Spare Parts Catalogue

Spare parts catalogue **CR191117** - Revision: **0**

Valid for product serial no. **13547**

7TS600

Triplex mud pump

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

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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.

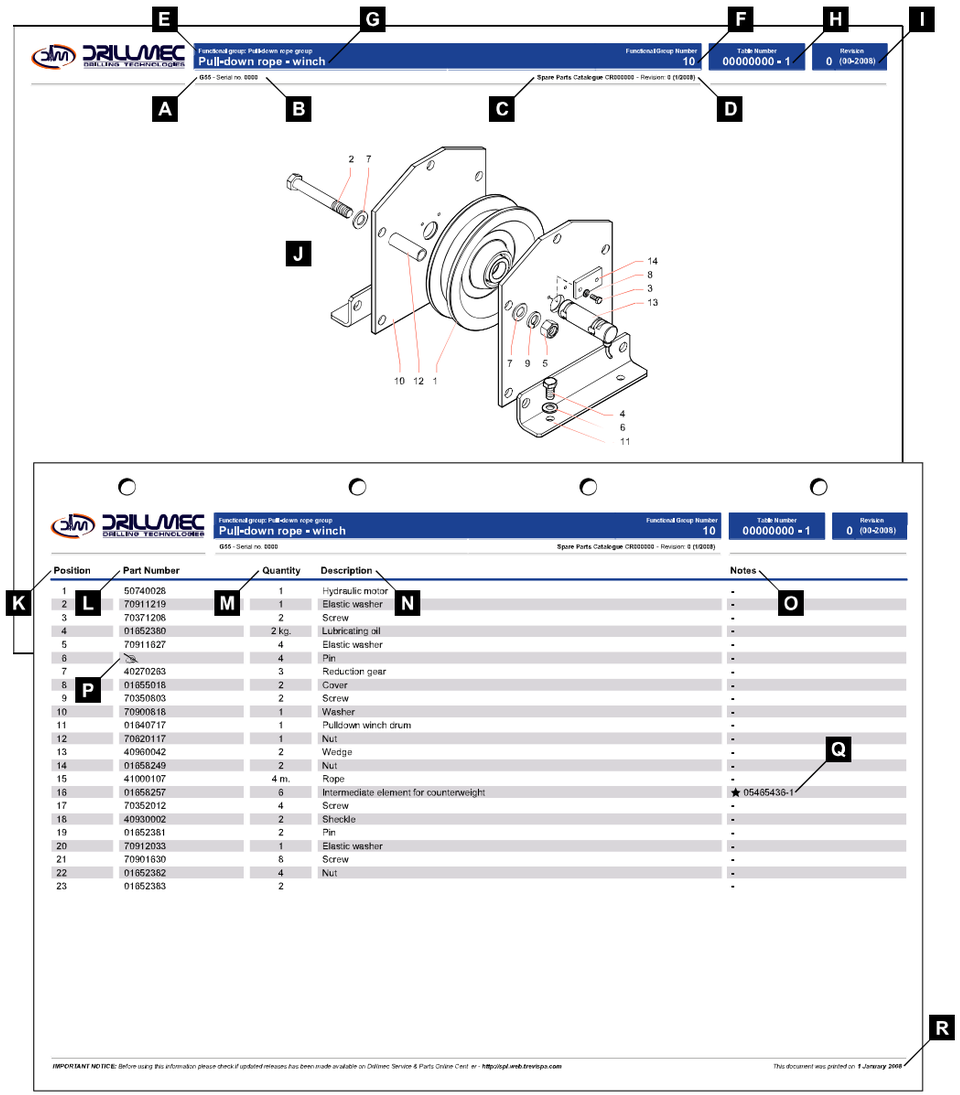
N. “Description” column: giving the short names of the replacements parts.

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.

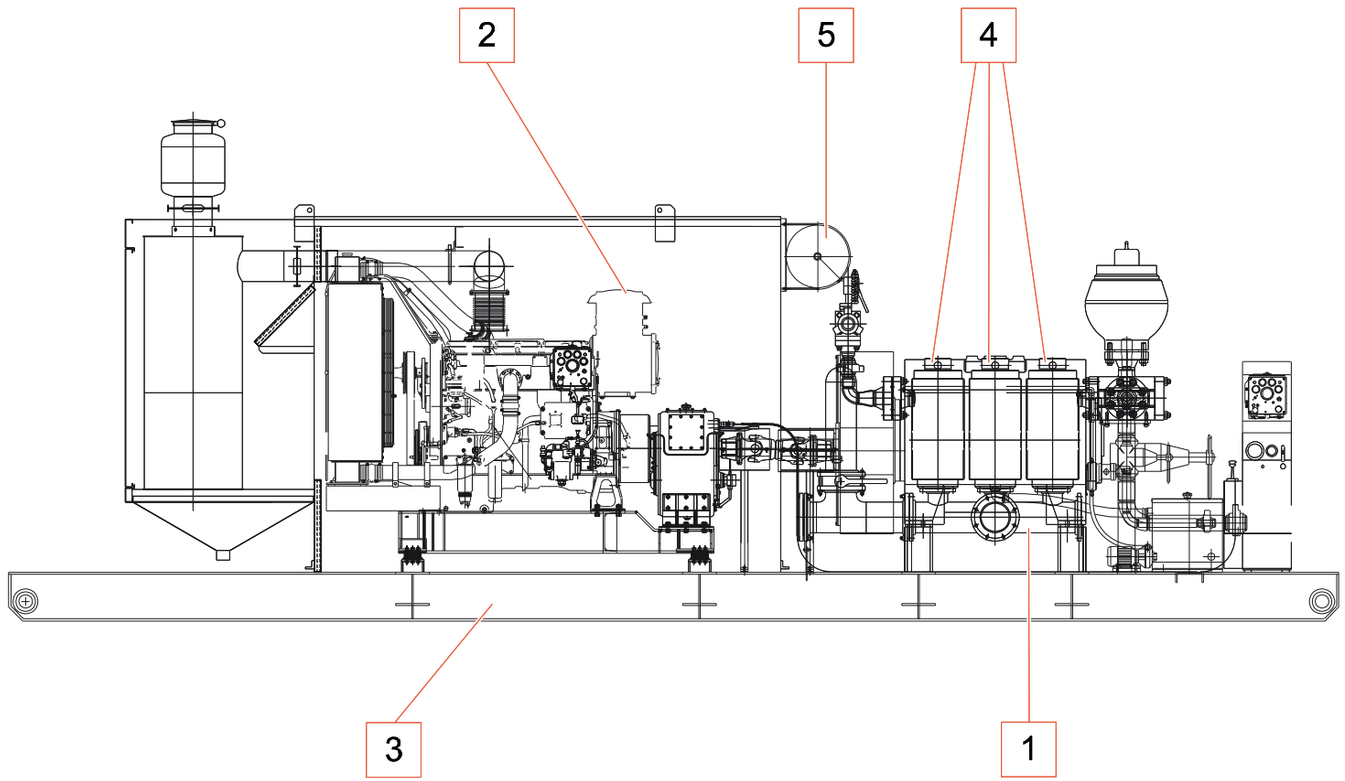


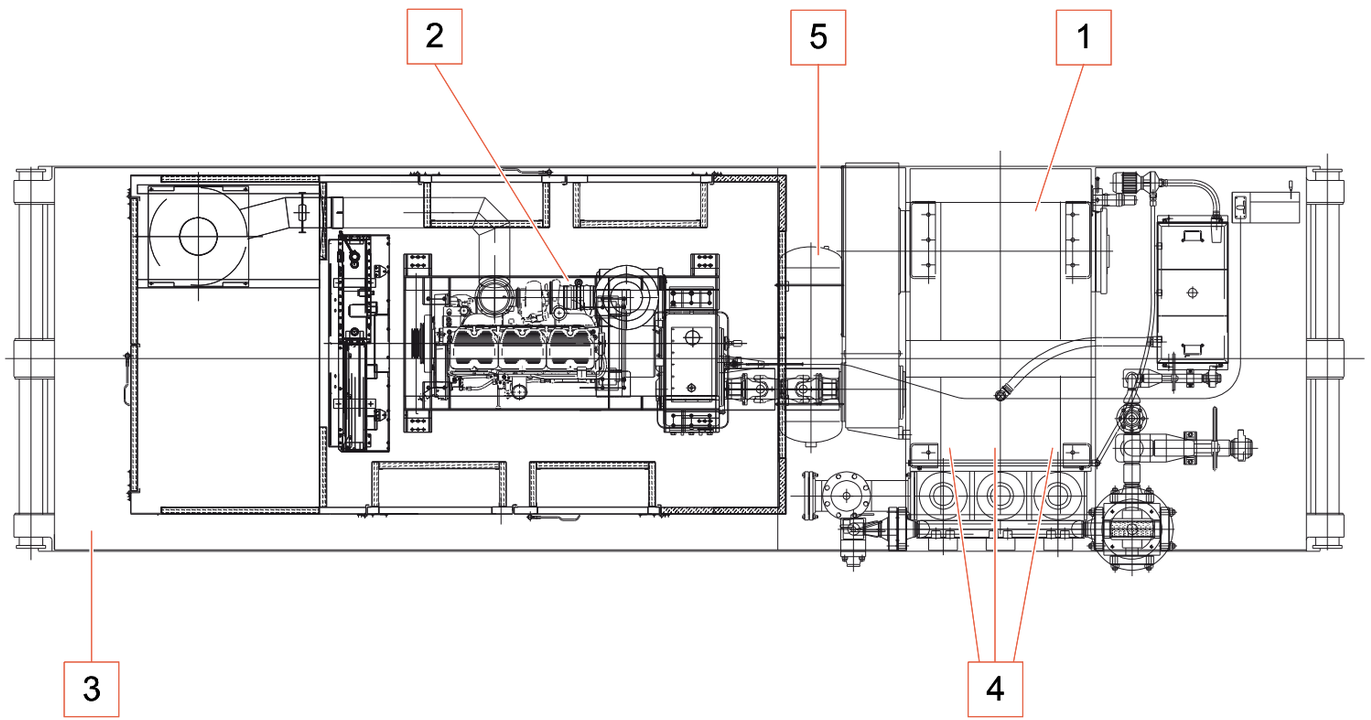
How to order spare parts

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
01912135 - 1	0 (02-2007)	Valve seat hydraulic puller	-
01912247 - 1	0 (02-2007)	Crankshaft	-
01912259 - 1	0 (02-2007)	Liners cooling system	-
01912264 - 1	0 (02-2007)	Transmission for lubrication pump	-
01912270 - 1	0 (02-2007)	Jib crane	-
01912353 - 1	0 (02-2007)	Transmission lubrication system	-
01915102 - 1	0 (02-2007)	Fluid end	-
01915358 - 1	0 (02-2007)	Power end	-
01915358 - 2	0 (03-2011)	Power end	-
01915362 - 1	0 (02-2007)	Crosshead assembly	-
01915370 - 1	0 (02-2007)	Crosshead lubrication system	-
01915376 - 1	0 (02-2007)	Centralized lubrication system	-
01915376 - 2	0 (02-2007)	Centralized lubrication system	-
01916168 - 1	0 (02-2007)	Stoppers of piston rods chamber closing	-
40390738 - 1	0 (02-2007)	Kit valve API 6"	-

2 Engine and gearbox group

Table	Revision	Description	Notes
01912258 - 1	0 (08-2007)	Chain transmission	-
01912258 - 2	0 (08-2007)	Chain transmission	-
01912295 - 1	0 (02-2007)	Clutch and bell for connection	-
01915108 - 1	0 (08-2008)	Gearbox lubrication system	-

2 Engine and gearbox group

Table	Revision	Description	Notes
01915108 - 2	0 (08-2008)	Gearbox lubrication system	-
01916172 - 1	0 (08-2008)	Engine exhaust pipe	-
01916221 - 1	0 (08-2007)	Gearbox drive system	-
01916228 - 1	0 (08-2008)	Engine and gearbox	-
01923284 - 1	0 (02-2007)	Gearbox	-
01923284 - 2	0 (02-2007)	Gearbox	-
01923284 - 3	0 (02-2007)	Gearbox	-

3 Power pump preparation group

Table	Revision	Description	Notes
01911154 - 1	0 (02-2007)	Pulsations damper of intake line	-
01912283 - 1	0 (08-2007)	Liners cooling system	-
01913114 - 1	1 (01-2007)	Charging kit for pulsations damper	-
01914102 - 1	1 (01-2006)	Manifold with flange	-
01916205 - 1	1 (12-2008)	Pressure line	-
01916229 - 1	0 (02-2011)	Preparation of power pump on skid	-

4 Liner and piston group

Table	Revision	Description	Notes
01916322 - 1	0 (05-2012)	Ø 4" liner and piston kit	-
01915196 - 1	0 (02-2010)	Ø 4 ½" liner and piston kit	-
01912382 - 1	0 (02-2007)	Ø 5" liner and piston kit	-

4 Liner and piston group

Table	Revision	Description	Notes
01912383 - 1	0 (02-2007)	Ø 5 ½" liner and piston kit	-
01912299 - 1	0 (02-2007)	Ø 6" liner and piston kit	-
01912399 - 1	0 (03-2007)	Ø 6 ½" liner and piston kit	-
01912298 - 1	0 (02-2007)	Ø 7" liner and piston kit	-

5 Pneumatic system group

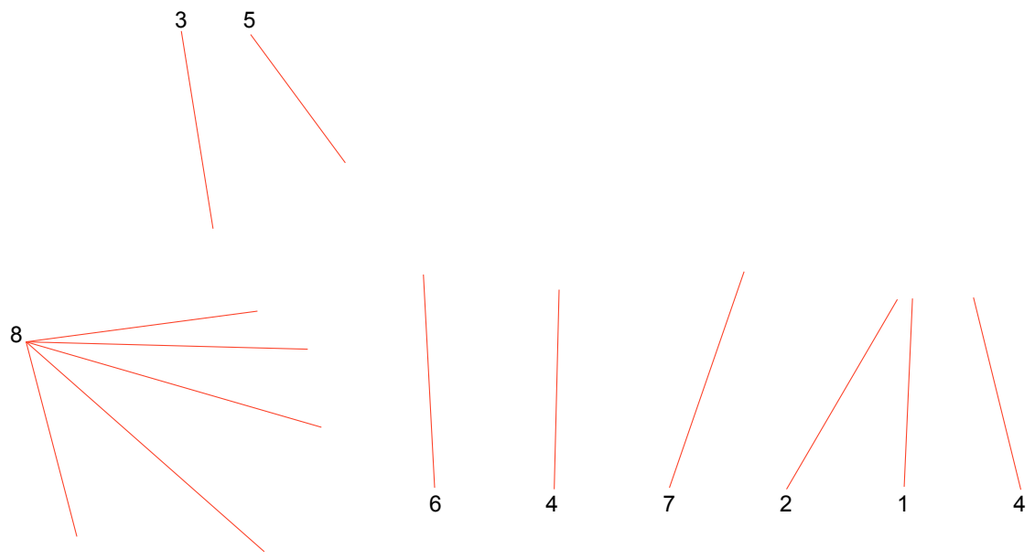
Table	Revision	Description	Notes
01904178 - 1	0 (09-2006)	Cooling tube air	-
01916274 - 1	0 (12-2008)	Pneumatic system	-

Spare parts drawings listed by functional group

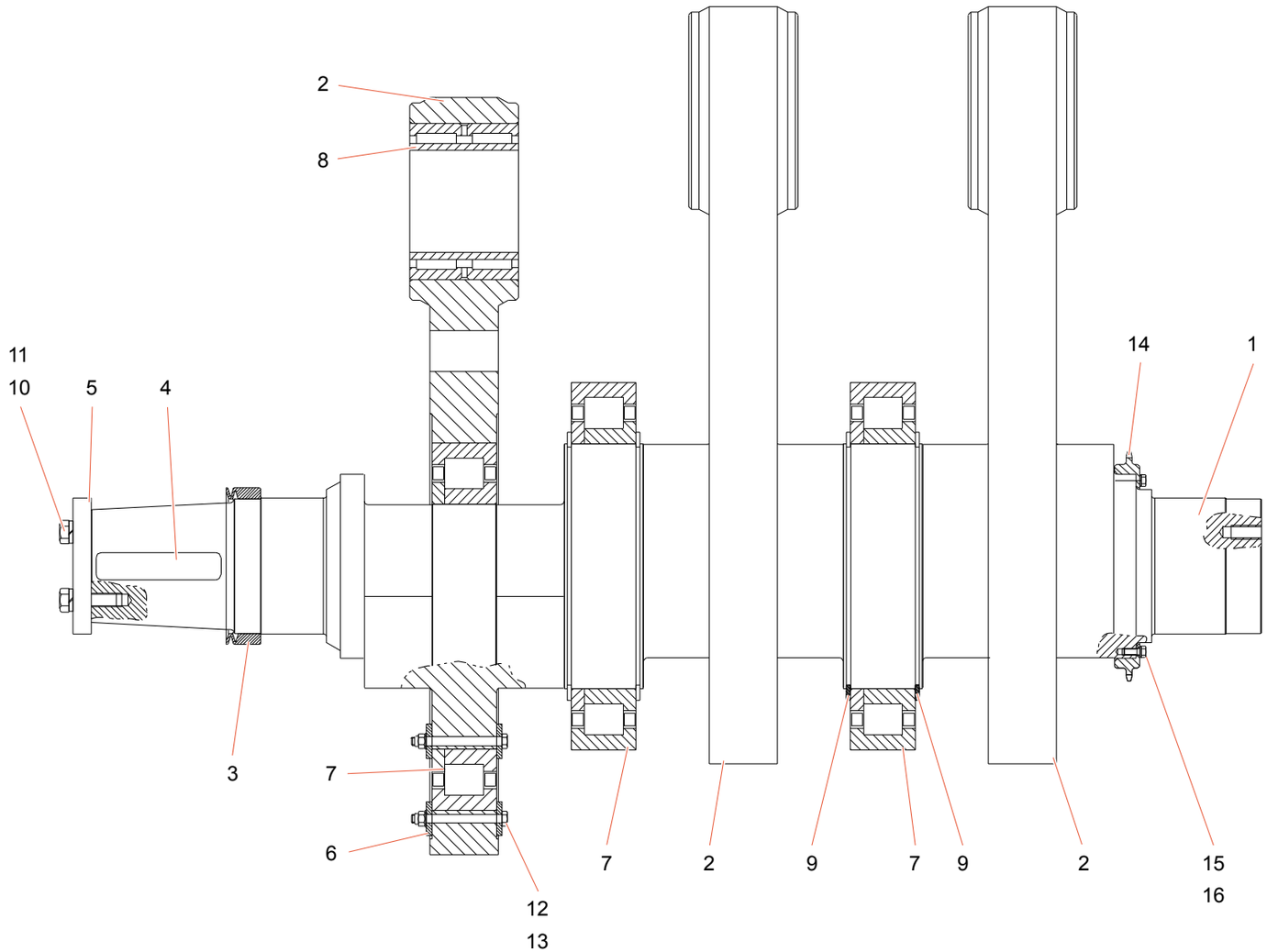
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1 Triplex pump group

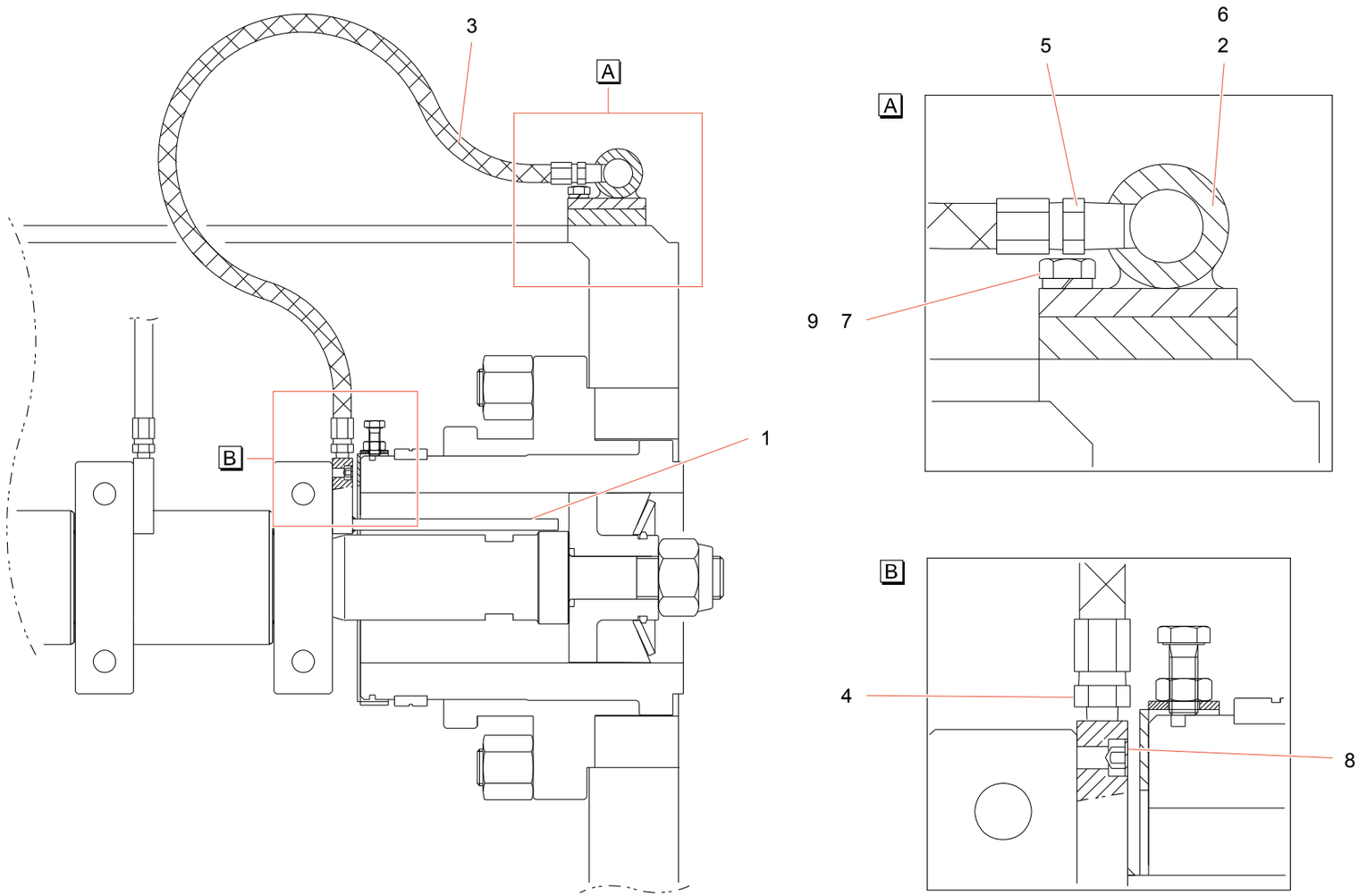
Table	Revision	Description	Notes
01912135 - 1	0 (02-2007)	Valve seat hydraulic puller	-
01912247 - 1	0 (02-2007)	Crankshaft	-
01912259 - 1	0 (02-2007)	Liners cooling system	-
01912264 - 1	0 (02-2007)	Transmission for lubrication pump	-
01912270 - 1	0 (02-2007)	Jib crane	-
01912353 - 1	0 (02-2007)	Transmission lubrication system	-
01915102 - 1	0 (02-2007)	Fluid end	-
01915358 - 1	0 (02-2007)	Power end	-
01915358 - 2	0 (03-2011)	Power end	-
01915362 - 1	0 (02-2007)	Crosshead assembly	-
01915370 - 1	0 (02-2007)	Crosshead lubrication system	-
01915376 - 1	0 (02-2007)	Centralized lubrication system	-
01915376 - 2	0 (02-2007)	Centralized lubrication system	-
01916168 - 1	0 (02-2007)	Stoppers of piston rods chamber closing	-
40390738 - 1	0 (02-2007)	Kit valve API 6"	-


