

Hydraulic Rotary Hammer Drill

Type 2 2426 0010

Techn. Doc. No. 262



Illustration can differ from the original

Repair Manual and Spare Parts List

Repair

Disassemble the tool until only if you are skilled and have the appropriate technical knowledge. Problems could be in the hydraulic power supply, the gearbox module, or the power and control (rear) module. Then only disassemble the tool as necessary to repair as required.

Keep contaminants such as dirt and grit away from the internal parts at all times.

Always determine and correct the cause of the problem prior to re-assembly. Further wear and tool failure can result, if the original cause is not corrected.

Prior to disassembly

Clean the exterior of the tool.

Make sure to have all new seals so they can be replaced during reassembly. Note the orientation of seals before removal. Install new seals in the same position as the original seals.

Note: For orientation of the parts refer to the sectional drawing and parts list located at the end of this manual.

Re-assembly

Before starting the re-assembly check all parts for wear and damage and replace them if necessary. Generally replace wear parts always (O-rings, radial shaft sealings and bearings).

Grease the items 412, 417, 418, 419, 424, 425, 431, 433, 436, 437, 439, 443, 444, 445, 455 und 456 with grease 20g Spitznas part number 9 9902 0250 and oil the items 405, 408, 409, 413, 446 und 458 with oil SAE 5W to 10W.

Use the mounting device Spitznas part number 2 2404 9810 for the assembly of the slipping clutch, assy. item 425. Use the testing device Spitznas number 2 2404 9840 for testing.

Fill the drive unit with 50 ml of oil Spitznas part number 9 9902 0020 before mounting the cover item 415.

We recommend changing the grease in the gear housing after 300 hours of operation. Use a special-purpose gear grease only:

Consistency class (DIN 51818)	2
Saponification type	Lithium
Worked penetration	265 to 295
Temperature range	-25°C to +125°C

The proper quantity of grease is very important from the point of good lubrication and low heat generation.

Spare Parts

Only original spare parts may be used. There is no warranty for damages and liability is disclaimed, if non-original spare parts and accessories are used.

Spare Part List					
Description:			Part and drawing number:		
Hydraulic Rotary Hammer Drill			2 2426 0010		
Item	Qty.	Description	Part and drawing no.		Remarks
	1	Output unit, assy.	2 2426 7000		see extra list
	1	Hydraulic motor	2 2426 1000		see extra list
	1	Handle, assy.	2 2406 7000		see extra list
	1	Connection lug	2 2406 6040		
	2	Counter sunk screw	9 1113 3010		
	1	Socket head screw	9 1110 3120		
	1	Socket head screw	9 1112 5120		
	1	Gasket	9 1903 0270	*	
	1	Second handle, assy.	2 2408 6900		see extra list
	1	Cooling pipe	2 2404 9200		see extra list
	1	Hydraulic hose set	2 2406 9010		
	1	Carrying case	9 9910 0060		
	1	Multi-Oil Spray	9 9902 0120		
	1	Type label	9 3101 0410		
	2	Round head grooved pin	9 1628 0040		
	1	Sign	9 3101 0570		
	1	Sticker	9 3104 0380		
		* Wear parts to be stored in case of continuous			
		use			

