Spare Parts Catalogue

Spare parts catalogue **CR191116** - Revision: **0**

Valid for product serial no. **13172**

9T1000

Triplex mud pump

DRILLMEC S.p.A.
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a **TREVIGROUP** company

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IMPORTANT NOTICE: *Before using this information please check if updated releases has been made available on Drillmec Service & Parts Online Center -* ***http://spl.web.trevispa.com***

This document was printed on ***30 March 2011***

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Introduction

This catalogue has been designed to help you identify, locate and order replacement parts and to check the assembly position of the spare parts in stock.

- The catalogue contains instructions for consultation and ordering spare parts, the search indexes and the spare parts drawings themselves.
- Each machine is divided into several functional groups or assemblies and each functional group is in turn composed of one or more spare parts drawings, depending on its complexity.
- The index of functional groups or assemblies is therefore the main search key you should use to locate the illustration you want and the specific part you require.
- For further information, please contact the DRILLMEC Customer Service.

Description of spare parts drawings (legend)

A. Machine model name.

B. Machine serial number.

C. Code of spare parts catalogue.

D. Revision index of spare parts catalogue and related updating date.

E. Description of functional group.

F. Functional group number.

G. Description of spare parts drawing.

H. Code of spare parts drawing.

I. Revision index of spare parts drawing and related updating date.

J. Spare parts drawing (exploded drawing, technical drawing or photograph) complete with position numbers and references.

K. “Position” column: indicating the position numbers of the parts illustrated.

L. “Code” column: giving the DRILLMEC code numbers that uniquely identify the replacements parts.

M. “Quantity” column: giving the exact quantities of the parts shown in the illustration.

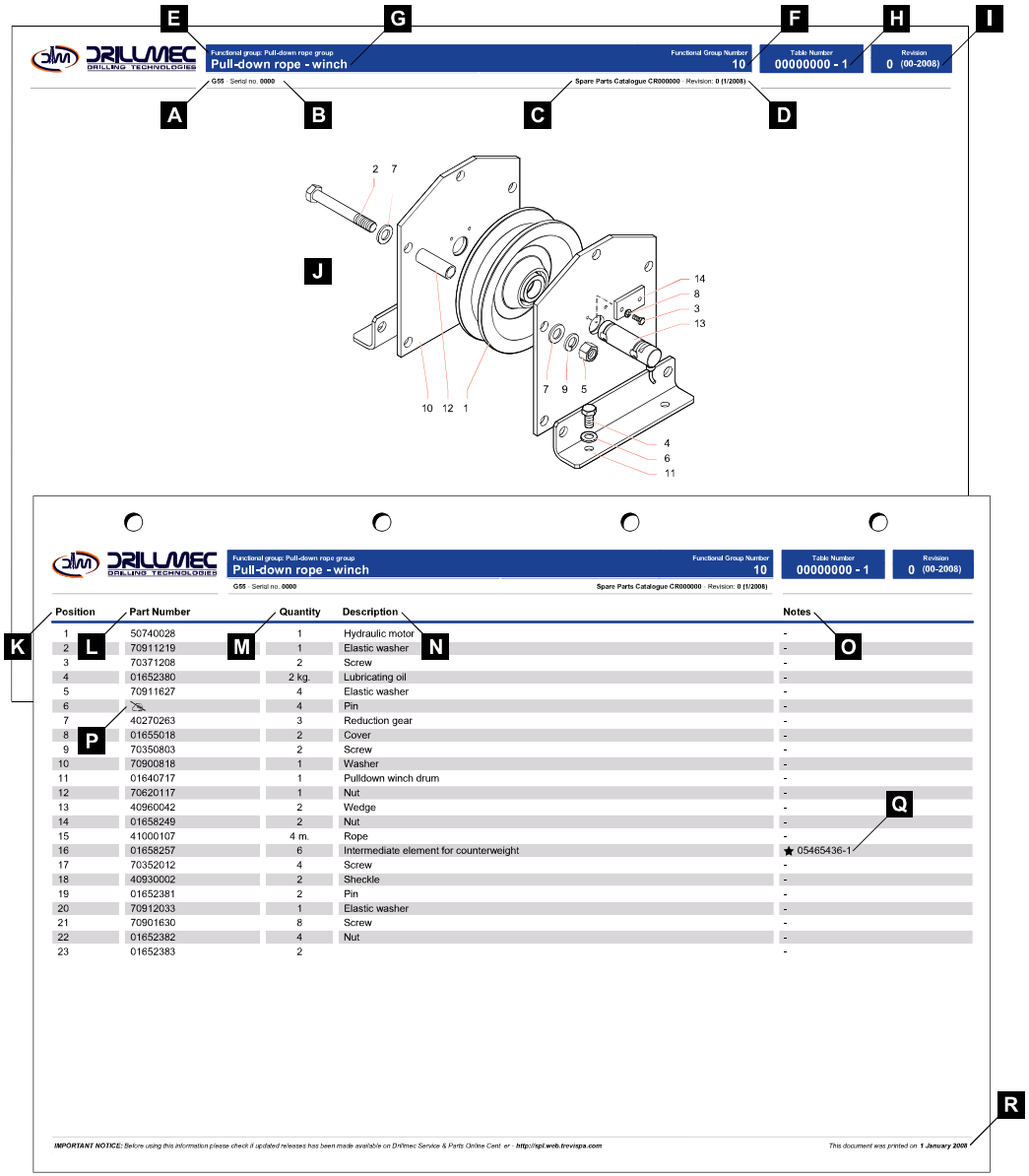
N. “Description” column: giving the short names of the replacements parts.

O. “Note” column: giving brief information related the item (also by means of symbols).

P. Symbol ( ) associated with a spare part temporarily without part number: to identify the part you must specify on the order the “code of spare parts drawing” (**H**) complete with the "revision index" (**I**) and the position number of the spare part.

Q. Symbol (★) associated with a spare part represented in detail in the spare part drawing identified with the code.

R. Date of print of the document.

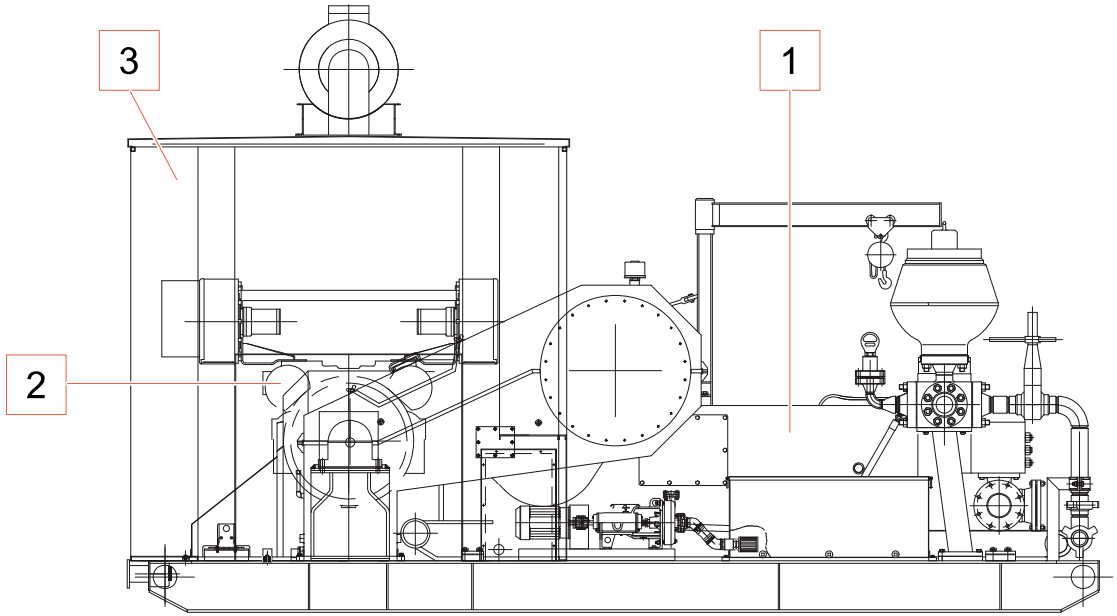


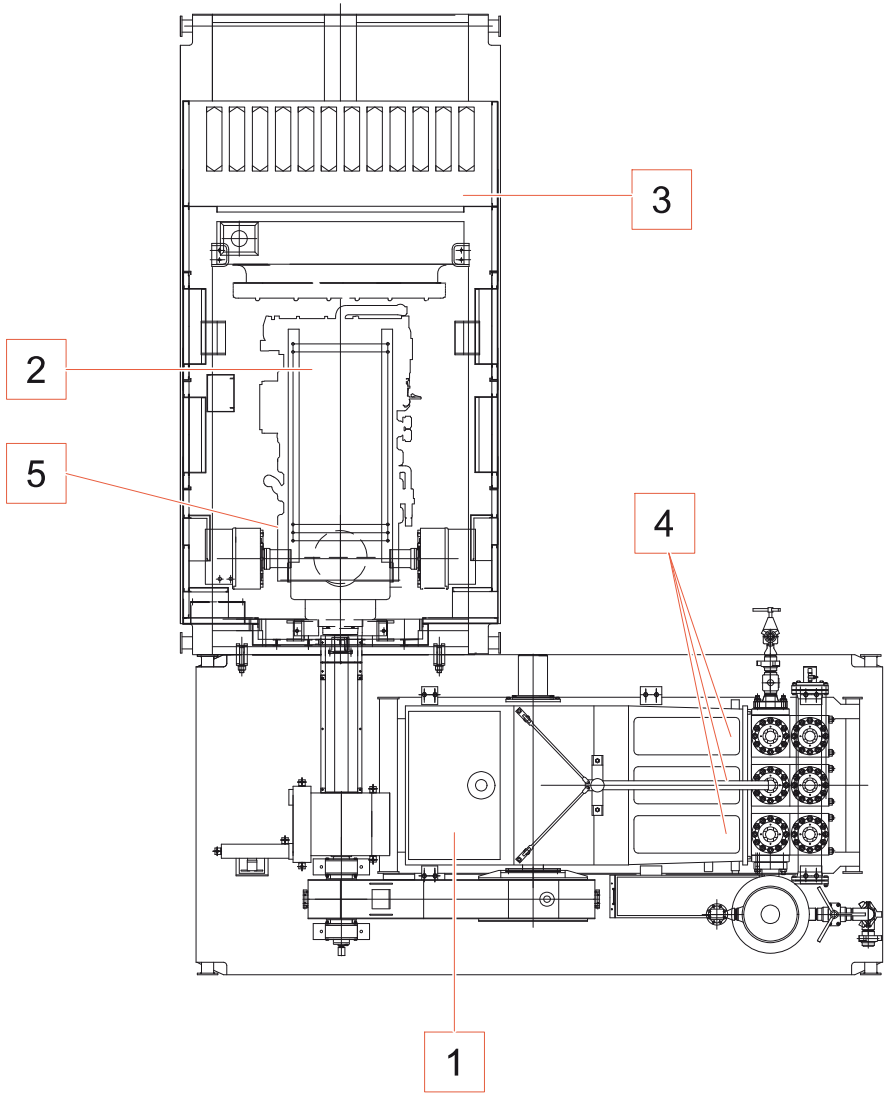
How to order spare parts

To order spare parts you must provide the DRILLMEC Customer Service with the following information:

- Model and serial number of the machine, plus the spare parts catalogue code and revision number (all of this information is shown on the cover of the catalogue).
- Part number, description and quantity of the spare parts you wish to order.
  If any of the parts do not have a part number you must specify the complete code number of the spare parts drawing in which the spare parts appear, together with their position number.
- Company name, full address and telephone number of the party placing the order.
  You must also specify the address to which the parts should be sent and the mode of transport/carrier to be used (if this last item of information is not given, DRILLMEC reserves the right to choose the most convenient mode of transport/carrier).

General index of machine functional groups


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1 Triplex pump group

Table	Revision	Description	Notes
01913103 - 1	2 (01-2006)	Jib crane	-
01913107 - 1	2 (12-2006)	Fluid end - top view	-
01913107 - 2	2 (12-2006)	Fluid end - cross section	-
01913108 - 1	1 (09-2006)	Power end	-
01913108 - 2	1 (03-2011)	Power end	-
01913109 - 1	2 (12-2006)	Crosshead assembly	-
01913109 - 2	2 (07-2009)	Crosshead assembly	-
01913112 - 1	0 (09-2006)	Valve seat puller	-
01913113 - 1	0 (09-2006)	Hydraulic system for valve seat puller	-
01913160 - 1	1 (01-2006)	Liners cooling system	-
01913161 - 1	1 (01-2006)	Crosshead lubrication system	-
01913163 - 1	2 (01-2006)	Pulsations damper	-
01913192 - 1	0 (09-2006)	Crankshaft	-
01913193 - 1	0 (09-2006)	Pinion and shaft assembly	-
40390796 - 1	1 (01-2006)	API 7" full-open valve kit	-

2 Engine and torque converter group

Table	Revision	Description	Notes
01914124 - 1	0 (02-2007)	Engine and torque converter	-
01914158 - 1	0 (06-2008)	Control panel	-
01916106 - 1	0 (09-2006)	Compensator of expansion of the exhaust pipe	-

3 Power pump preparation group

Table	Revision	Description	Notes
01913114 - 1	1 (01-2007)	Charging kit for pulsations damper	-
01914102 - 1	1 (01-2006)	Manifold with flange	-
01914225 - 1	0 (11-2008)	Pressure line	-
01914301 - 1	0 (02-2011)	Preparation of power pump on skid	-
01914307 - 1	0 (02-2011)	Frame anchorage unit	-
01914308 - 1	0 (02-2011)	Liners cooling system	-
01915335 - 1	1 (09-2006)	Transmission lubrication system	-
01915336 - 1	0 (09-2006)	Clutch and bell for connection	-
01915338 - 1	1 (09-2006)	Chain transmission	-
01915346 - 1	1 (09-2006)	Chain transmission guard	-
01915347 - 1	1 (09-2006)	Countershaft	-

4 Liner and piston group

Table	Revision	Description	Notes
01914101 - 1	1 (01-2006)	Ø 4 ½" liner and piston kit	-
01913115 - 1	1 (01-2006)	Ø 5" liner and piston kit	-
01913152 - 1	1 (01-2006)	Ø 5 ½" liner and piston kit	-
01913117 - 1	1 (01-2006)	Ø 6" liner and piston kit	-
01913175 - 1	1 (01-2006)	Ø 6 ½" liner and piston kit	-
01913179 - 1	0 (09-2006)	Ø 7" liner and piston kit	-

5 Pneumatic system group

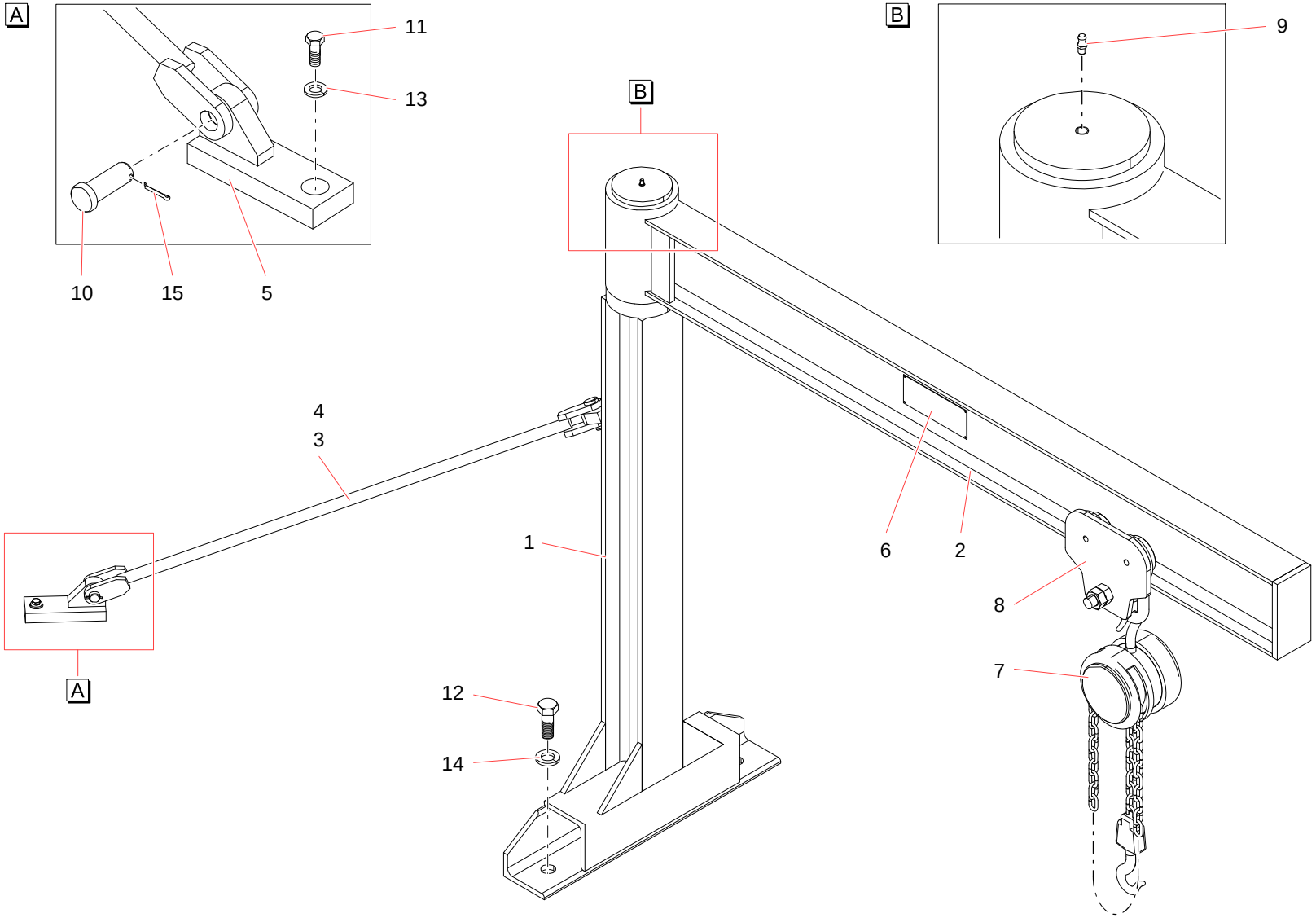
Table	Revision	Description	Notes
01904178 - 1	0 (09-2006)	Cooling tube air	-
01914196 - 1	0 (11-2008)	Pneumatic system plan	-
01914196 - 2	0 (11-2008)	Pneumatic system plan	-

Spare parts drawings listed by functional group

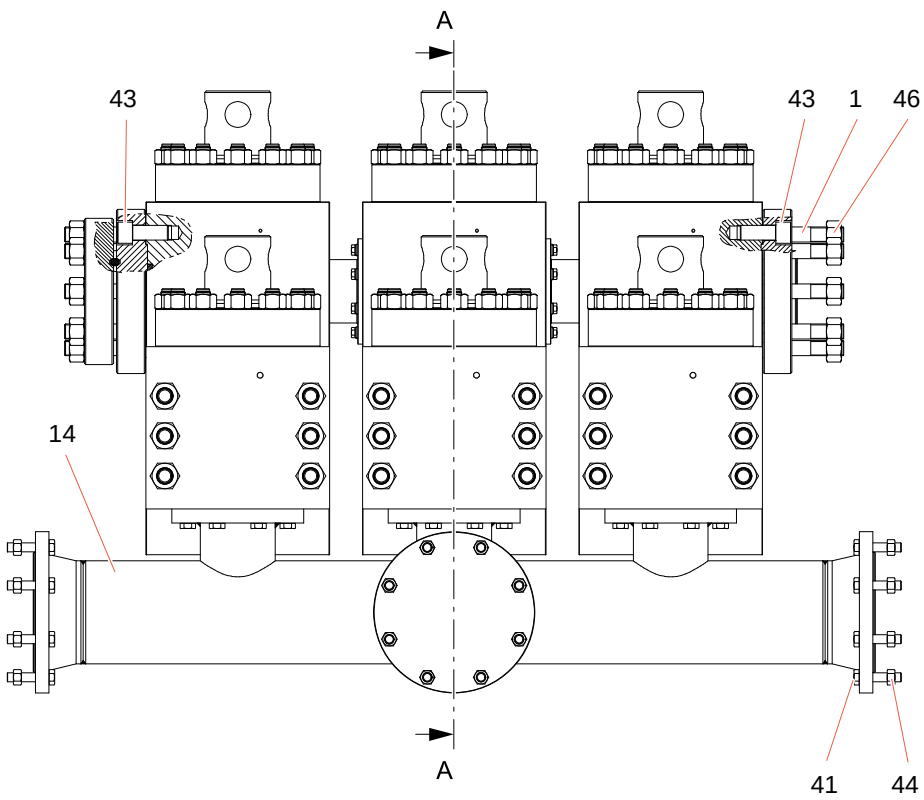
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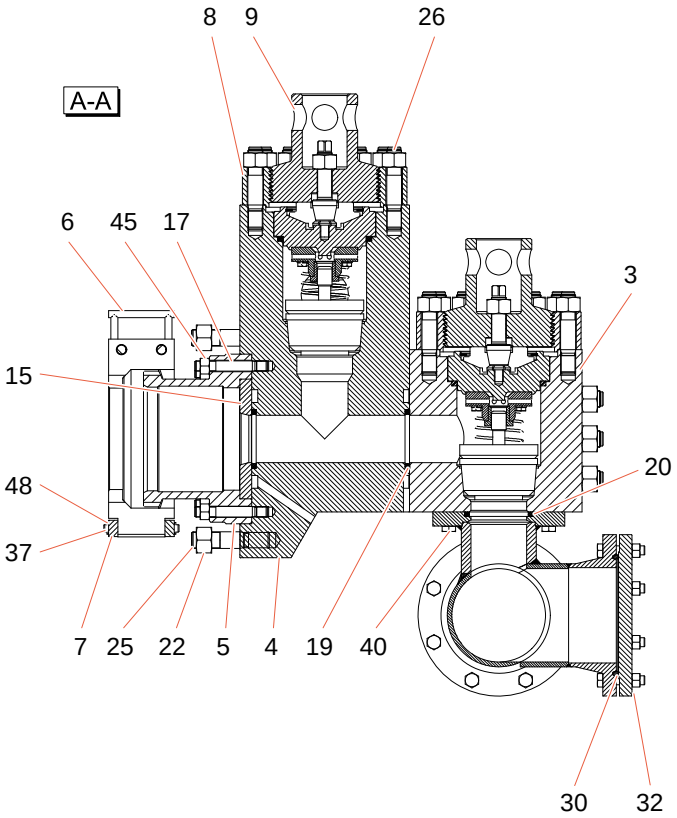
1 Triplex pump group