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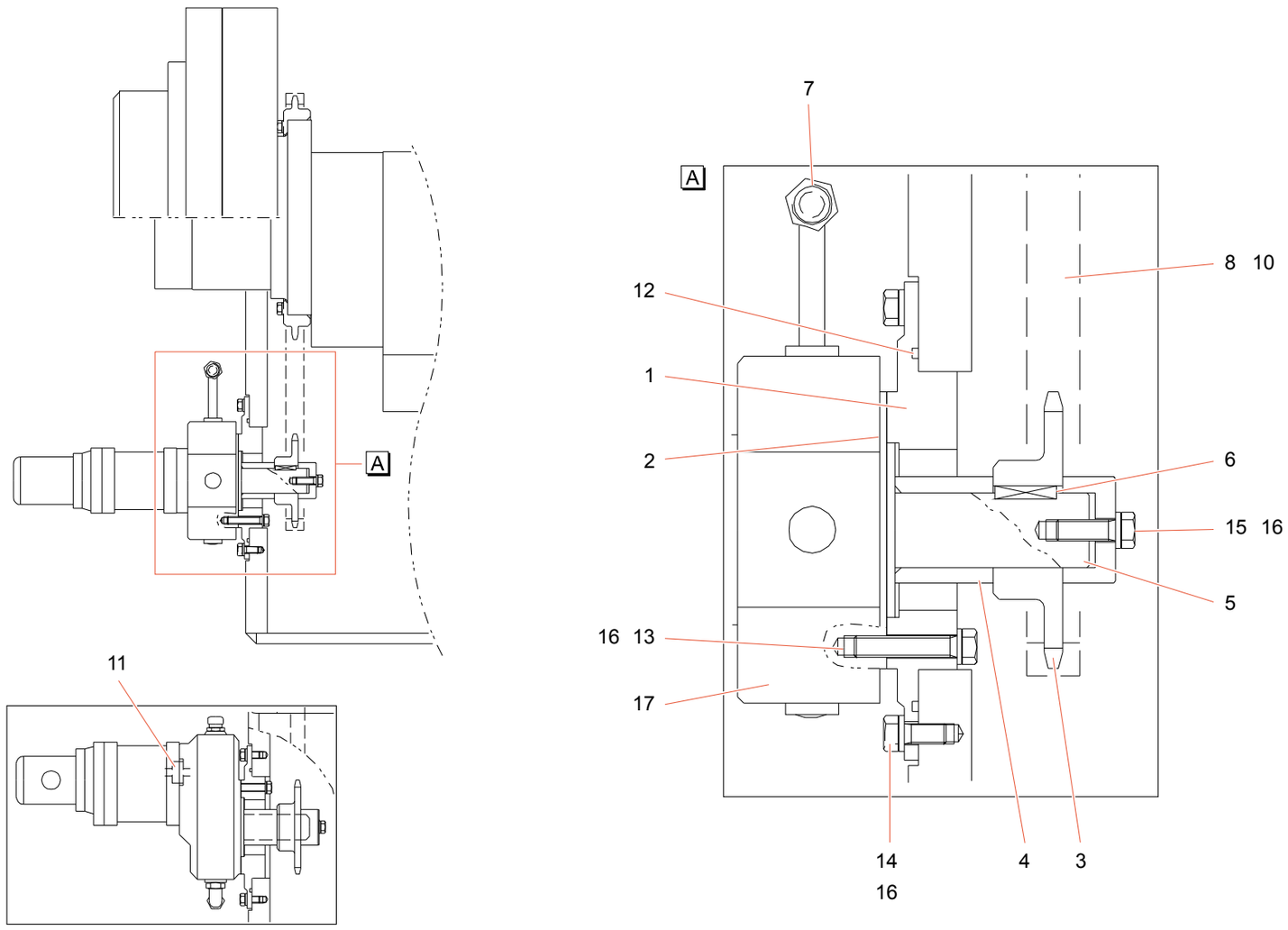
Position	Part Number	Quantity	Description	Notes
1	01910321	1	Ring	-
2	01910324	4	Screw	-
3	01911036	1	Nut	-
4	01911055	1	Head	-
5	01911056	1	Support	-
6	01911057	1	Tie rod	-
7	01911059	1	Tie rod	-
8	40390773	1	Cylinder with hand pump	-


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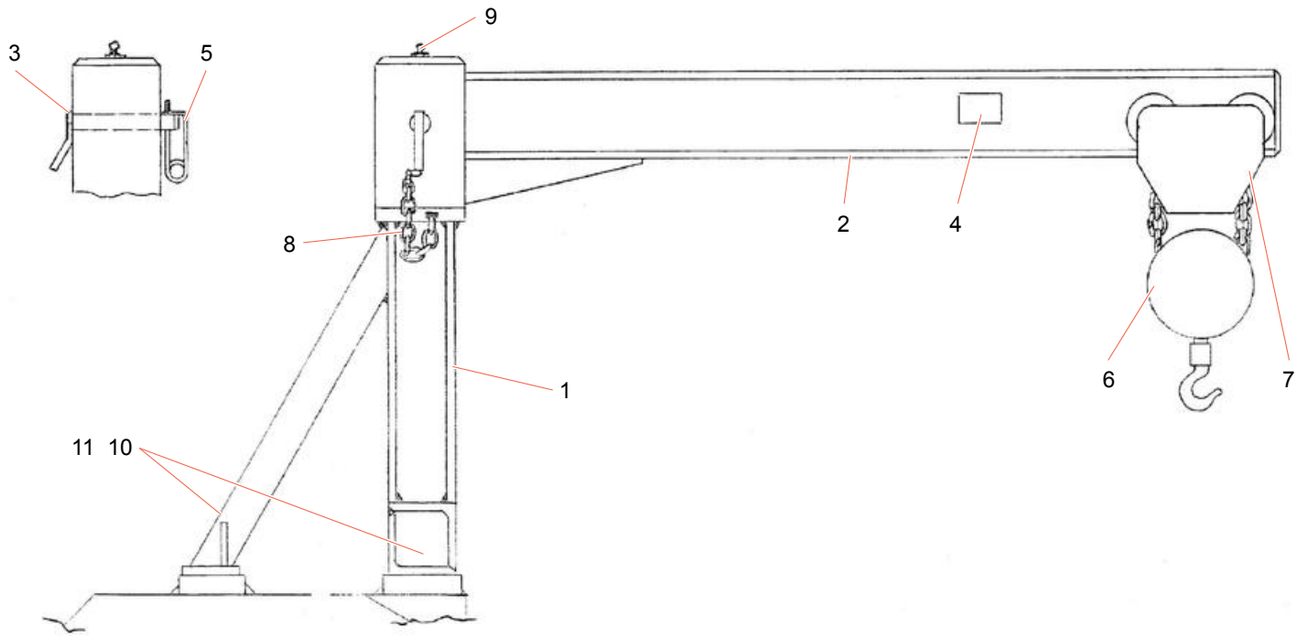
Position	Part Number	Quantity	Description	Notes
1	01911504	1	Crankshaft	-
2	01911513	3	Connecting rod	-
3	01921405	1	Spacer	-
4	01921407	1	Key	-
5	01921554	1	Washer	-
6	01921669	72	Washer	-
7	61070127	5	Bearing	-
8	61070128	3	Bearing	-
9	70590360	4	Retaining ring	-
10	70902012	4	Plain washer	-
11	70352014	4	Screw	-
12	70311226	36	Screw	-
13	70611215	36	Self-locking nut	-
14	01911554	1	Gear rim	-
15	70351005	6	Screw	-
16	70902007	6	Plain washer	-


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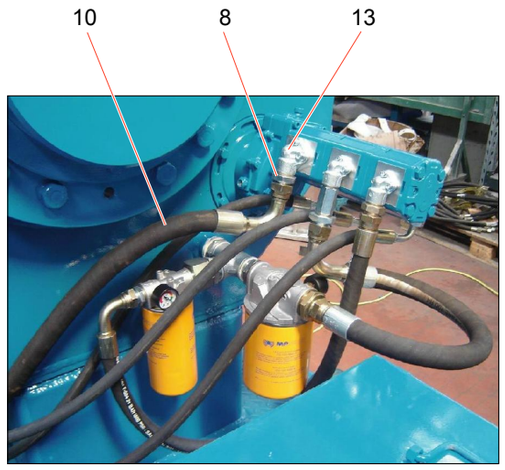
Position	Part Number	Quantity	Description	Notes
1	01911042	3	Pipe	-
2	01911532	1	Manifold	-
3	506014201	3	Flexible hose	-
4	50095012	3	Pipe fitting	-
5	50091012	3	Pipe fitting	-
6	50520044	1	Cap	-
7	70351005	2	Screw	-
8	70370804	4	Screw	-
9	70902007	2	Plain washer	-

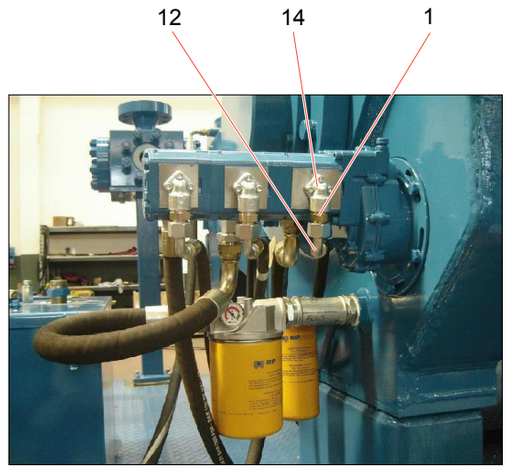

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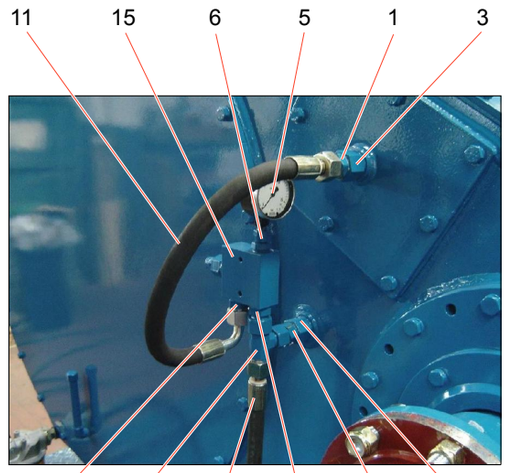
Position	Part Number	Quantity	Description	Notes
1	01911553	1	Support	-
2	01911444	1	Gasket	-
3	01911555	1	Pinion (z=24)	-
4	01911556	1	Spacer	-
5	01911557	1	Washer	-
6	01911559	1	Tang	-
7	01921620	1	Level indicator	-
8	40500136	2 m.	Chain	-
10	40502636	1	Joint	-
11	40600100	1	Joint	-
12	52104650	1	O-ring	-
13	70351009	4	Screw	-
14	70351005	7	Screw	-
15	70351006	1	Screw	-
16	70911017	12	Spring washer	-
17	01911558	1	Multiplier gearbox	-

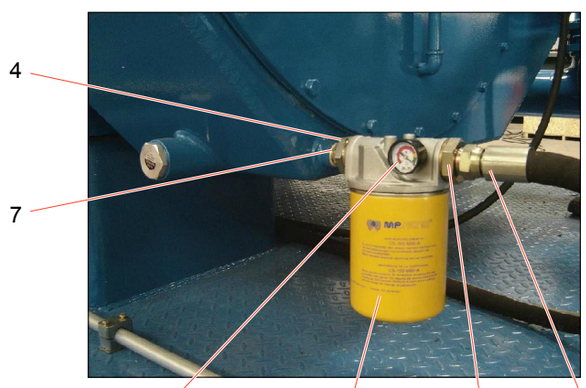

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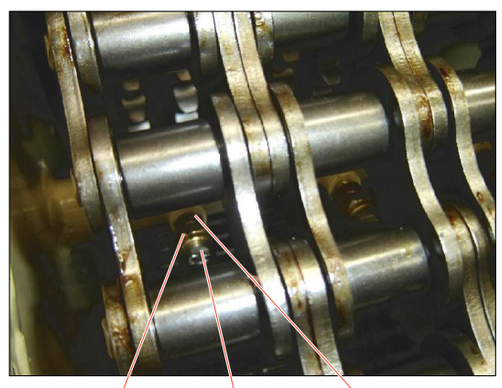
Position	Part Number	Quantity	Description	Notes
1	01911562	1	Support	-
2	01911563	1	Arm	-
3	64021449	1	Pin	-
4	09530791	1	Indication plate	-
5	40630142	1	Shear pin	-
6	41040030	1	Hoist	-
7	41040031	1	Trolley	-
8	41050012	1 m.	Chain	-
9	61000004	1	Greasing nipple	-
10	70352008	4	Screw	-
11	70902012	4	Plain washer	-


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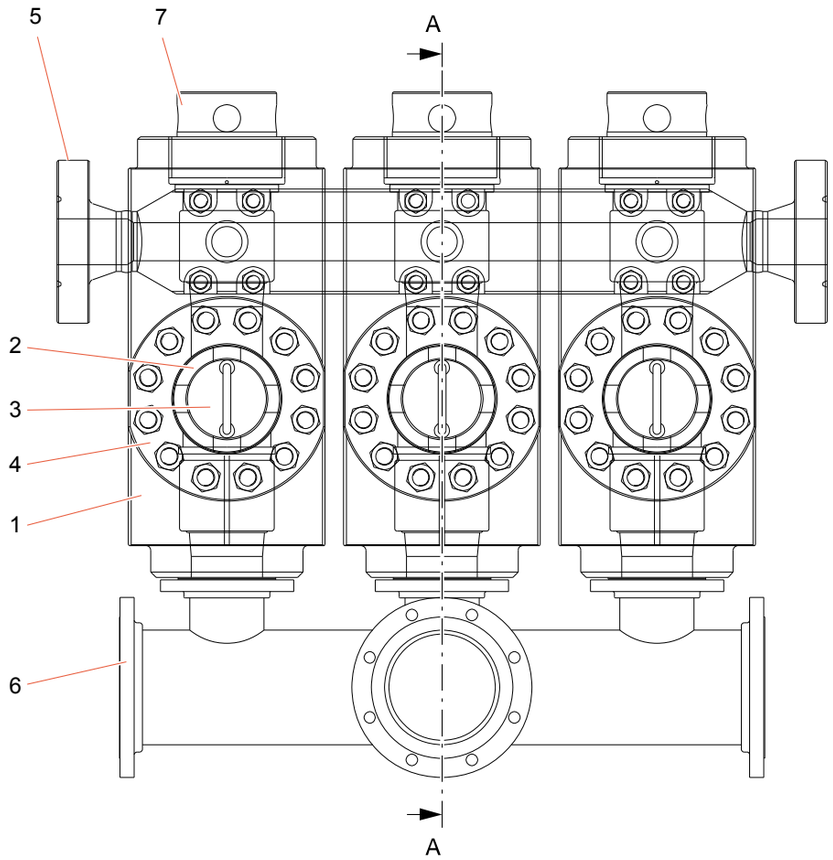

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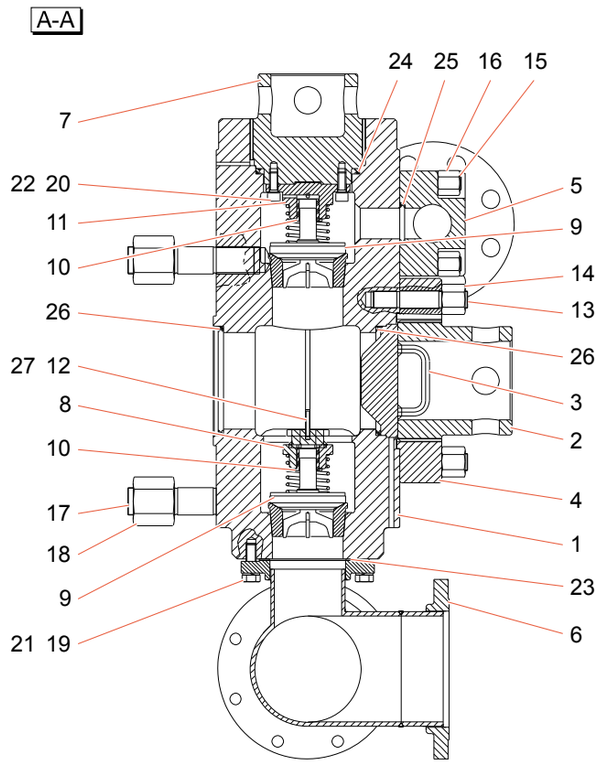

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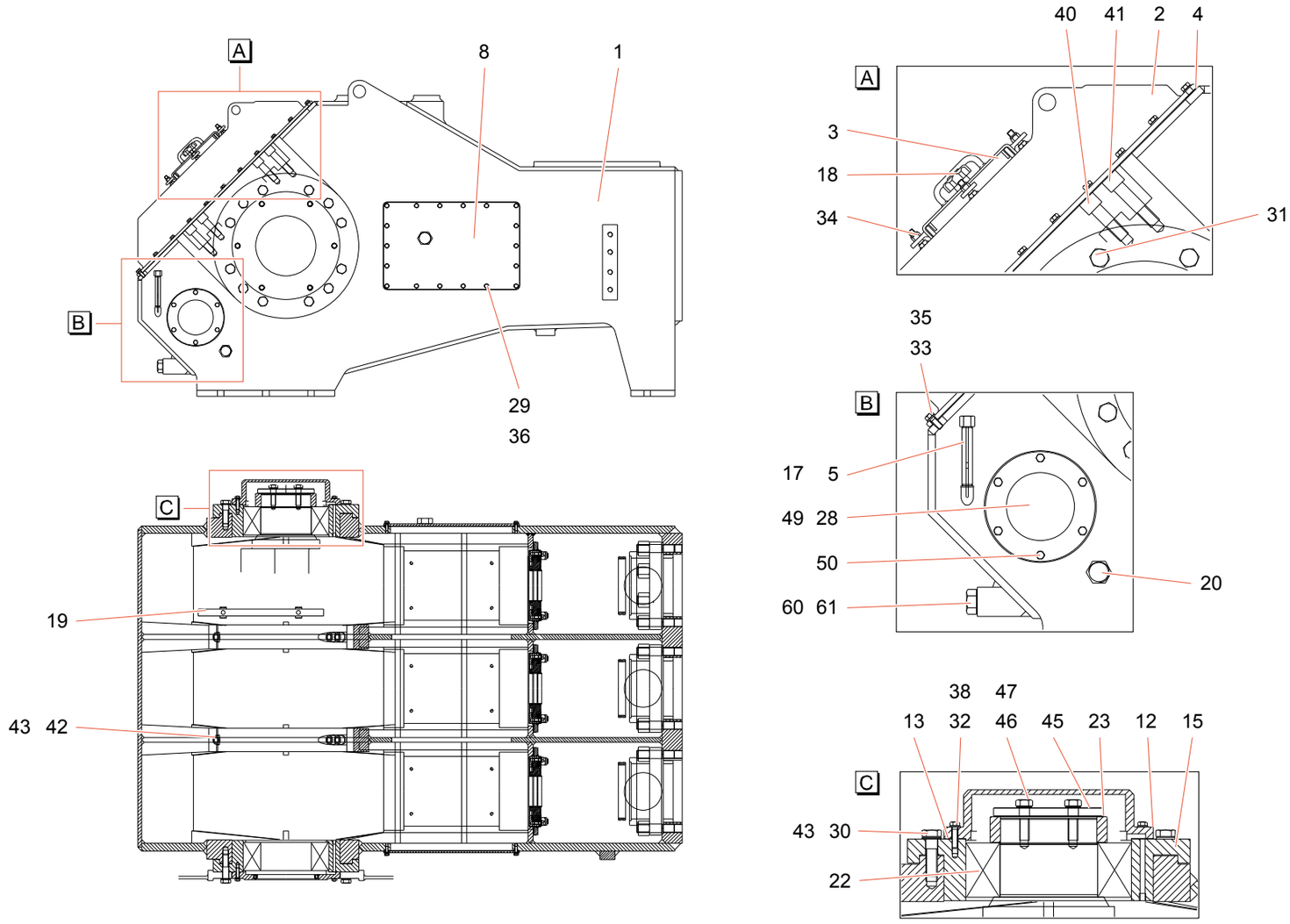