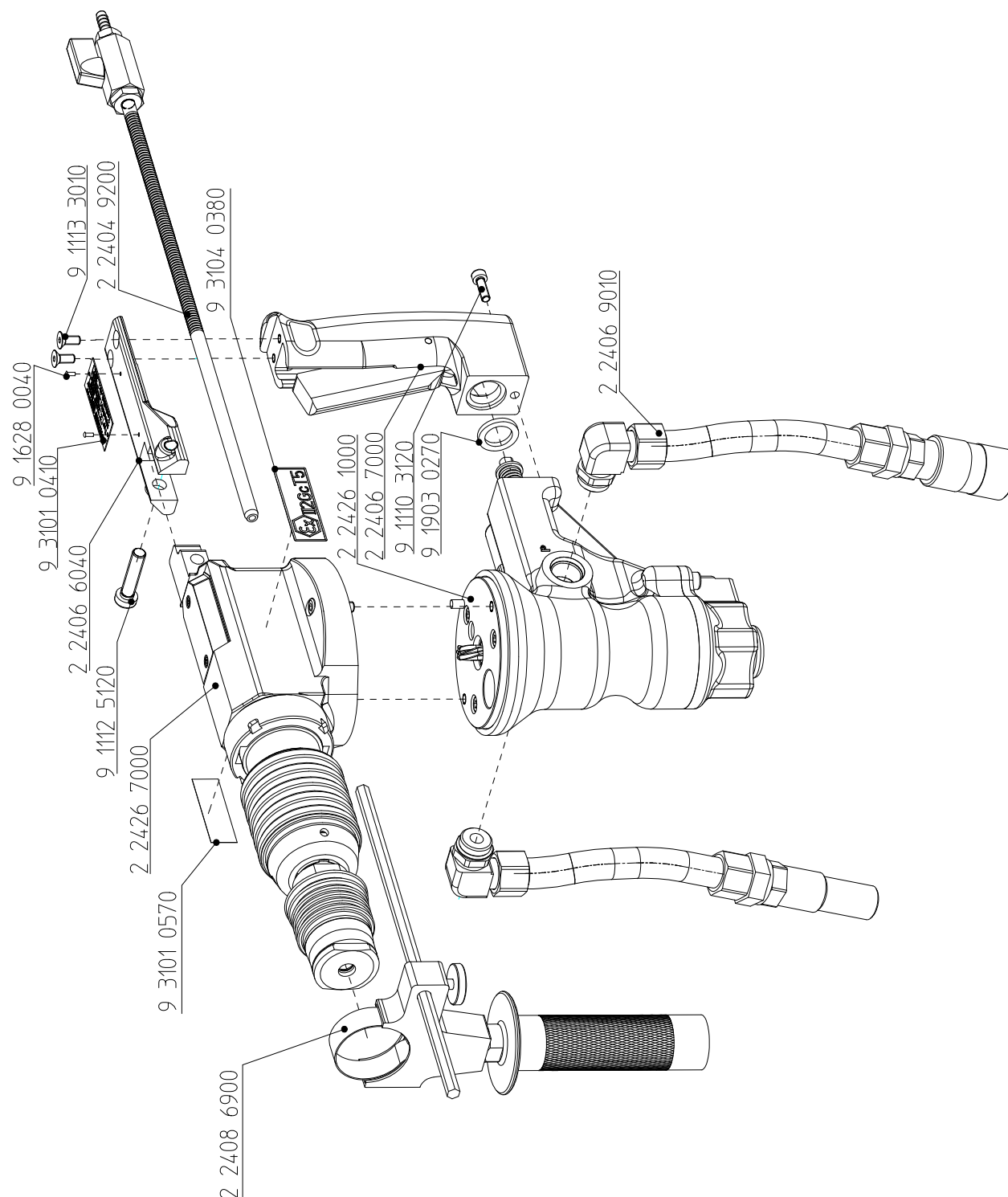
Spare Part List

Description:

Hydraulic Rotary Hammer Drill

Part and drawing number:

2 2426 0010



Spare Parts List

Description:

Output unit, assy.

Part and drawing number:

2 2426 7000

Item	Qty.	Description	Part and Drawing no.		Remarks
401	1	Gearbox housing	2 2404 4010		
402	1	Tension sleeve	2 2404 8100		
403	1	Sliding sleeve	2 2404 7130		
404	1	Bushing	2 2404 7140		
405	1	Feather key	9 1506 9240		
407	1	Shifter sleeve, assy.	2 2404 8940		
408	1	Cylinder, assy.	2 2404 8920		
409	1	Impact piston	2 2404 4540		
410	1	Nut	2 2404 8240		
411	1	End piece	2 2404 7010		
412	1	Bevel gears	2 2404 4400		
413	1	Piston	2 2404 4520		
414	1	Piston pin, assy.	2 2404 4960		
415	1	Cover	2 2404 4090		
416	1	Crankshaft	2 2404 4550		
417	2	Roller	2 2404 4570		
418	1	Gear pinion	2 2404 4040		
419	1	Bushing	2 2404 8080		
420	1	Output shaft	2 2404 8090		
421	1	Sealing	2 2404 4190		
422	1	Output unit housing	2 2404 8010		
423	1	Connecting rod	2 2426 4530		
424	1	Shaft seal	9 1905 0540	*	
425	1	Slip clutch, assy.	2 2404 4920		
426	1	O-ring	9 1901 3500	*	
427	2	O-ring	9 1901 3290	*	
428	1	O-ring	9 1921 2140	*	
429	1	Pressure spring	9 1803 4190		
430	1	Feather key	9 1501 1140		
431	4	Roller	2 2404 4580		
432	1	O-ring	9 1901 5940	*	
433	1	Scraper	9 1908 1780		

Spare Parts List

Description:

Output unit, assy.

Part and drawing number:

2 2426 7000

Item	Qty.	Description	Part and Drawing no.		Remarks
434	1	Pressure spring	9 1807 0210		
435	1	Feather key	9 1501 1040		
436	1	Needle sleeve	9 1014 0450	*	
437	1	Needle sleeve	9 1014 0010	*	
438	2	Socket head screw	9 1112 2020		
439	1	Grooved ball bearing	9 1004 0010	*	
440	1	Snap ring	9 1703 0080		
441	1	O-ring	9 1901 3270	*	
442	1	Snap ring	9 1703 0130		
443	1	Grooved ball bearing	9 1003 0050	*	
444	1	Grooved ball bearing	9 1003 0020	*	
445	1	Grooved ball bearing	9 1001 0070	*	
446	1	O-ring	9 1901 7020	*	
448	1	Snap ring	9 1702 0050		
449	1	Snap ring	9 1702 0040		
450	1	O-ring	9 1901 5970	*	
451	2	Socket head-screw	9 1110 4030		
452	2	Sealing U-shape	9 1908 1930		
453	2	Sealing U-shape	9 1908 1950	*	
454	1	O-ring	9 1901 2610	*	
455	1	Sliding bearing	9 1029 0130	*	
456	1	Shaft sealing ring	9 1905 1580	*	
457	1	Snap ring	9 1702 0020		
458	1	O-Ring	9 1901 4070	*	
		* Wear parts to be stored in case of			
		continuous use!			