Table	Revision	Description	Notes
01913103 - 1	2 (01-2006)	Jib crane	-
01913107 - 1	2 (12-2006)	Fluid end - top view	-
01913107 - 2	2 (12-2006)	Fluid end - cross section	-
01913108 - 1	1 (09-2006)	Power end	-
01913108 - 2	1 (03-2011)	Power end	-
01913109 - 1	2 (12-2006)	Crosshead assembly	-
01913109 - 2	2 (07-2009)	Crosshead assembly	-
01913112 - 1	0 (09-2006)	Valve seat puller	-
01913113 - 1	0 (09-2006)	Hydraulic system for valve seat puller	-
01913160 - 1	1 (01-2006)	Liners cooling system	-
01913161 - 1	1 (01-2006)	Crosshead lubrication system	-
01913163 - 1	2 (01-2006)	Pulsations damper	-
01913192 - 1	0 (09-2006)	Crankshaft	-
01913193 - 1	0 (09-2006)	Pinion and shaft assembly	-
40390796 - 1	1 (01-2006)	API 7" full-open valve kit	-

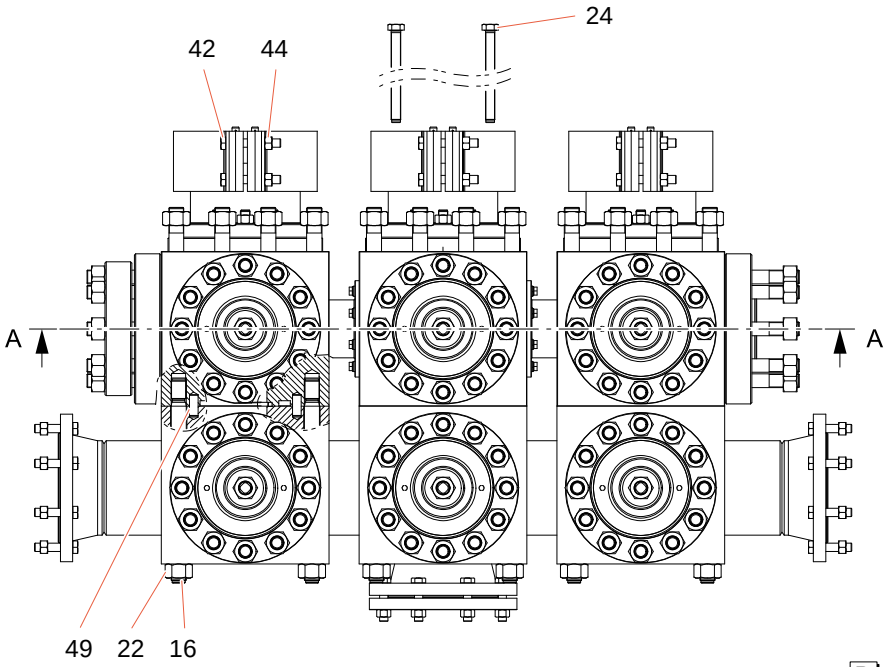

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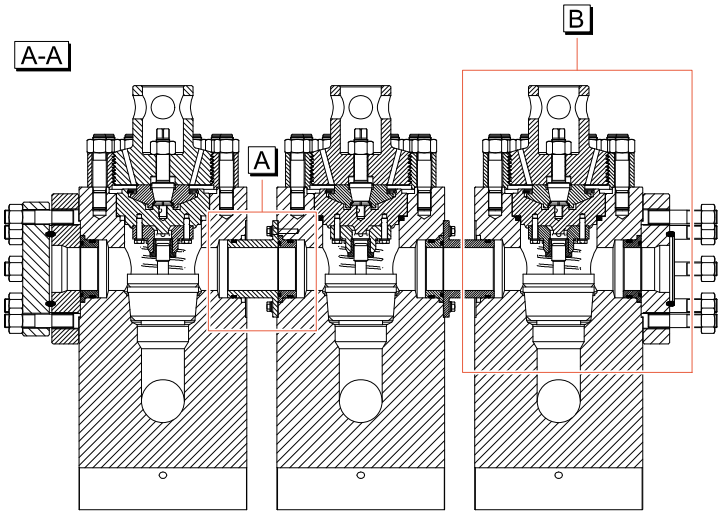
Position	Part Number	Quantity	Description	Notes
1	01913228	1	Support	-
2	01913229	1	Boom	-
3	01913230	1	Tie rod	-
4	01913230	1	Tie rod	-
5	01913231	2	Fulcrum	-
6	09530791	1	Indication plate	-
7	41040030	1	Hoist	-
8	41040031	1	Trolley	-
9	61000004	1	Greasing nipple	-
10	64021238	4	Pin	-
11	70390123	2	Screw	-
12	70390136	2	Screw	-
13	70902045	2	Plain washer	-
14	70902047	2	Washer	-
15	71050406	4	Split pin	-

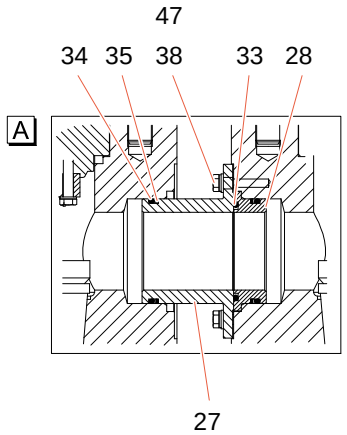

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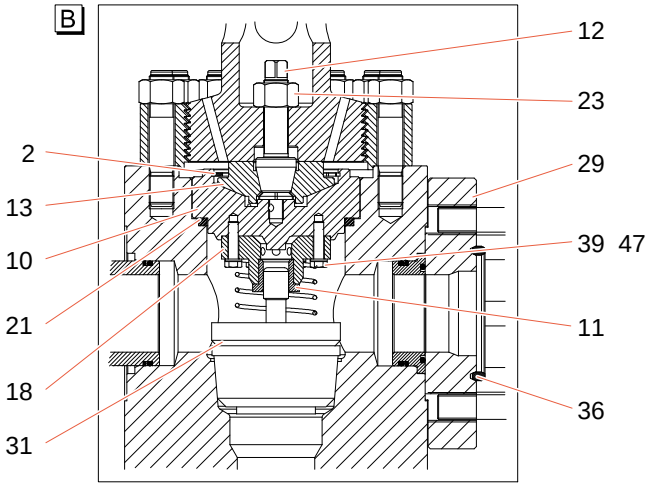

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Position	Part Number	Quantity	Description	Notes
1	01910859	16	Stud bolt	-
3	01913274	3	Suction module	-
4	01913275	3	Delivery module	-
5	01913276	3	Liner holder	-
6	01913277	3	Collar	-
7	01913278	6	Hinge	-
8	01913280	6	Ring	-
9	01913303	6	Cover	-
14	01913308	1	Nipple	-
15	01913309	3	Plate	-
17	01913311	24	Stud bolt	-
19	01913313	6	Gasket	-
20	01913314	3	Gasket	-
22	01913318	42	Nut	-
25	01913321	24	Stud bolt	-
26	01913322	72	Stud bolt	-
30	01961652	3	Gasket	-
32	50960026	1	Flange	-
37	64021240	6	Pin	-
40	70390112	24	Screw	-
41	70390116	24	Screw	-
43	70550033	16	Screw	-
44	70710011	44	Nut	-
45	70720012	24	Nut	-
46	70760006	16	Nut	-
48	71040305	12	Elastic pin	-

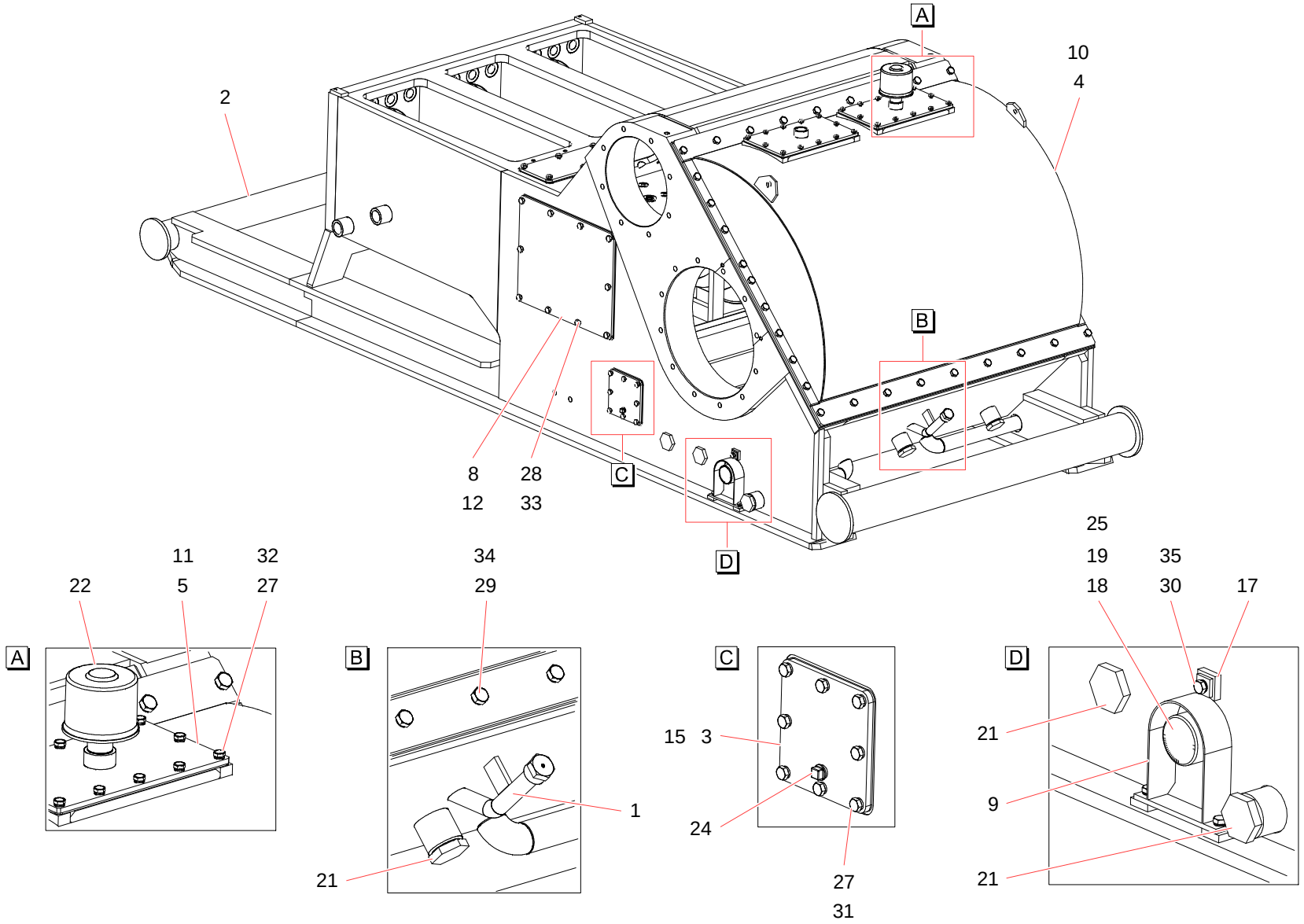

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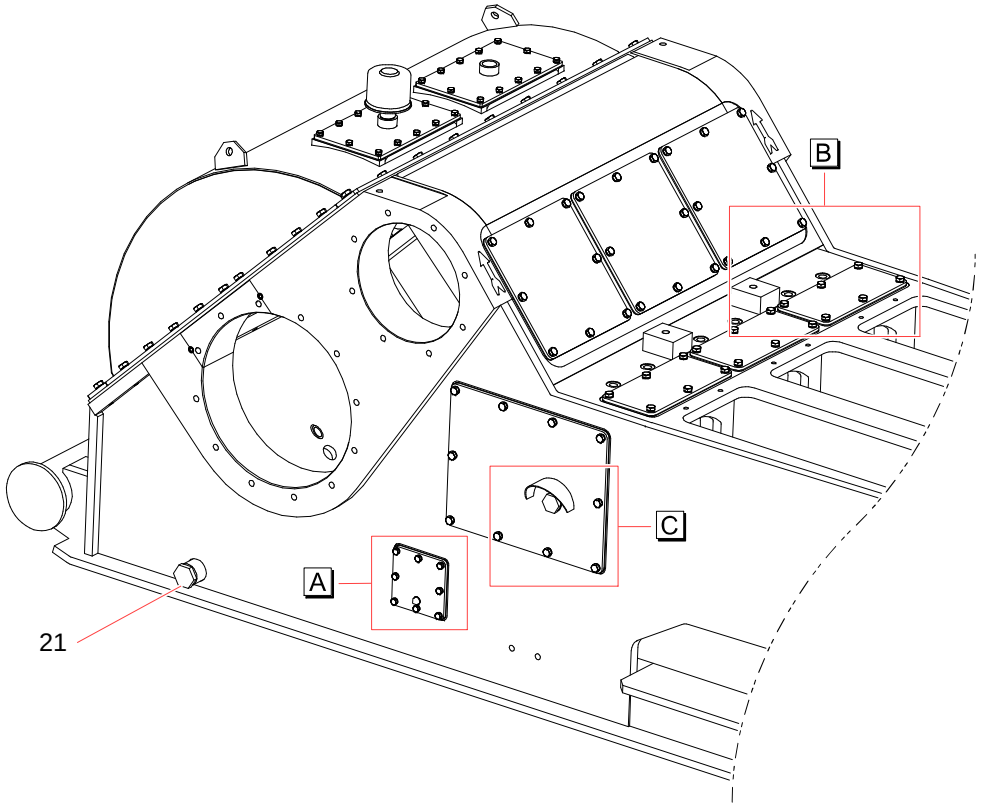

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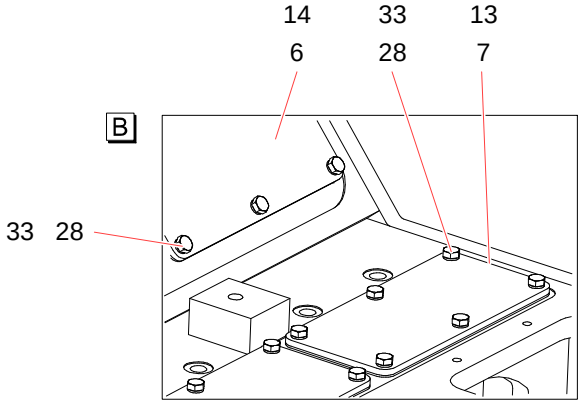

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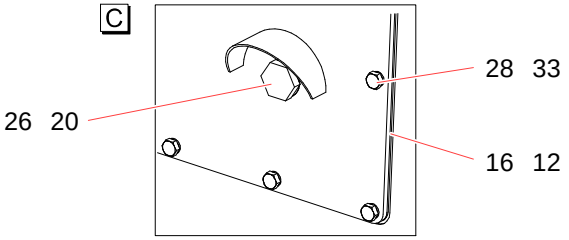
Position	Part Number	Quantity	Description	Notes
2	01913151	6	Ring	-
10	01913304	6	Plug	-
11	01913305	6	Bushing	-
12	01913306	6	Pin	-
13	01913307	6	Expandable sectors	-
16	01913310	18	Stud bolt	-
18	01913312	6	Flange	-
21	01913315	6	Gasket	-
22	01913318	42	Nut	-
23	01913319	78	Nut	-
24	01913320	2	Screw	-
27	01913327	2	Manifold	-
28	01913328	4	Manifold	-
29	01913396	2	Flange	-
31	**40390796**	**6**	**Valve kit**	★ 40390796-1
31.A	RI40390796-03	1	Spring	
33	52108450	4	O-ring	-
34	52108487	6	O-ring	-
35	52158428	6	Retaining ring	-
36	52450009	2	R39 ring joint	-
38	70390063	16	Screw	-
39	70390064	36	Screw	-
42	70390120	6	Screw	-
44	70710011	44	Nut	-
47	70902048	52	Rondella	-
49	71142010	6	Pin	-

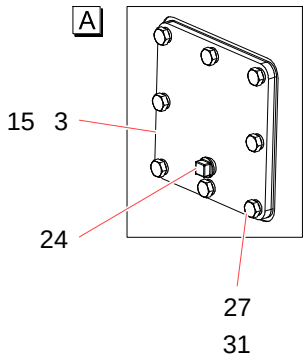

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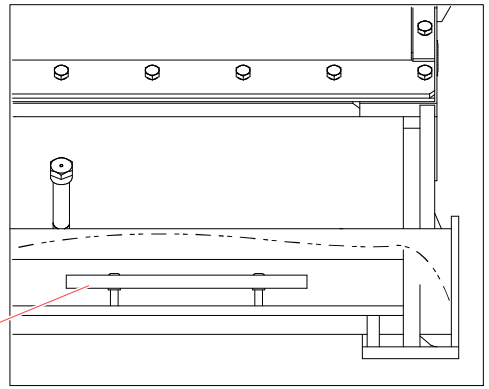
Position	Part Number	Quantity	Description	Notes
1	01850392	1	Plug	-
2	01913232	1	Frame	-
3	01913236	2	Cover	-
4	01913243	1	Cover	-
5	01913244	2	Cover	-
8	01913247	1	Cover	-
9	01913249	1	Guard	-
10	01913253	1	Gasket	-
11	01913254	2	Gasket	-
12	01913255	2	Gasket	-
15	01913258	2	Gasket	-
17	01917407	3	Base	-
18	40690057	1	Thermometer	-
19	50470423	1	Reduction	-
21	50520055	7	Cap	-
22	**50530023**	**1**	**Filter**	¤
22.A	RI50530023-01	1	Air cartridge	
24	50630064	2	Male plug	-
25	52020033	1	Retaining washer	-
27	52020213	52	Retaining washer	-
28	52020216	62	Retaining washer	-
29	52020220	36	Retaining washer	-
30	70390058	2	Screw	-
31	70390061	16	Screw	-
32	70390062	40	Screw	-
33	70390092	62	Screw	-
34	70390108	36	Screw	-
35	70902008	2	Washer	-


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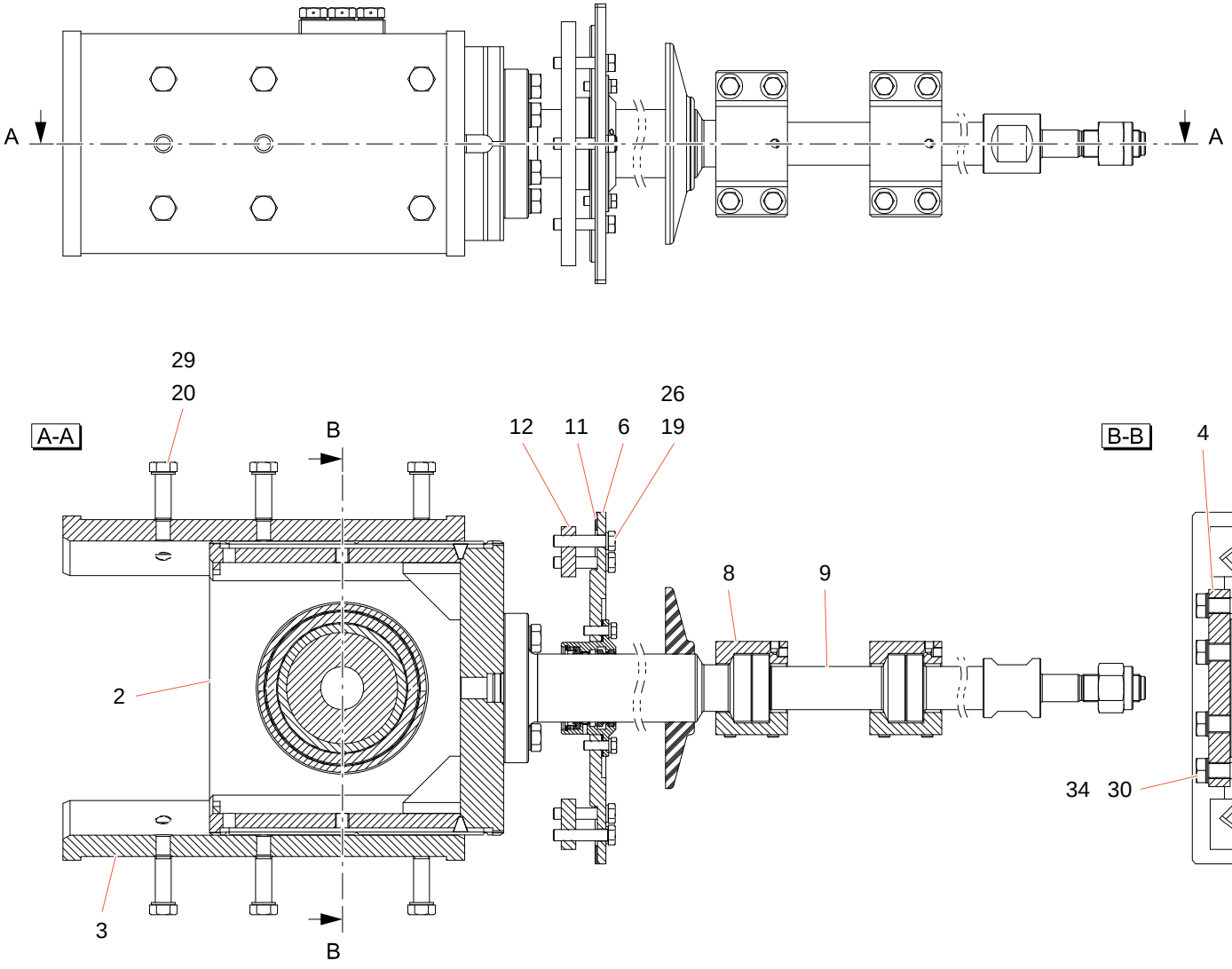