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Position	Part Number	Quantity	Description	Notes
1	50090016	5	Pipe fitting	-
2	50140016	1	Pipe fitting	-
3	50500014	1	Reduction adapter	-
4	50500025	1	Pipe fitting	-
5	50550136	1	Manometer	-
6	50580265	1	Pressure gauge connection	-
7	50590023	1	Pipe fitting	-
8	50590112	1	Pipe fitting	-
9	50590115	1	Pipe fitting	-
10	50600680	1	Flexible hose	-
11	506010252	1	Flexible hose	-
12	506010268	1	Flexible hose	-
13	50840437	1	Flange	-
14	50840440	1	Flange	-
15	50850436	1	Pressure relief valve	-
16	50850439	3	Nozzle	-
17	50850440	3	Nut	-
18	50850441	3	Body	-
19	50920018	1	Pipe fitting	-
20	50971137	1	Filter	-
21	50981111	1	Manometer	-

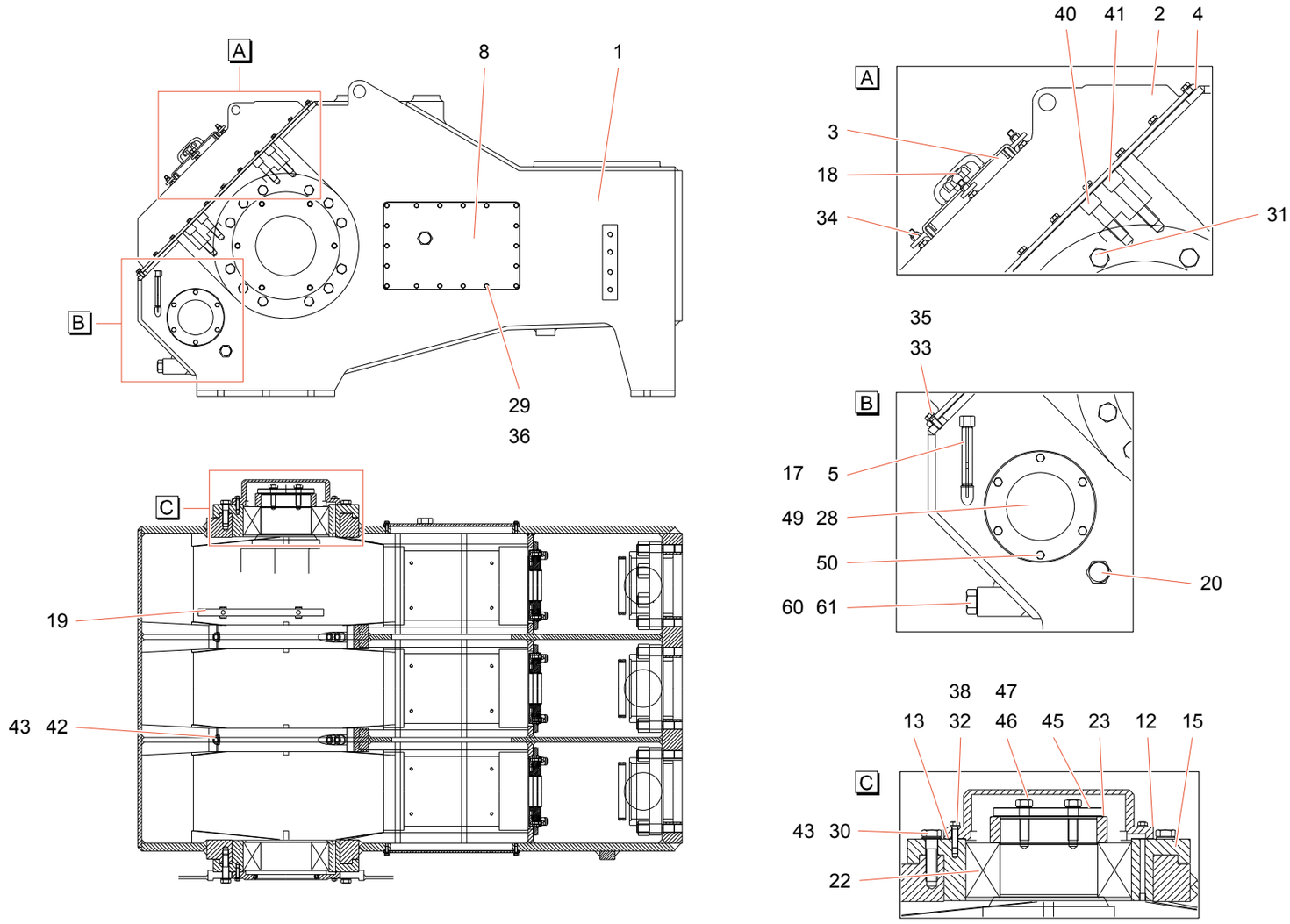

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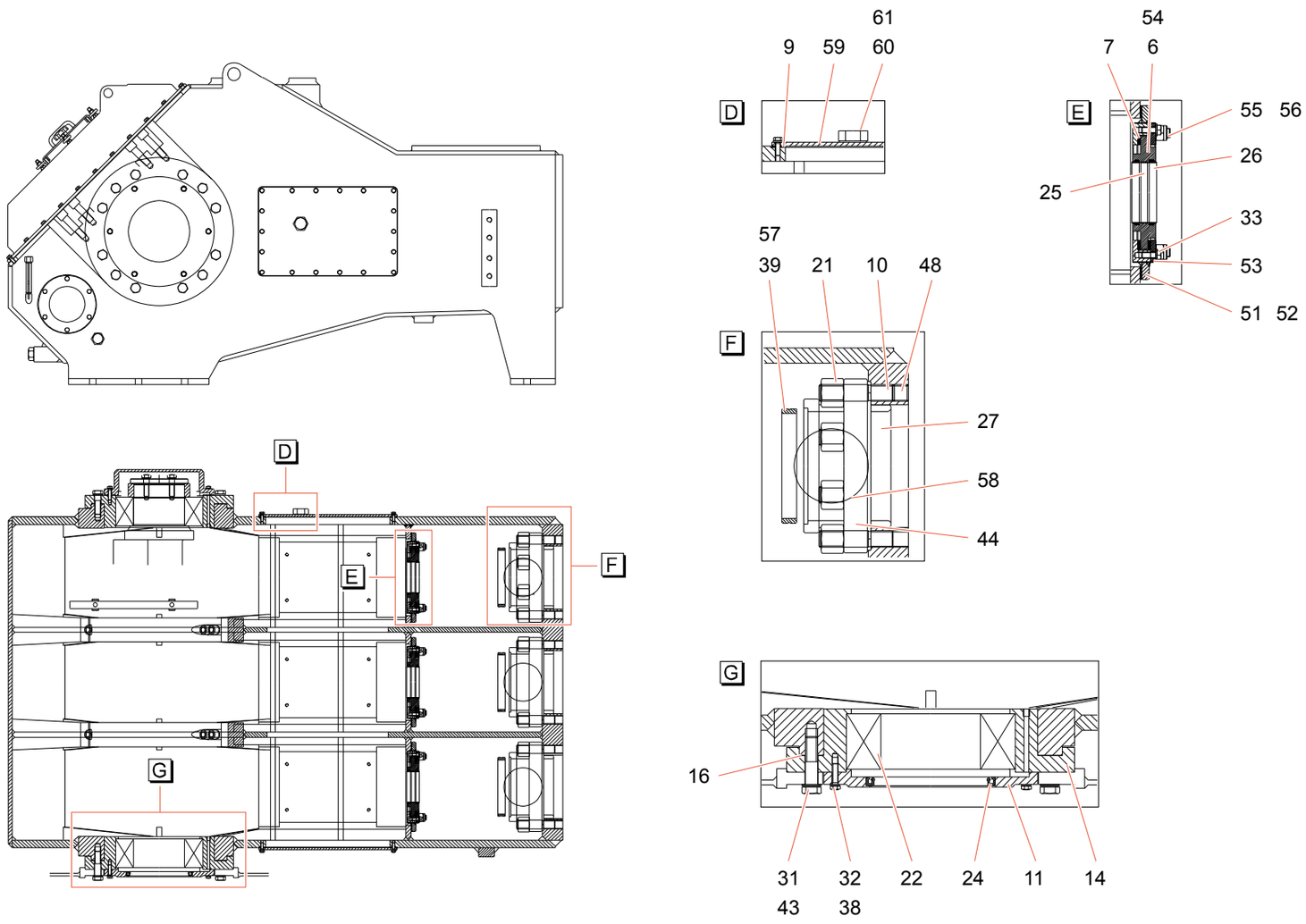
Position	Part Number	Quantity	Description	Notes
1	01911236	3	Body	-
2	01911247	3	Ring nut	-
3	01911249	3	Cover	-
4	01911248	3	Slewing ring	-
5	01911774	1	Manifold	-
6	01911395	1	Manifold	-
7	01911246	3	Cover	-
8	01911244	3	Support	-
9	**40390738**	**6**	**Valve kit**	★ 40390738-1
9.A	RI40390738-01	1	Valve head	
9.B	RI40390738-02	1	Valve seat	
9.C	RI40390738-03	1	Spring	
9.D	RI40390738-04	1	Gasket	
10	01910994	6	Bushing	-
11	01910988	3	Guide	-
12	01911241	3	Spring	-
13	01911243	36	Stud bolt	-
14	01911242	36	Nut	-
15	01911442	12	Stud bolt	-
16	01911443	12	Nut	-
17	01910766	12	Stud bolt	-
18	01910767	12	Nut	-
19	70352012	24	Screw	-
20	70371608	12	Screw	-
21	70902012	24	Plain washer	-
22	70902010	12	Plain washer	-
23	01910984	3	Gasket	-
24	01921080	3	Gasket	-
25	01920641	3	Gasket	-
26	01910556	6	Gasket	-
27	71050610	6	Split pin	-


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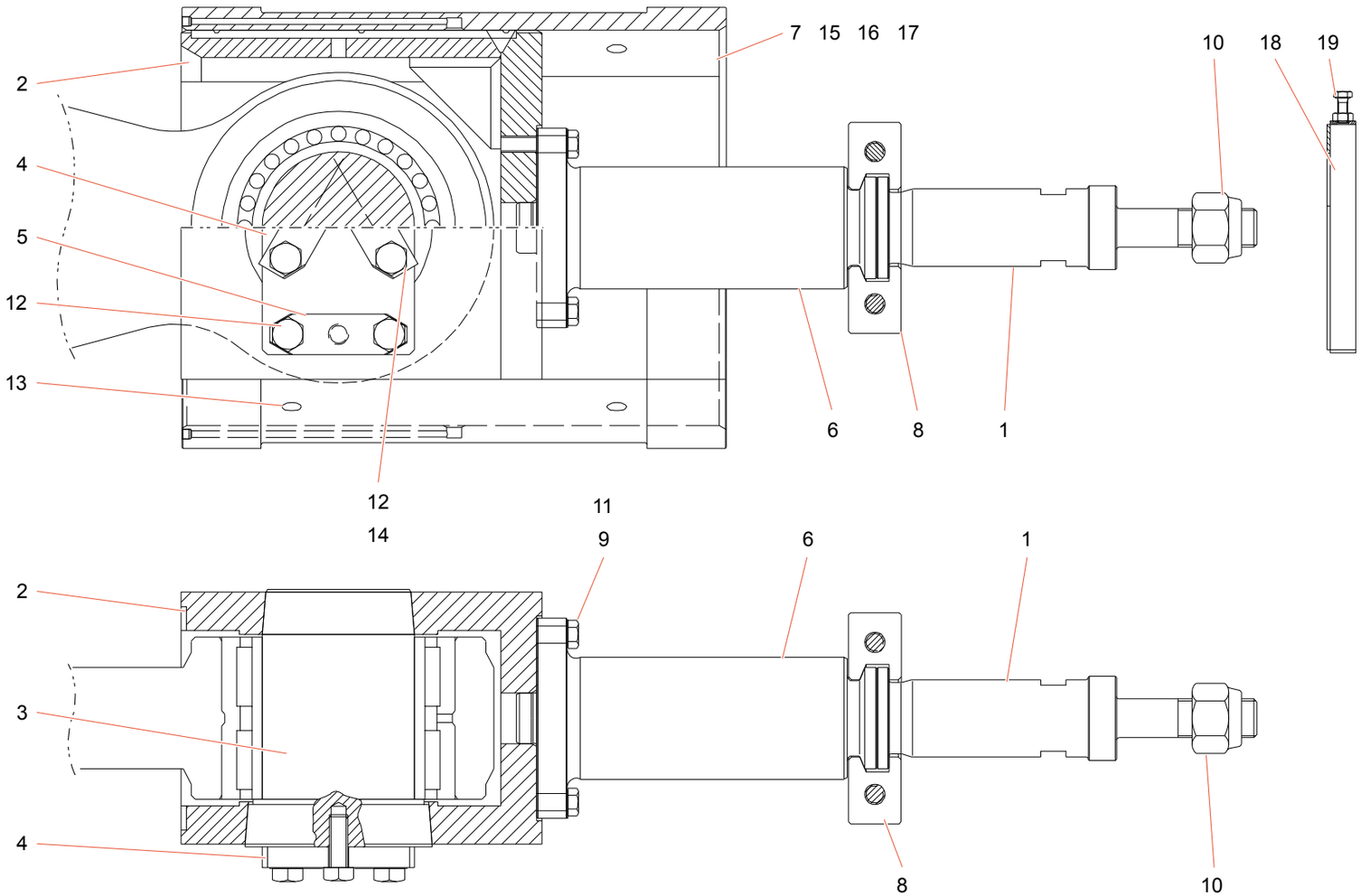
Position	Part Number	Quantity	Description	Notes
1	01911522	1	Box	-
2	01911523	1	Cover	-
3	01911525	1	Hatch	-
4	01911524	1	Gasket	-
5	01910656	1	Level indicator	-
8	01912079	1	Cover	-
12	01911533	1	Flange	-
13	01921419	2	Gasket	-
15	01921417	1	Support	-
17	01911521/D	1	Level indicator	-
18	50530009	1	Plug	-
19	50530100	1	Magnet	-
20	50520045	1	Male plug	-
22	61160052	2	Bearing	-
23	01911630	1	Spacer	-
28	01911889	1	Cover	-
29	70351006	36	Screw	-
30	70352416	12	Screw	-
31	70312420	12	Screw	-
32	70351209	12	Screw	-
33	70351206	52	Screw	-
34	70611215	4	Self-locking nut	-
35	52020213	52	Retaining washer	-
36	52020203	36	Washer	-
38	70902008	12	Plain washer	-
40	70382416	4	Screw	-
41	70382420	4	Screw	-
42	70382420	8	Screw	-
43	70902013	32	Plain washer	-
45	01911629	1	Washer	-
46	70352014	4	Screw	-
47	70902012	4	Plain washer	-
49	52104650	1	O-ring	-


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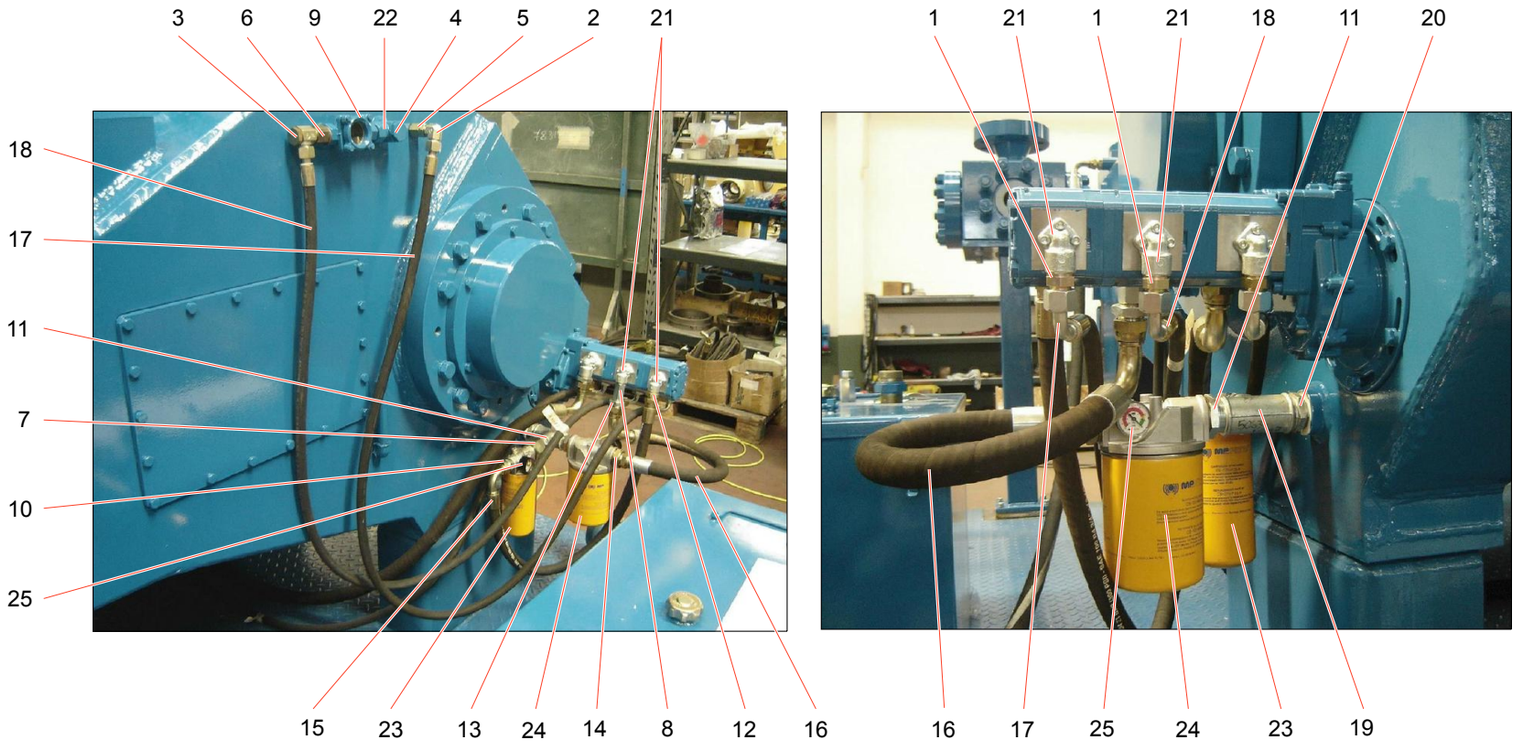
Position	Part Number	Quantity	Description	Notes
50	70351004	6	Screw	-
60	50520046	2	Male plug	-
61	52020036	2	Retaining washer	-


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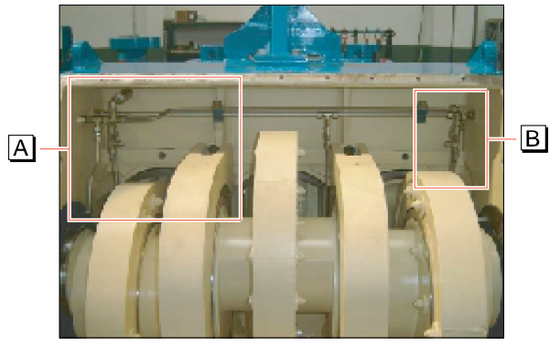
Position	Part Number	Quantity	Description	Notes
6	01911964	3	Disc	-
7	01911961	6	Gasket	-
9	01912080	2	Gasket	-
10	01911240	24	Stud bolt	-
11	01921414	1	Guard	-
14	01921415	1	Support	-
16	01921421	2	Gasket	-
21	01911242	24	Nut	-
22	61160052	2	Bearing	-
24	52080178	1	Oil retainer	-
25	01915640	3	Guide ring	-
26	52700295	6	Scraper ring	-
27	01910778	3	Ring nut	-
31	70312420	12	Screw	-
32	70351209	12	Screw	-
33	70351206	52	Screw	-
38	70902008	12	Plain washer	-
39	01910779	3	Ring	-
43	70902013	32	Plain washer	-
44	01911239	3	Threaded ring	-
48	01911389	24	Dowel pin	-
51	01915482	3	Plate	-
52	01915483	3	Gasket	-
53	01911963	3	Flange	-
54	61000003	3	Greasing nipple	-
55	70612024	12	Self-locking nut	-
56	01915484	12	Stud bolt	-
57	71300236	3	Retaining ring	-
58	01916168	1	Plug set	★ 01916168-1
59	01915552	1	Cover	-
60	50520046	2	Male plug	-
61	52020036	2	Retaining washer	-