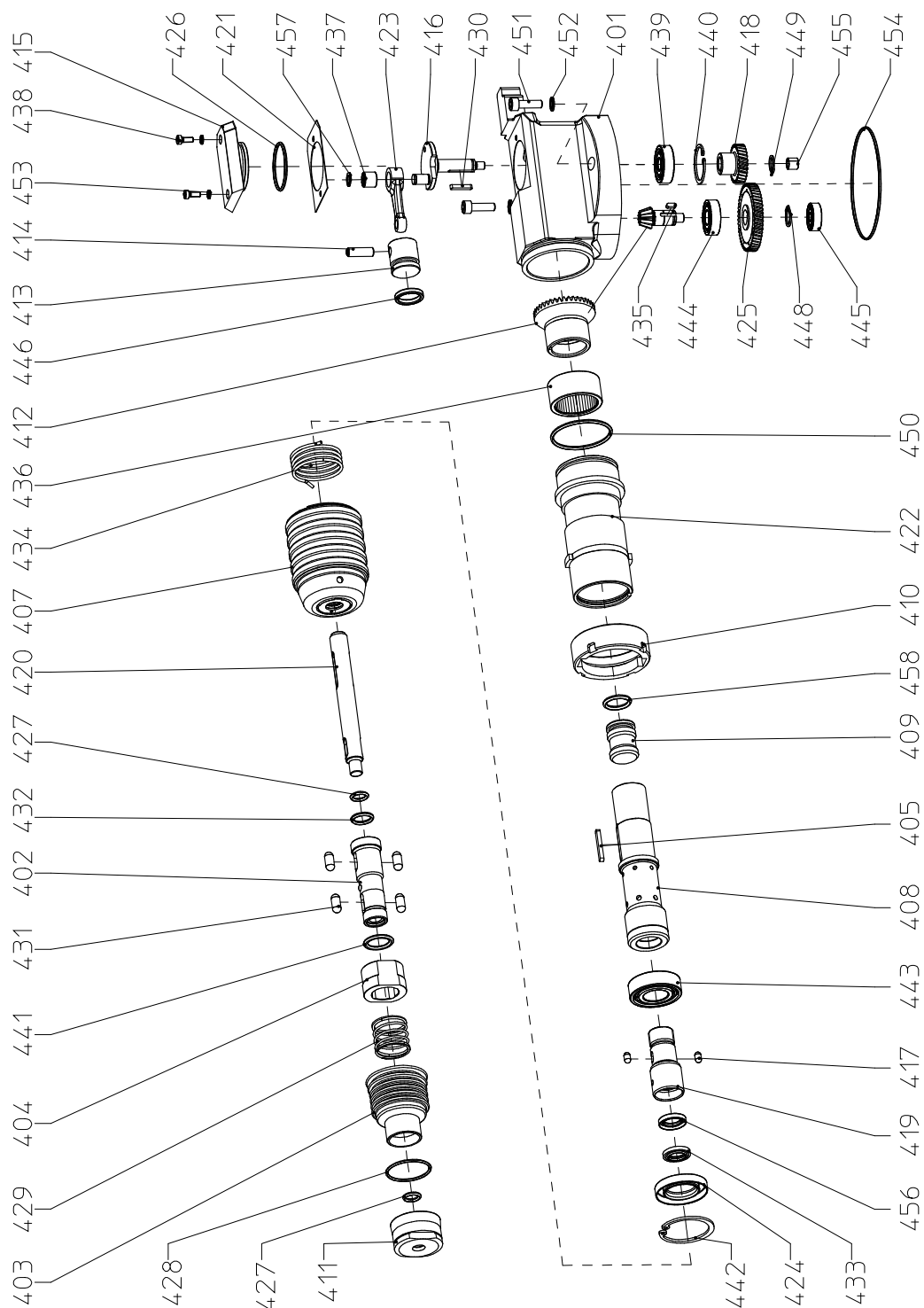
Spare Parts List

Description:

Output unit, assy.

