKLE	1	FOR ITEM 3 - NOT SHOWN
17	2115	DECAL, HAMMERHEAD 12" RED	1	NOT SHOWN
18	2101	DECAL, BOX	1	NOT SHOWN
19	2114	DECAL, SMALL TOOL	1	NOT SHOWN

924-0033 REV C

5.75" (145 mm) SR

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