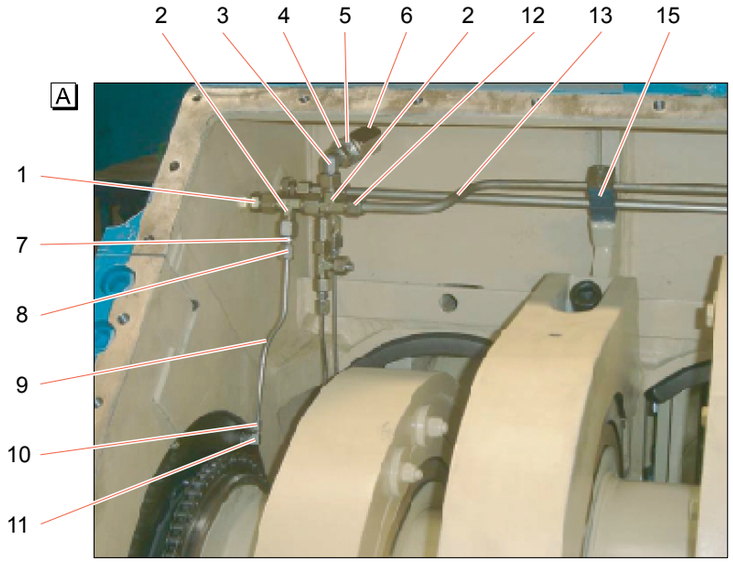

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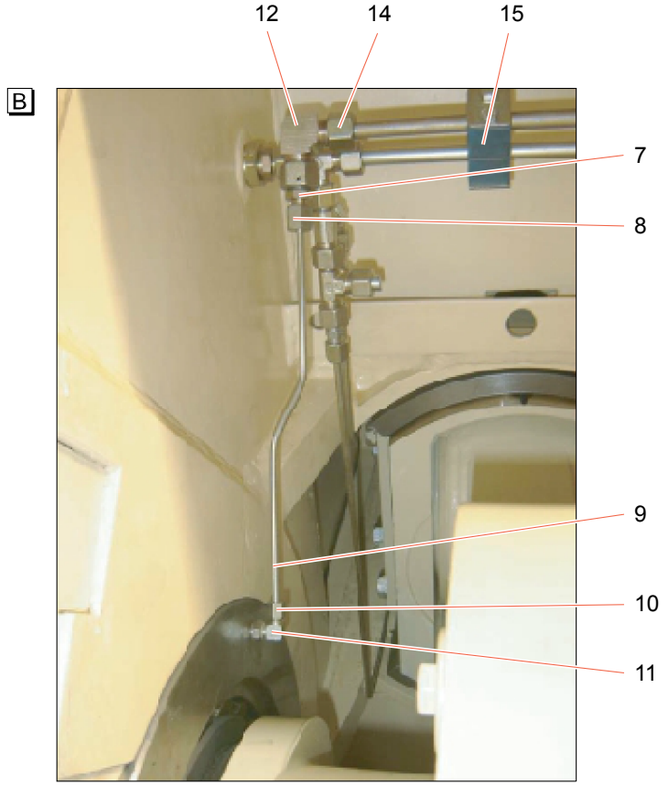
Position	Part Number	Quantity	Description	Notes
1	01915410	1	Rod	-
2	01911509	1	Body	-
3	01911510	1	Pin	-
4	01911511	1	Plate	-
5	01911512	2	Plate	-
6	01915411	1	Extension	-
7	01915413	2	Crosshead sliding block	-
8	01921462	1	Joint	-
9	01921540	3	Plate	-
10	71300009	1	Self-locking nut	-
11	70351612	6	Screw	-
12	70351810	7	Screw	-
13	71020020	8	Screw	-
14	01911220	2	Plate	-
15	01912046	8	Shim	-
16	01912060	8	Shim	-
17	01912061	4	Shim	-
18	01921960	1	Guard	-
19	70351005	3	Screw	-


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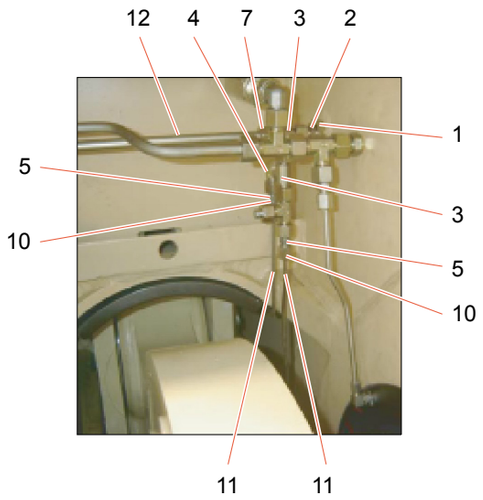
Position	Part Number	Quantity	Description	Notes
1	50090016	2	Pipe fitting	-
2	50111016	1	Pipe fitting	-
3	50370016	1	Pipe fitting	-
4	50370020	1	Pipe fitting	-
5	50500008	1	Pipe fitting	-
6	50500014	1	Reduction adapter	-
7	50500016	1	Pipe fitting	-
8	50510004	1	Pipe fitting	-
9	50540111	1	Level indicator	-
10	50590006	1	Pipe fitting	-
11	50590024	2	Pipe fitting	-
12	50590107	1	Pipe fitting	-
13	50590111	1	Pipe fitting	-
14	50590115	1	Pipe fitting	-
15	50600489	1	Flexible hose	-
16	50600510	1	Flexible hose	-
17	506010290	1	Flexible hose	-
18	506010302	1	Flexible hose	-
19	50630047	1	A.f.l. connector	-
20	50630157	1	A.f.l. connector	-
21	50840440	4	Flange	-
22	50920020	1	Pipe fitting	-
23	50971136	1	Filter	-
24	50971137	1	Filter	-
25	50981111	2	Manometer	-

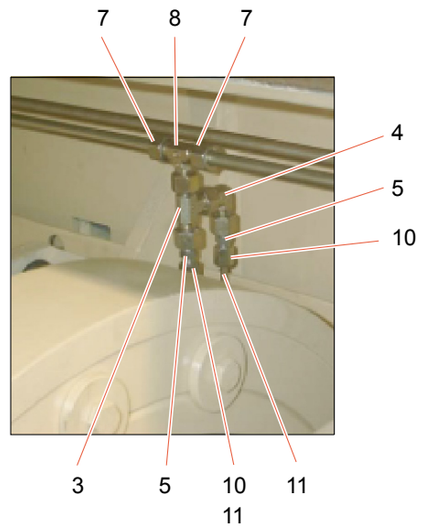

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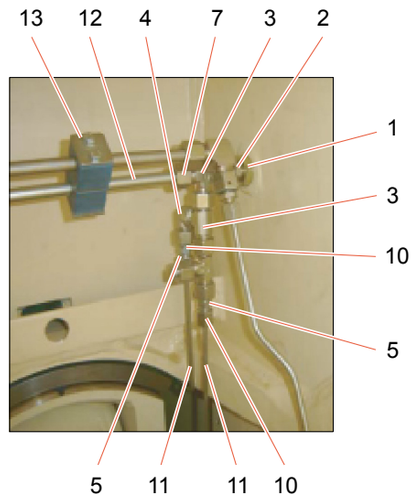

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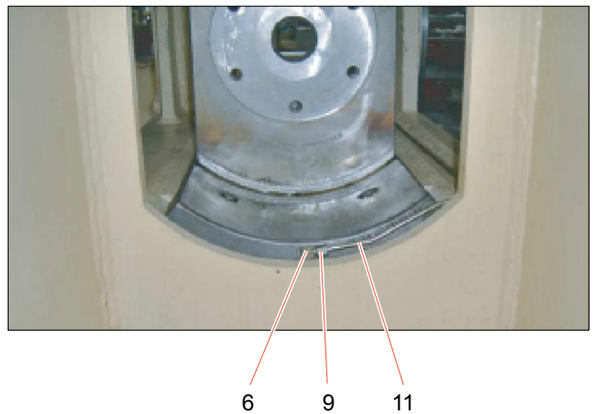

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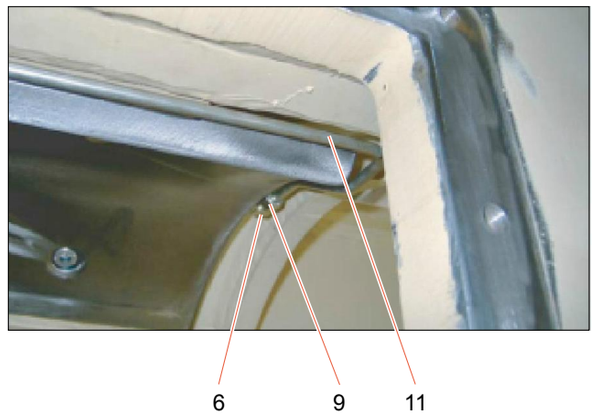
Position	Part Number	Quantity	Description	Notes
1	50090112	1	Pipe fitting	-
2	50140112	2	Pipe fitting	-
3	50250112	1	Pipe fitting	-
4	50920005	1	Pipe fitting	-
5	50500028	1	Pipe fitting	-
6	50851214	1	Valve	-
7	50365011	2	Pipe fitting	-
8	50051006	2	Nut	-
9	50030006	1 kg.	Pipe	-
10	50051105	2	Nut	-
11	50101005	2	Pipe fitting	-
12	50051112	12	Nut	-
13	50030012	2 kg.	Pipe	-
14	50170112	1	Pipe fitting	-
15	50041104	2	Clamp	-


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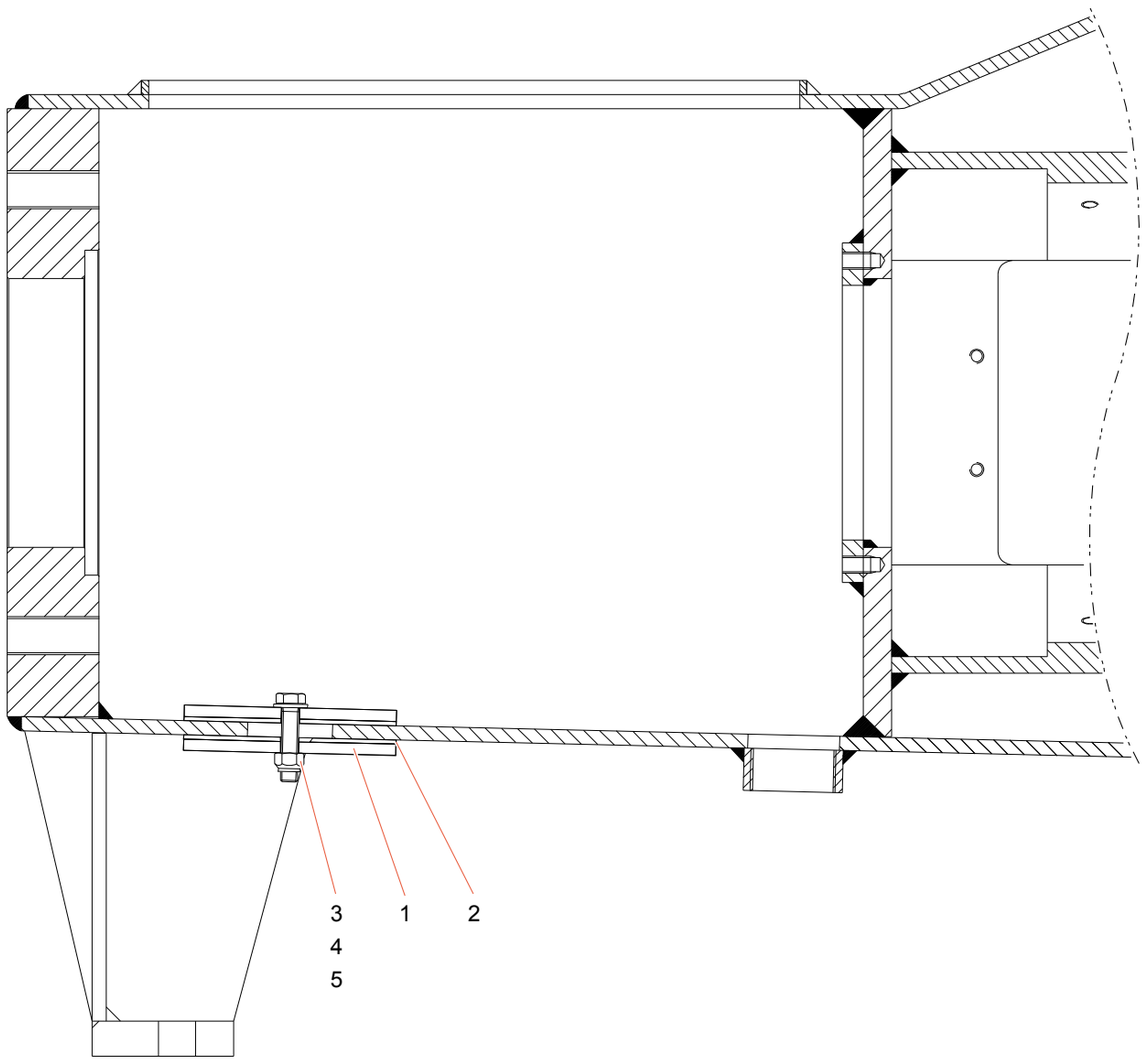

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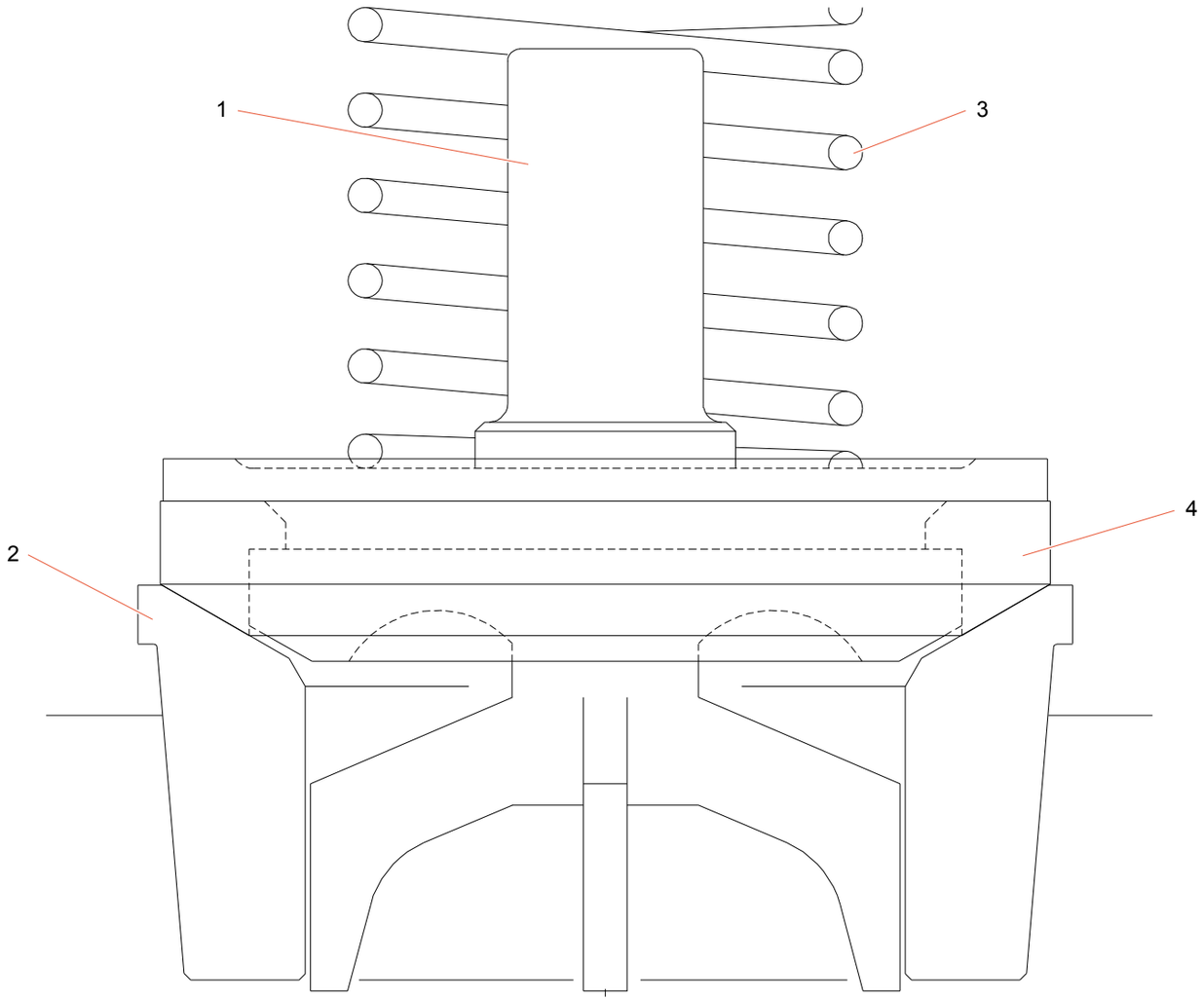

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Position	Part Number	Quantity	Description	Notes
1	50500028	2	Pipe fitting	-
2	50090112	2	Pipe fitting	-
3	50140112	5	Pipe fitting	-
4	50250112	3	Pipe fitting	-
5	50365011	6	Pipe fitting	-
6	50101006	6	Pipe fitting	-
7	50051112	10	Nut	-
8	50180112	1	Pipe fitting	-
9	50051105	6	Nut	-
10	50051006	6	Nut	-
11	50030006	6 kg.	Pipe	-
12	50030012	2 kg.	Pipe	-
13	50041104	2	Clamp	-


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Position	Part Number	Quantity	Description	Notes
1	01915487	6	Cover	-
2	01915488	6	Gasket	-
3	70351211	3	Screw	-
4	70611215	3	Self-locking nut	-
5	52020013	3	Retaining washer	-

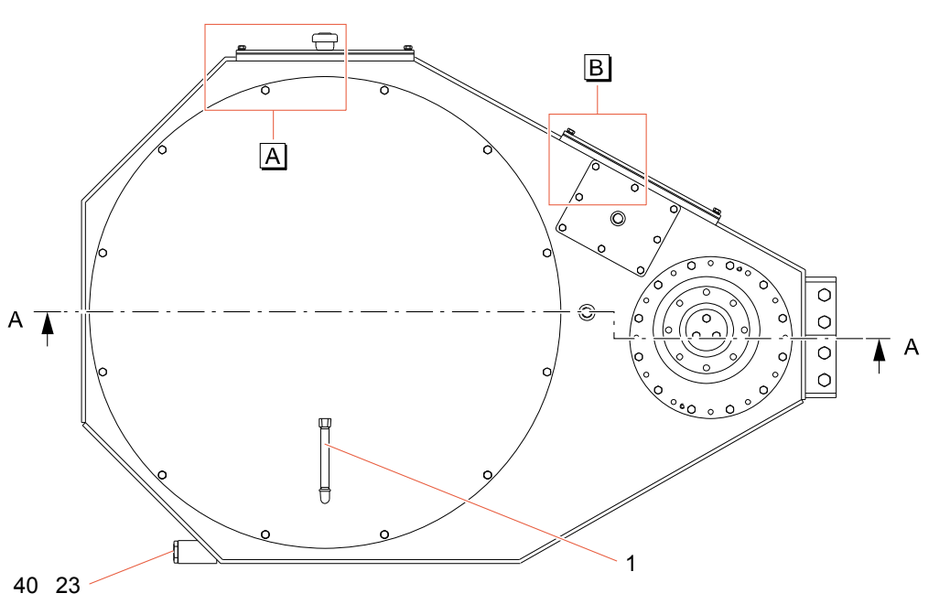

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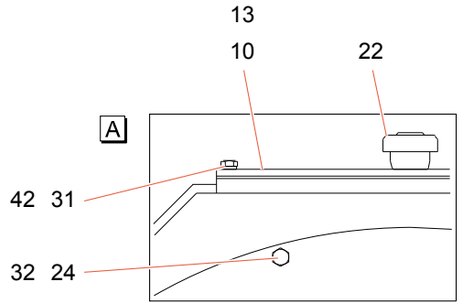
Position	Part Number	Quantity	Description	Notes
1	RI40390738-01	1	Valve head	-
2	RI40390738-02	1	Valve seat	-
3	RI40390738-03	1	Spring	-
4	RI40390738-04	1	Gasket	-

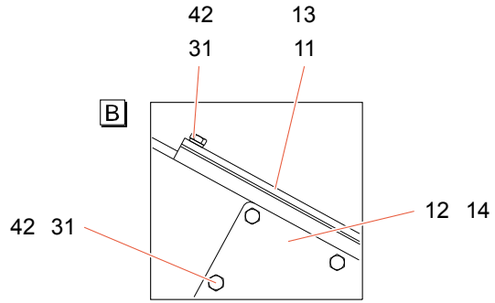
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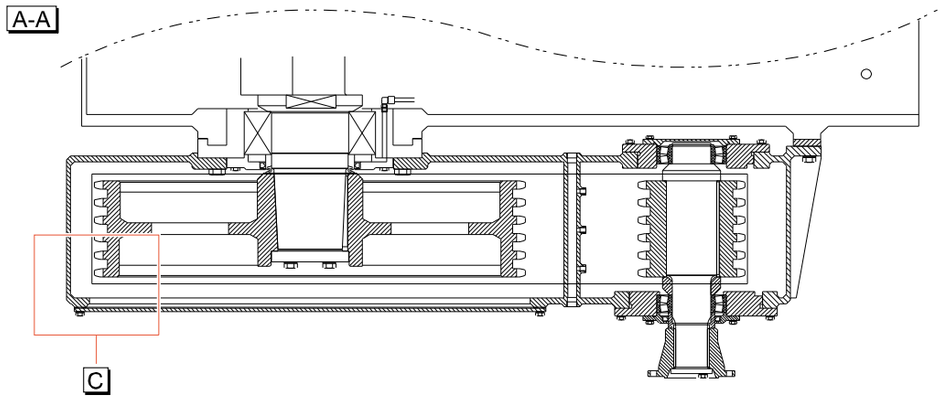
2 Engine and gearbox group

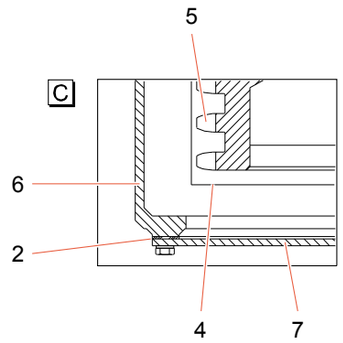
Table	Revision	Description	Notes
01912258 - 1	0 (08-2007)	Chain transmission	-
01912258 - 2	0 (08-2007)	Chain transmission	-
01912295 - 1	0 (02-2007)	Clutch and bell for connection	-
01915108 - 1	0 (08-2008)	Gearbox lubrication system	-
01915108 - 2	0 (08-2008)	Gearbox lubrication system	-
01916172 - 1	0 (08-2008)	Engine exhaust pipe	-
01916221 - 1	0 (08-2007)	Gearbox drive system	-
01916228 - 1	0 (08-2008)	Engine and gearbox	-
01923284 - 1	0 (02-2007)	Gearbox	-
01923284 - 2	0 (02-2007)	Gearbox	-
01923284 - 3	0 (02-2007)	Gearbox	-