Part and drawing number:

2 2426 7000



Spare Part List

Description:			Part and drawing number:		
Hydraulic Motor			2 2426 1000		
Item	Qty.	Description	Part and drawing no.		Remarks
100	1	Hydraulic motor	9 5501 0130		with item 104-114
104	1	Shaft sealing ring	9 1925 0450	*	
106	1	Axial disc	9 1024 0360	*	
107	1	Axial thrust bearing	9 1024 0370	*	
108	1	Spacer	9 5501 0040		
109	1	Carrier	9 5501 0140		
110	1	Drive shaft	9 5501 0150		
111	3	O-ring	9 1921 1240	*	
112	1	Cover disc	9 5501 0070		
113	1	Geroler element	9 5501 0160		
114	1	Rotary slide	9 5501 0090		
115	1	Bushing	9 1029 0530		
151	1	Housing, assy.	2 2406 1910		with item 115
152	1	Motor cover, assy.	2 2407 1930		with item 172
153	1	Centring cover, assy,	2 2406 1940		
154	1	Pinion shaft	2 2406 4170		
155	1	Gear rim	2 2406 4020		
156	1	Pinion	3 8837 4360		
157	2	Planet carrier, assy.	3 8837 4920		
158	6	Planet wheel	3 8837 4140		
159	6	Needle cage	9 1015 0790		
160	2	Grooved ball bearing	9 1001 0050	*	
161	1	Washer	2 2406 4150		
162	1	Snap ring	9 1702 0030		
163	1	Snap ring	9 1703 0040		
164	2	Cylinder pin	9 1619 1350		
165	3	Socket head screw	9 1110 4010		
166	3	Gasket	9 1903 1250	*	
167	2	Cylinder pin	9 1619 0450		
168	1	Driver shaft	2 2406 1050		
169	5	Socket head screw	9 1110 4160		

Spare Part List

Description:			Part and drawing number:		
Hydraulic Motor			2 2426 1000		
Item	Qty.	Description	Part and drawing no.		Remarks
170	2	O-ring	9 1921 4410	*	
171	2	Plug	9 3401 1060	*	
172	2	Threaded pin	9 1140 5080		
173	2	Socket head screw	9 1110 4030		
301	1	Governor sleeve	2 1317 3310		
302	1	Glate	5 1220 3050		
303	1	Washer	9 3302 0030		
304	1	Pressure spring	9 1803 3590		
305	1	Locking washer	9 1706 0140		
	1	Valve inert, assy.	2 1317 3300		item 307-326
307	1	Snap ring	9 1703 0260		
308	1	Socket head screw	9 1110 2090		
309	1	Washer	9 3302 0150		
310	1	Governor piston valve	2 1317 3320		
311	1	Spring plate	2 1317 3070		
312	1	Slide	2 1317 3110		
314	1	Sleeve	2 1317 3090	*	
315	1	Guide	2 1317 3100		
317	1	Pressure spring	9 1803 1700		
318	1	Locking washer	9 1706 0180		
319	1	O-ring	9 1901 3290	*	
320	1	O-ring	9 1901 9800	*	
321	1	O-ring	9 1901 2550	*	
322	1	Threaded pin	9 1148 3030		
323	1	O-ring	9 1901 6020	*	
326	1	O-ring	9 1901 2080	*	
327	1	Pressure control valve	9 5501 0560		
		*Wear parts to be stored in case of continuous			
		use			