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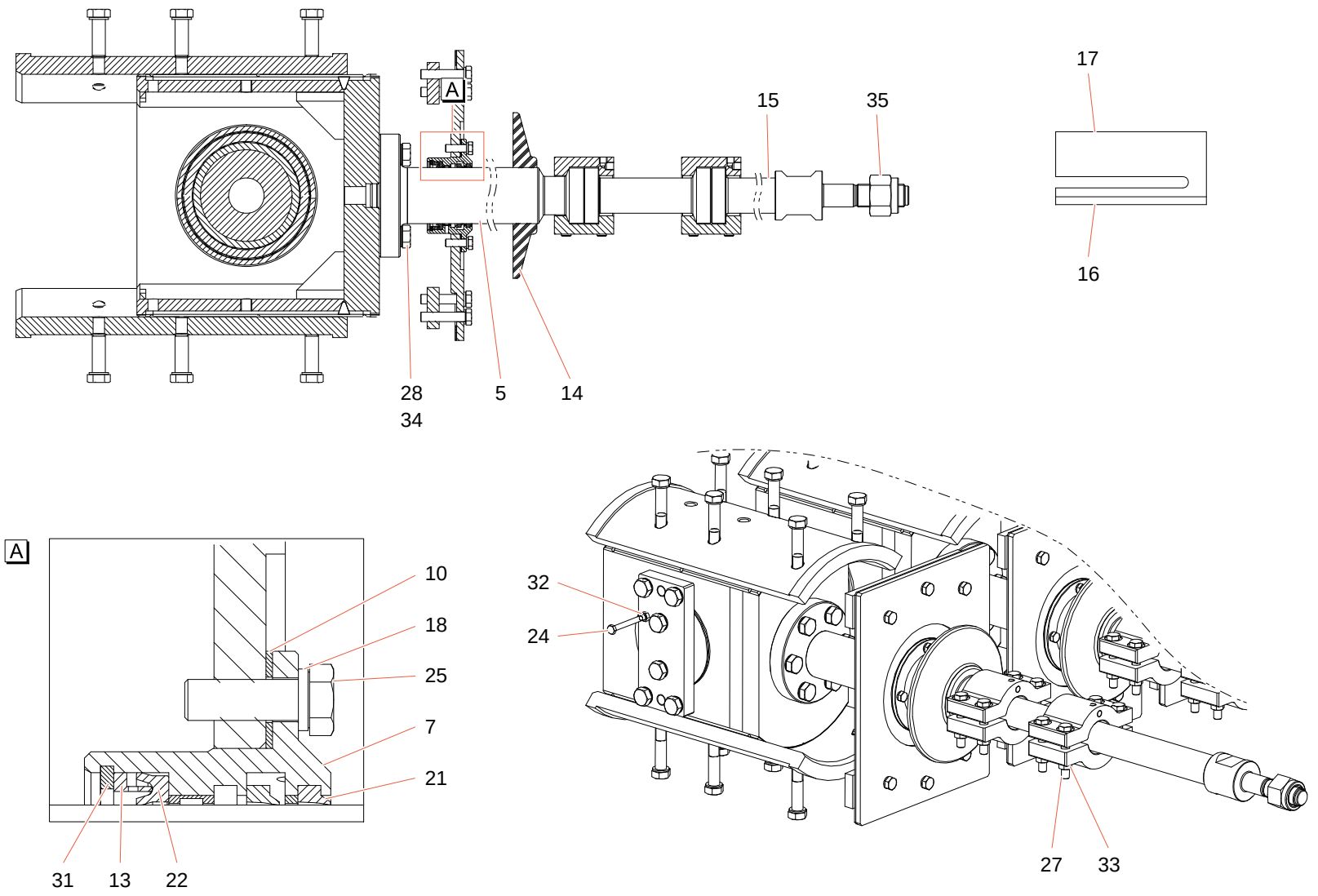

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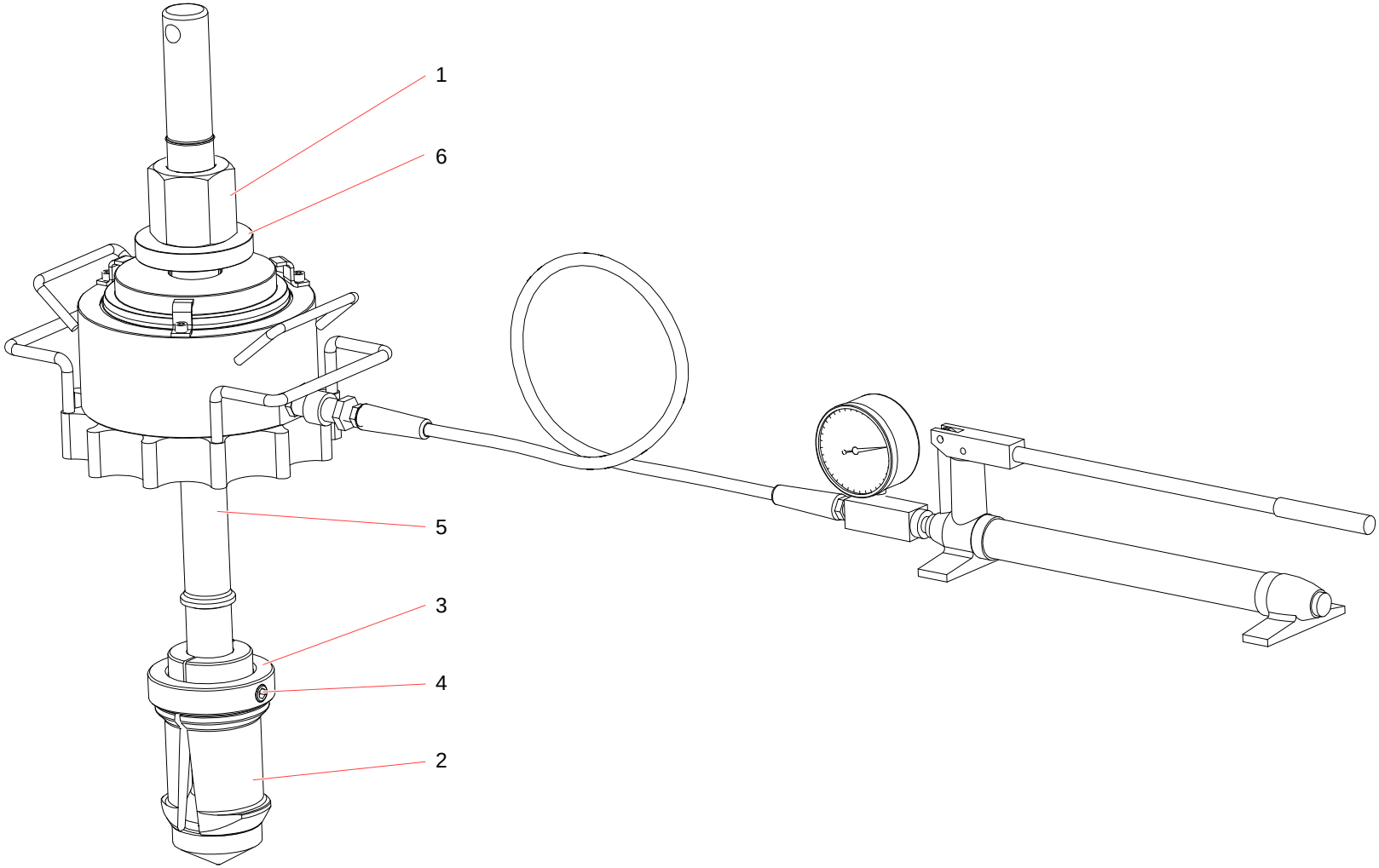
Position	Part Number	Quantity	Description	Notes
3	01913236	2	Cover	-
6	01913245	3	Cover	-
7	01913246	3	Cover	-
12	01913255	2	Gasket	-
13	01913256	3	Gasket	-
14	01913257	3	Gasket	-
15	01913258	2	Gasket	-
16	01913744	1	Cover	-
20	50520046	1	Male plug	-
21	50520055	7	Cap	-
23	50530100	1	Magnet	-
24	50630064	2	Male plug	-
26	52020036	2	Retaining washer	-
27	52020213	52	Retaining washer	-
28	52020216	62	Retaining washer	-
31	70390061	16	Screw	-
33	70390092	62	Screw	-


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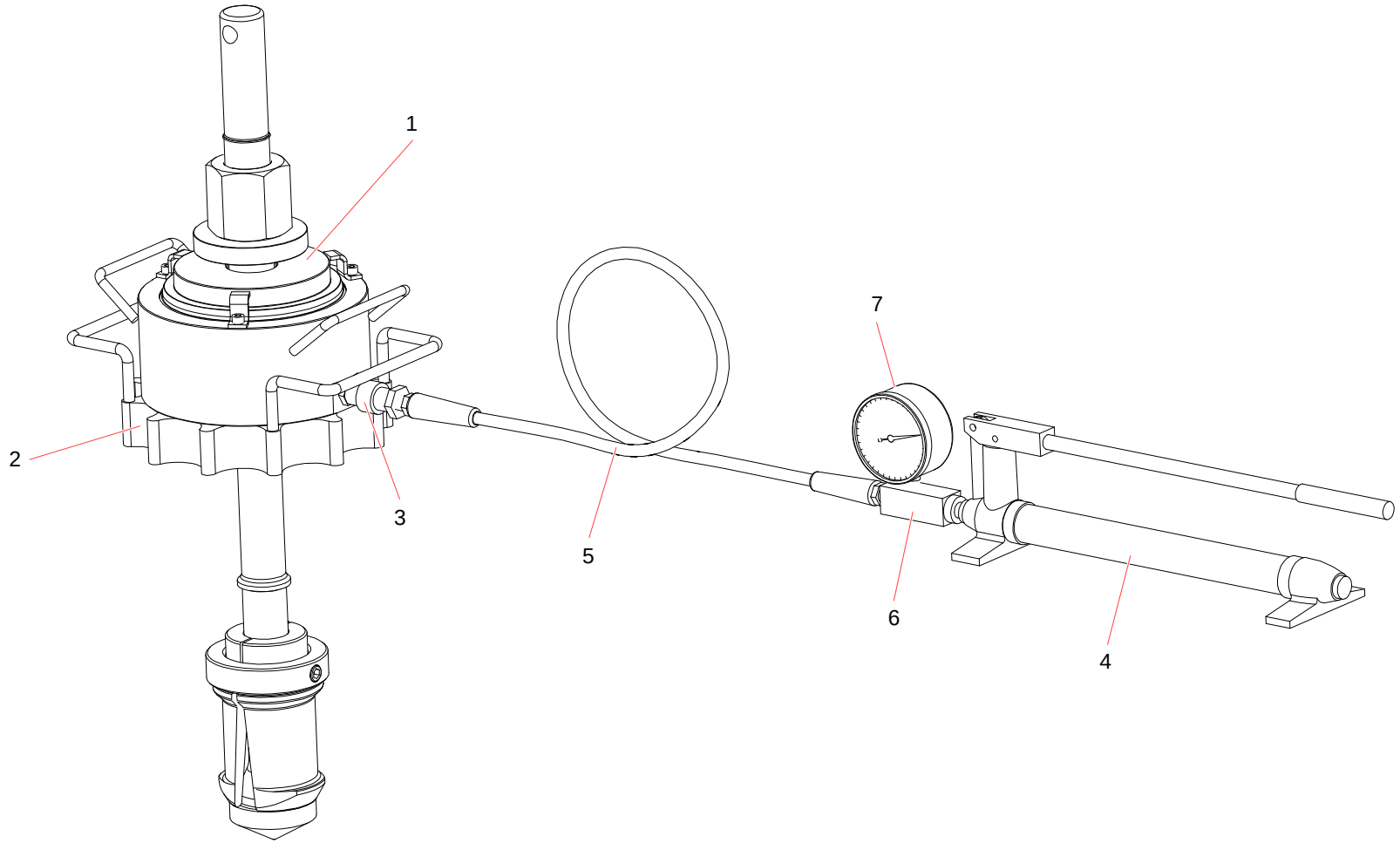
Position	Part Number	Quantity	Description	Notes
1	01913238	3	Pin	-
2	01913260	3	Crosshead	-
3	01913261	6	Pad	-
4	01913262	3	Plate	-
6	01913264	3	Cover	-
8	01913266	6	Collar	-
9	01913267	3	Pony rod	-
11	01913269	3	Gasket	-
12	01913270	6	Bracket	-
19	52020216	18	Retaining washer	-
20	52020223	36	Retaining washer	-
23	61070087	3	Bearing	-
26	70390098	18	Screw	-
29	70390132	36	Screw	-
30	70550094	18	Screw	-
34	70902045	36	Plain washer	-


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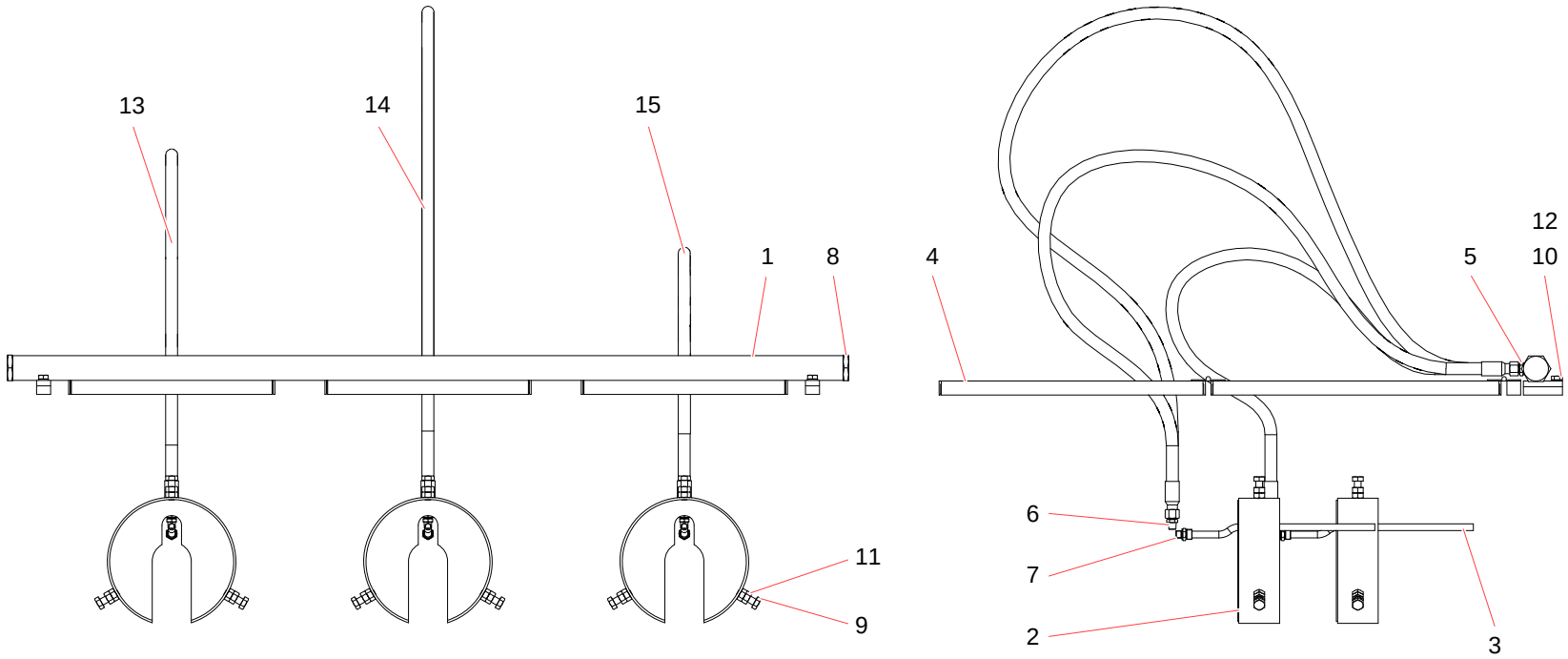
Position	Part Number	Quantity	Description	Notes
5	01913263	3	Extension	-
7	01913265	3	Stuffing box seat	-
10	01913268	3	Gasket	-
13	01913271	3	Ring	-
14	01913272	3	Baffle	-
15	01913298	3	Rod	-
16	01913397	6	Shims	-
17	01913398	12	Shims	-
18	52020213	12	Retaining washer	-
21	52500047	6	Scraper ring	-
22	52700408	3	Gasket	-
24	70331022	1	Screw	-
25	70390062	12	Screw	-
27	70390102	24	Screw	-
28	70390127	18	Screw	-
31	70600115	3	Retaining ring	-
32	70661008	1	Nut	-
33	70710010	24	Nut	-
34	70902045	36	Plain washer	-
35	71300009	3	Self-locking nut	-


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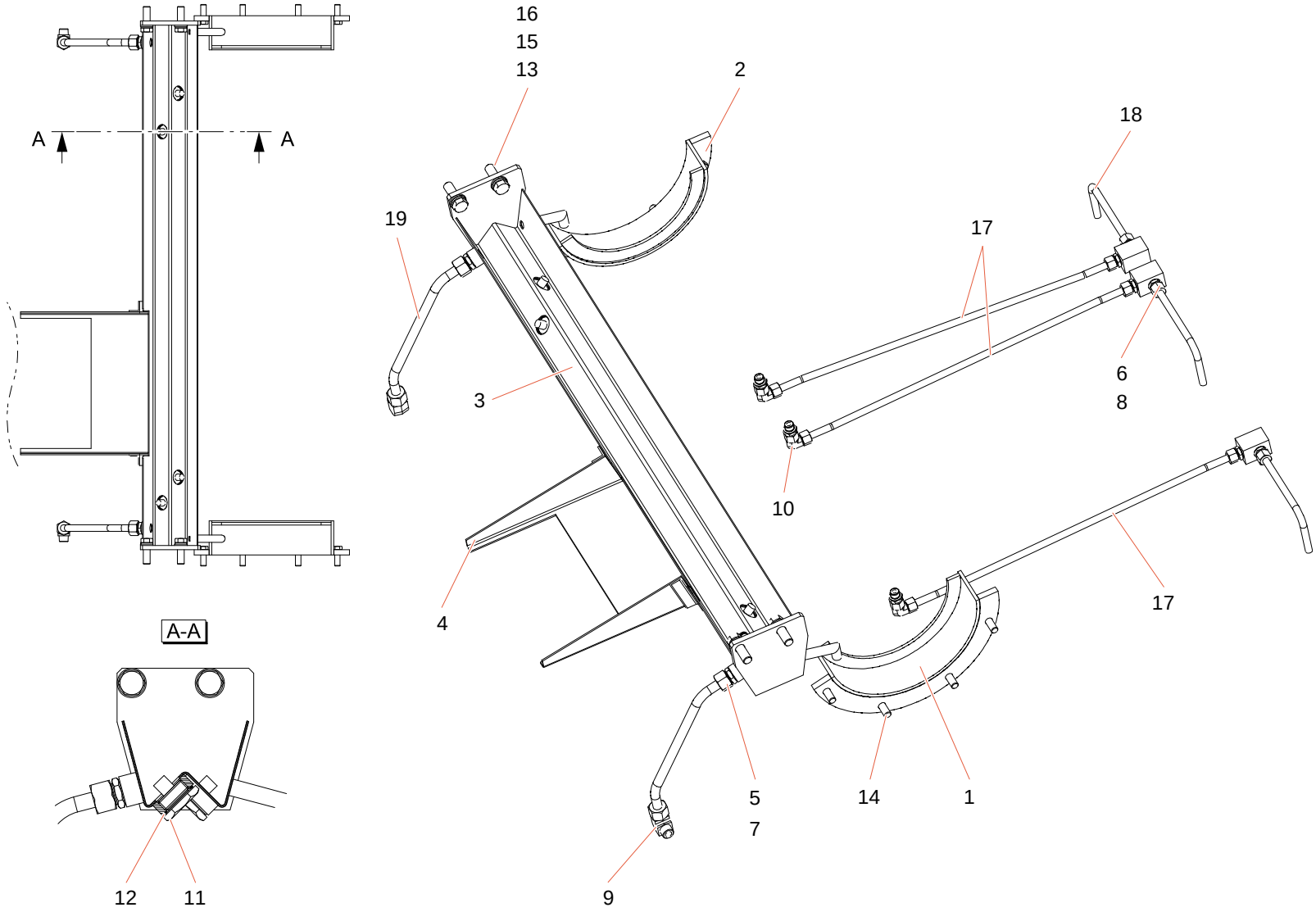
Position	Part Number	Quantity	Description	Notes
1	01910767	1	Nut	-
2	01913385	1	Extractor head	-
3	01913386	1	Ring	-
4	01913387	2	Screw	-
5	01913388	1	Tie rod	-
6	01913390	1	Washer	-