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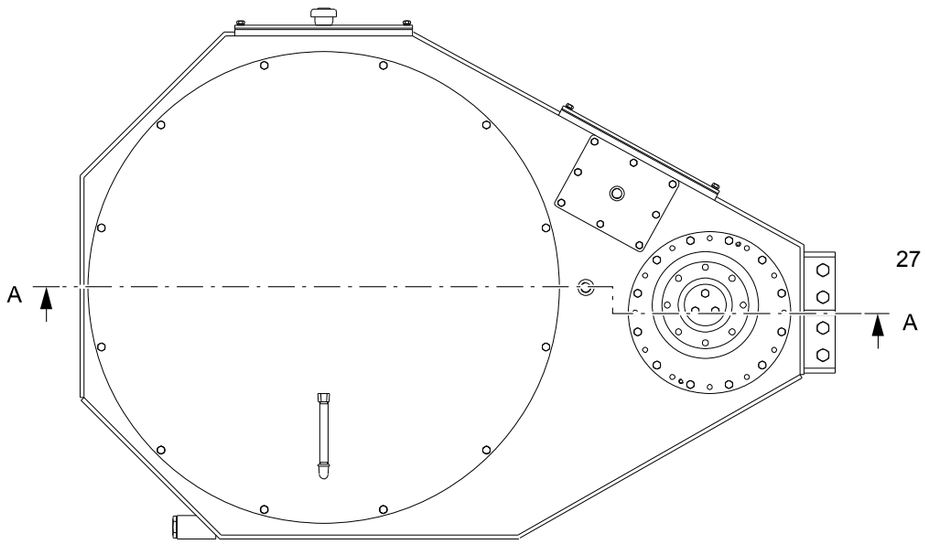

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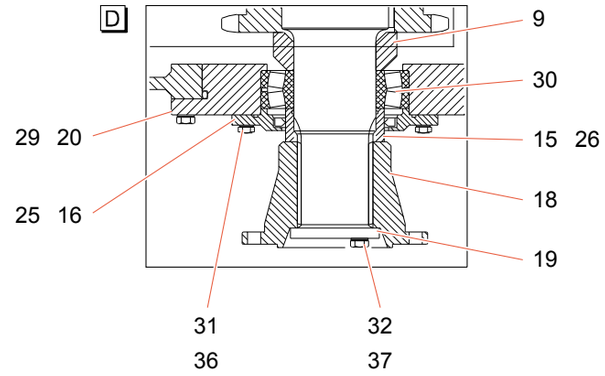

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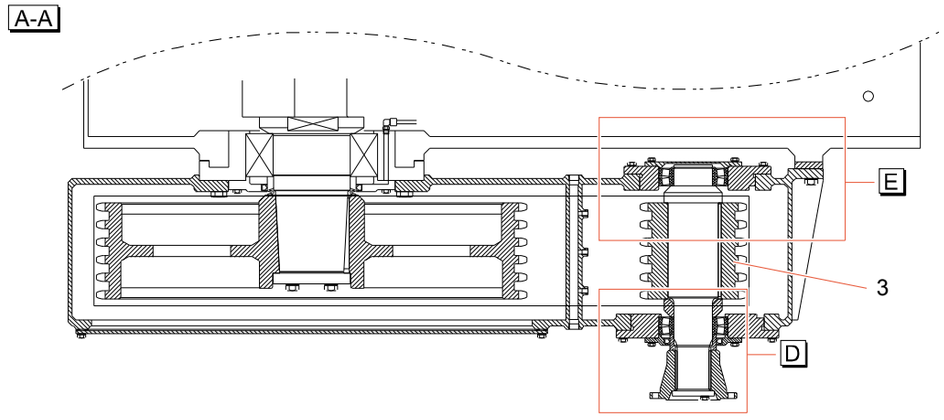

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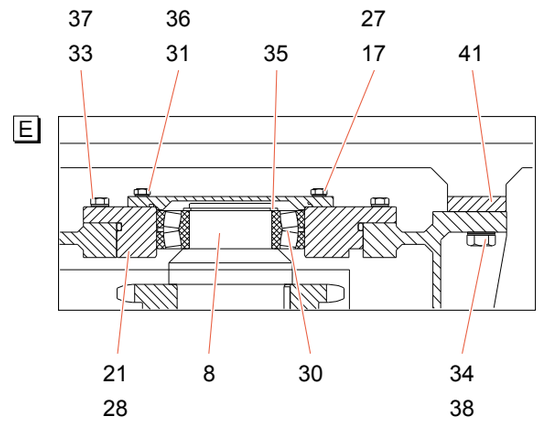

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Position	Part Number	Quantity	Description	Notes
1	01910656	1	Level indicator	-
2	01911207	1	Gasket	-
4	01911424	1	Chain	-
5	01911507	1	Gear	-
6	01911514	1	Box	-
7	01911515	1	Cover	-
10	01911547	1	Cover	-
11	01911548	1	Cover	-
12	01911549	2	Cover	-
13	01911550	2	Gasket	-
14	01911551	2	Gasket	-
22	50530009	1	Plug	-
23	50530093	1	Magnetic filter	-
24	52020213	12	Retaining washer	-
31	70351006	52	Screw	-
32	70351207	15	Screw	-
40	52020035	1	Retaining washer	-
42	52020203	40	Washer	-

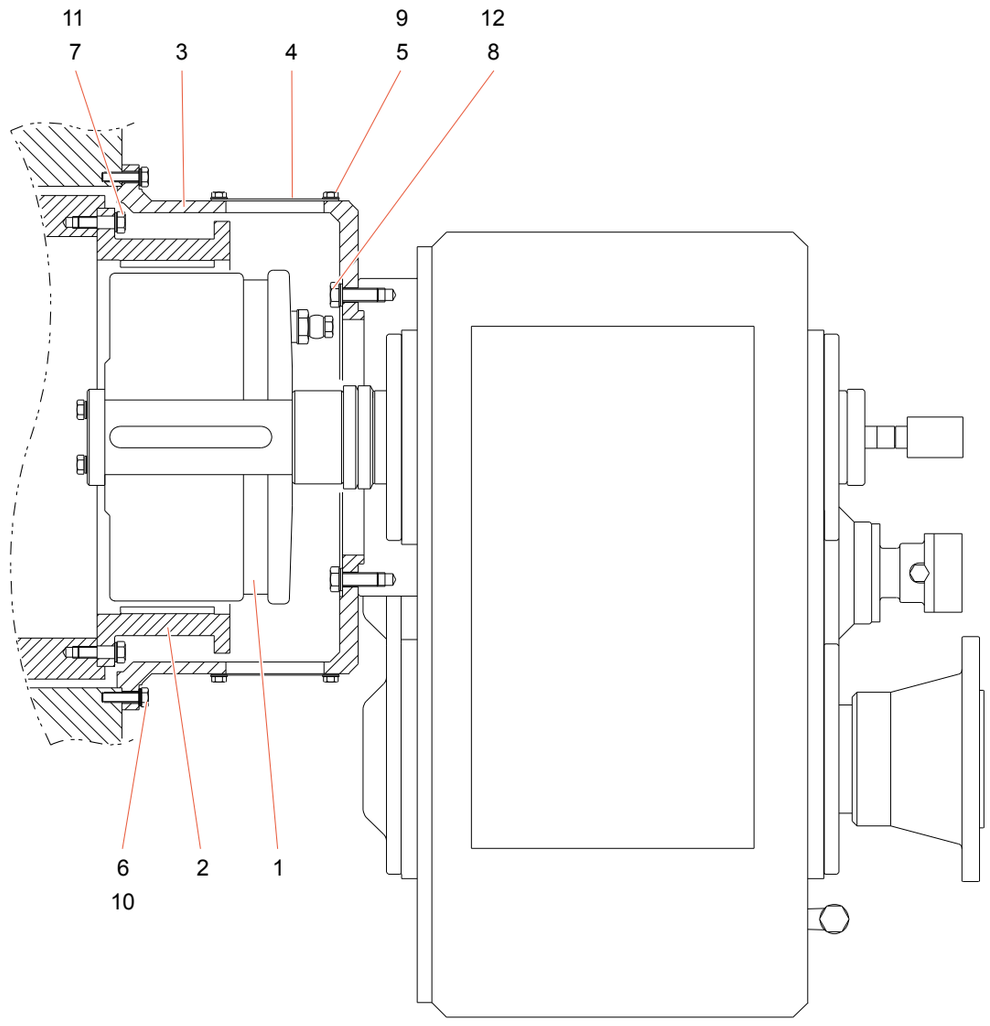

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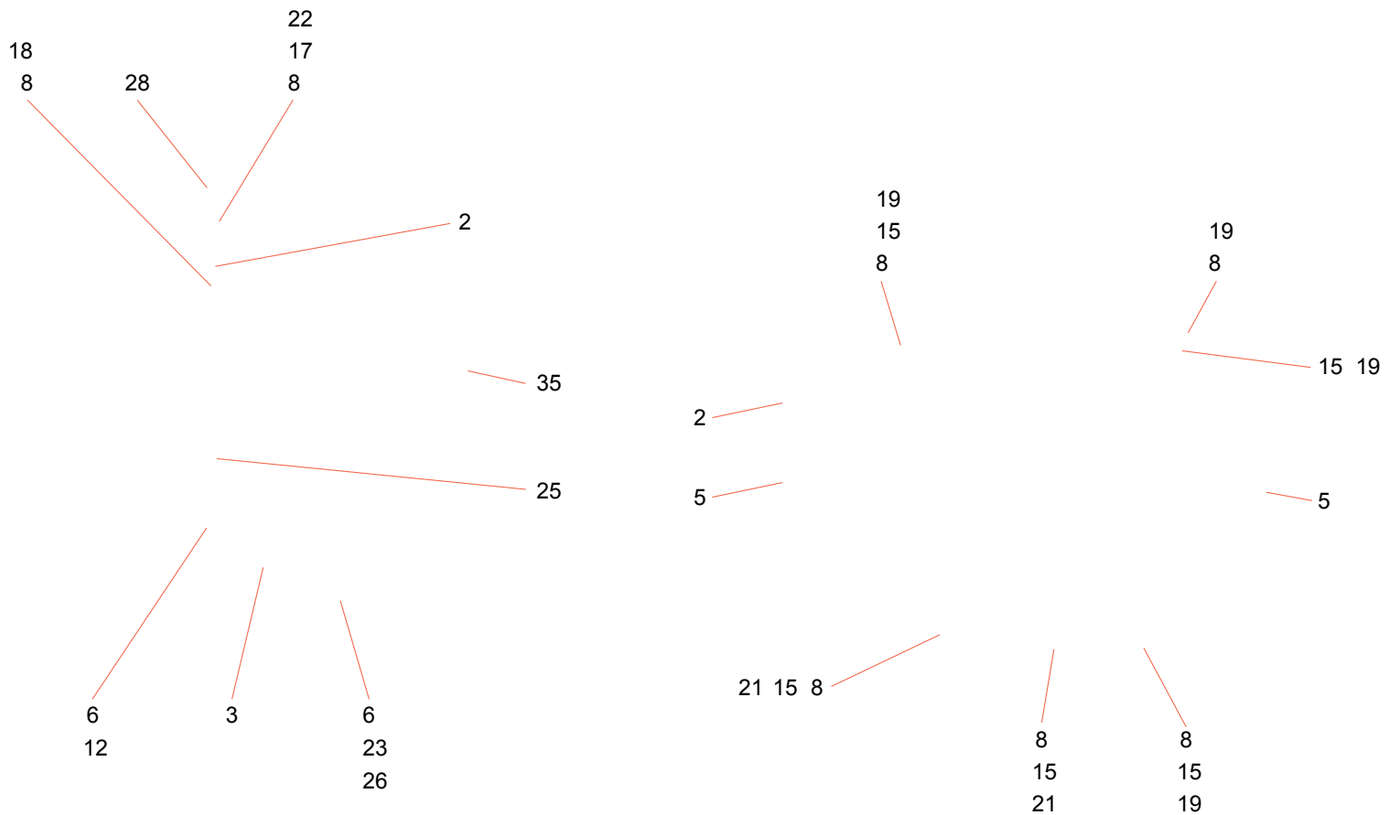

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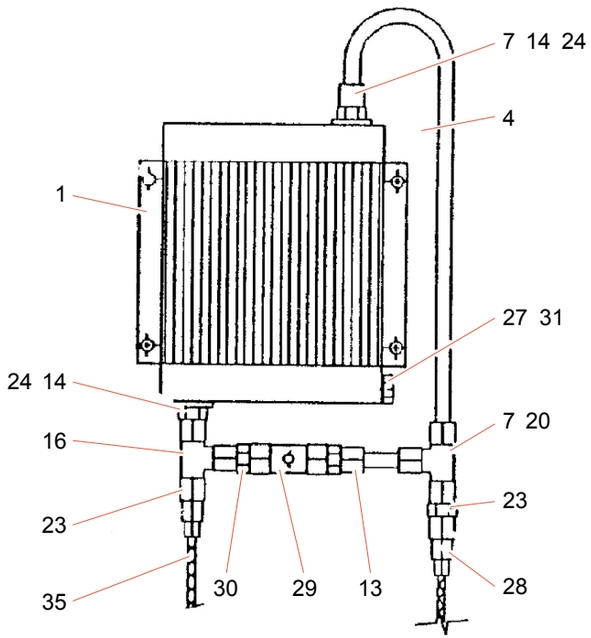
Position	Part Number	Quantity	Description	Notes
3	01911397	1	Pinion (z=21)	-
8	01911516	1	Shaft	-
9	01911517	1	Spacer	-
15	01921435	1	Spacer	-
16	01921437	1	Cover	-
17	01921438	1	Cover	-
18	01911004	1	Hub	-
19	01921576	1	Washer	-
20	01921662	1	Support	-
21	01921663	1	Support	-
25	52080161	1	Oil retainer	-
26	52103400	1	O-ring	-
27	52104750	2	O-ring	-
28	521081125	1	O-ring	-
29	521081300	1	O-ring	-
30	61160016	2	Bearing	-
31	70351006	52	Screw	-
32	70351207	15	Screw	-
33	70351209	24	Screw	-
34	70352012	4	Screw	-
35	70590100	1	Retaining ring	-
36	70902007	12	Plain washer	-
37	70902008	27	Plain washer	-
38	70902012	4	Plain washer	-
41	01915587	1	Spacer	-

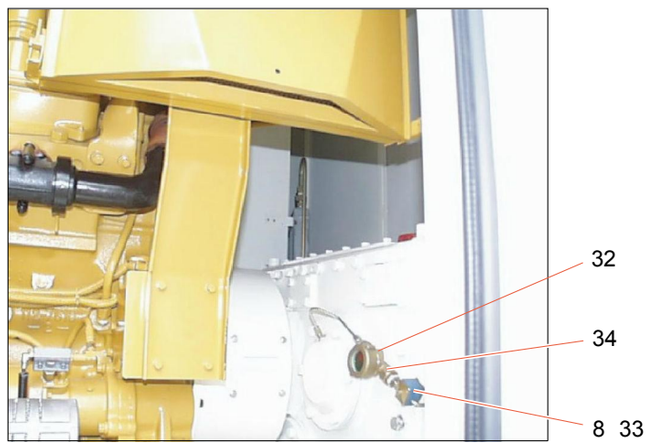

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Position	Part Number	Quantity	Description	Notes
1	**40180010**	**1**	**Clutch**	¤
1.A	RI40180010-01	1	Spring	
1.B	RI40180010-03	1	Gear	
1.C	RI40180010-04	1	Membrane	
2	01921426	1	Housing	-
3	01921476	1	Connection bell	-
4	01921479	2	Cover	-
5	70350804	8	Screw	-
6	70390048	12	Screw	-
7	70390062	16	Screw	-
8	70351408	10	Screw	-
9	70900818	8	Plain washer	-
10	70902049	12	Plain washer	-
11	70902048	16	Plain washer	-
12	70902009	10	Plain washer	-

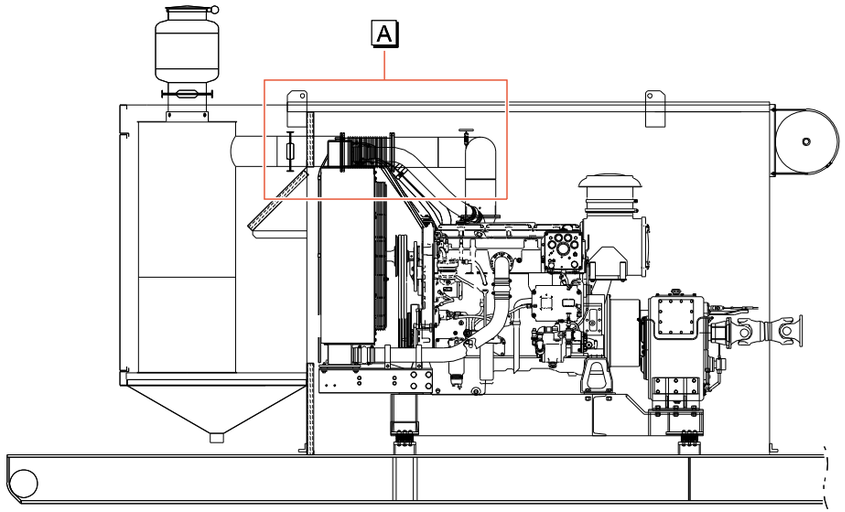

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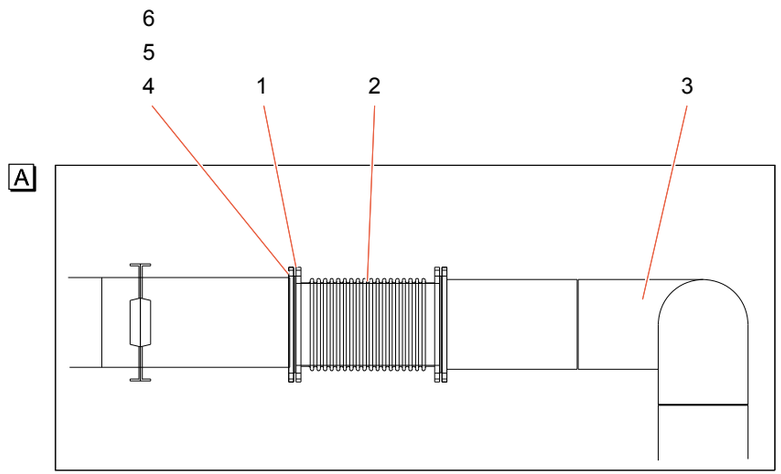
Position	Part Number	Quantity	Description	Notes
2	50030006	1 kg.	Pipe	-
3	50030012	1 kg.	Pipe	-
5	50041001	2	Clamp	-
6	50051012	2	Nut	-
8	50051106	9	Nut	-
12	50090012	1	Pipe fitting	-
15	50091005	5	Pipe fitting	-
17	50160012	1	Pipe fitting	-
18	50180106	1	Pipe fitting	-
19	50250106	3	Pipe fitting	-
21	50260106	3	Pipe fitting	-
22	50361206	1	Pipe fitting	-
23	50361612	3	Pipe fitting	-
25	50370012	1	Pipe fitting	-
26	50370016	1	Pipe fitting	-
28	506010306	1	Flexible hose	-
35	506010330	1	Flexible hose	-


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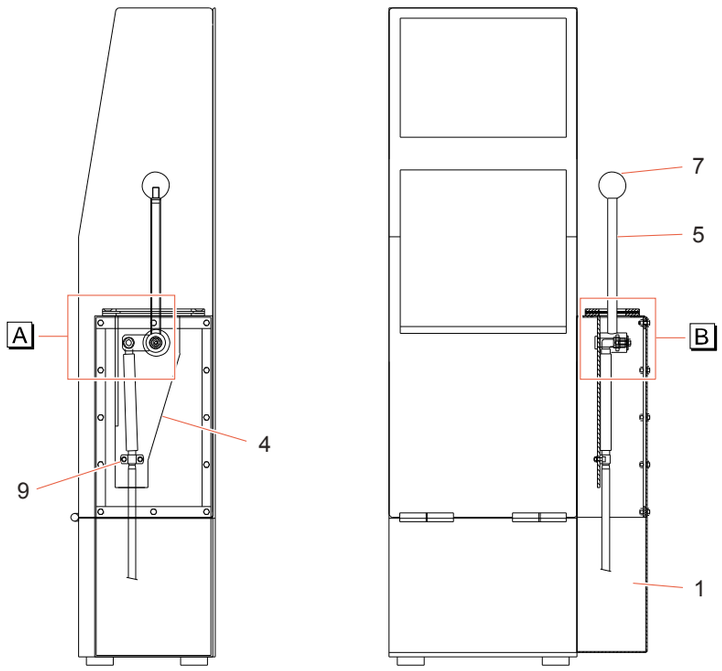