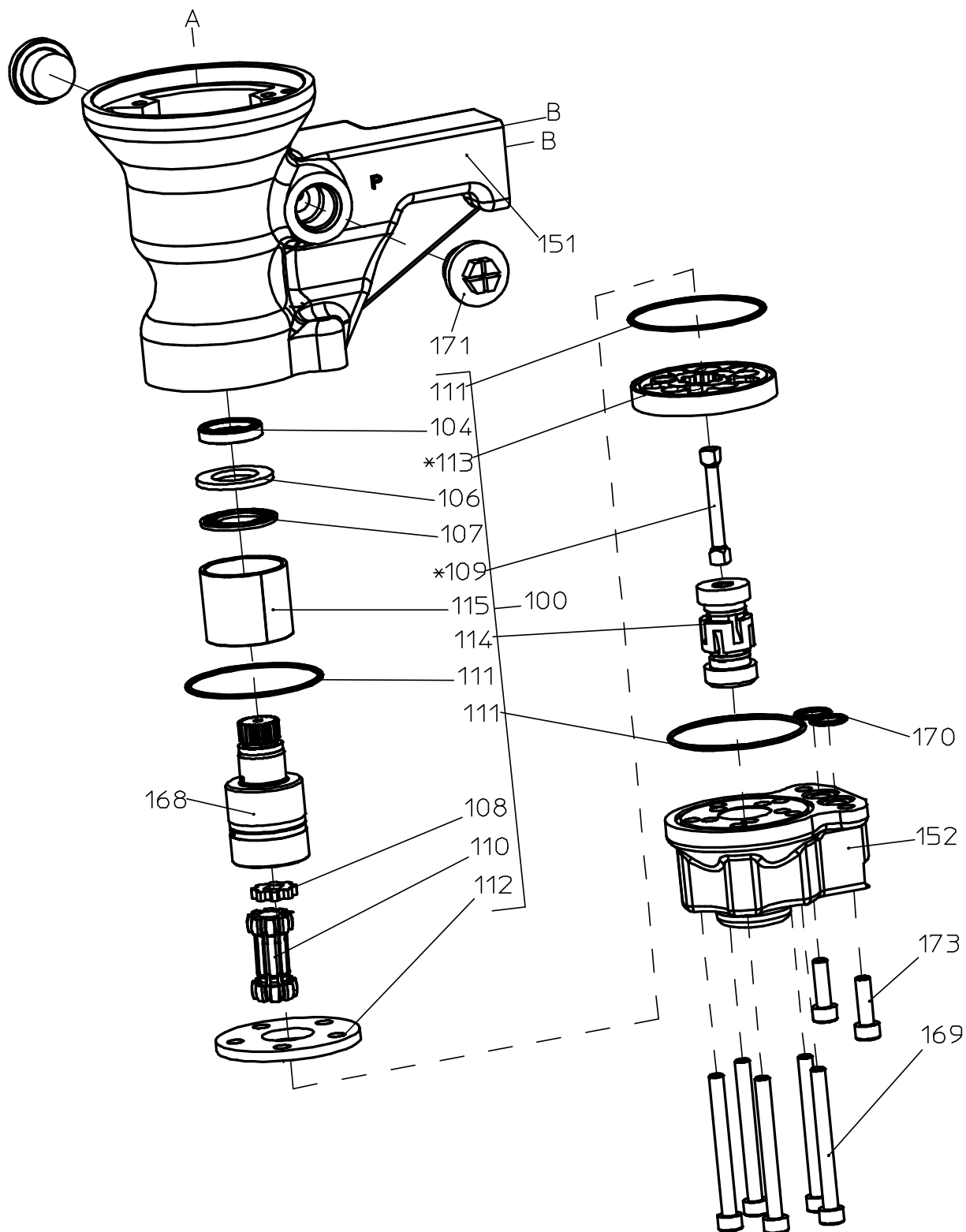
Spare Part List

Description:

Hydraulic Motor

Part and drawing number:

2 2426 1000



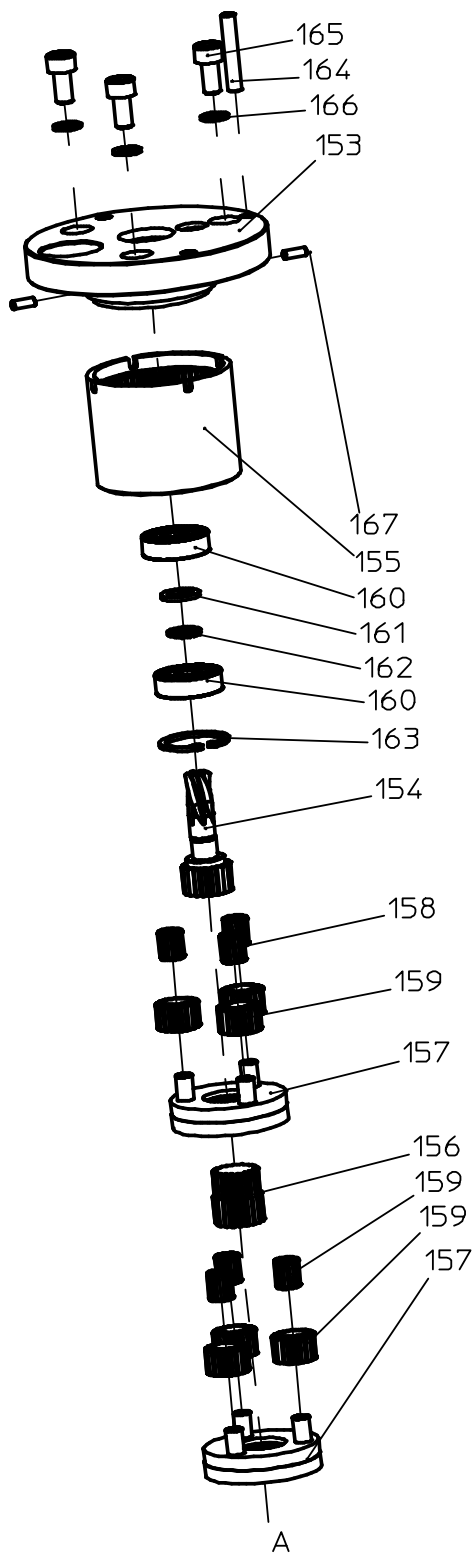
Spare Part List

Description:

Hydraulic Motor

Part and drawing number:

2 2426 1000



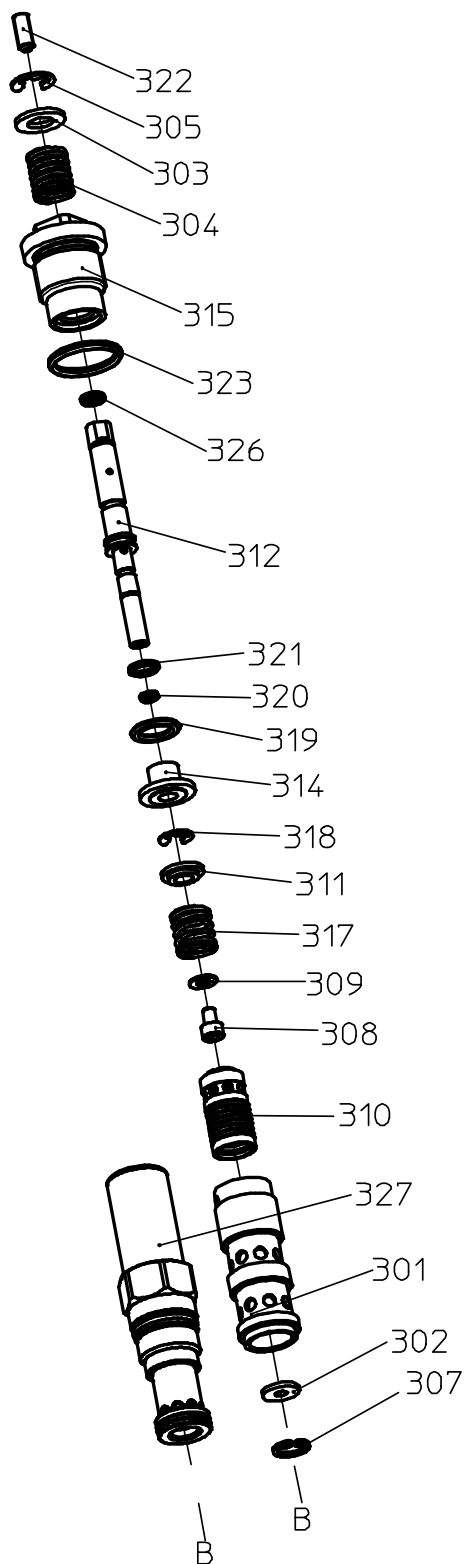
Spare Part List

Description:

Hydraulic Motor

Part and drawing number:

2 2426 1000



Spare Part List

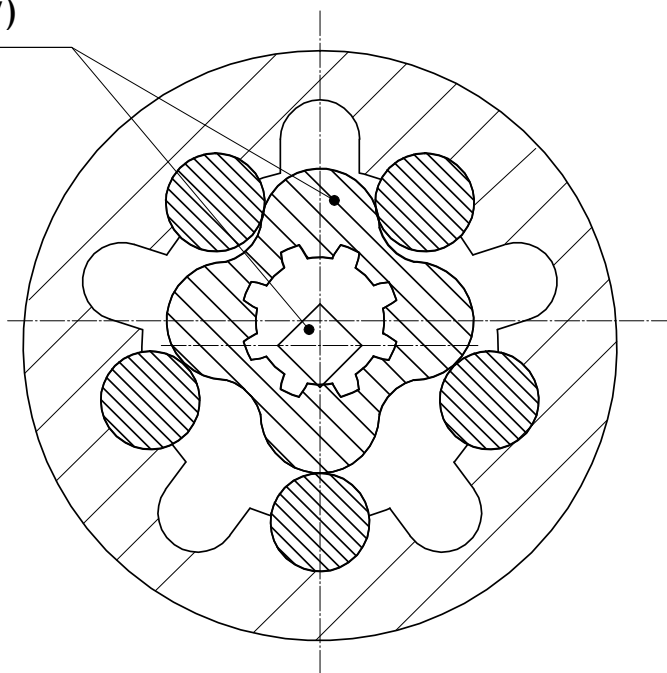
Description:

Hydraulic Motor

Part and drawing number:

2 2426 1000

✕ mind position of
rotor and square
(condition of delivery)