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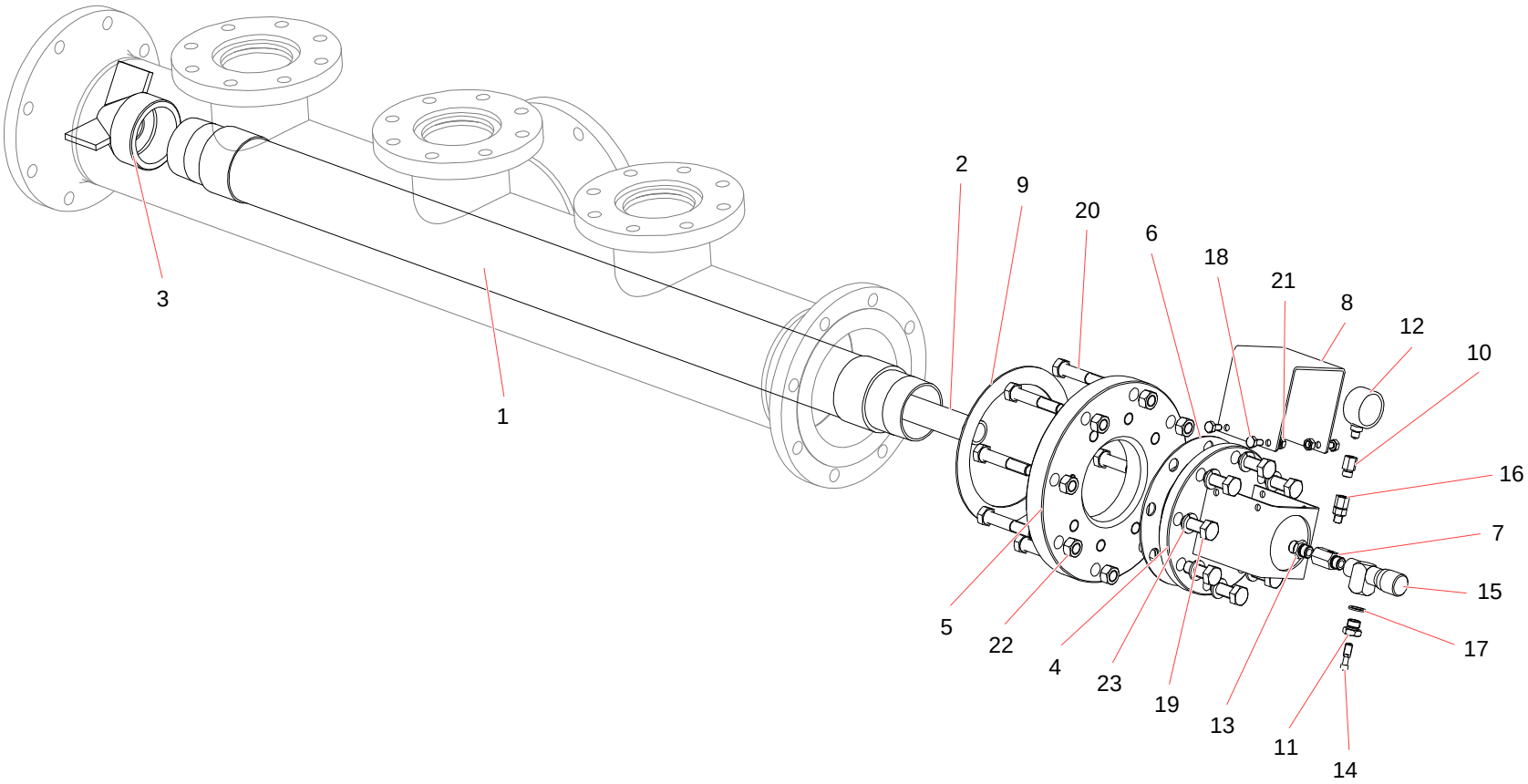
Position	Part Number	Quantity	Description	Notes
1	01913133	1	Jack	-
2	01913389	1	Plate	-
3	09400063	1	Valve	-
4	09400107	1	Pump	-
5	09400108	1	Flexible hose	-
6	09400109	1	Adapter	-
7	09400110	1	Manometer	-


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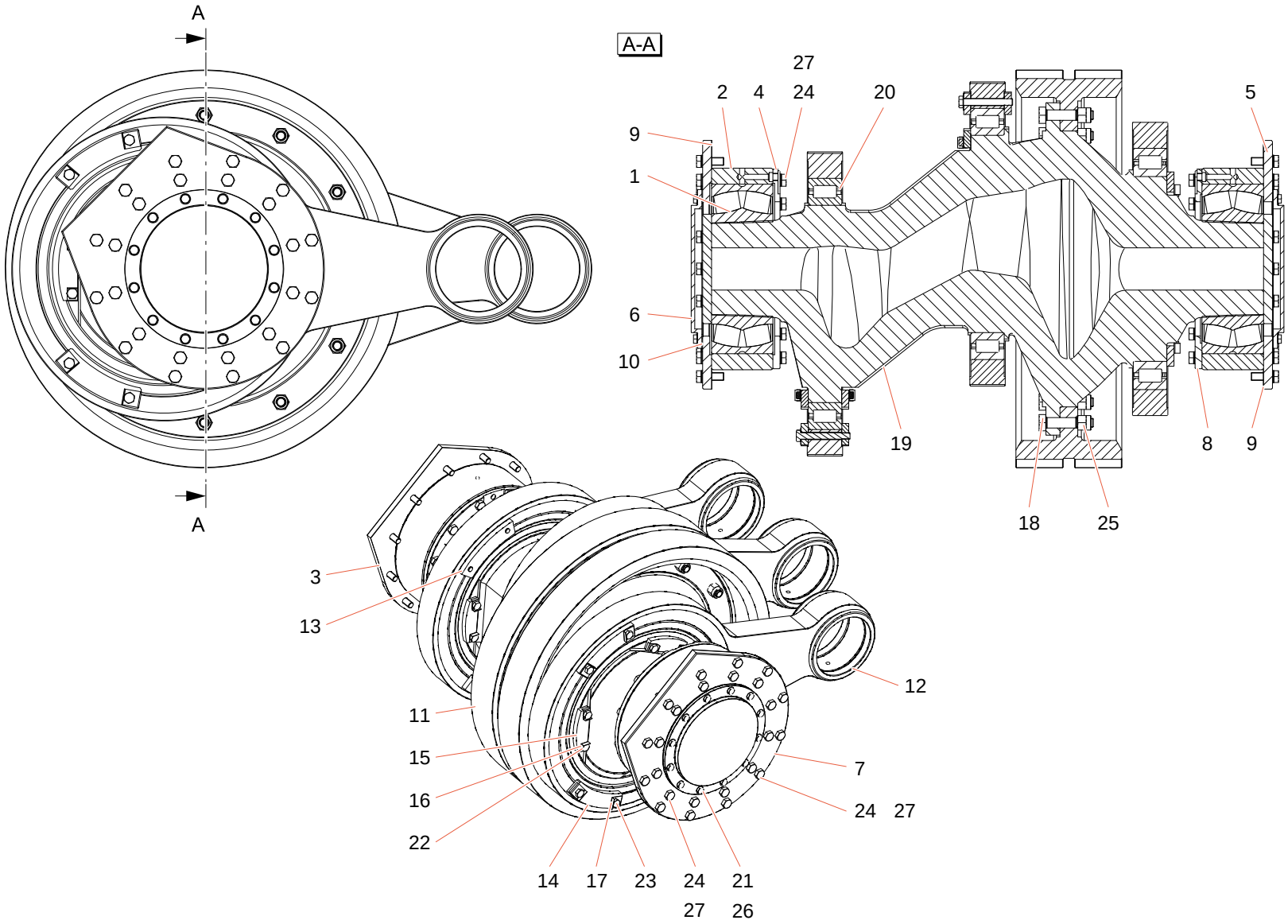
Position	Part Number	Quantity	Description	Notes
1	01913323	1	Manifold	-
2	01913406	3	Guard	-
3	01913519	3	Pipe	-
4	01913522	3	Guard	-
5	50091012	3	Pipe fitting	-
6	50091013	3	Pipe fitting	-
7	50095012	3	Pipe fitting	-
8	50530084	2	Magnetic plug	-
9	70291207	9	Screw	-
10	70351005	2	Screw	-
11	70661210	9	Nut	-
12	70902007	2	Washer	-
13	506014355	1	Flexible hose	-
14	506014355	1	Flexible hose	-
15	506014355	1	Flexible hose	-


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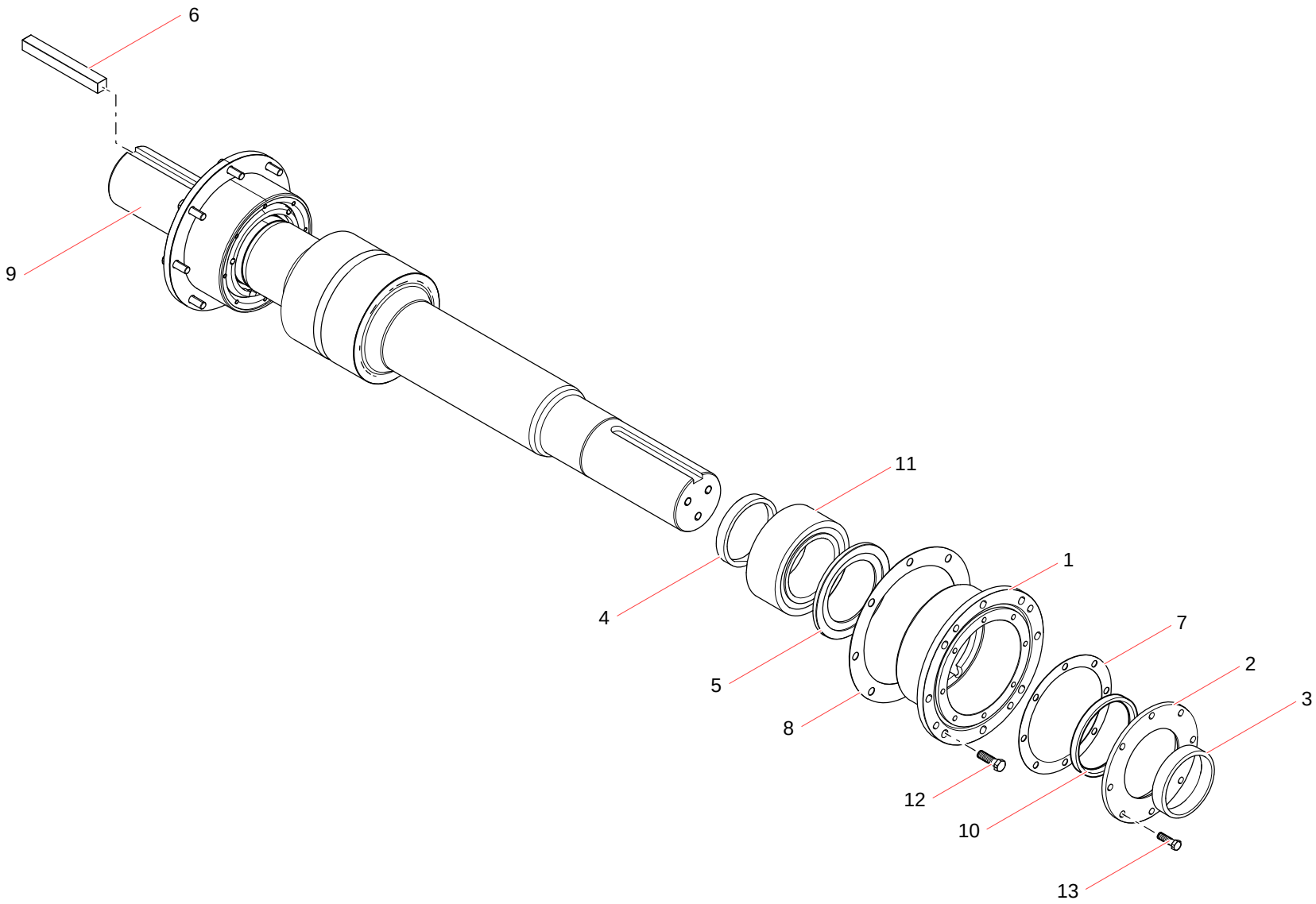
Position	Part Number	Quantity	Description	Notes
1	01913281	1	Cup	-
2	01913281	1	Cup	-
3	01913282	1	Cup	-
4	01913405	1	Ditch	-
5	50051016	4	Nut	-
6	50051112	9	Nut	-
7	50090016	4	Pipe fitting	-
8	50090112	9	Pipe fitting	-
9	50101116	2	Pipe fitting	-
10	50250112	3	Pipe fitting	-
11	50530084	4	Magnetic plug	-
12	52020037	4	Retaining washer	-
13	70351610	4	Screw	-
14	70390062	8	Screw	-
15	70901630	4	Plain washer	-
16	70902010	4	Plain washer	-
17	50030012	1 kg.	Pipe	-
18	50030012	1 kg.	Pipe	-
19	50030016	1 kg.	Pipe	-


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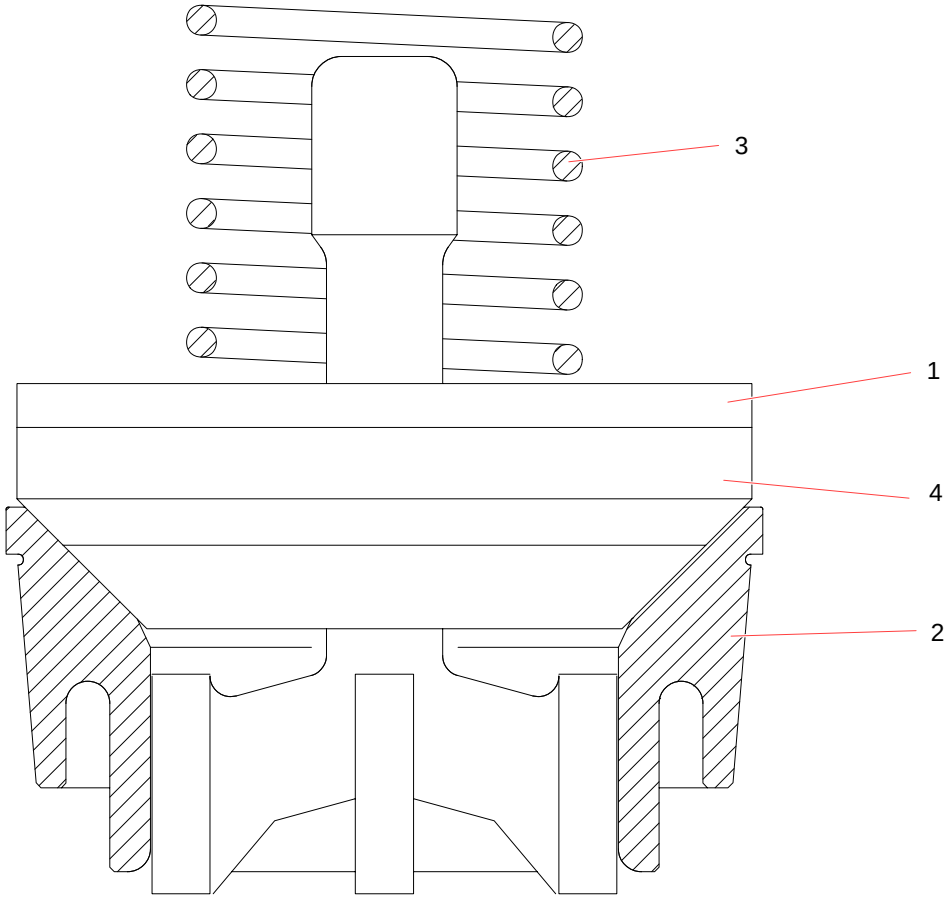
Position	Part Number	Quantity	Description	Notes
1	01913286	1	Flexible hose	-
2	01913299	1	Support	-
3	01913300	1	Plug	-
4	01913301	1	Flange	-
5	01913332	1	Flange	-
6	01913333	1	Gasket	-
7	01913755	1	Pipe fitting	-
8	01913764	1	Cover	-
9	01961652	1	Gasket	-
10	50330008	1	Pipe fitting	-
11	50470417	1	Pipe fitting	-
12	50550163	1	Manometer	-
13	50590004	1	Pipe fitting	-
14	50640314	1	Valve	-
15	50850805	1	Valve	-
16	50920013	1	Pipe fitting	-
17	52020033	1	Retaining washer	-
18	70351004	4	Screw	-
19	70352010	8	Screw	-
20	70390118	8	Screw	-
21	70661008	4	Nut	-
22	70710011	8	Nut	-
23	70902012	8	Plain washer	-


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Position	Part Number	Quantity	Description	Notes
1	61160056	2	Bearing	-
2	01913205	2	Support	-
3	01913206	1	Ring	-
4	01913207	1	Ring	-
5	01913208	2	Ring	-
6	01913209	2	Cover	-
7	01913210	1	Ring	-
8	01913211	1	Ring	-
9	01913216	2	Shims	-
10	01913217	2	Gasket	-
11	01913725	1	Gear wheel	-
12	01913726	3	Connecting rod	-
13	01913727	9	Plate	-
14	01913728	9	Plate	-
15	01913729	12	Plate	-
16	01913730	24	Plate	-
17	01913731	18	Plate	-
18	01913732	12	Screw	-
19	01913733	1	Crankshaft	-
20	61070086	3	Bearing	-
21	70390091	24	Screw	-
22	70390112	24	Screw	-
23	70390121	18	Screw	-
24	70390125	84	Screw	-
25	70630010	12	Self-locking nut	-
26	70902010	24	Plain washer	-
27	70902045	84	Plain washer	-


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Position	Part Number	Quantity	Description	Notes
1	01913219	2	Support	-
2	01913220	2	Cover	-
3	01913221	2	Spacer	-
4	01913222	2	Spacer	-
5	01913223	2	Spacer	-
6	01913224	1	Tang	-
7	01913225	2	Gasket	-
8	01913226	2	Gasket	-
9	01913734	1	Shaft	-
10	52700260	2	Packing	-
11	61070088	2	Bearing	-
12	70390111	16	Screw	-
13	70390127	16	Screw	-
14	70902045	16	Plain washer	-
15	70902046	16	Washer	-

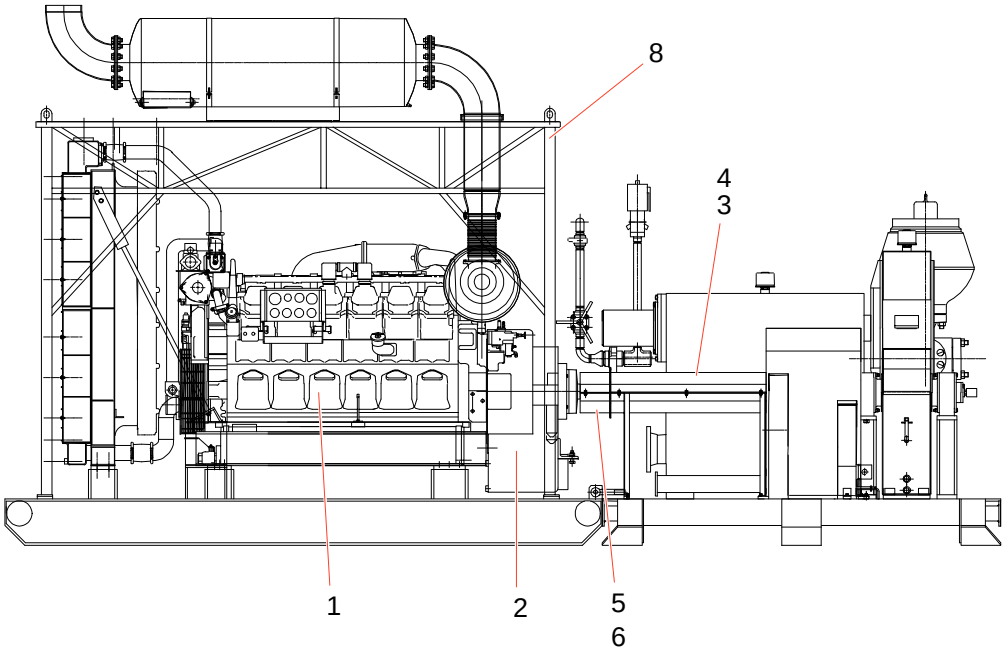

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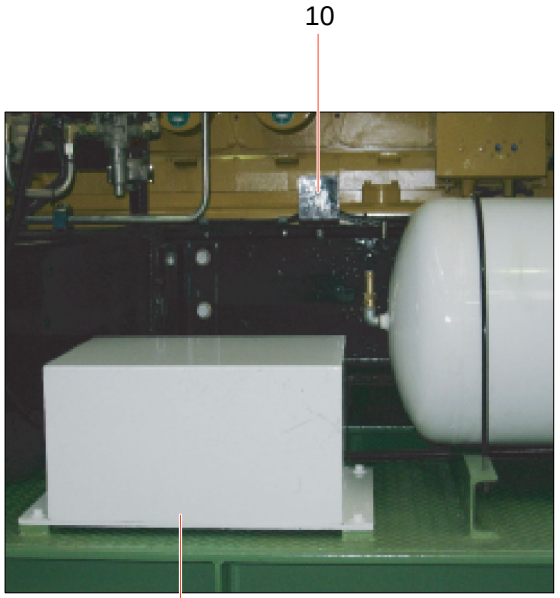
Position	Part Number	Quantity	Description	Notes
1	**40390797**	**1**	**Valve head**	¤
1.A	RI40390797-01	1	Gasket	
1.B	RI40390797-02	1	Valve gasket	
2	40390798	1	Valve seat	-
3	RI40390796-03	1	Spring	-
4	RI40390797-01	1	Gasket	-

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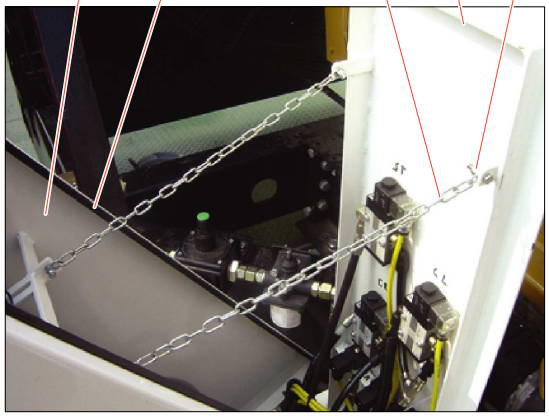
2 Engine and torque converter group

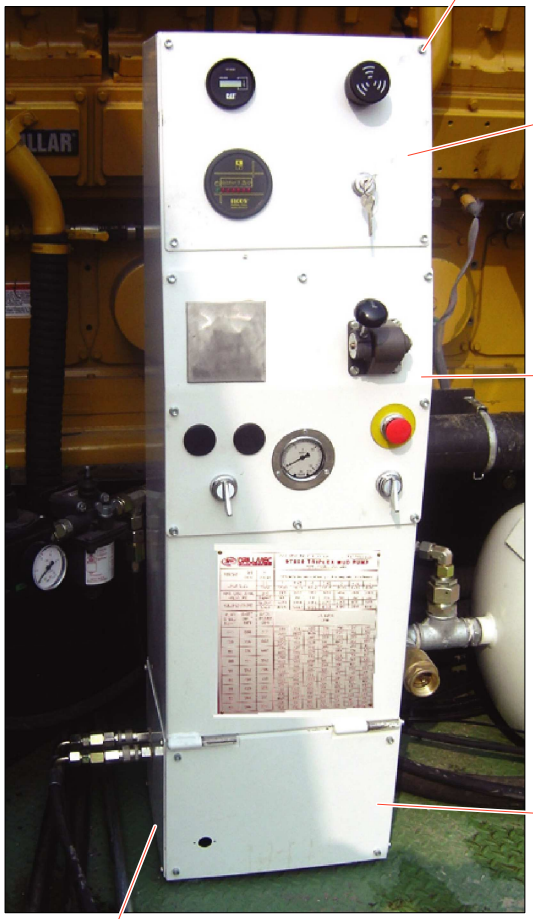
Table	Revision	Description	Notes
01914124 - 1	0 (02-2007)	Engine and torque converter	-
01914158 - 1	0 (06-2008)	Control panel	-
01916106 - 1	0 (09-2006)	Compensator of expansion of the exhaust pipe	-