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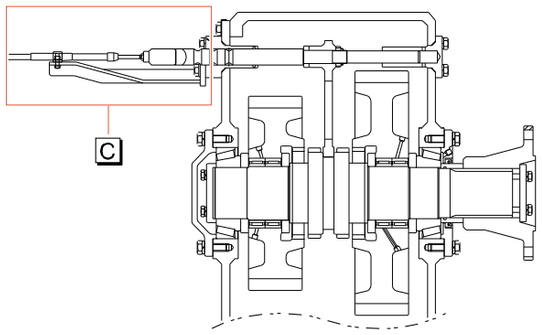
Position	Part Number	Quantity	Description	Notes
1	40720058	1	Radiator	-
4	50030016	1 kg.	Pipe	-
7	50051016	2	Nut	-
8	50051106	9	Nut	-
13	50090016	1	Pipe fitting	-
14	50090025	2	Pipe fitting	-
16	50140016	1	Pipe fitting	-
20	50260016	1	Pipe fitting	-
23	50361612	3	Pipe fitting	-
24	50362516	2	Pipe fitting	-
27	50520042	1	Plug	-
28	506010306	1	Flexible hose	-
29	50851221	1	Valve	-
30	50920018	1	Pipe fitting	-
31	52030020	1	Retaining washer	-
32	50540133	1	Indicator	-
33	50095006	2	Pipe fitting	-
34	50500007	2	Pipe fitting	-
35	506010330	1	Flexible hose	-

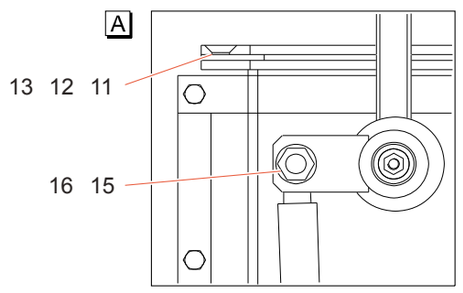

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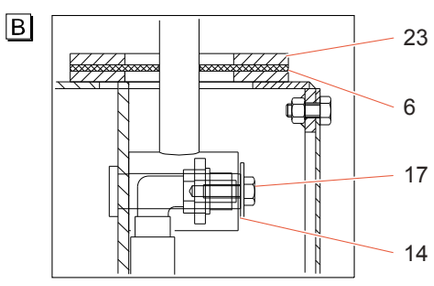

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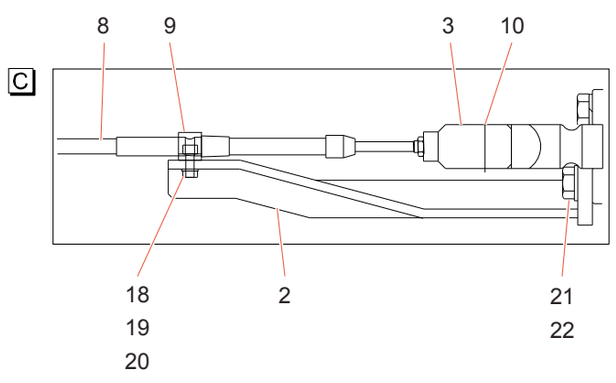
Position	Part Number	Quantity	Description	Notes
1	01911669	3	Gasket	-
2	01911789	1	Compensator	-
3	01915611	1	Pipeline	-
4	70351210	24	Screw	-
5	70661212	24	Nut	-
6	70911221	24	Spring washer	-


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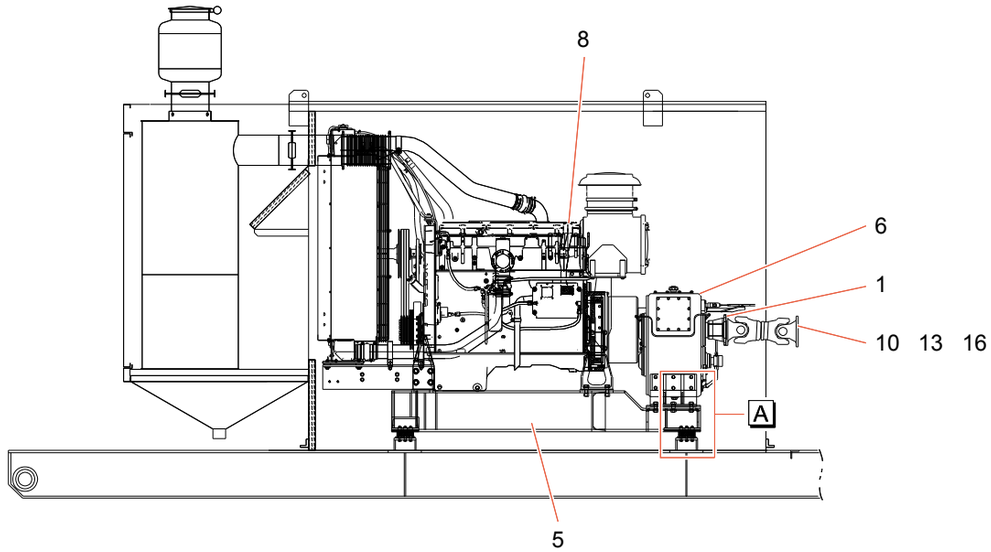

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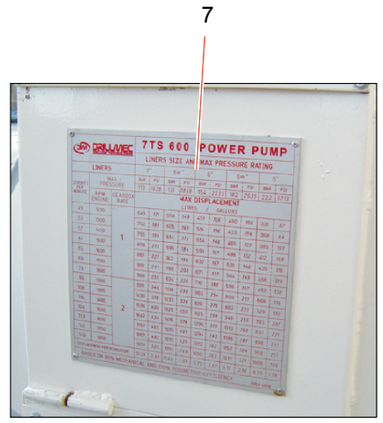

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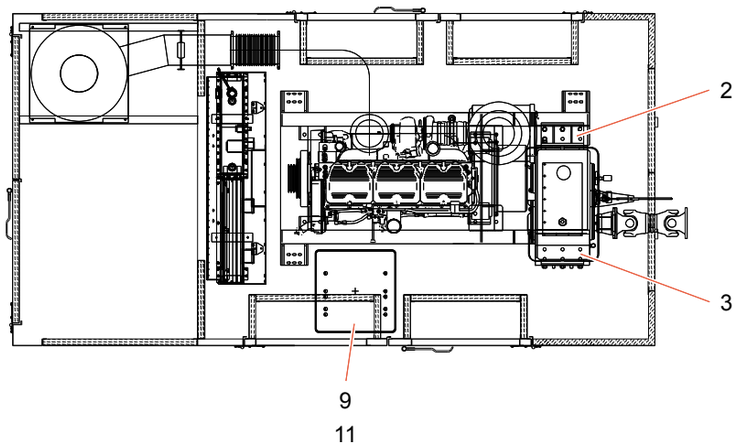

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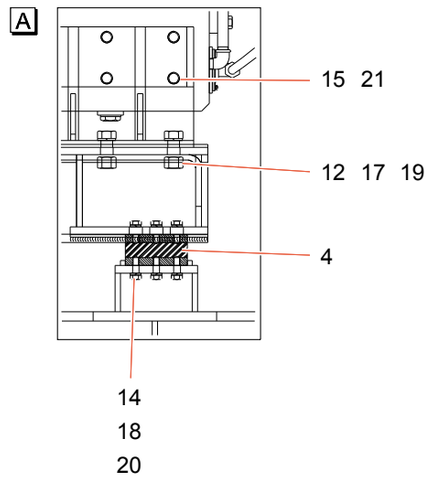

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Position	Part Number	Quantity	Description	Notes
1	01915573	1	Support	-
2	01921534	1	Support	-
3	01915577	1	Fork	-
4	01915575	1	Guard	-
5	01915574	1	Lever	-
6	01915576	1	Rubber protection	-
7	40750011	1	Knob	-
8	40880179	1	Cable	-
9	40880091	2	Connection	-
10	64021009	1	Pin	-
11	70420804	4	Screw	-
12	70660865	4	Nut	-
13	70900818	4	Plain washer	-
14	70904058	1	Plain washer	-
15	70611012	1	Self-locking nut	-
16	70901022	1	Plain washer	-
17	70350603	1	Screw	-
18	70370603	4	Screw	-
19	70660605	4	Nut	-
20	70900613	5	Plain washer	-
21	70351205	2	Screw	-
22	70901224	2	Plain washer	-
23	01915596	1	Flange	-

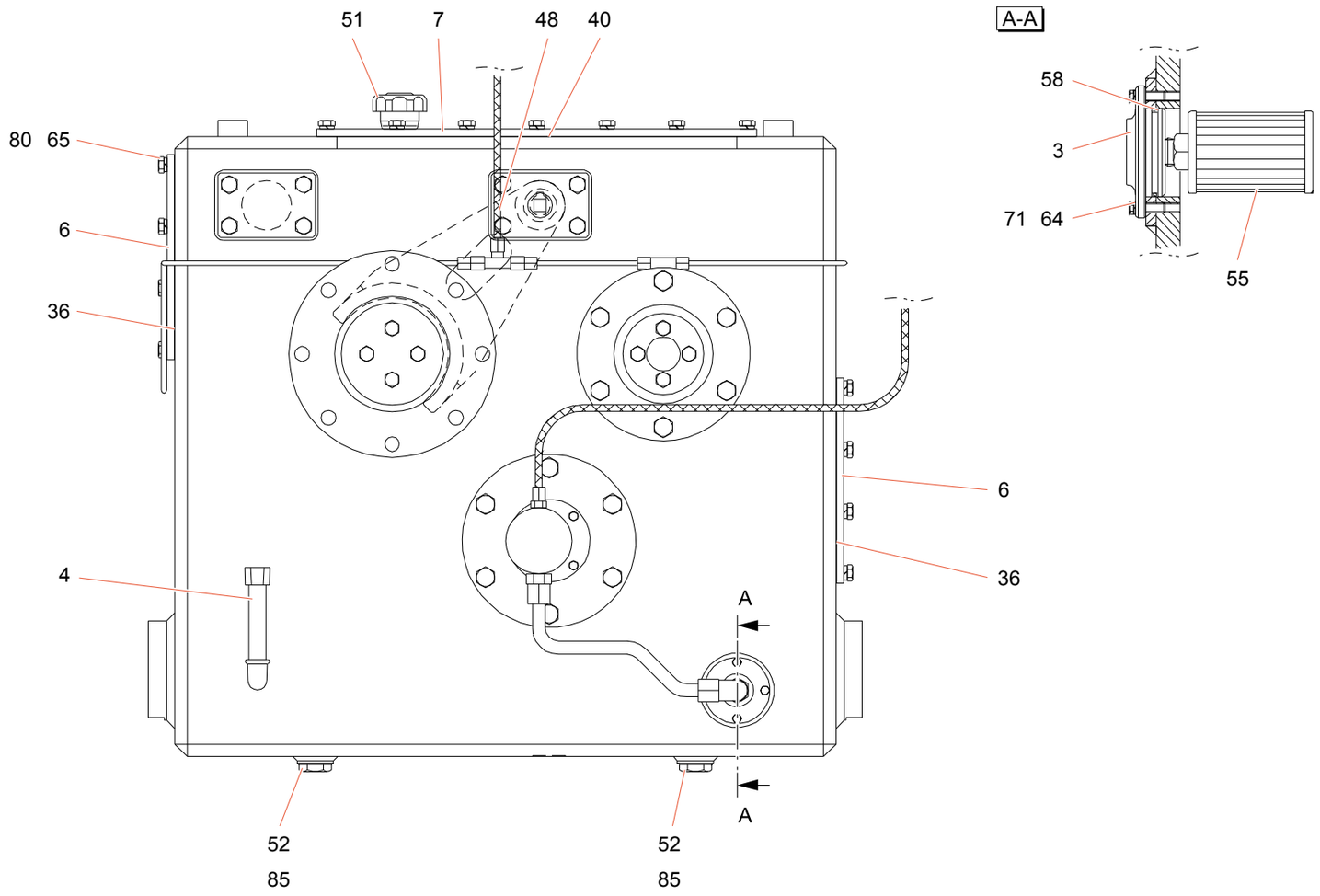

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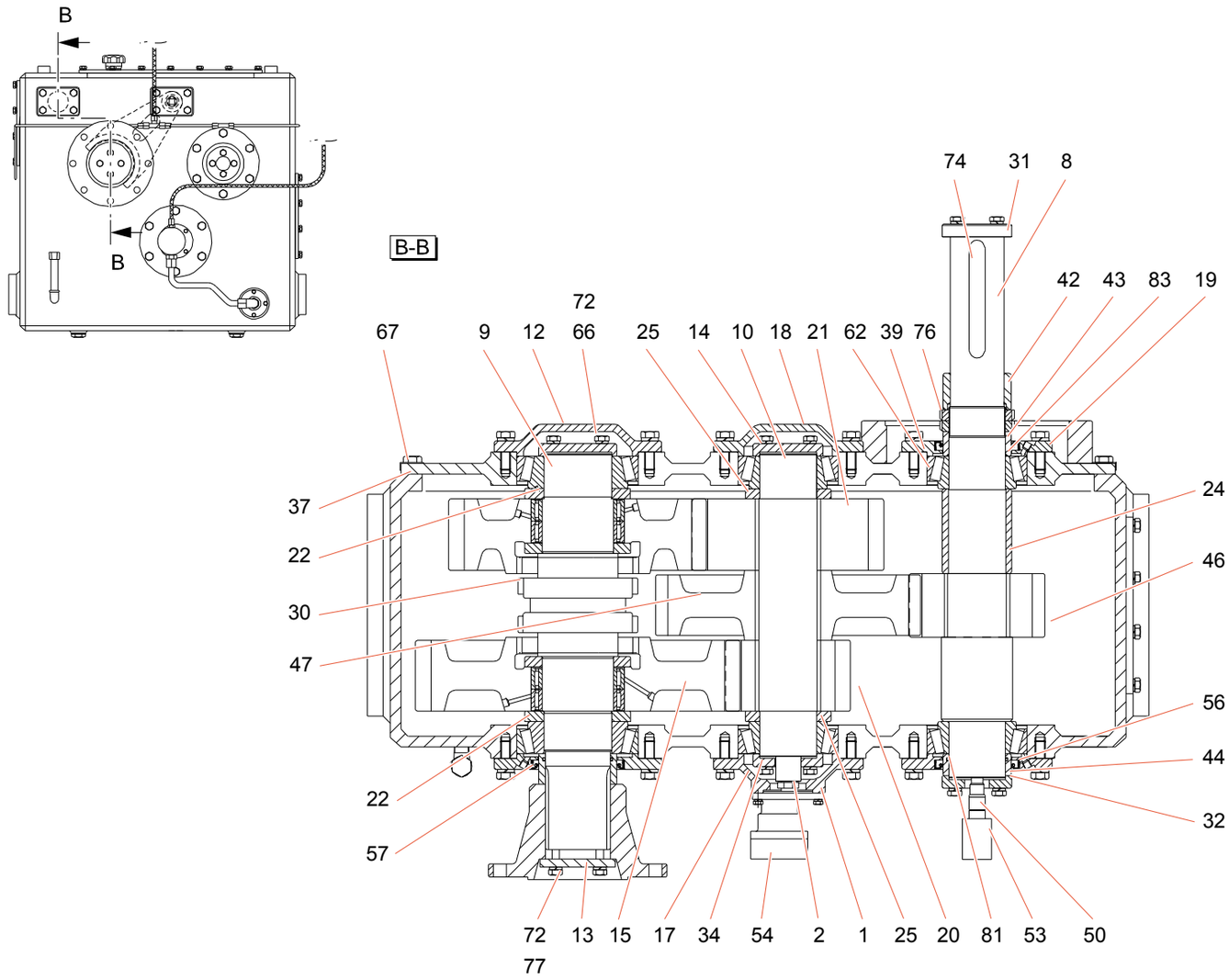

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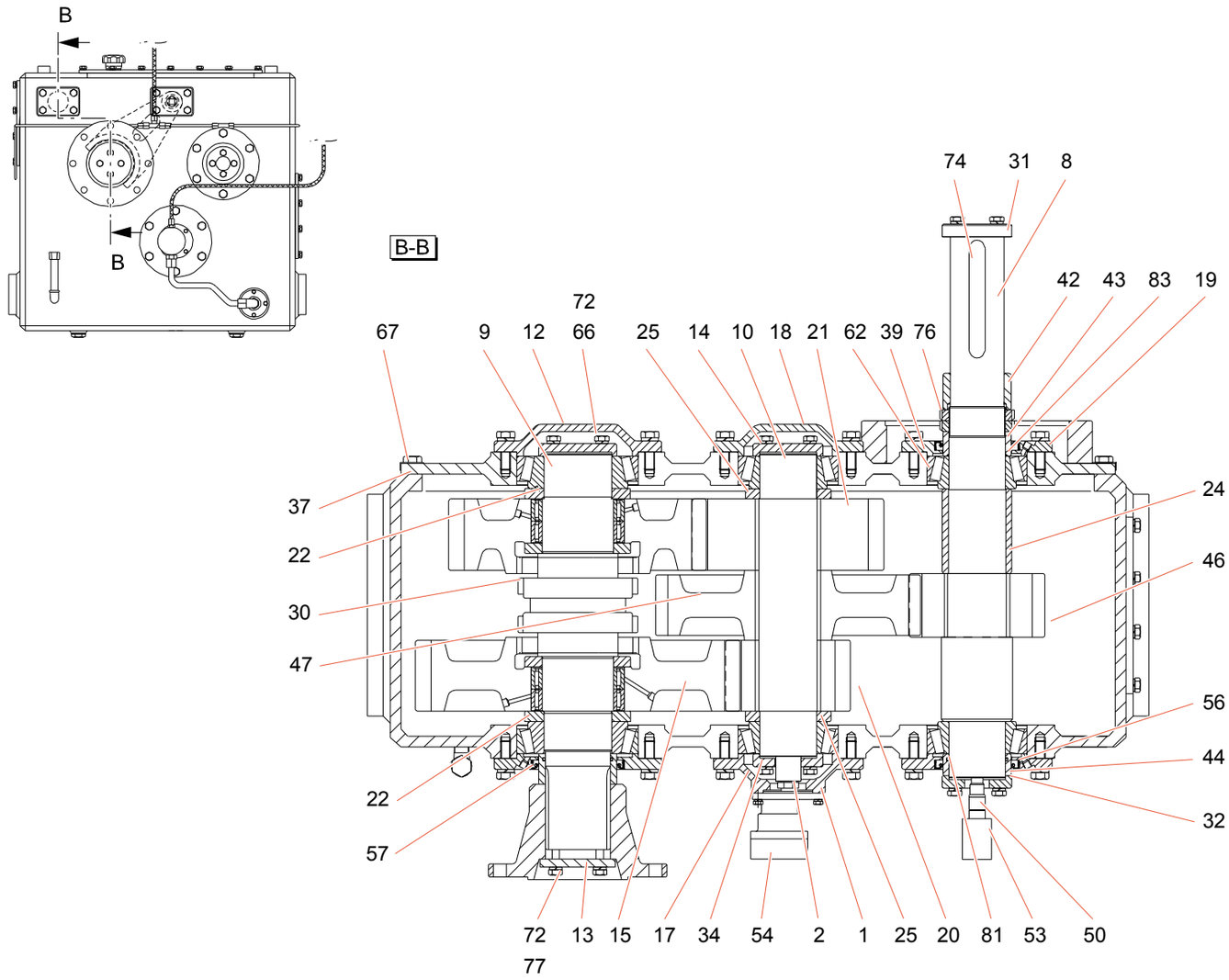
Position	Part Number	Quantity	Description	Notes
1	01911004	1	Hub	-
2	01911646	1	Support	-
3	01911647	1	Support	-
4	01911648	4	Support	-
5	01915453	1	Frame	-
6	01923284	1	Gearbox	★ 01923284-1
7	09534011E	1	Indication plate	-
8	40010289	1	Diesel engine	-
9	40227115	1	Box	-
10	**40590080**	**1**	**Cardan**	¤
10.A	RI40590080-01	1	Cardan cross	
11	47400027	2	Battery	-
12	70312214	24	Screw	-
13	70331612	16	Screw	-
14	70351207	48	Screw	-
15	70352210	12	Screw	-
16	70611618	16	Self-locking nut	-
17	70612226	24	Self-locking nut	-
18	70901224	48	Plain washer	-
19	70902240	24	Plain washer	-
20	70911221	48	Spring washer	-
21	70912235	12	Spring washer	-


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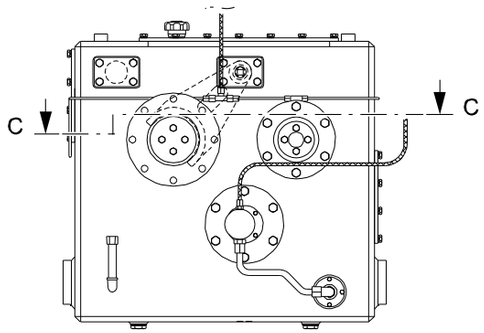
Position	Part Number	Quantity	Description	Notes
3	01860275	1	Flange	-
4	01910687	1	Level indicator	-
6	01921482	2	Cover	-
7	01921483	1	Cover	-
36	01921517	2	Gasket	-
40	01921521	1	Gasket	-
48	01923150	1	Lubrication system	-
51	50530009	1	Plug	-
52	50530084	2	Magnetic plug	-
55	50971082	1	Filter	-
58	52103193	1	O-ring	-
64	70350604	4	Screw	-
65	70351005	42	Screw	-
71	70902005	4	Plain washer	-
72	70902007	26	Plain washer	-
80	52020203	42	Washer	-
85	52020037	1	Retaining washer	-