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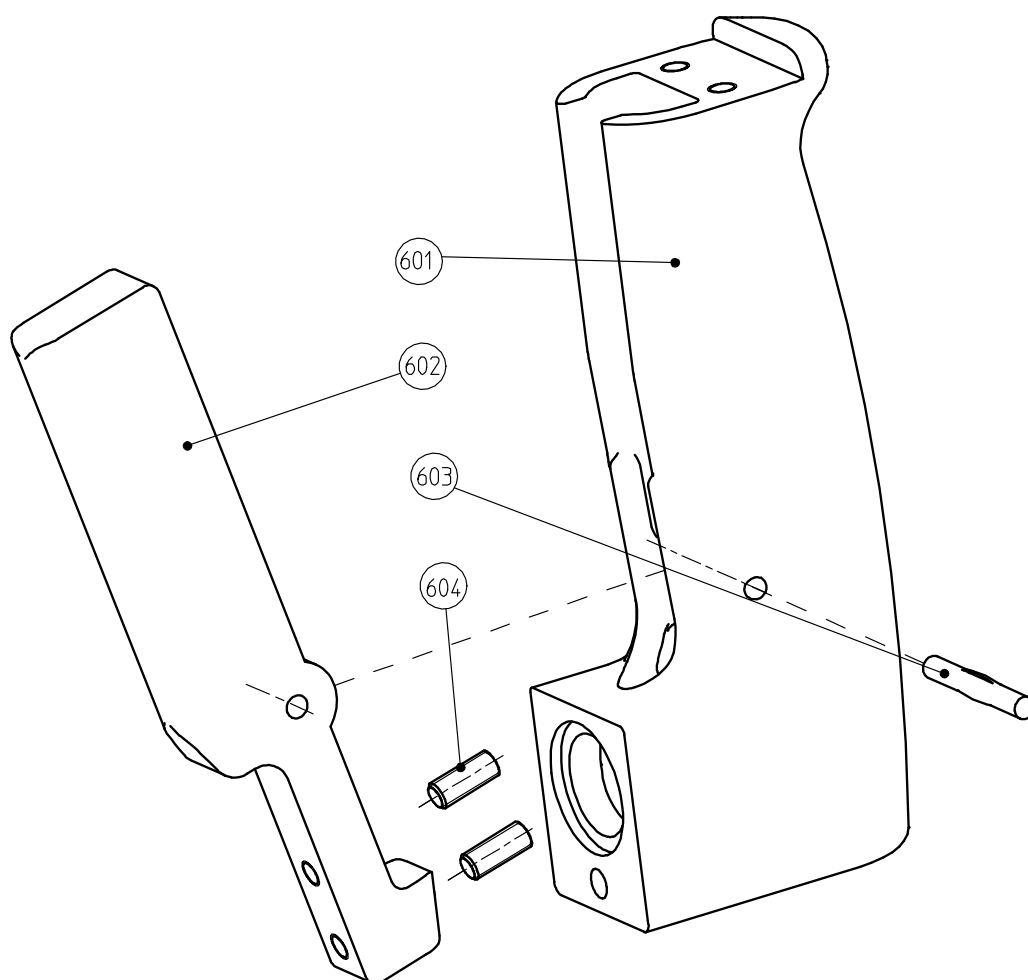
Spare Part List

Description:

Handle, assy.

Part and drawing number:

2 2406 7000



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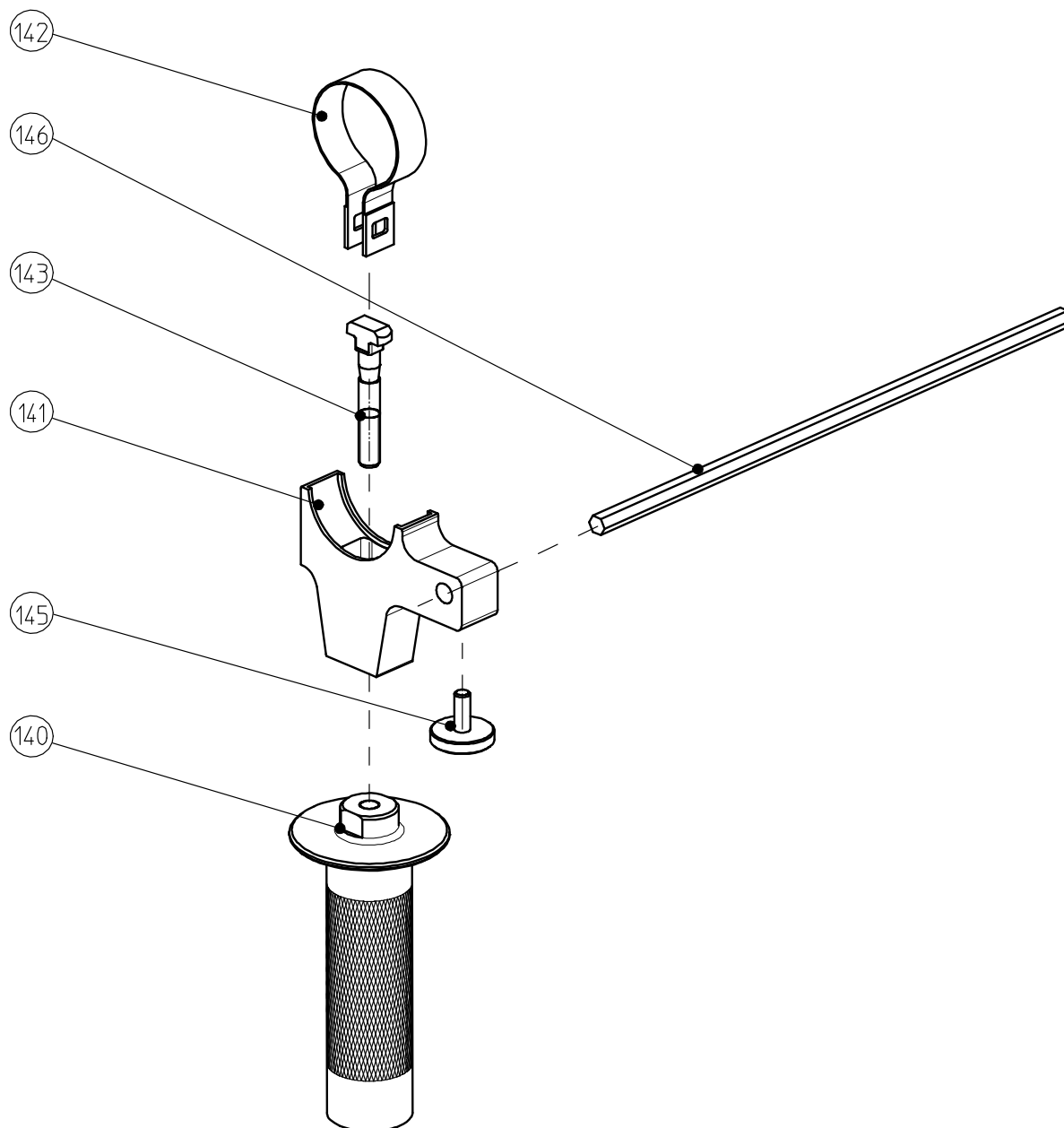
Spare Parts List