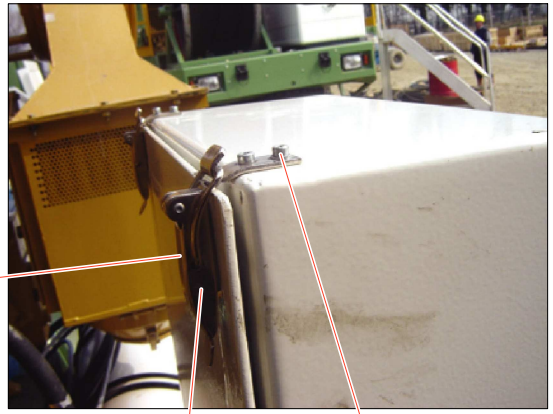

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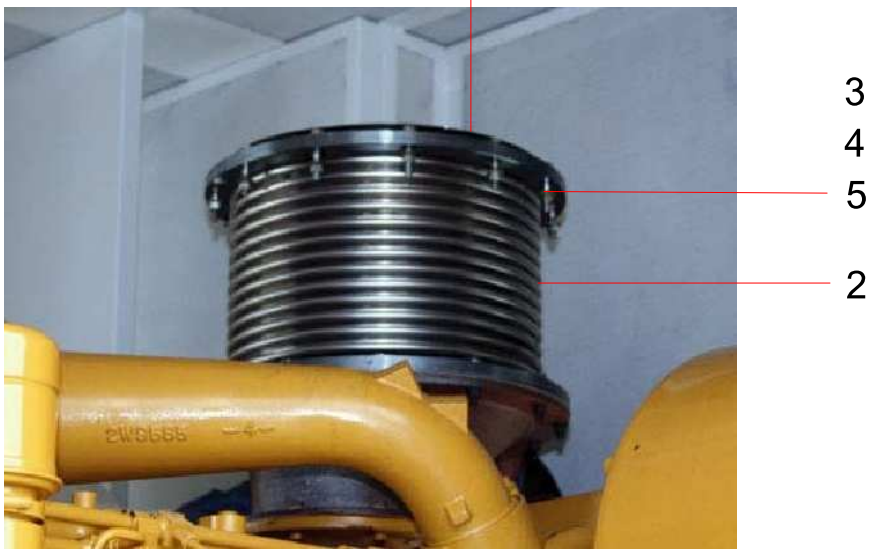
Position	Part Number	Quantity	Description	Notes
1	**40010232**	**1**	**Diesel engine**	¤
1.A	RI40010232-05	1	Sensor	
2	**40210023**	**1**	**Torque converter**	¤
2.A	RI40210023-01	1	Filter cartridge	
3	40590110	1	Cardan joint	-
4	01912402	1	Guard	-
5	01913546	1	Flange	-
6	01913578	1	Guard	-
8	01915429	1	Cover	-
9	01922204	1	Box	-
10	47100215	1	Battery disconnector	-
11	47400021	2	Battery	-


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Position	Part Number	Quantity	Description	Notes
1	01911361	1	Control panel	-
2	08810035	0.24 kg.	Rubber gasket	-
3	41050001	0.7 m.	Chain	-
4	01911048	1	Frame	-
5	70110605	4	Screw	-
6	70610608	4	Self-locking nut	-
7	70350604	28	Screw	-
8	70910611	28	Spring washer	-
9	01915501	1	Control panel	-
10	01913765	1	Control panel	-
11	01921545	1	Panel	-
12	01911049	2	Panel	-
13	71020068	4	Screw	-
14	70980407	4	Washer	-
15	70610406	4	Self-locking nut	-
16	40230090	2	Hook	-
17	71020067	4	Screw	-

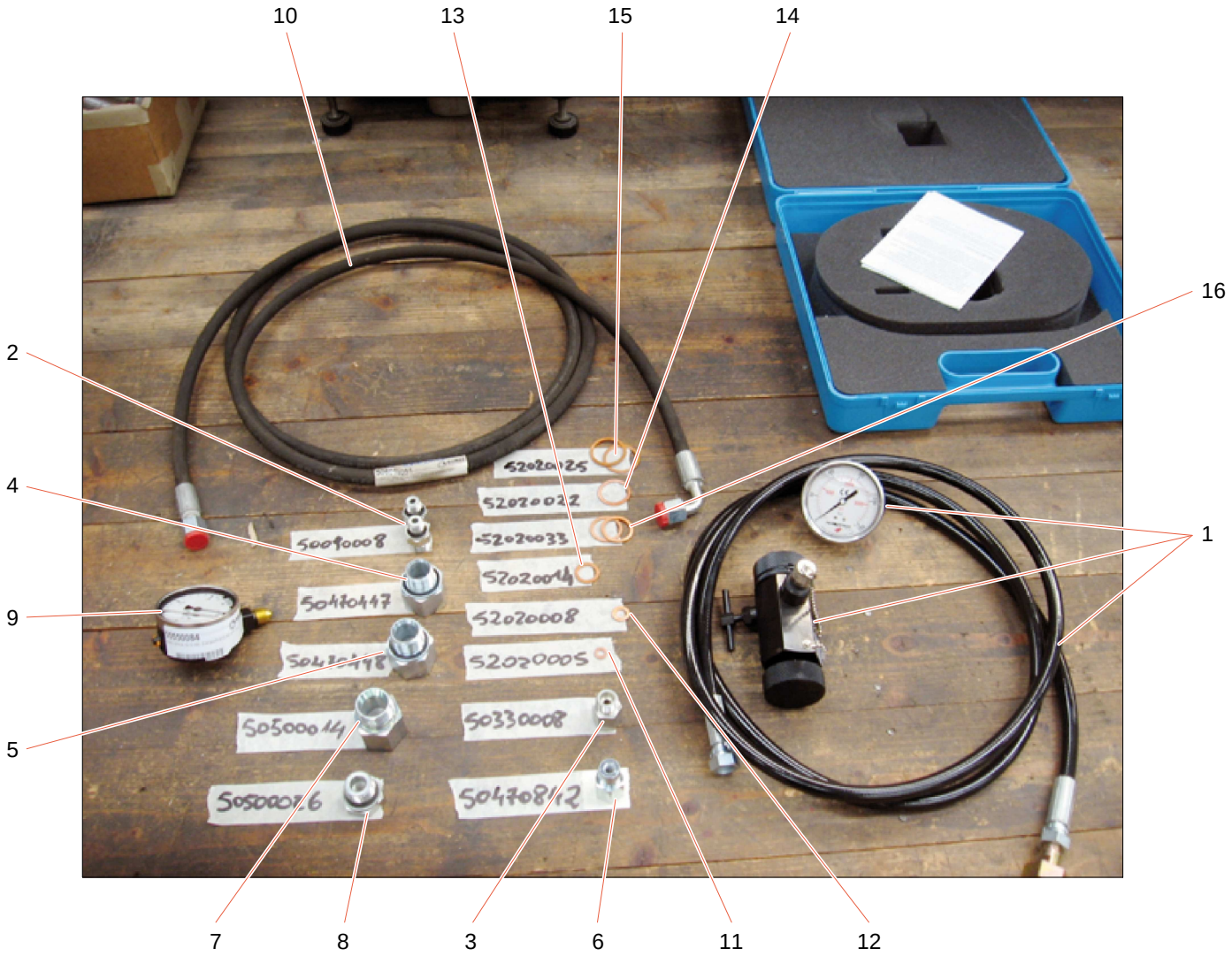

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Position	Part Number	Quantity	Description	Notes
1	01911669	2	Gasket	-
2	01911789	1	Compensator	-
3	70351010	8	Screw	-
4	70611012	8	Self-locking nut	-
5	70901022	16	Plain washer	-

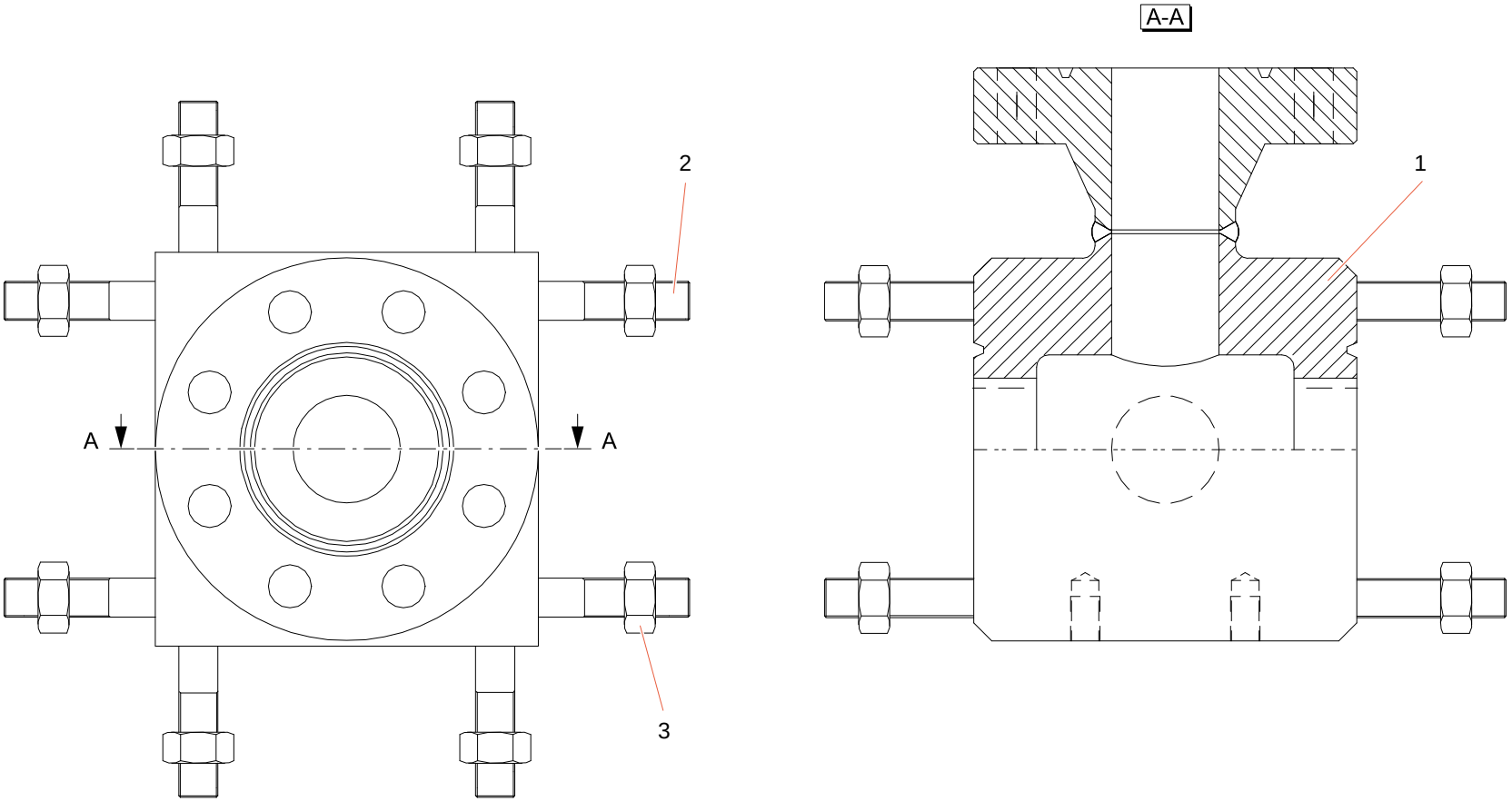
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3 Power pump preparation group

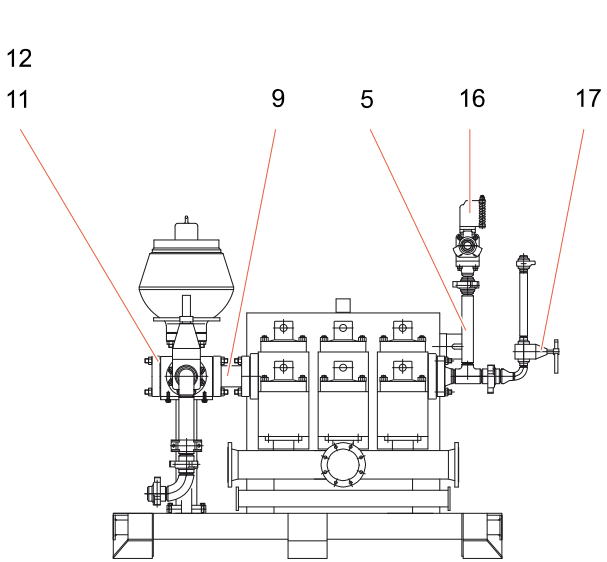
Table	Revision	Description	Notes
01913114 - 1	1 (01-2007)	Charging kit for pulsations damper	-
01914102 - 1	1 (01-2006)	Manifold with flange	-
01914225 - 1	0 (11-2008)	Pressure line	-
01914301 - 1	0 (02-2011)	Preparation of power pump on skid	-
01914307 - 1	0 (02-2011)	Frame anchorage unit	-
01914308 - 1	0 (02-2011)	Liners cooling system	-
01915335 - 1	1 (09-2006)	Transmission lubrication system	-
01915336 - 1	0 (09-2006)	Clutch and bell for connection	-
01915338 - 1	1 (09-2006)	Chain transmission	-
01915346 - 1	1 (09-2006)	Chain transmission guard	-
01915347 - 1	1 (09-2006)	Countershaft	-

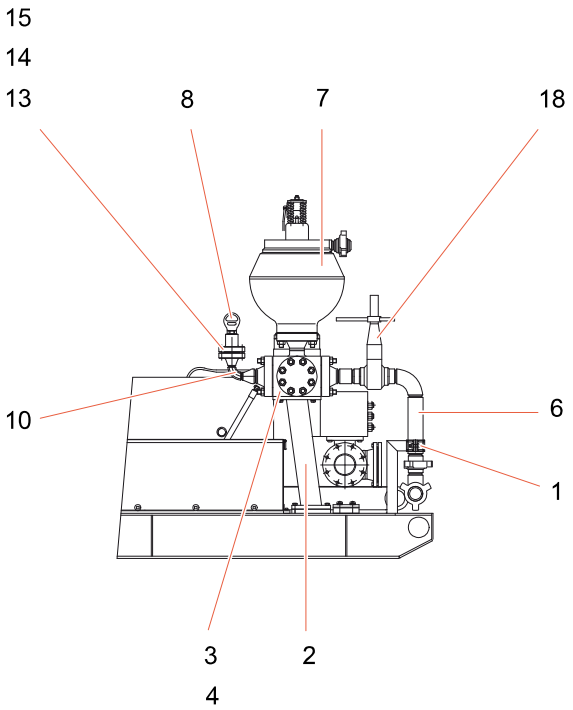

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Position	Part Number	Quantity	Description	Notes
1	09400106	1	Accumulator loading and pressure control group	-
2	50090008	2	Pipe fitting	-
3	50330008	1	Pipe fitting	-
4	50470447	1	Pipe fitting	-
5	50470448	1	Pipe fitting	-
6	50470842	1	Pipe fitting	-
7	50500014	1	Pipe fitting	-
8	50500026	1	Pipe fitting	-
9	50550084	1	Pressure gauge	-
10	506010051	1	Flexible hose	-
11	52020005	1	Retaining washer	-
12	52020008	1	Retaining washer	-
13	52020014	1	Retaining washer	-
14	52020022	1	Retaining washer	-
15	52020025	2	Retaining washer	-
16	52020033	2	Retaining washer	-

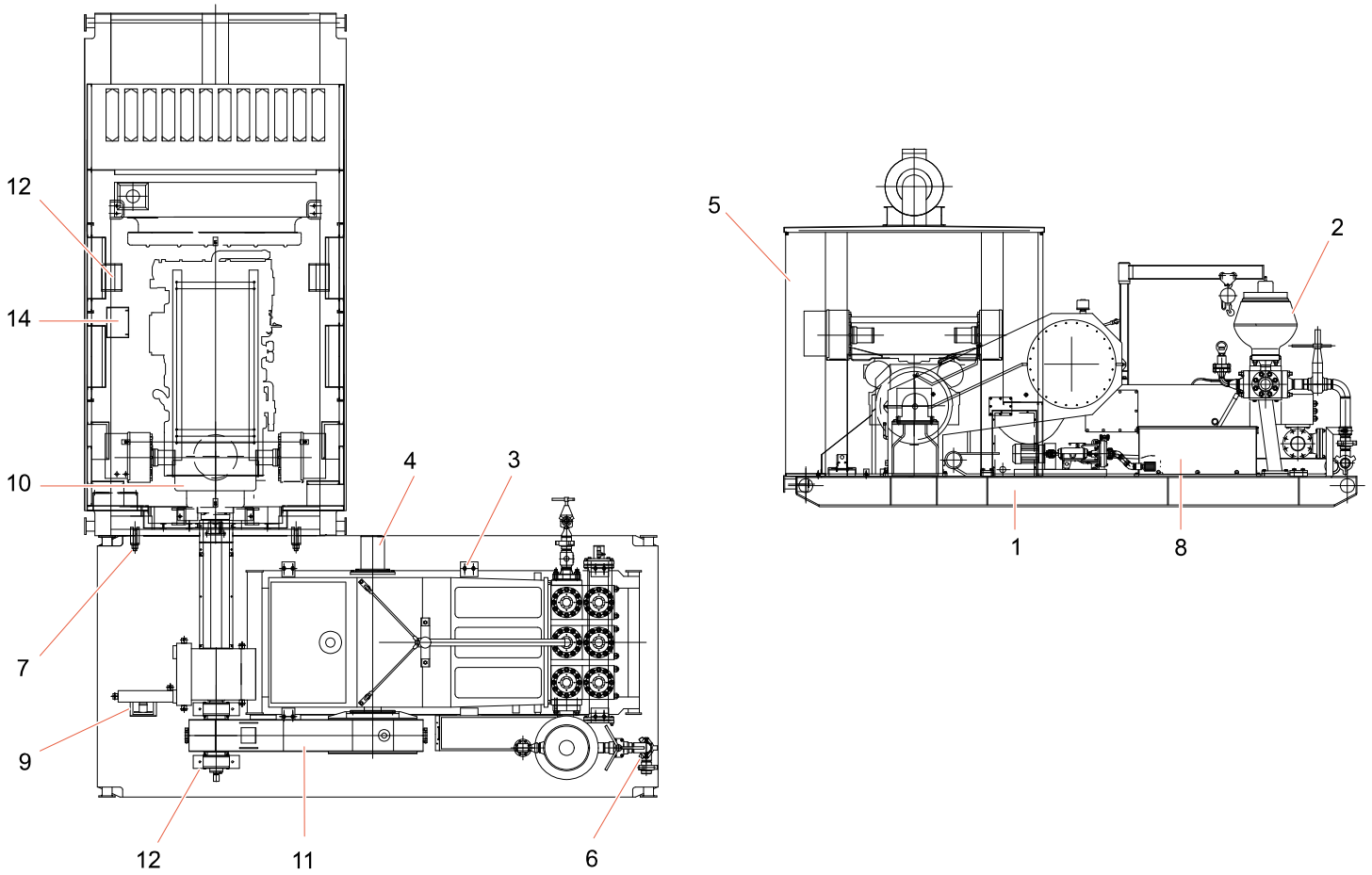

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Position	Part Number	Quantity	Description	Notes
1	01913325	1	Delivery block	-
2	01910859	32	Stud bolt	-
3	70760006	32	Nut	-