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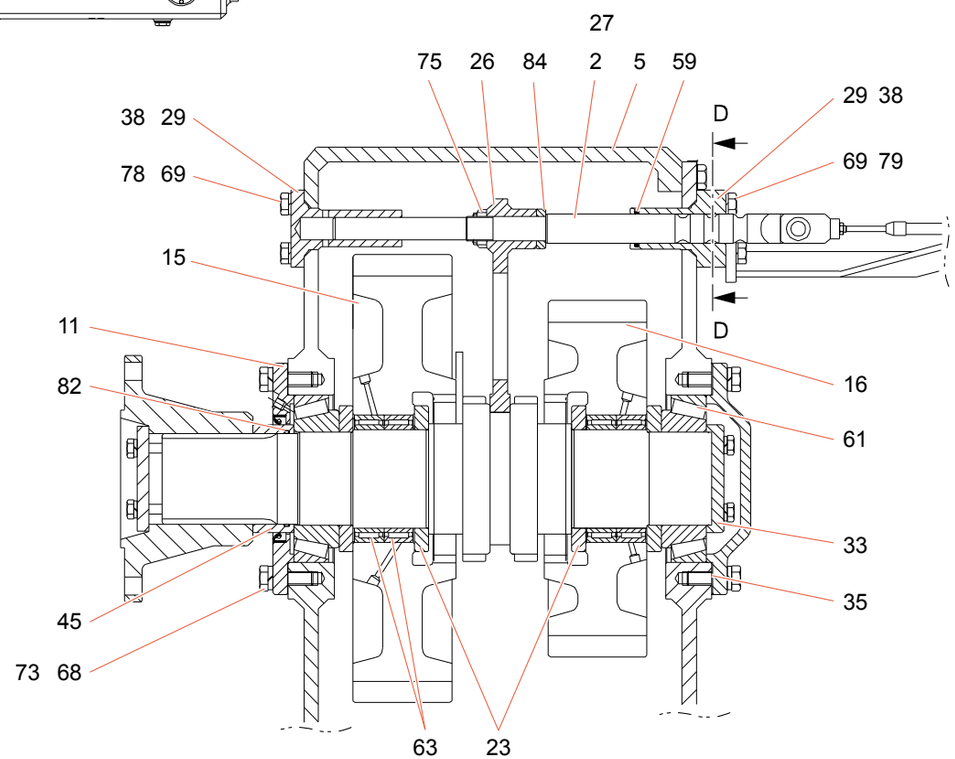
Position	Part Number	Quantity	Description	Notes
1	01850860	1	Gasket	-
2	01850861	1	Carrier	-
8	01921484	1	Shaft	-
9	01921485	1	Shaft	-
10	01921486	1	Shaft	-
12	01921488	1	Flange	-
13	01921490	1	Flange	-
14	01921491	1	Flange	-
15	01921744	1	Wheel	-
17	01921494	1	Flange	-
18	01921495	1	Flange	-
19	01921496	2	Flange	-
20	01921746	1	Pinion (z=15)	-
21	01921747	1	Pinion (z=24)	-
22	01915755	2	Spacer	-
24	01921503	1	Spacer	-
25	01921504	2	Spacer	-
30	01921511	1	Coupling	-
31	01921512	1	Clamping ring	-
32	01921513	1	Clamping ring	-
34	01921515	1	Clamping ring	-
37	01921518	1	Gasket	-
39	01921520	4	Gasket	-
42	01921523	1	Spacer	-
43	01921754	1	Spacer	-
44	01921755	1	Spacer	-
46	01921748	1	Pinion (z=21)	-
47	01921749	1	Gear rim	-
50	50470305	1	Pipe fitting	-
53	50640216	1	Rotorseal	-
54	50700128	1	Pump	-
56	52080149	2	Oil retainer	-
57	52080157	1	Oil retainer	-


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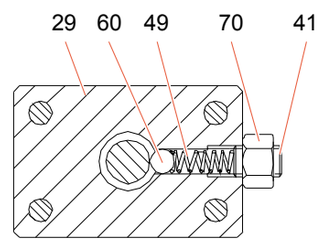
Position	Part Number	Quantity	Description	Notes
62	61180052	4	Bearing	-
66	70351008	20	Screw	-
67	70351407	34	Screw	-
72	70902007	26	Plain washer	-
74	71062232	1	Key	-
76	71270016	2	Ring nut	-
77	70351009	4	Screw	-
81	52104312	1	O-ring	-
83	52102151	1	O-ring	-


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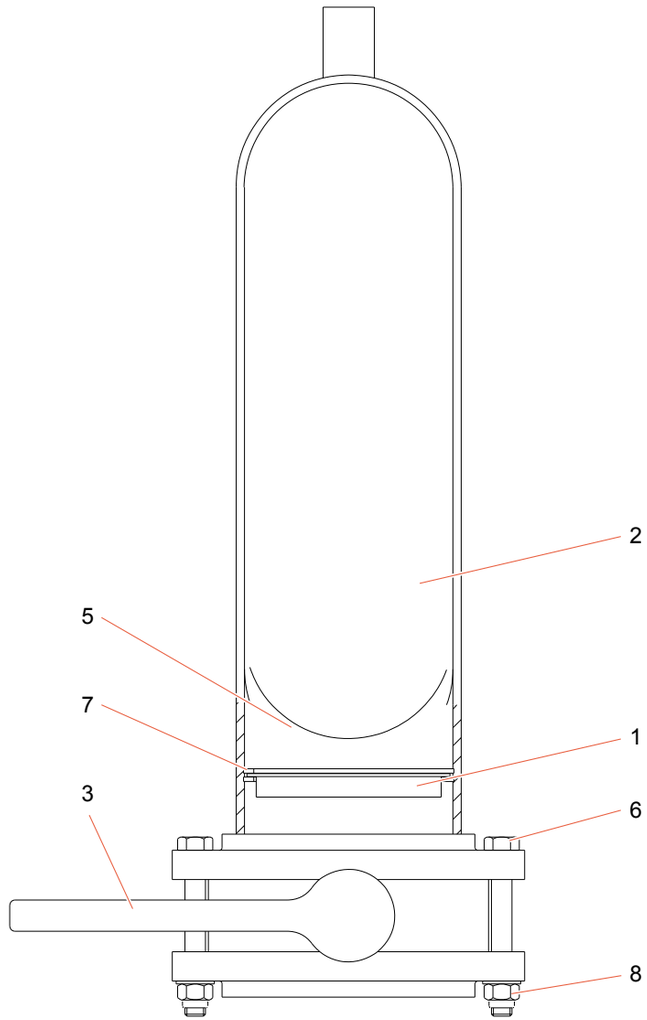

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Position	Part Number	Quantity	Description	Notes
2	01850861	1	Carrier	-
5	01921481	1	Box	-
11	01921487	1	Flange	-
15	01921744	1	Wheel	-
16	01921745	1	Wheel	-
23	01915754	2	Spacer	-
26	01921750	1	Fork	-
27	01921751	1	Shaft	-
29	01921510	1	Guide	-
33	01921514	1	Clamping ring	-
35	01921516	2	Gasket	-
38	01921519	2	Gasket	-
41	70451606	1	Headless screw	-
45	01921756	1	Spacer	-
49	40630116	1	Spring	-
59	52104118	1	O-ring	-
60	61060015	1	Ball	-
61	61180051	2	Bearing	-
63	61180053	4	Bearing	-
68	70351409	36	Screw	-
69	70902008	16	Plain washer	-
70	70681613	1	Nut	-
73	70902009	36	Plain washer	-
75	71290023	1	Ring nut	-
78	70351206	12	Screw	-
79	70351212	4	Screw	-
82	52104362	1	O-ring	-
84	01921760	1	Spacer	-

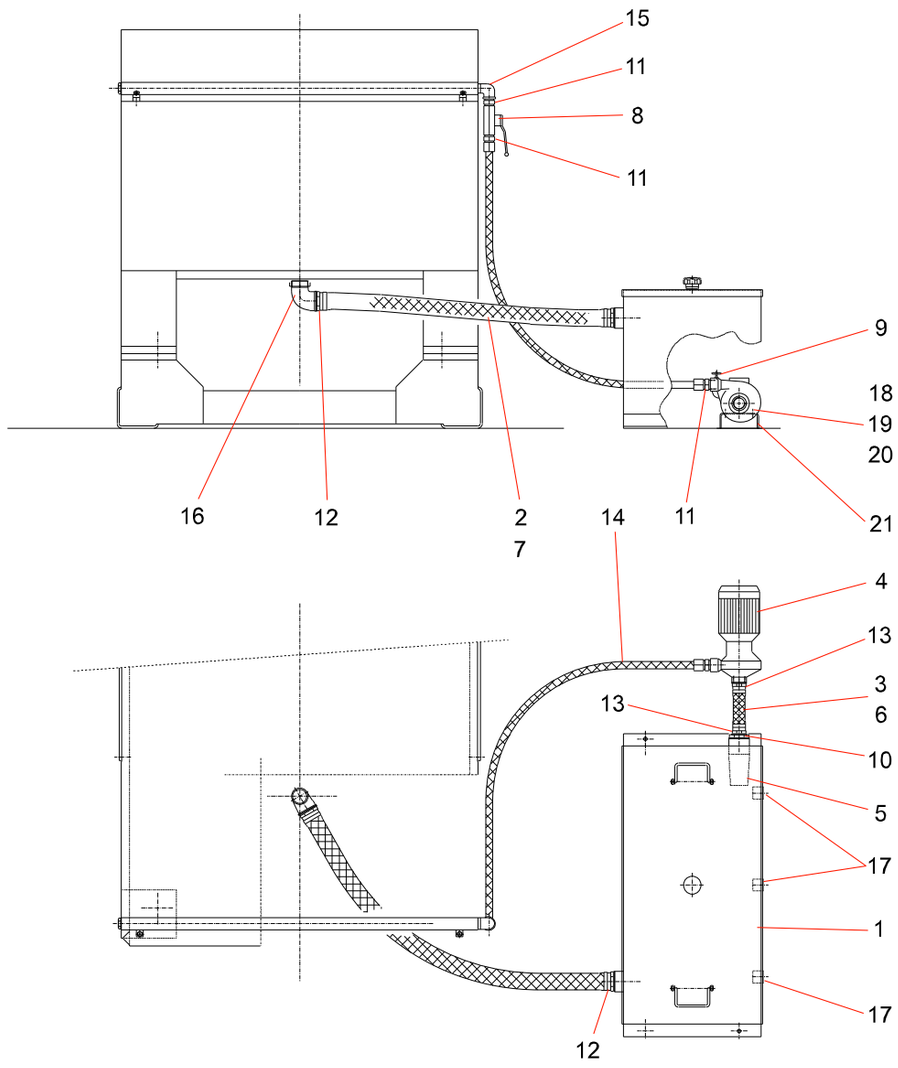
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3 Power pump preparation group

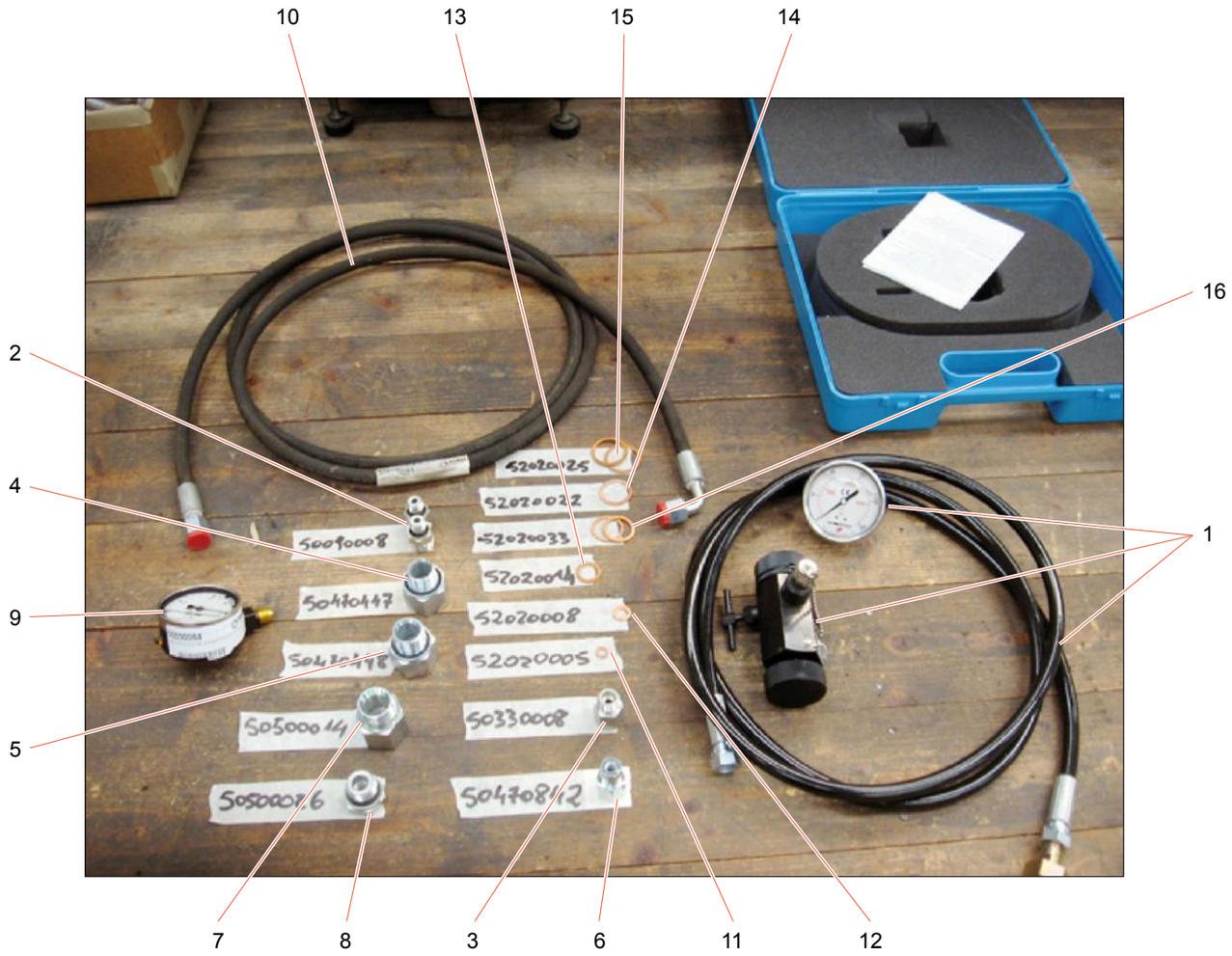
Table	Revision	Description	Notes
01911154 - 1	0 (02-2007)	Pulsations damper of intake line	-
01912283 - 1	0 (08-2007)	Liners cooling system	-
01913114 - 1	1 (01-2007)	Charging kit for pulsations damper	-
01914102 - 1	1 (01-2006)	Manifold with flange	-
01916205 - 1	1 (12-2008)	Pressure line	-
01916229 - 1	0 (02-2011)	Preparation of power pump on skid	-


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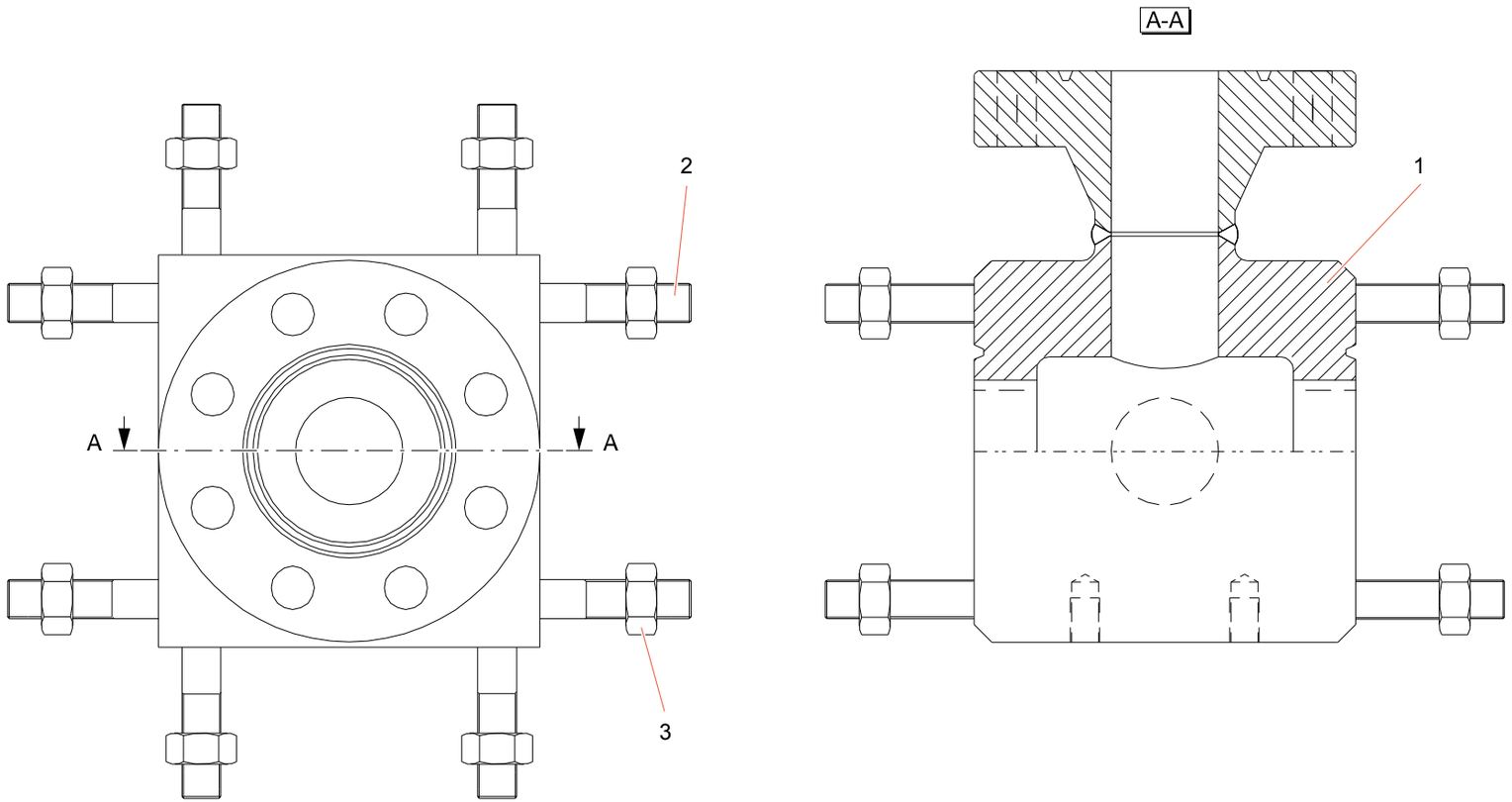
Position	Part Number	Quantity	Description	Notes
1	01910806	1	Guard	-
2	01910857	1	Body	-
3	40390654	1	Valve	-
5	50990022	1	Accumulator	-
6	70312030	8	Screw	-
7	70600200	2	Retaining ring	-
8	70612024	8	Self-locking nut	-


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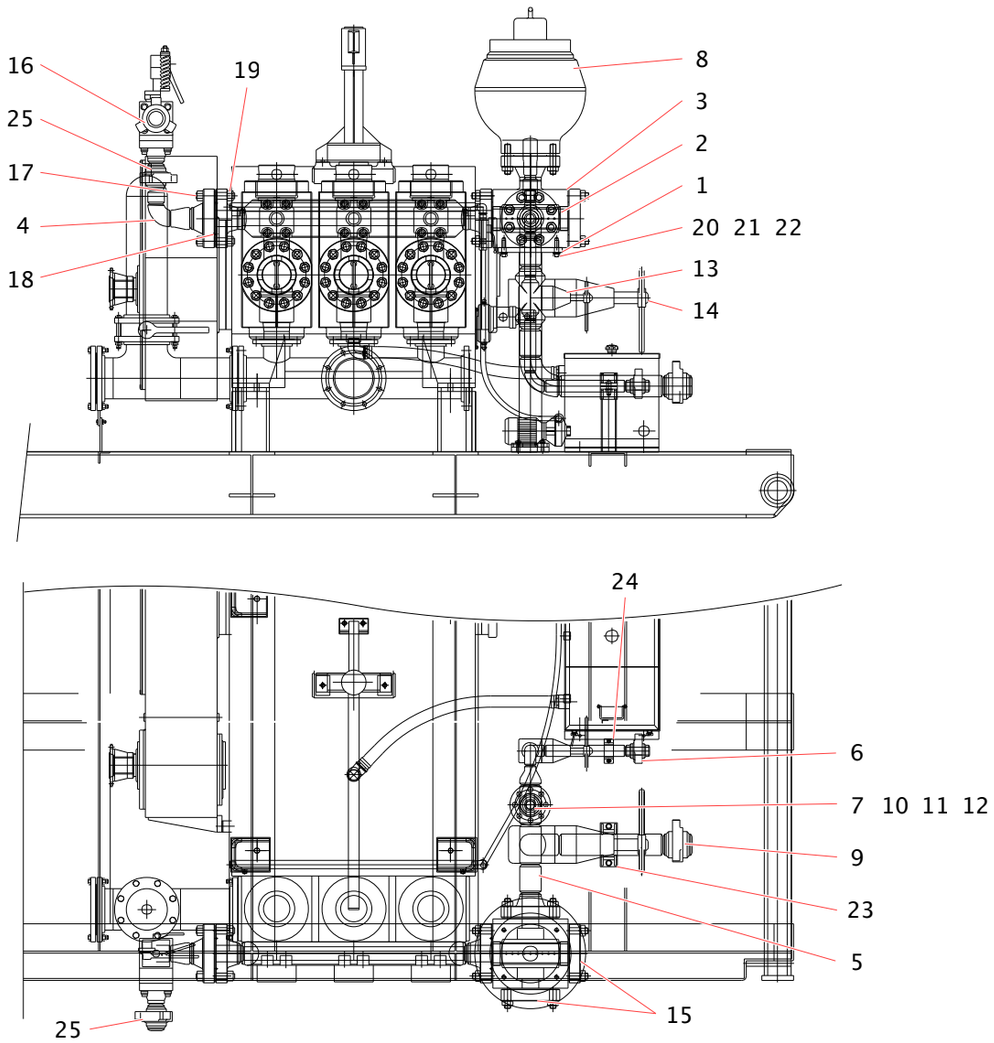
Position	Part Number	Quantity	Description	Notes
1	01911578	1	Reservoir	-
2	08810024	1 m.	Flexible hose	-
3	08810205	1 m.	Rubber hose	-
4	40110239	1	Pump	-
5	40390823	1	Filter	-
6	40470006	2	Elbow	-
7	40740050	2	Clamp	-
8	50310020	1	Ball valve	-
9	50310080	1	Needle valve	-
10	50500035	1	Pipe fitting	-
11	50590007	2	Pipe fitting	-
12	50590326	2	Pipe fitting	-
13	50590331	2	Pipe fitting	-
14	50600661	1	Flexible hose	-
15	50630036	1	Joint	-
16	50630039	1	Joint	-
17	50630066	3	Male plug	-
18	70351006	4	Screw	-
19	70661010	4	Nut	-
20	70911017	4	Spring washer	-
21	01911302	1	Support	-