Description:

Second handle, assy.

Part and drawing number:

2 2408 6900



Description:

Part and drawing number:

2 2404 9200

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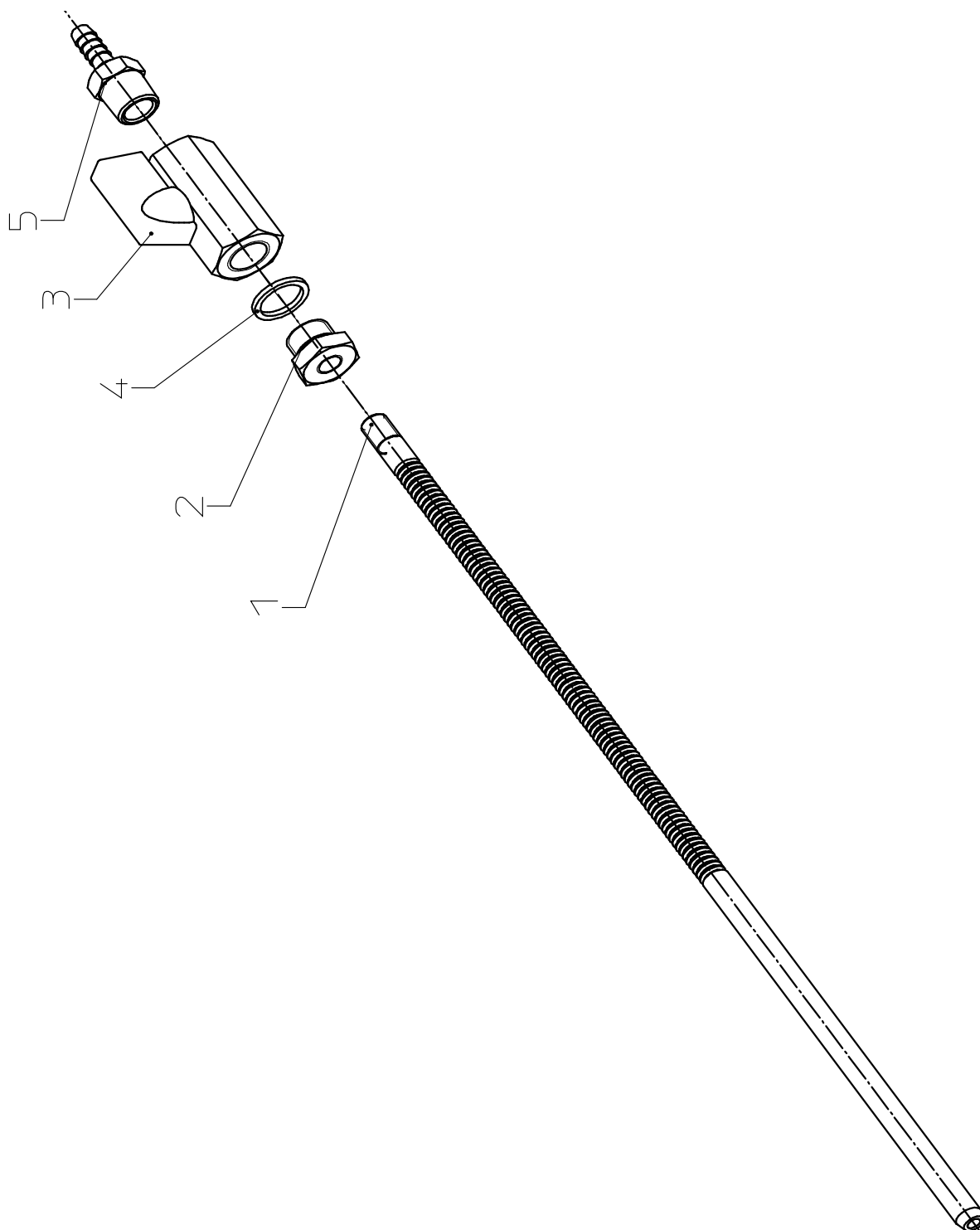
Spare Parts List

Description:

Cooling pipe, assy.

Part and drawing number:

2 2404 9200





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