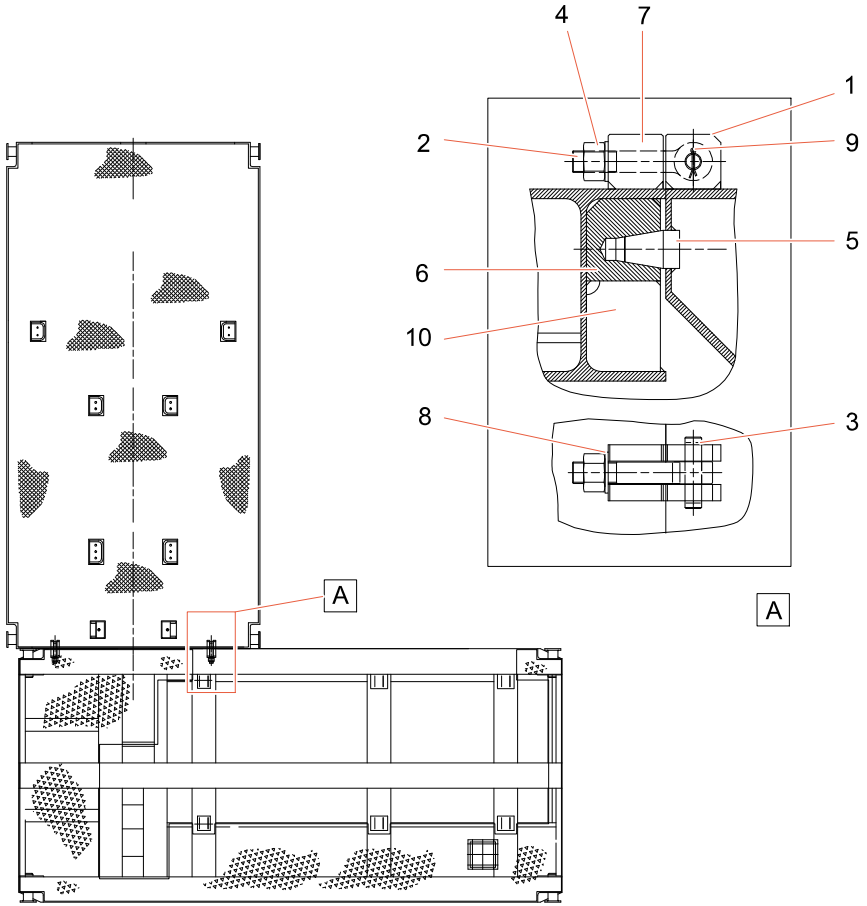

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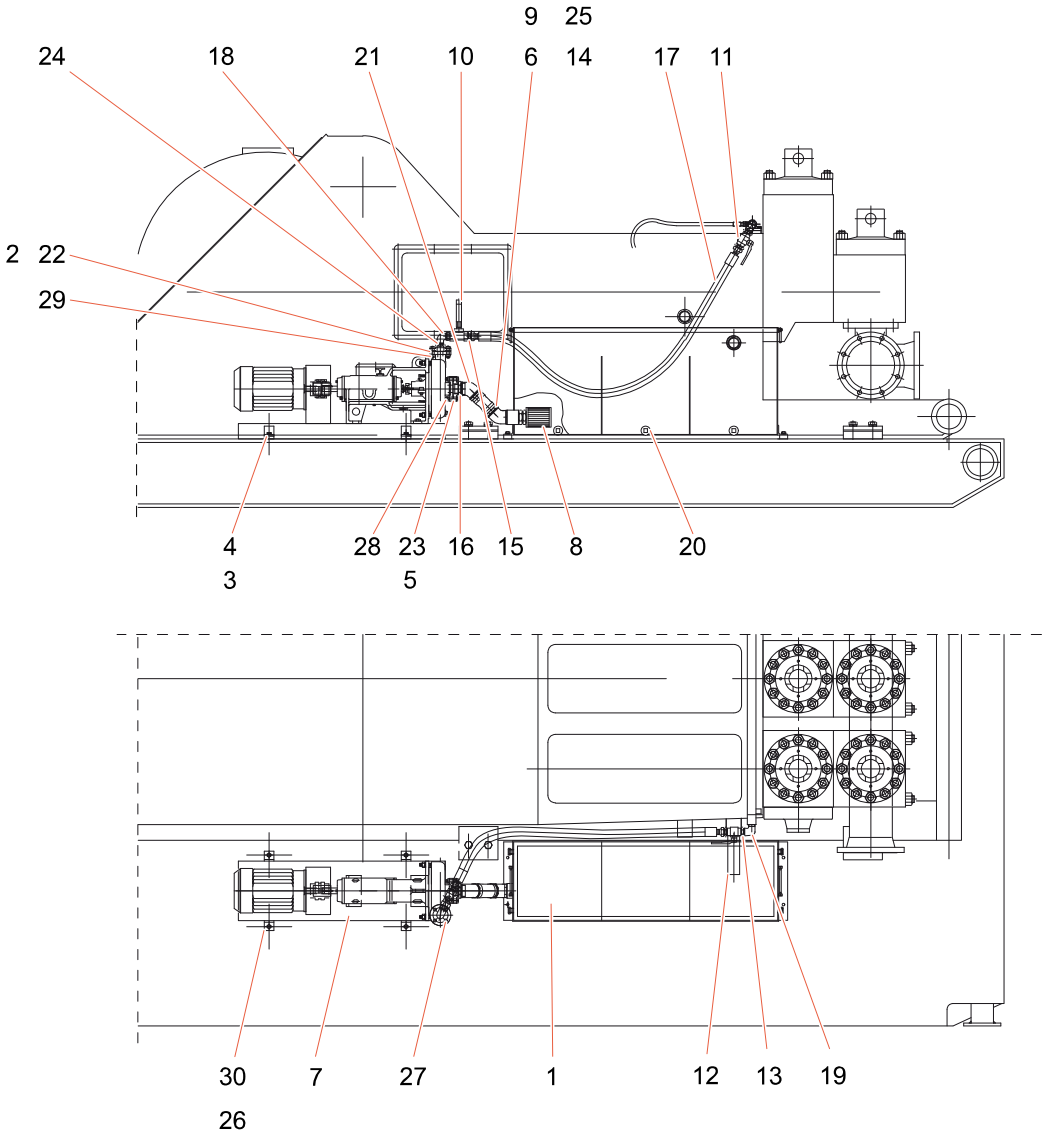
Position	Part Number	Quantity	Description	Notes
1	01913780	1	Support	-
2	01912407	1	Support	-
3	01913326	1	Filter	-
4	01914102	1	Manifold	★ 01914102-1
5	01913786	1	Pipeline	-
6	01913795	1	Pipeline	-
7	40390795	1	Pulsation damper	-
8	40391187	1	Manometer	-
9	40416937	1	Spool	-
10	01913785	1	Pipe	-
11	50960048	1	Flange	-
12	52450009	7	R39 ring joint	-
13	01913845	7	Stud bolt	-
14	52450003	1	Gasket	-
15	01961226	15	Nut	-
16	**40391118**	**1**	**Valve**	¤
16.A	RI40391118-01	1	Piston	
16.B	RI40391118-02	1	Cushion	
16.C	RI40391118-03	1	Stem bushing	
16.D	RI40391118-04	1	Sub to body seal	
16.E	RI40391118-05	1	Outer retainer	
16.F	RI40391118-06	1	Outer seal	
17	**50310157**	**1**	**Valve**	¤
17.A	RI50310157-03	1	Gasket kit	
17.B	RI50310157-04	1	Repair kit	
17.C	RI50310157-05	1	Repair kit	
17.D	RI50310157-06	1	Seal kit gate valve 2"-5000 psi	
18	**50310235**	**1**	**Valve**	¤
18.A	RI50310235-01	1	Gasket kit	


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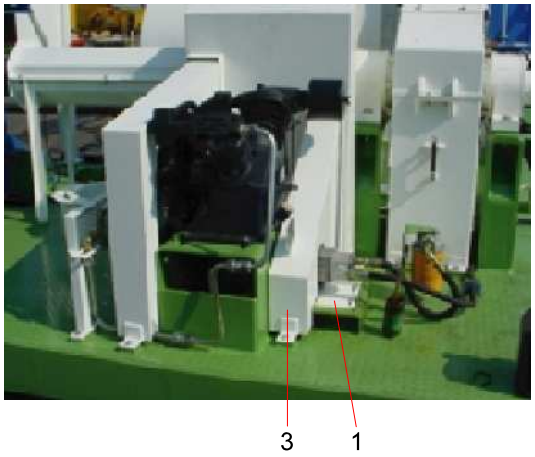
Position	Part Number	Quantity	Description	Notes
1	01912401	1	Frame	-
2	01913114	1	Hydril recharge kit	★ 01913114-1
3	01913317	6	Bracket	-
4	01913356	1	Cover	-
5	01913903	1	Description not available	-
6	01914225	1	Delivery piping group	★ 01914225-1
7	01914307	1	Ancoraggio telai	★ 01914307-1
8	01914308	1	Liner cooling assy	★ 01914308-1
9	01915335	1	Lubrication group	★ 01915335-1
10	01915336	1	Clutch installation	★ 01915336-1
11	01915338	1	Chain drive group	★ 01915338-1
12	01915347	1	Engine countershaft	★ 01915347-1
13	01922204	1	Box	-
14	09534339E	1	Indication plate	-

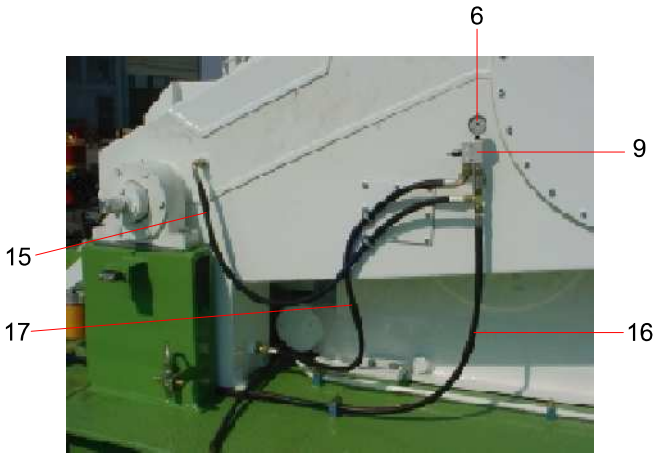

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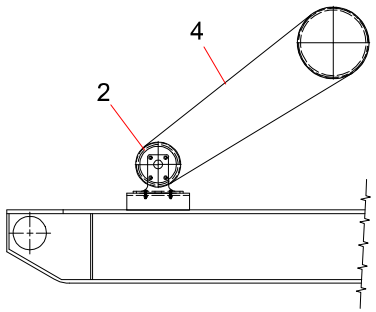
Position	Part Number	Quantity	Description	Notes
1	01917545	4	Trunnion	-
2	01913565	2	Tie rod	-
3	64021983	2	Pin	-
4	70683939	2	Nut	-
5	01913566	2	Pin	-
6	01913567	2	Guide	-
7	01913568	4	Plate	-
8	70903018	2	Plain washer	-
9	71050508	4	Split pin	-
10	01913569	2	Plate	-

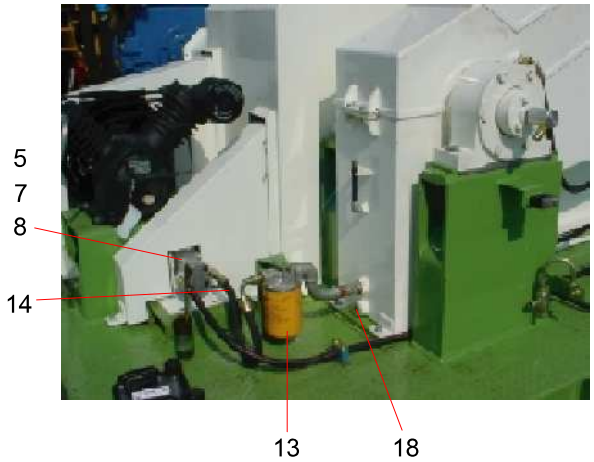

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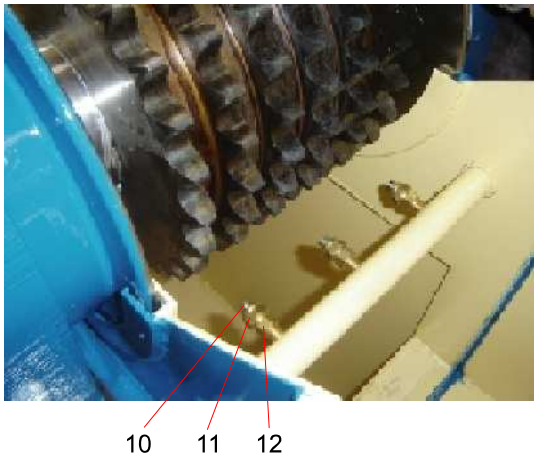
Position	Part Number	Quantity	Description	Notes
1	01913360	1	Tank	-
2	01917570	1	Gasket	-
3	01917751	4	Hanger	-
4	01921634	4	Base	-
5	01961227	1	Gasket	-
6	08810025	1.2 m.	Flexible hose	-
7	40110373	1	Pump	-
8	40390823	1	Filter	-
9	40740050	2	Clamp	-
10	47108060	1	Flowmeter	-
11	50310020	1	Ball valve	-
12	50480131	1	Stud	-
13	50590007	2	Pipe fitting	-
14	50590326	2	Nipple	-
15	50591105	3	Pipe fitting	-
16	50591123	1	Pipe fitting	-
17	50600707	1	Flexible pipe	-
18	50630026	1	Pipe fitting	-
19	50630036	1	Joint	-
20	50630066	6	Male plug	-
21	50630216	2	Elbow	-
22	50960097	1	Flange	-
23	50960098	1	Flange	-
24	52020037	2	Retaining washer	-
25	52030057	2	Retaining washer	-
26	70351204	4	Screw	-
27	70351410	4	Screw	-
28	70351411	4	Screw	-
29	70611416	8	Self-locking nut	-
30	70901224	4	Plain washer	-


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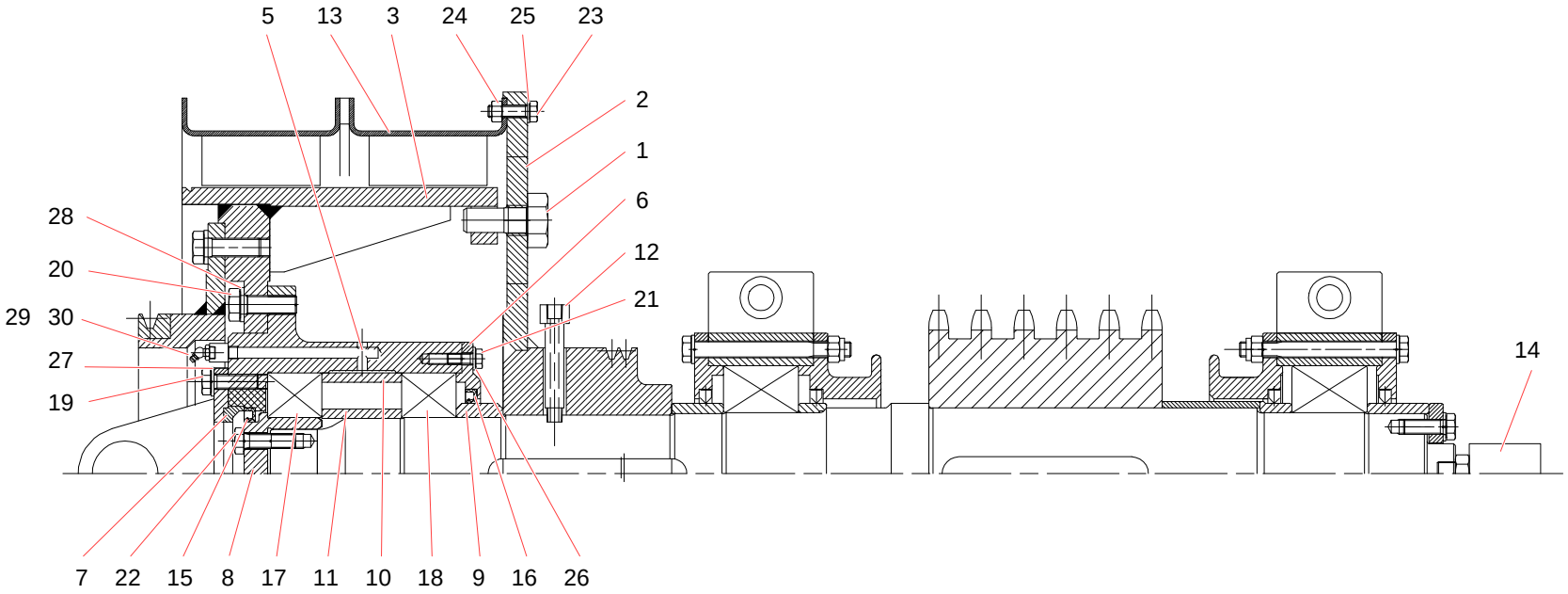

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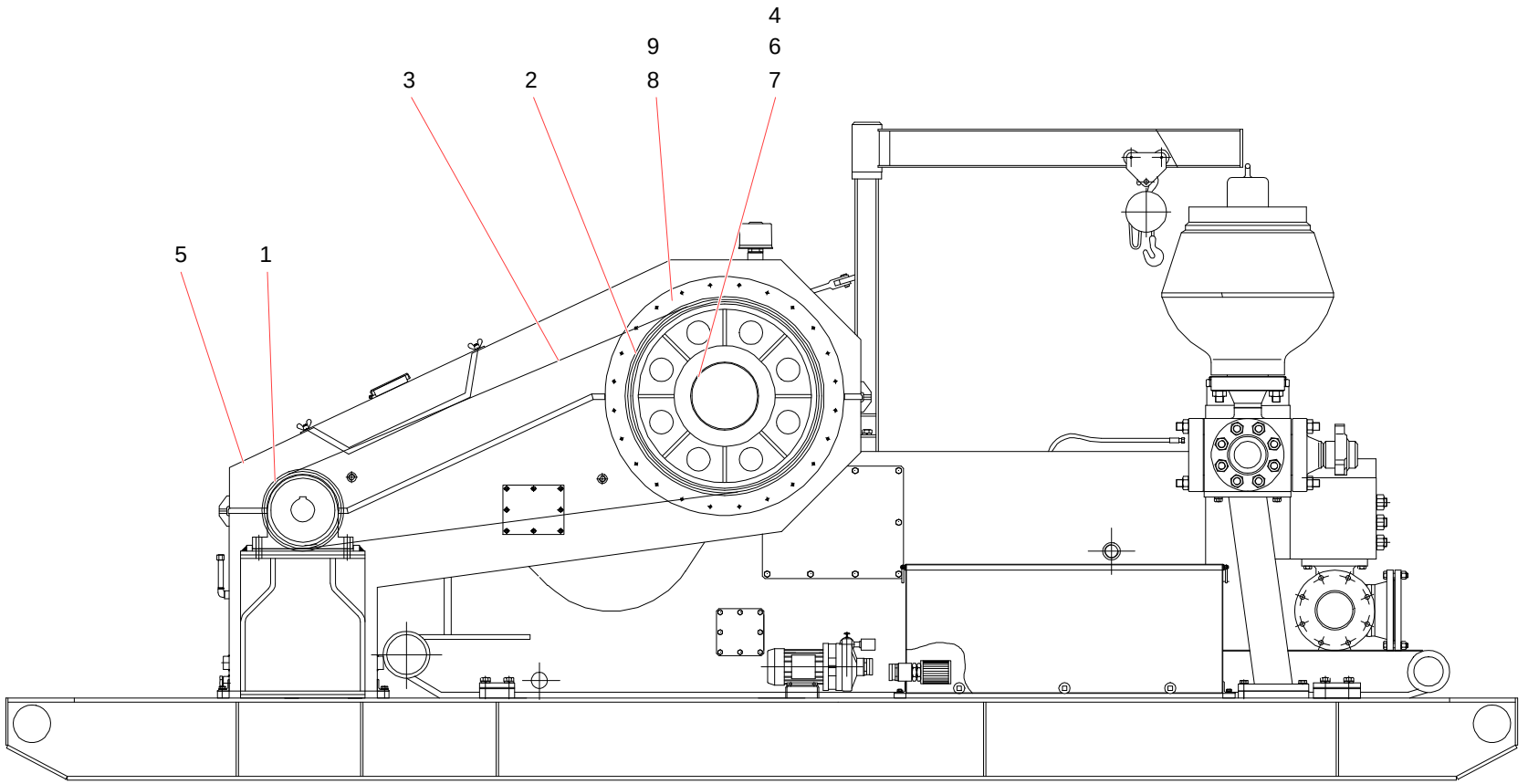

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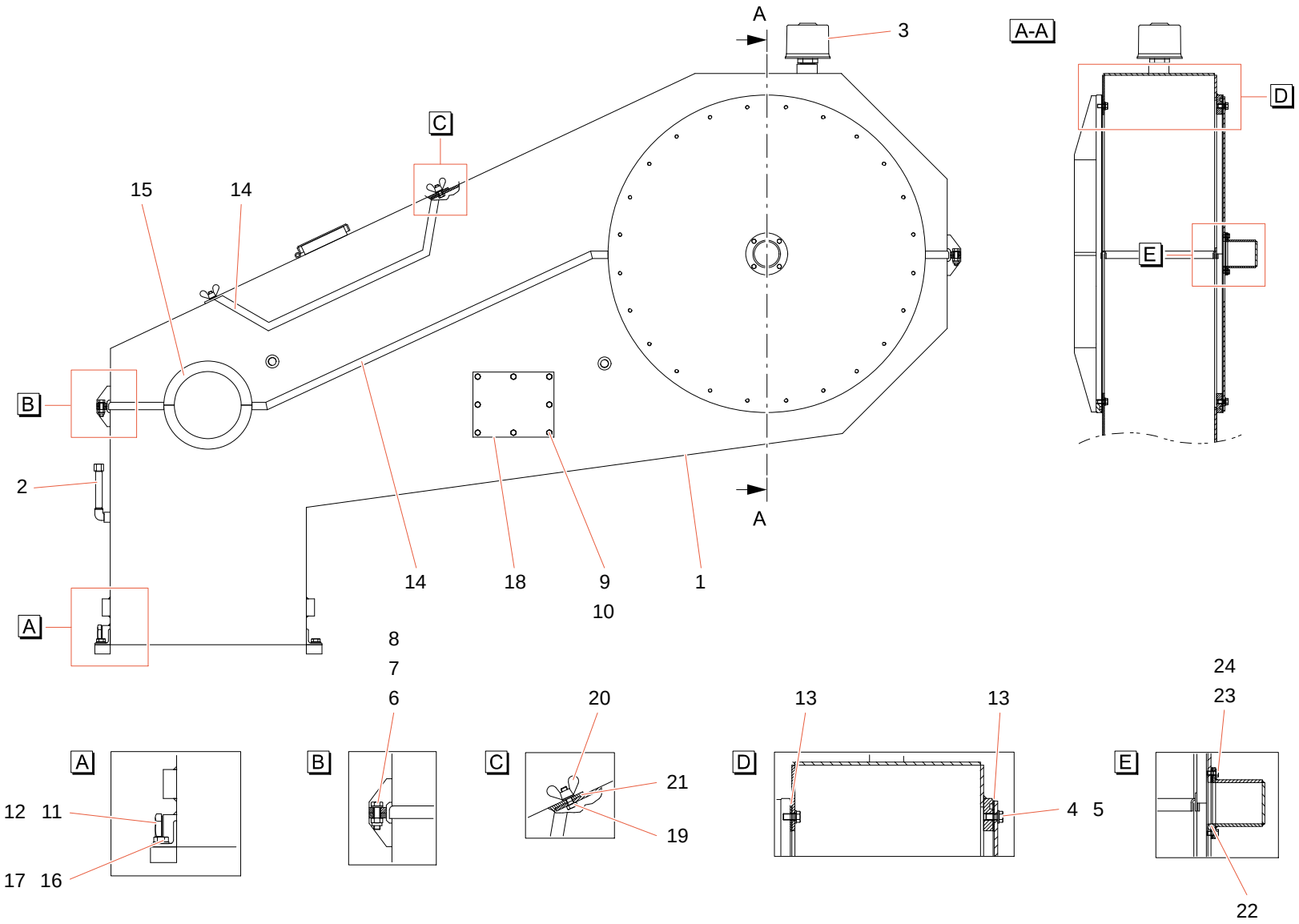
Position	Part Number	Quantity	Description	Notes
1	01912086	1	Frame	-
2	01912098	1	Pulley	-
3	01912404	1	Guard	-
4	40530145	2	Belt	-
5	40600047	1	Joint	-
6	50550136	1	Manometer	-
7	50700297	1	Support	-
8	50700335	1	Pump	-
9	50850436	1	Pressure relief valve	-
10	50850439	6	Nozzle	-
11	50850440	6	Nut	-
12	50850441	6	Body	-
13	50971137	1	Filter	-
14	50600489	1	Flexible hose	-
15	506010230	1	Flexible hose	-
16	506010318	1	Flexible hose	-
17	506010345	1	Flexible hose	-
18	50530093	1	Magnetic filter	-


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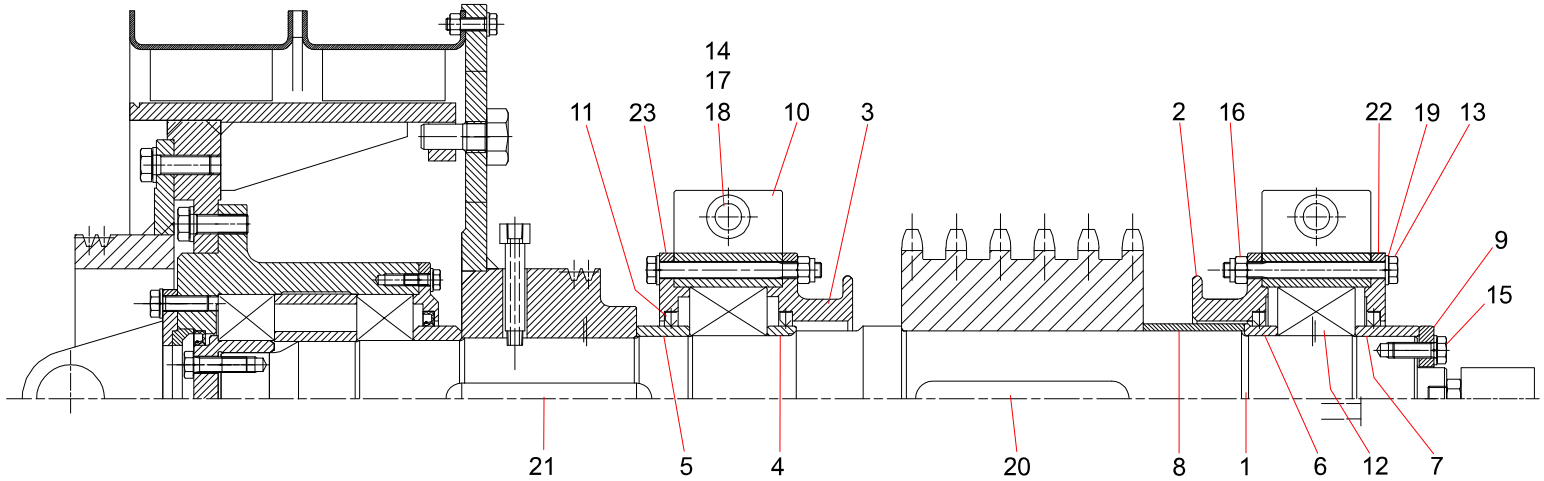
Position	Part Number	Quantity	Description	Notes
1	01906649	2	Screw	-
2	01912081	1	Flange	-
3	01912087	1	Drum	-
5	01913537	1	Hub	-
6	01913538	1	Cover	-
7	01913539	1	Ring	-
8	01913540	1	Support	-
9	01913547	1	Spacer	-
10	01913548	1	Spacer	-
11	01913549	1	Spacer	-
12	01913551	2	Reduction adapter	-
13	**40180034**	**1**	**Air clutch**	¤
13.A	RI40180034-02	1	24cb500 replacement shoes kit	
14	50640201	1	Rotorseal	-
15	52080158	1	Oil retainer	-
16	52090210	1	Oil retainer	-
17	61070097	1	Bearing	-
18	61070171	1	Bearing	-
19	70291608	8	Screw	-
20	70292012	12	Screw	-
21	70351207	6	Screw	-
22	70351611	3	Screw	-
23	70390064	16	Screw	-
24	71300080	16	Nut	-
25	70900005	16	Plain washer	-
26	70903008	6	Plain washer	-
27	70903010	11	Plain washer	-
28	70903012	12	Plain washer	-
29	01912400	1	Extension	-
30	61010007	1	Greasing nipple	-


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Position	Part Number	Quantity	Description	Notes
1	01912083	1	Sprocket	-
2	01912084	1	Gear rim	-
3	01912085	1	Chain	-
4	01913340	1	Bushing	-
5	01915346	1	Transmission assembly	★ 01915346-1
6	70410147	1	Screw	-
7	70550034	4	Screw	-
8	01912092	1	Support	-
9	01913791	1	Gasket	-


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Position	Part Number	Quantity	Description	Notes
1	01912096	1	Frame	-
2	01910656	1	Level gauge	-
4	**50530023**	**1**	**Filter**	¤
4.A	RI50530023-01	1	Air cartridge	
4	70351205	48	Screw	-
5	52020012	48	Retaining washer	-
6	70351209	4	Screw	-
7	70901224	4	Plain washer	-
8	70611215	4	Self-locking nut	-
9	70351005	8	Screw	-
10	52020010	8	Retaining washer	-
11	52020035	1	Retaining washer	-
12	50520045	1	Male plug	-
13	01913745	2	Gasket	-
14	08800068	6 m.	Rubber profile	-
15	08800058	0.5 m.	Rubber gasket	-
16	70351607	4	Screw	-
17	70903010	4	Plain washer	-
18	01912099	1	Gasket	-
19	70351206	4	Screw	-
20	70750007	4	Nut	-
21	70911221	4	Spring washer	-
22	01912432	1	Gasket	-
23	52020008	4	Retaining washer	-
24	70350803	4	Screw	-

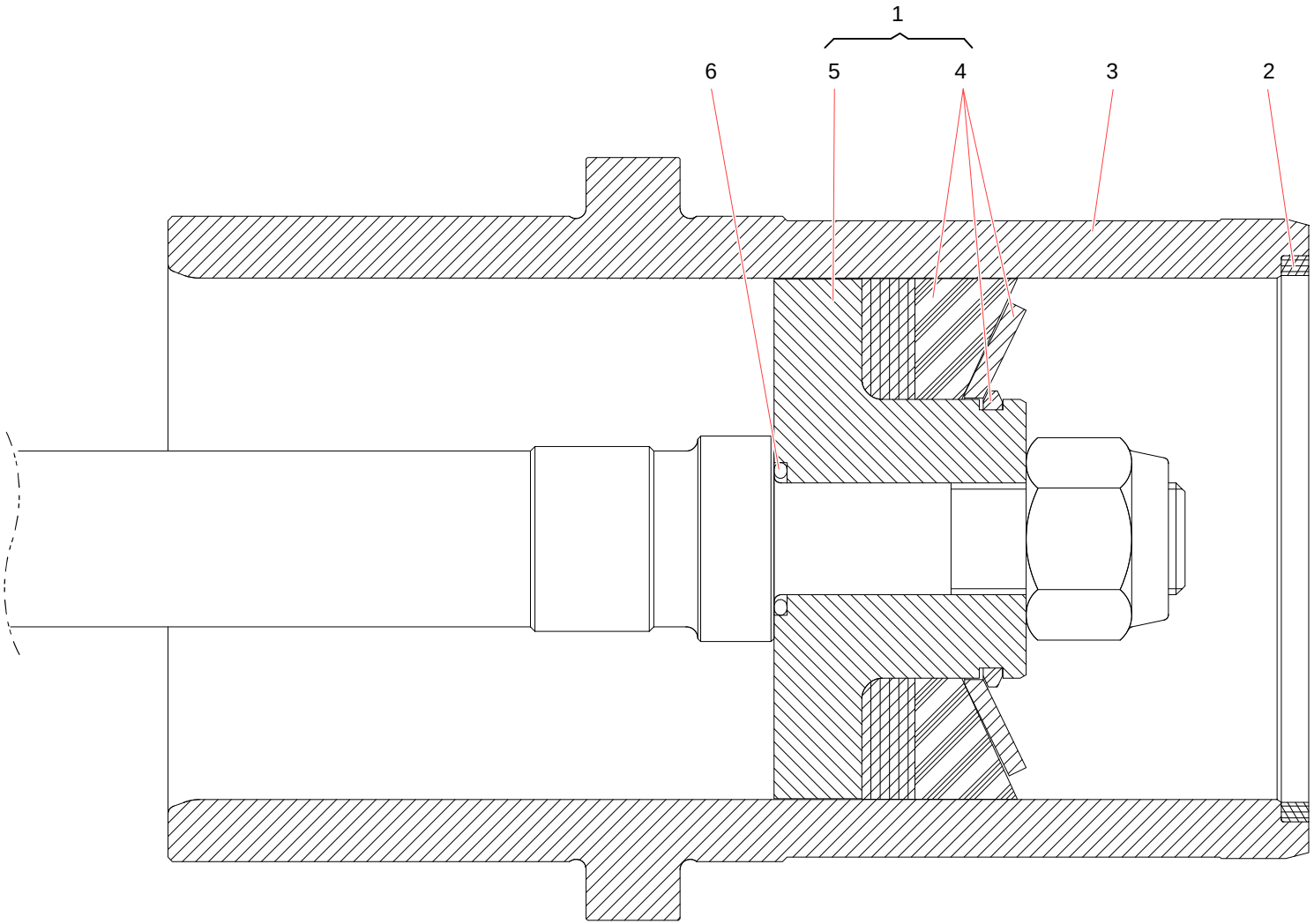

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Position	Part Number	Quantity	Description	Notes
1	01912089	1	Shaft	-
2	01912094	1	Cover	-
3	01912095	1	Cover	-
4	01913532	1	Spacer	-
5	01913541	1	Spacer	-
6	01915405	1	Spacer	-
7	01915406	1	Spacer	-
8	01915407	1	Spacer	-
9	01915408	1	Cover	-
10	01915409	2	Support	-
11	52080170	4	Oil retainer	-
12	61070116	2	Bearing	-
13	70311634	12	Screw	-
14	70332426	4	Screw	-
15	70351609	3	Screw	-
16	70611618	12	Self-locking nut	-
17	70612429	4	Self-locking nut	-
18	70902445	4	Plain washer	-
19	70903010	15	Plain washer	-
20	71063644	1	Tang	-
21	71073236	1	Tang	-
22	01913542	1	Cover	-
23	01913550	1	Cover	-

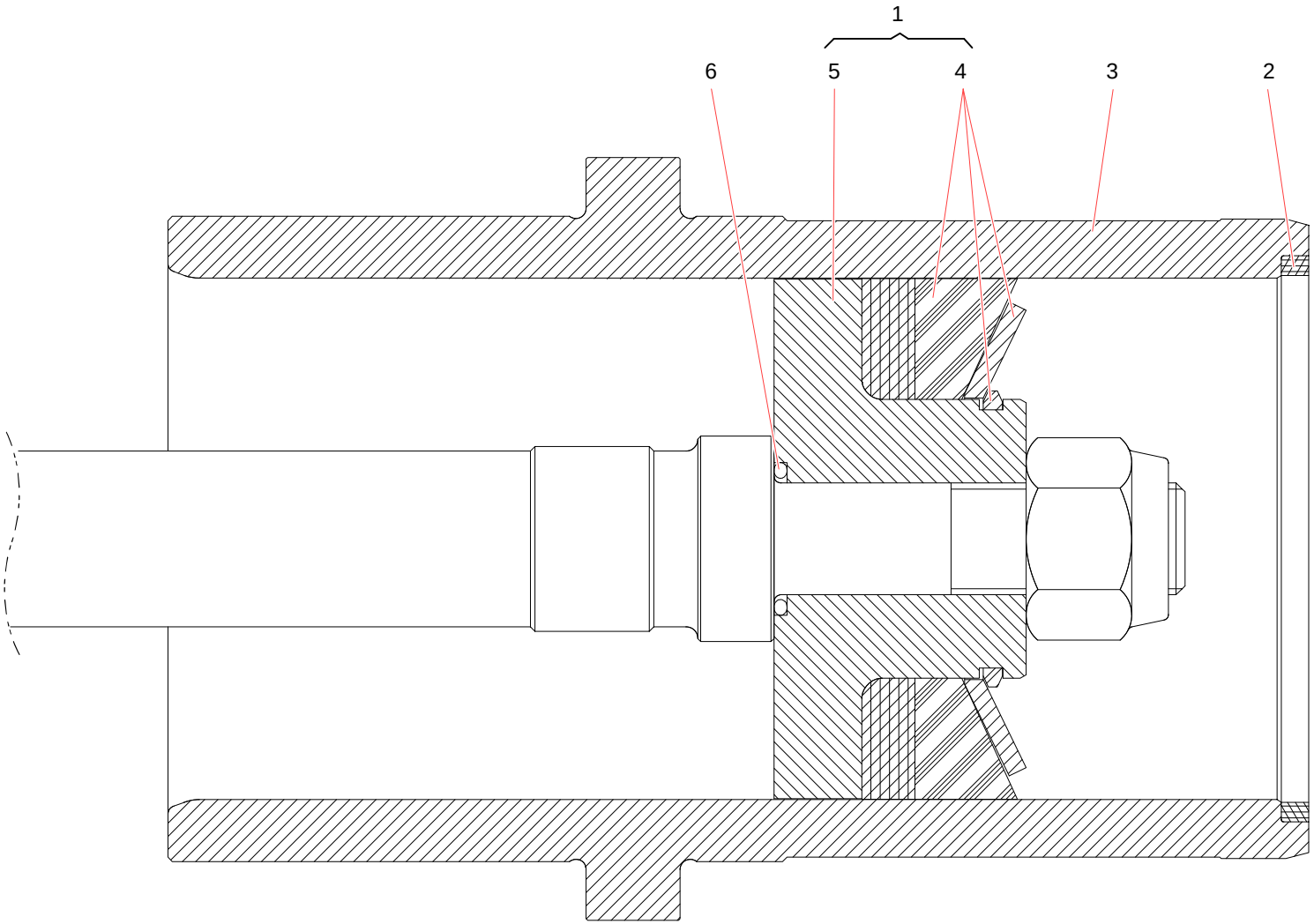
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4 Liner and piston group

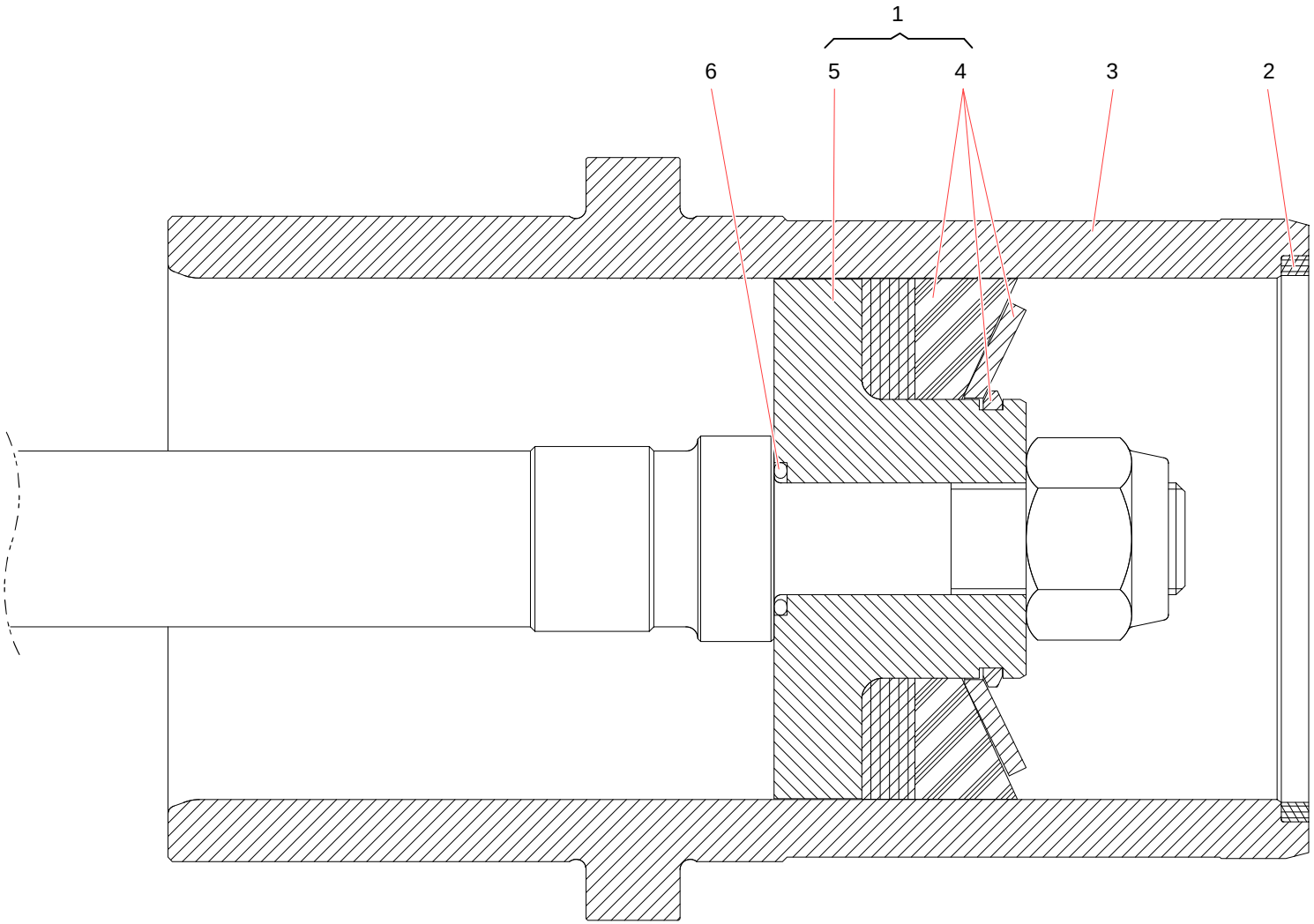
Table	Revision	Description	Notes
01914101 - 1	1 (01-2006)	Ø 4 ½" liner and piston kit	-
01913115 - 1	1 (01-2006)	Ø 5" liner and piston kit	-
01913152 - 1	1 (01-2006)	Ø 5 ½" liner and piston kit	-
01913117 - 1	1 (01-2006)	Ø 6" liner and piston kit	-
01913175 - 1	1 (01-2006)	Ø 6 ½" liner and piston kit	-
01913179 - 1	0 (09-2006)	Ø 7" liner and piston kit	-


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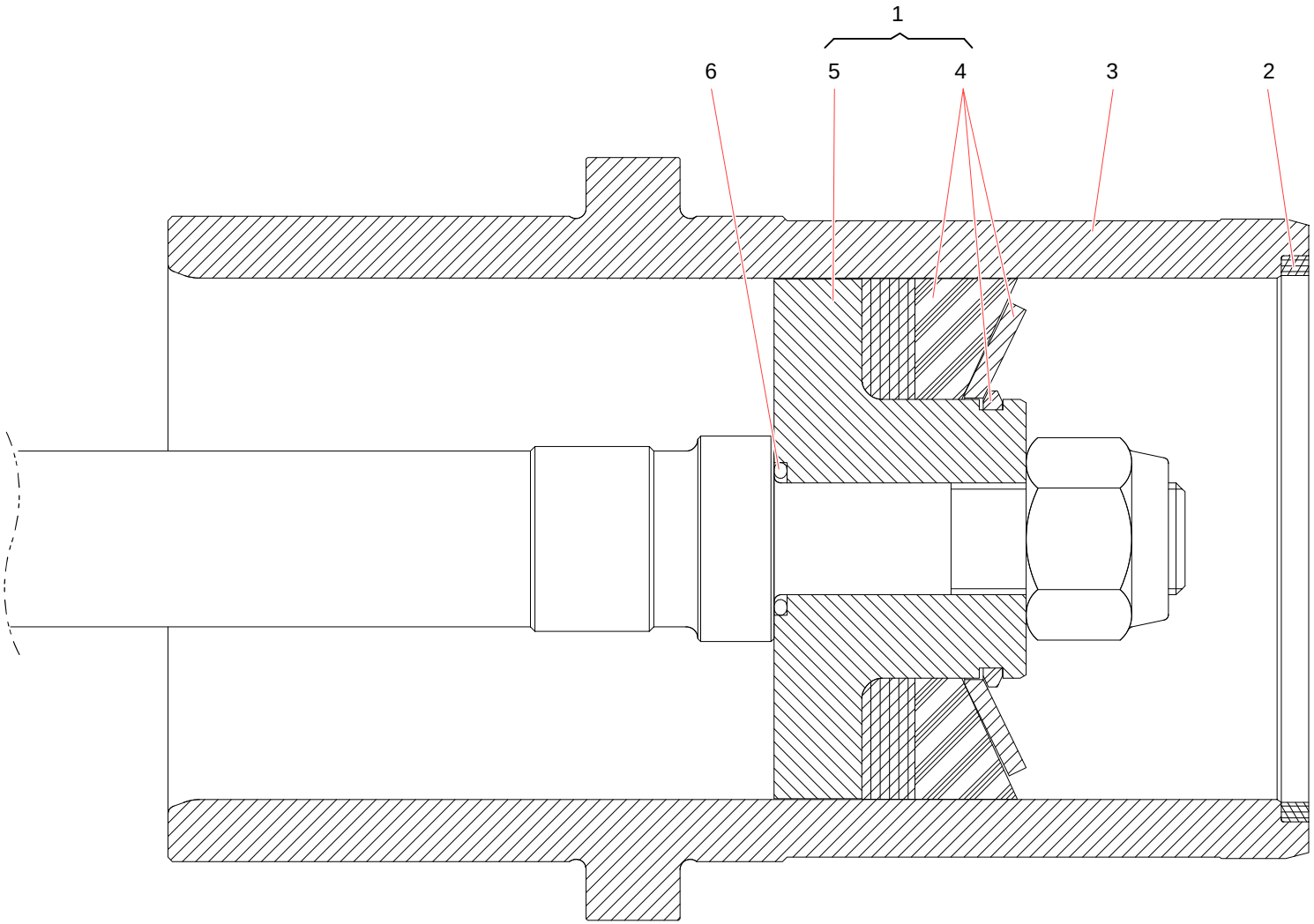
Position	Part Number	Quantity	Description	Notes
1	01912152	3	4.1/2" piston	-
2	01913525	3	4.1/2" liner gasket	-
3	01913505	3	4.1/2" liner	-
4	01912158	3	4.1/2" piston rubber kit	-
5	01910970	3	4.1/2" piston	-
6	52104187	3	O-ring	-


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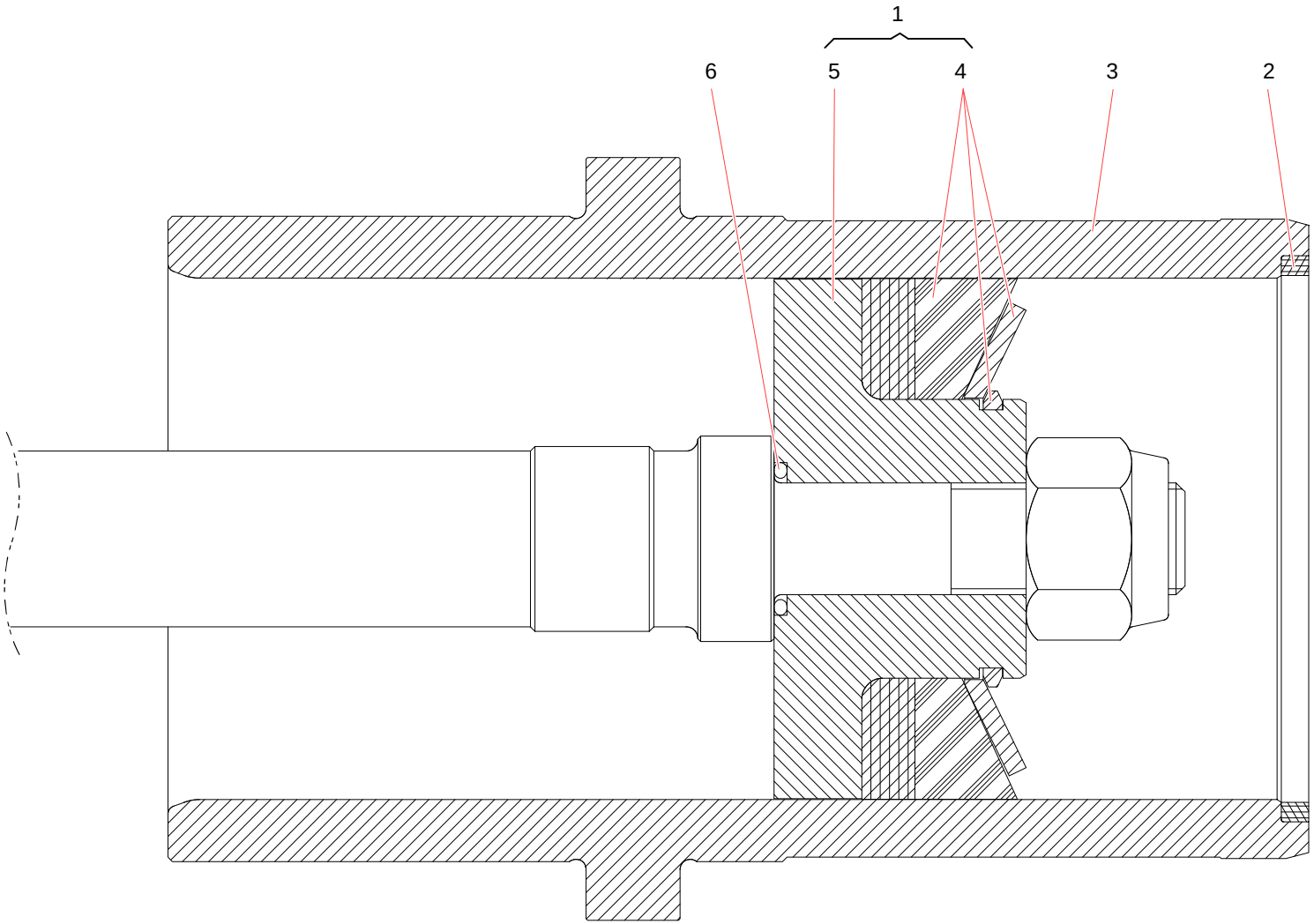
Position	Part Number	Quantity	Description	Notes
1	01912153	3	5" piston	-
2	01913284	3	5" liner gasket	-
3	01913503	3	5" liner	-
4	01912159	3	5" piston rubber kit	-
5	01910862	3	5" piston	-
6	52104187	3	O-ring	-


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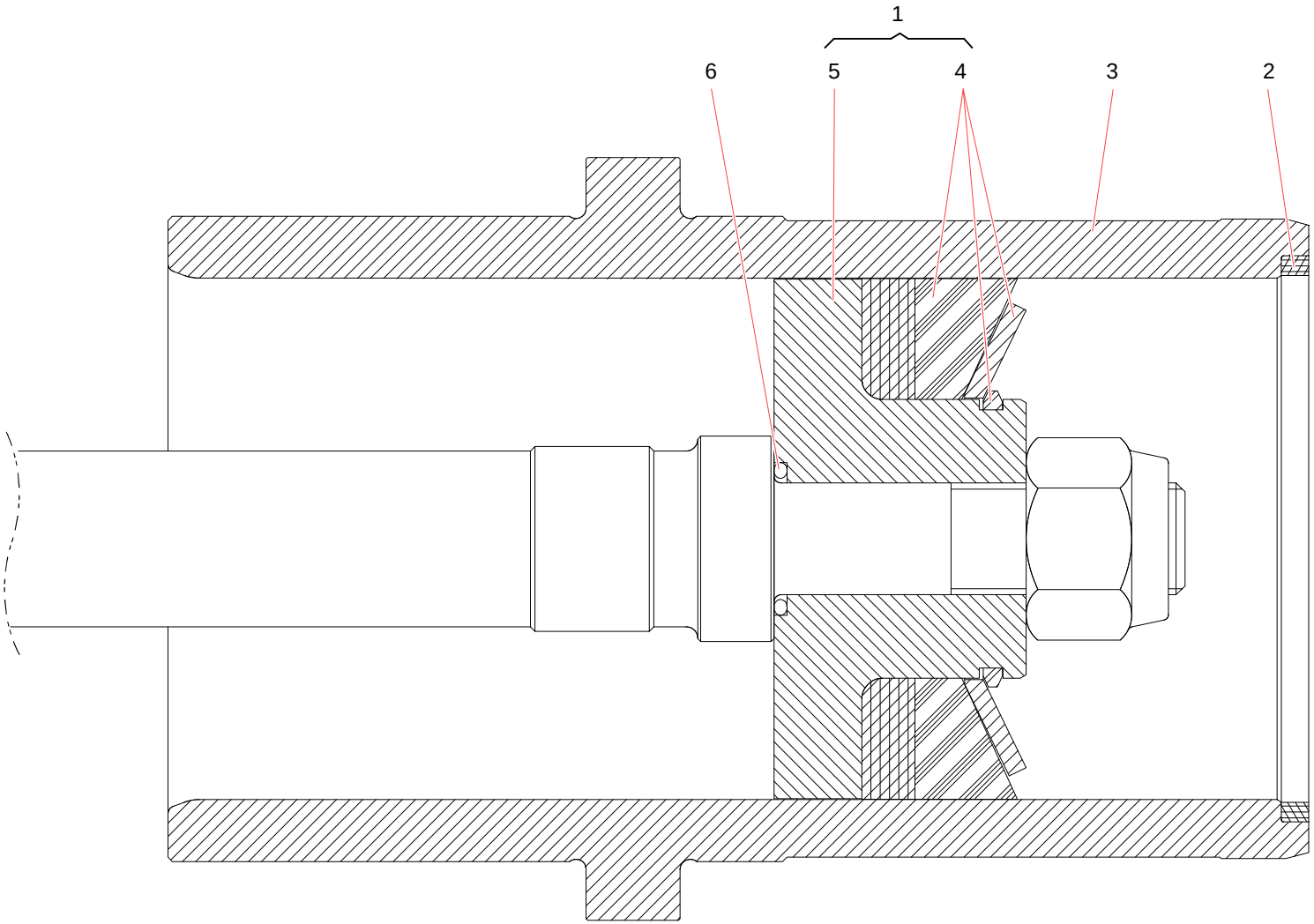
Position	Part Number	Quantity	Description	Notes
1	01912154	3	5.1/2" piston	-
2	01913508	3	5.1/2" liner gasket	-
3	01913288	3	5.1/2" liner	-
4	01912160	3	5.1/2" piston rubber kit	-
5	01910938	3	5.1/2" piston	-
6	52104187	3	O-ring	-


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Position	Part Number	Quantity	Description	Notes
1	01912163	3	6" piston assembled complete	-
2	01913292	3	6" liner gasket	-
3	01913293	3	6" liner	-
4	01913119	3	6" piston rubber kit	-
5	01910863	3	6" piston	-
6	52104187	3	O-ring	-


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Position	Part Number	Quantity	Description	Notes
1	01912149	3	6.1/2" piston	-
2	01913581	3	6.1/2" liner gasket	-
3	01913290	3	6.1/2" liner	-
4	01912287	3	6.1/2" piston rubber kit	-
5	01911061	3	6.1/2" piston	-
6	52104187	3	O-ring	-

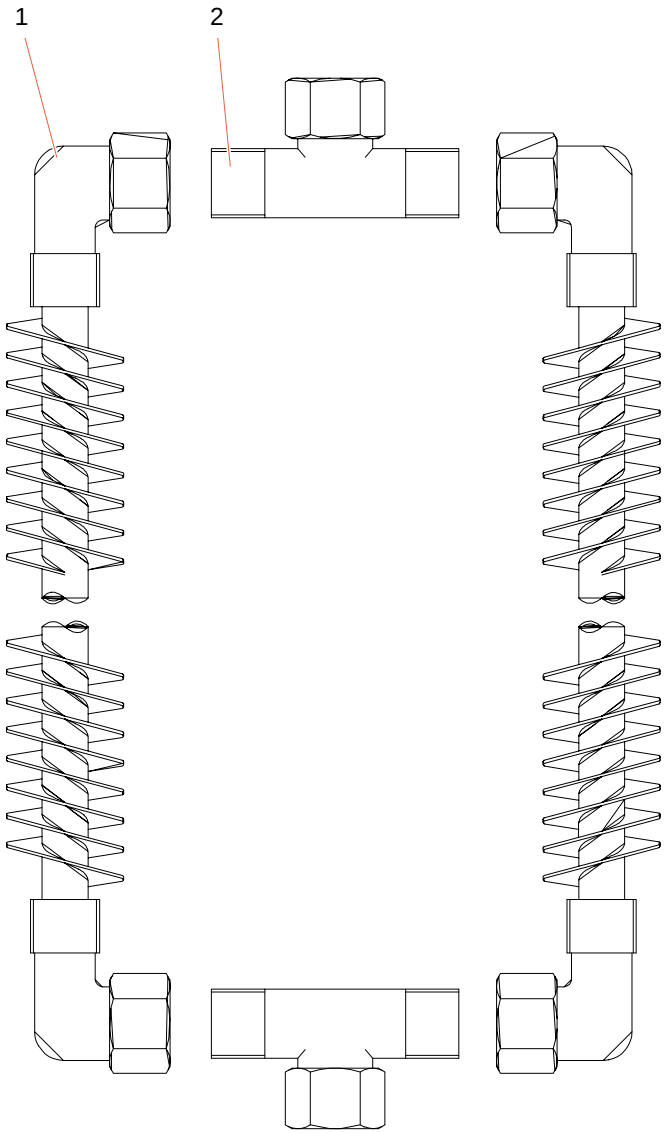

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Position	Part Number	Quantity	Description	Notes
1	01912155	3	7" piston	-
2	01913315	3	Gasket	-
3	01913294	3	7" liner	-
4	01912156	1	7" piston rubber kit	-
5	01920592	1	7" piston	-
6	52104187	1	O-ring	-

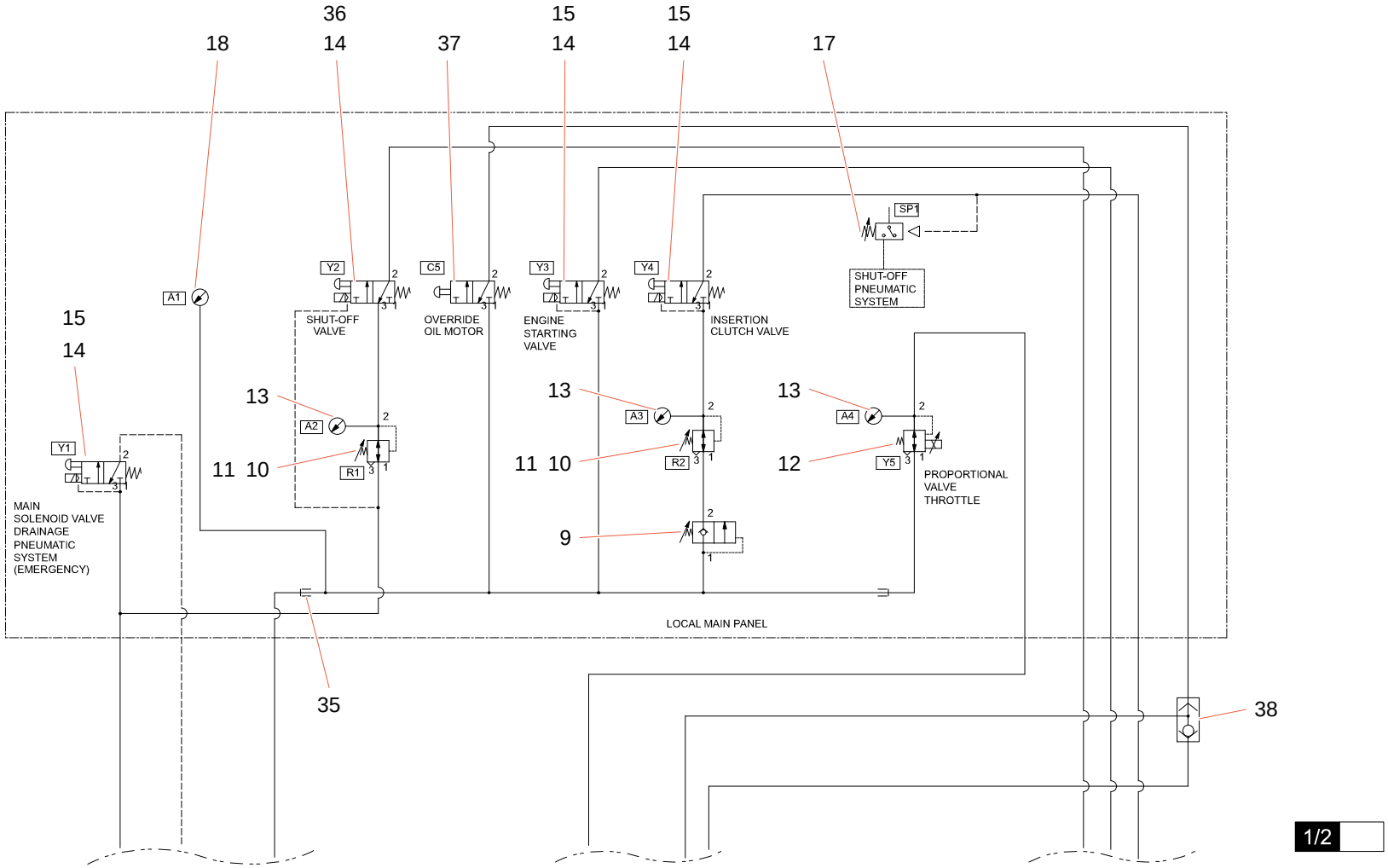
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5 Pneumatic system group

Table	Revision	Description	Notes
01904178 - 1	0 (09-2006)	Cooling tube air	-
01914196 - 1	0 (11-2008)	Pneumatic system plan	-
01914196 - 2	0 (11-2008)	Pneumatic system plan	-

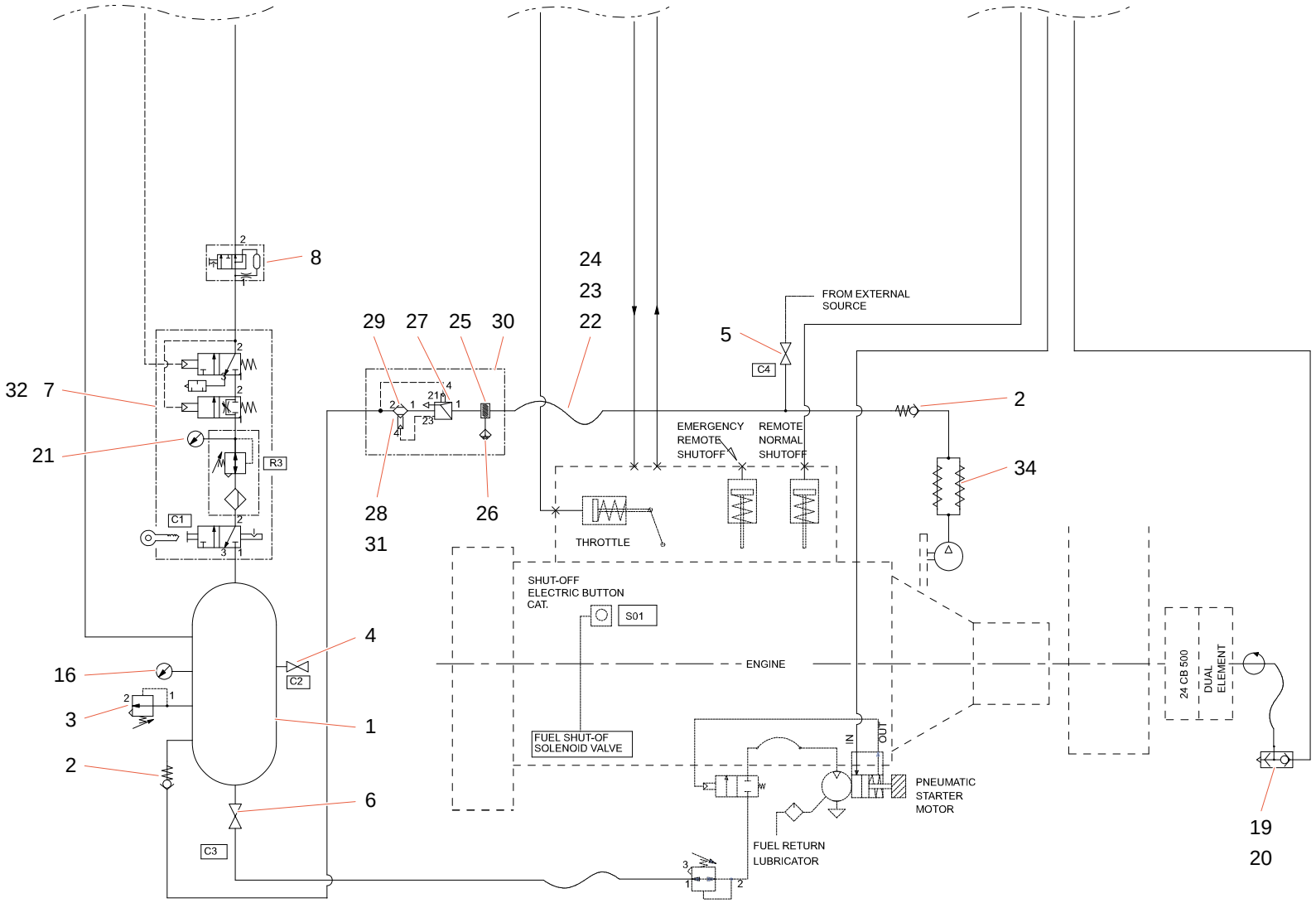

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Position	Part Number	Quantity	Description	Notes
1	01911952	2	Pipe	-
2	50260016	2	Pipe fitting	-


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SP1
SHUT-OFF PNEUMATIC SYSTEM
Y2
C5
Y3
Y4
A1
SHUT-OFF VALVE
OVERRIDE OIL MOTOR
ENGINE STARTING VALVE
INSERTION CLUTCH VALVE
15
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A2
A3
A4
Y1
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11 10
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R1
R2
Y5
PROPORTIONAL VALVE THROTTLE
MAIN SOLENOID VALVE DRAINAGE PNEUMATIC SYSTEM (EMERGENCY)
9
LOCAL MAIN PANEL
35
38

1/2

Position	Part Number	Quantity	Description	Notes
9	50640886	1	Valve	-
10	50641084	2	Regulator	-
11	50640884	2	Bracket	-
12	50640808	1	Valve	-
13	50550141	3	Manometer	-
14	50641167	4	Silencer	-
15	50640779	3	Solenoid valve	-
17	50641172	2	Pressure switch	-
18	50550145	1	Manometer	-
35	50470363	1	Manifold	-
36	50641529	1	Valve	-
37	50640406	1	Valve	-
38	50640257	1	Valve	-


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FROM EXTERNAL SOURCE
C4
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EMERGENCY REMOTE SHUTOFF
REMOTE NORMAL SHUTOFF
R3
C1
THROTTLE
SHUT-OFF ELECTRIC BUTTON CAT.
S01
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16
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C2
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C3
ENGINE
FUEL SHUT-OF SOLENOID VALVE
IN
OUT
PNEUMATIC STARTER MOTOR
FUEL RETURN LUBRICATOR
24 CB 500
DUAL ELEMENT
19
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2/2

Position	Part Number	Quantity	Description	Notes
1	019011650	1	Air tank	-
2	50640892	2	Valve	-
3	50641171	1	Valve	-
4	50310016	1	Ball valve	-
5	50310018	1	Ball valve d. 1/2" insa-art.727	-
6	50310022	1	Ball valve	-
7	50641570	1	Air treatment unit	-
8	50640414	1	Antifreezer	-
16	50550136	1	Manometer	-
19	50640422	1	Valve	-
20	50641164	1	Silencer	-
21	50550142	1	Manometer	-
22	40850146	2	Nut	-
23	40850147	2	Ring	-
24	40850148	1	Flexible hose	-
25	50640493	1	Condensate separator	-
26	50640494	1	Automatic condensate exaust	-
27	50640485	1	Regulator	-
28	50640501	1	Connector	-
29	**50640486**	**1**	**Air dryer**	¤
29.A	RI50640486-01	1	Complete heater	
29.B	RI50640486-02	1	Heater cap	
29.C	RI50640486-03	1	O-ring	
30	01911696	1	Support	-
31	50640425	1	Connector	-
32	50640901	1	Bracket kit	-
34	01904178	1	Air cooling assembly	★ 01904178-1