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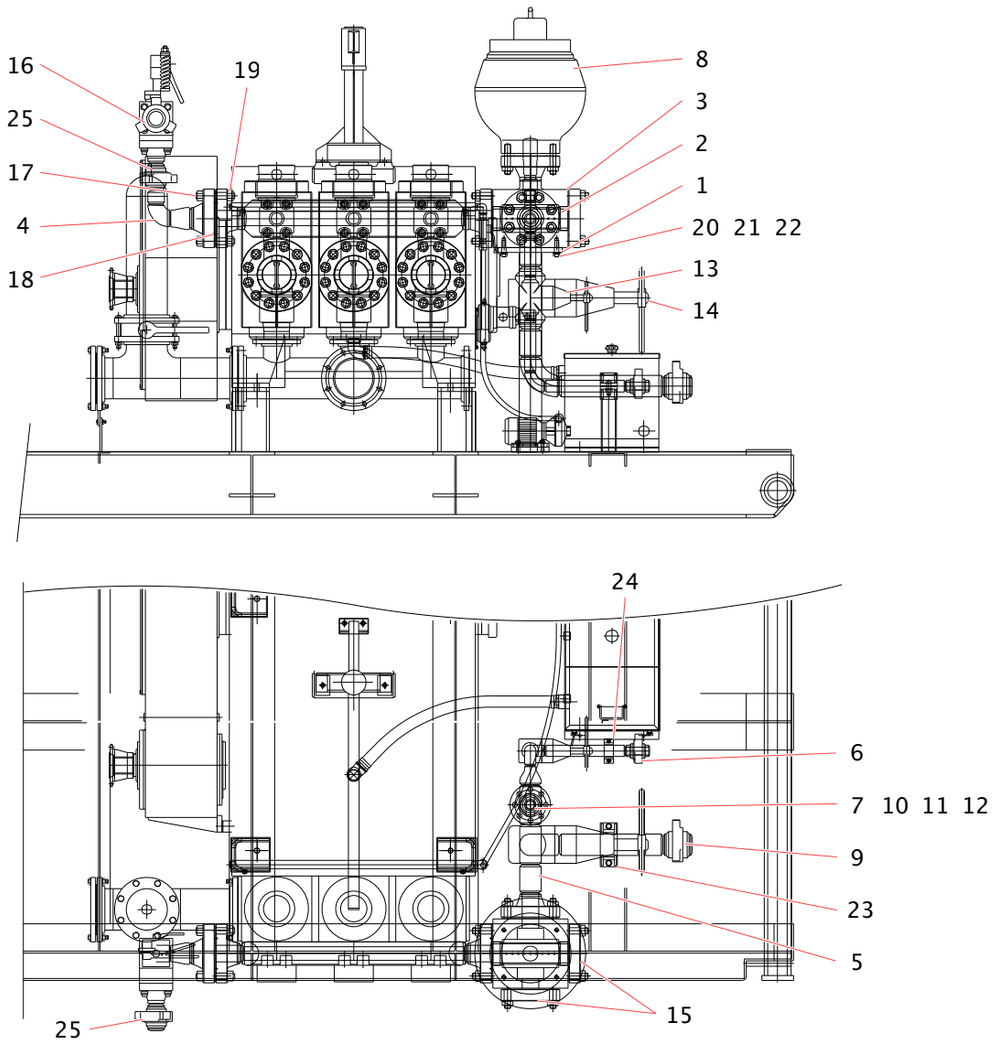
Position	Part Number	Quantity	Description	Notes
1	09400106	1	Accumulator loading and pressure control group	-
2	50090008	2	Pipe fitting	-
3	50330008	1	Pipe fitting	-
4	50470447	1	Reduction adapter	-
5	50470448	1	Reduction adapter	-
6	50470842	1	Pipe fitting	-
7	50500014	1	Reduction adapter	-
8	50500026	1	Reduction adapter	-
9	50550084	1	Manometer	-
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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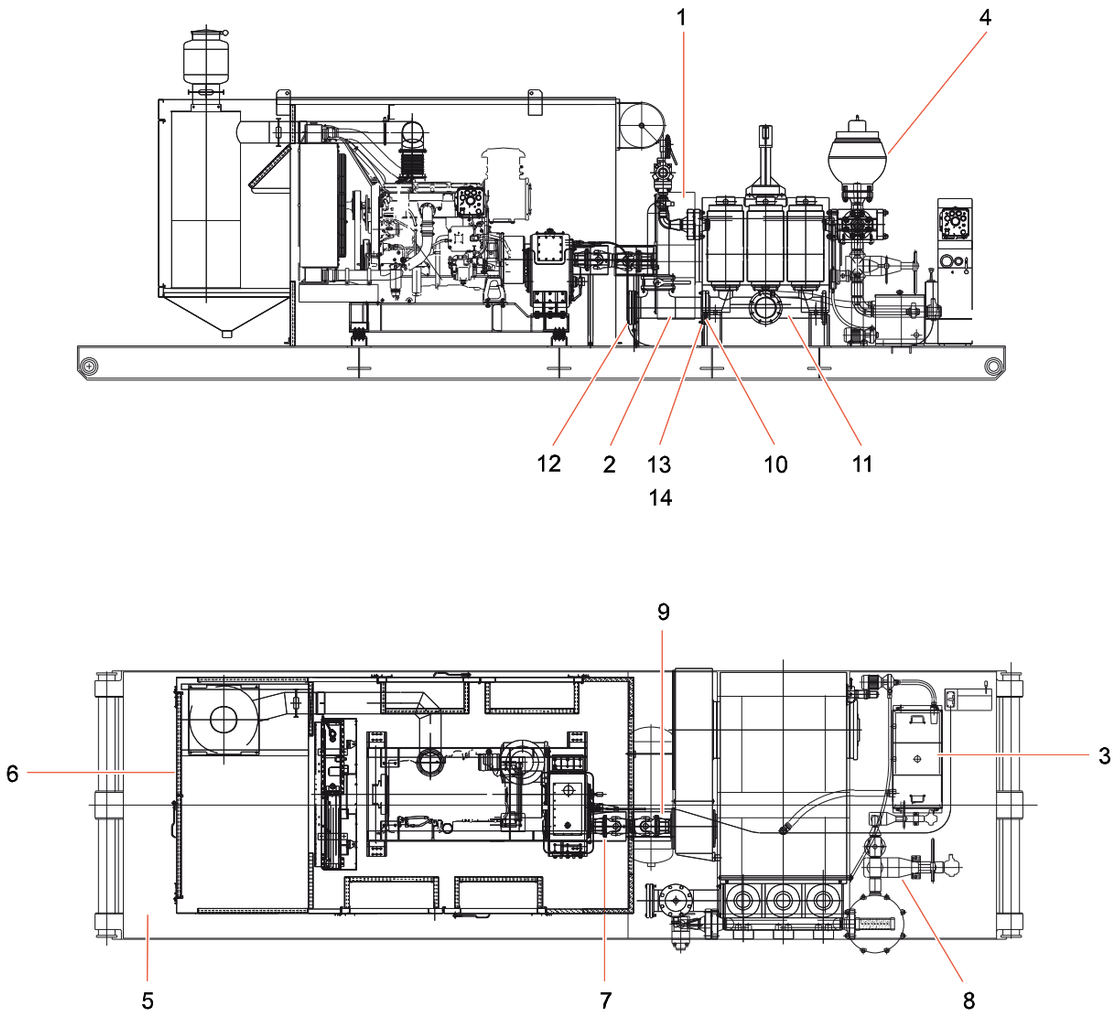
Position	Part Number	Quantity	Description	Notes
1	01913325	1	Delivery block	-
2	01910859	32	Stud bolt	-
3	70760006	32	Nut	-


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Position	Part Number	Quantity	Description	Notes
1	01911878	1	Support	-
2	01913326	1	Filter	-
3	01914102	1	Manifold	★ 01914102-1
4	01915437	1	Pipeline	-
5	01915543	1	Delivery pipe	-
6	40390727	1	Joint	-
7	40391187	1	Manometer	-
8	**40390679**	**1**	**Pulsation damper**	¤
8.A	RI40390679-01	1	Diaphragm	
9	40391530	1	Joint	-
10	01913845	8	Stud bolt	-
11	01961226	16	Nut	-
12	52450003	1	Gasket	-
13	**50310157**	**1**	**Valve**	¤
13.A	RI50310157-03	1	Gasket kit	
13.B	RI50310157-04	1	Repair kit	
13.C	RI50310157-05	1	Repair kit	
13.D	RI50310157-06	1	Seal kit gate valve 2"-5000 psi	
14	**50310158**	**1**	**Valve**	¤
14.A	RI50310158-03	1	Gasket kit	
14.B	RI50310158-04	1	Repair kit	
14.C	RI50310158-05	1	Major repair kit 4" gate valve	
15	50960048	2	Flange	-
16	**40391468**	**1**	**Valve**	¤
16.A	RI40391468-01	1	Reset relief valve gasket repair kit	
16.B	RI40391468-02	1	30827-hs outer retainer	
16.C	RI40391468-03	1	31861-2 sub	
16.D	RI40391468-04	1	30828 stem bushing	
16.E	RI40391468-05	1	30373 reset crank	
16.F	RI40391468-06	1	23545 lower link pin	
16.G	RI40391468-07	1	31980 top crank pin replacement kit	
16.H	RI40391468-08	1	20712-02 1/8" dia. roll pin x5/8" lg.	
16.I	RI40391468-09	1	20712-03 1/8" dia. roll pin x7/8" lg.	
16.J	RI40391468-10	1	20712-04 1/4" dia. roll pin x1.1/2" lg.	
16.K	RI40391468-11	1	20712-13 5/16" dia. roll pin x1.3/8" lg.	
16.L	RI40391468-12	1	30829-hs piston assembly	
16.M	RI40391468-13	1	111676 cap screw	


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Position	Part Number	Quantity	Description	Notes
17	01921882	8	Stud bolt	-
18	52450009	5	Gasket	-
19	01961223	16	Nut	-
20	70352013	4	Screw	-
21	70902038	4	Plain washer	-
22	70912033	4	Spring washer	-
23	01911784	1	Support	-
24	01911786	1	Support	-
25	40391576	2	3" union assy	-

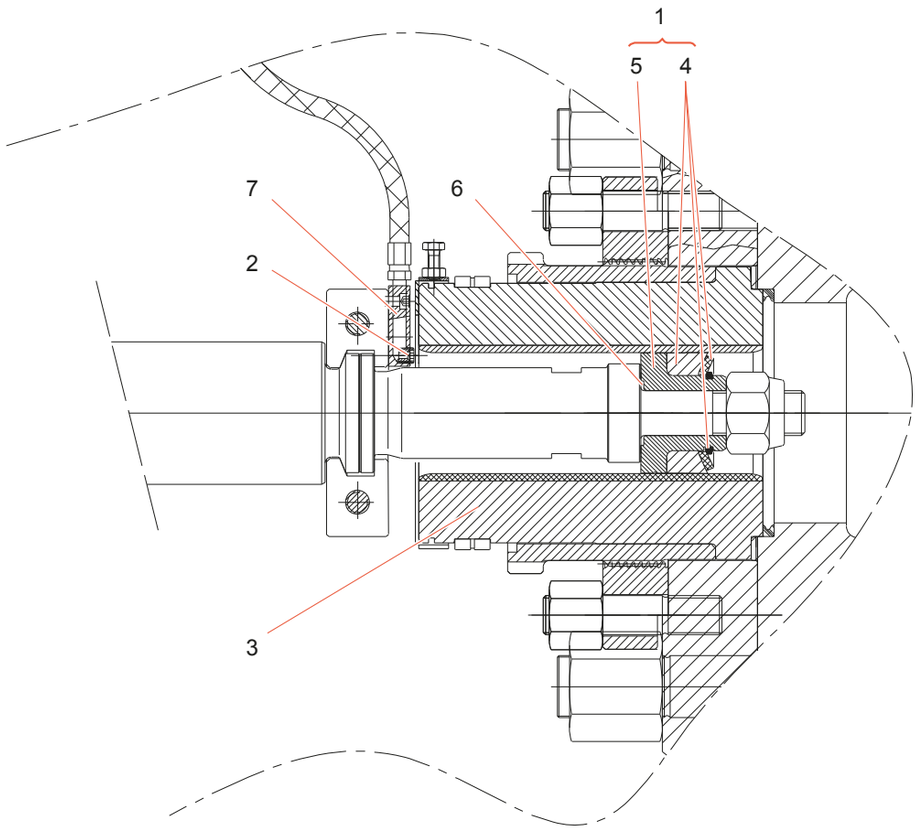

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Position	Part Number	Quantity	Description	Notes
1	01911154	1	Dampener assembly	★ 01911154-1
2	01911779	1	Pipeline	-
3	01912283	1	Pipeline	★ 01912283-1
4	01913114	1	Hydril recharge kit	★ 01913114-1
5	01915331	1	Completion skid group	-
6	01915581	1	Guard	-
7	01915632	1	Guard	-
8	01916205	1	Delivery piping group	★ 01916205-1
9	01920975	1	Guard	-
10	01960329	4	Gasket	-
11	50960026	2	Flange	-
12	70312018	16	Screw	-
13	70662020	16	Nut	-
14	70912033	16	Spring washer	-

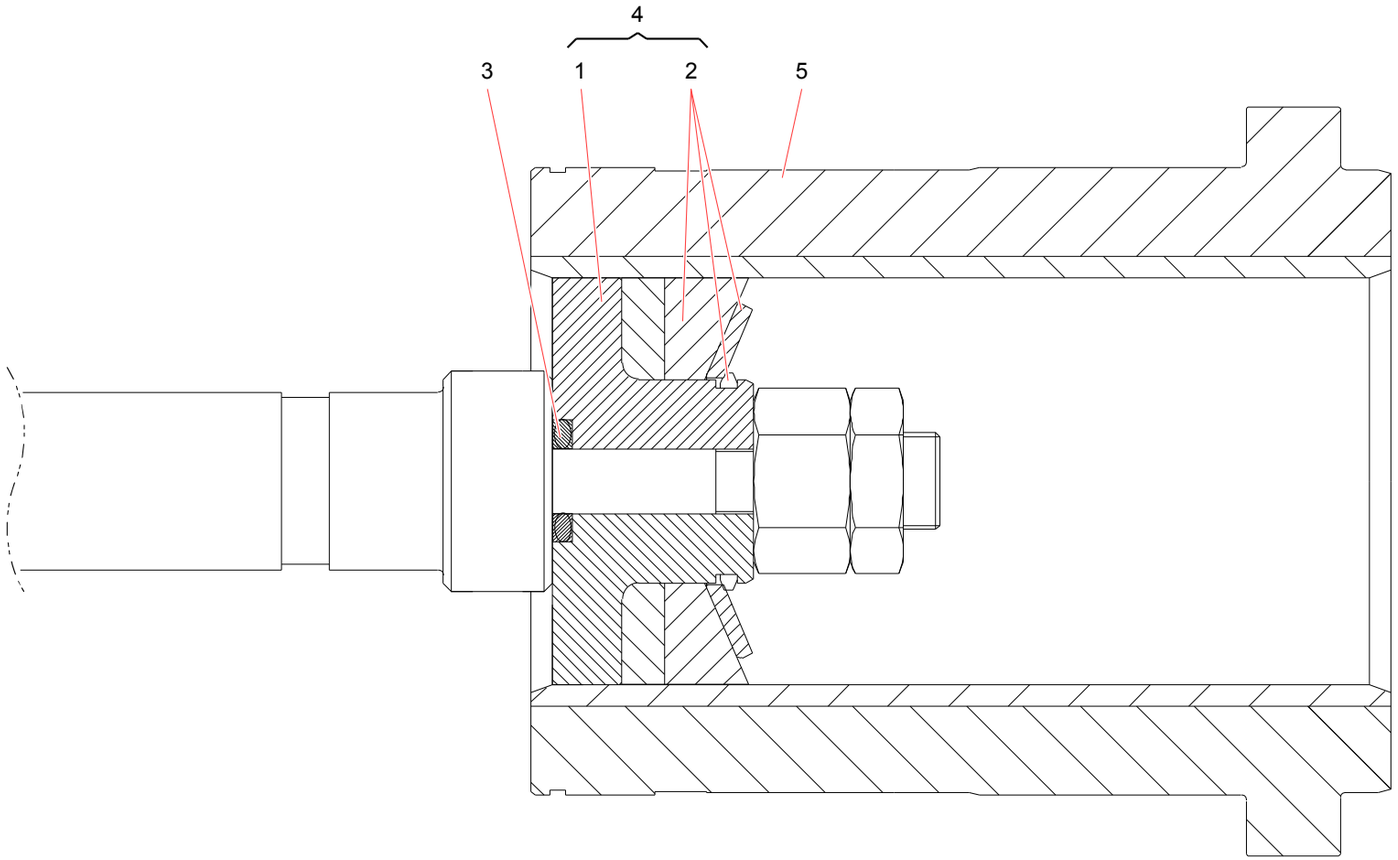
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4 Liner and piston group

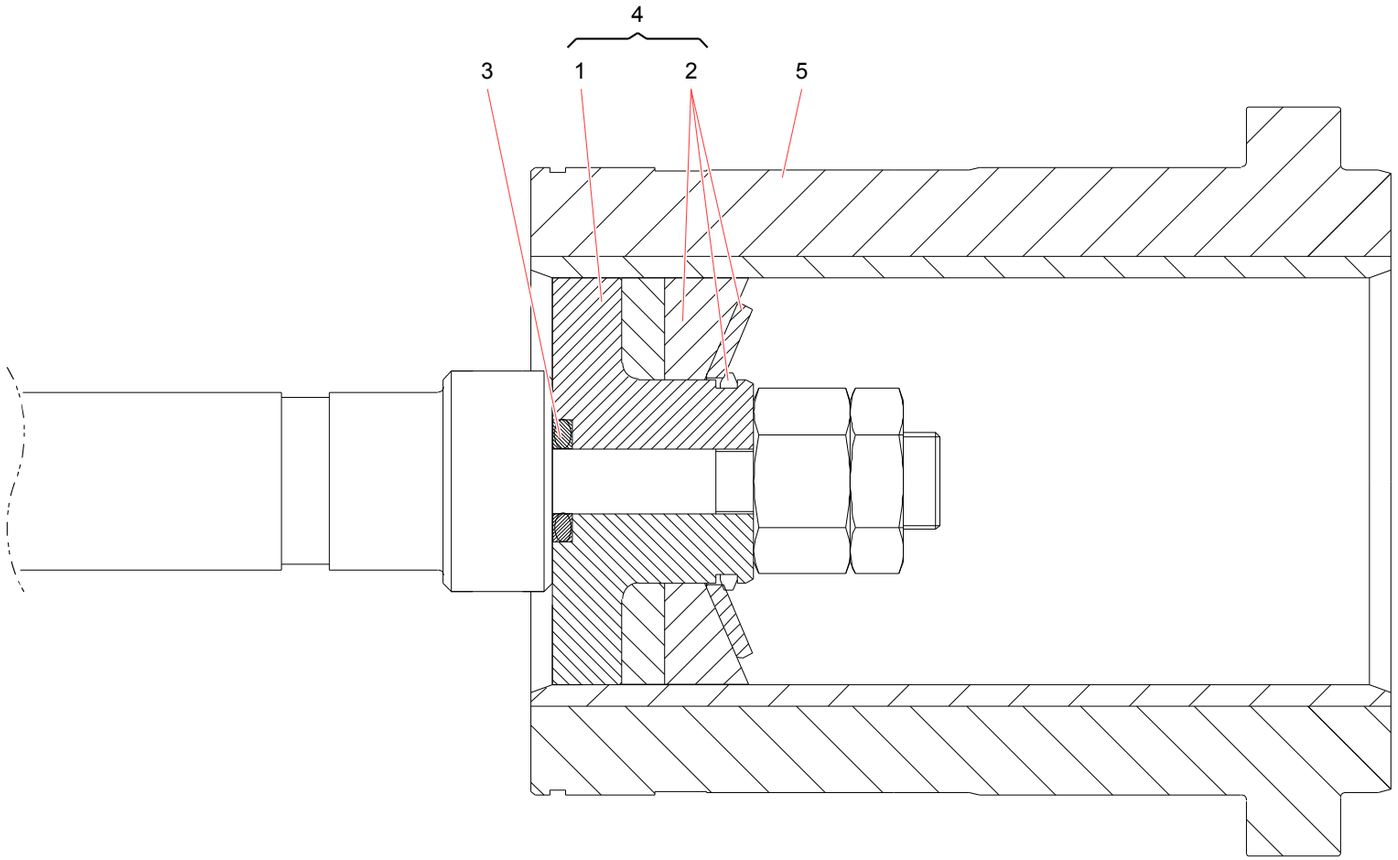
Table	Revision	Description	Notes
01916322 - 1	0 (05-2012)	Ø 4" liner and piston kit	-
01915196 - 1	0 (02-2010)	Ø 4 ½" liner and piston kit	-
01912382 - 1	0 (02-2007)	Ø 5" liner and piston kit	-
01912383 - 1	0 (02-2007)	Ø 5 ½" liner and piston kit	-
01912299 - 1	0 (02-2007)	Ø 6" liner and piston kit	-
01912399 - 1	0 (03-2007)	Ø 6 ½" liner and piston kit	-
01912298 - 1	0 (02-2007)	Ø 7" liner and piston kit	-


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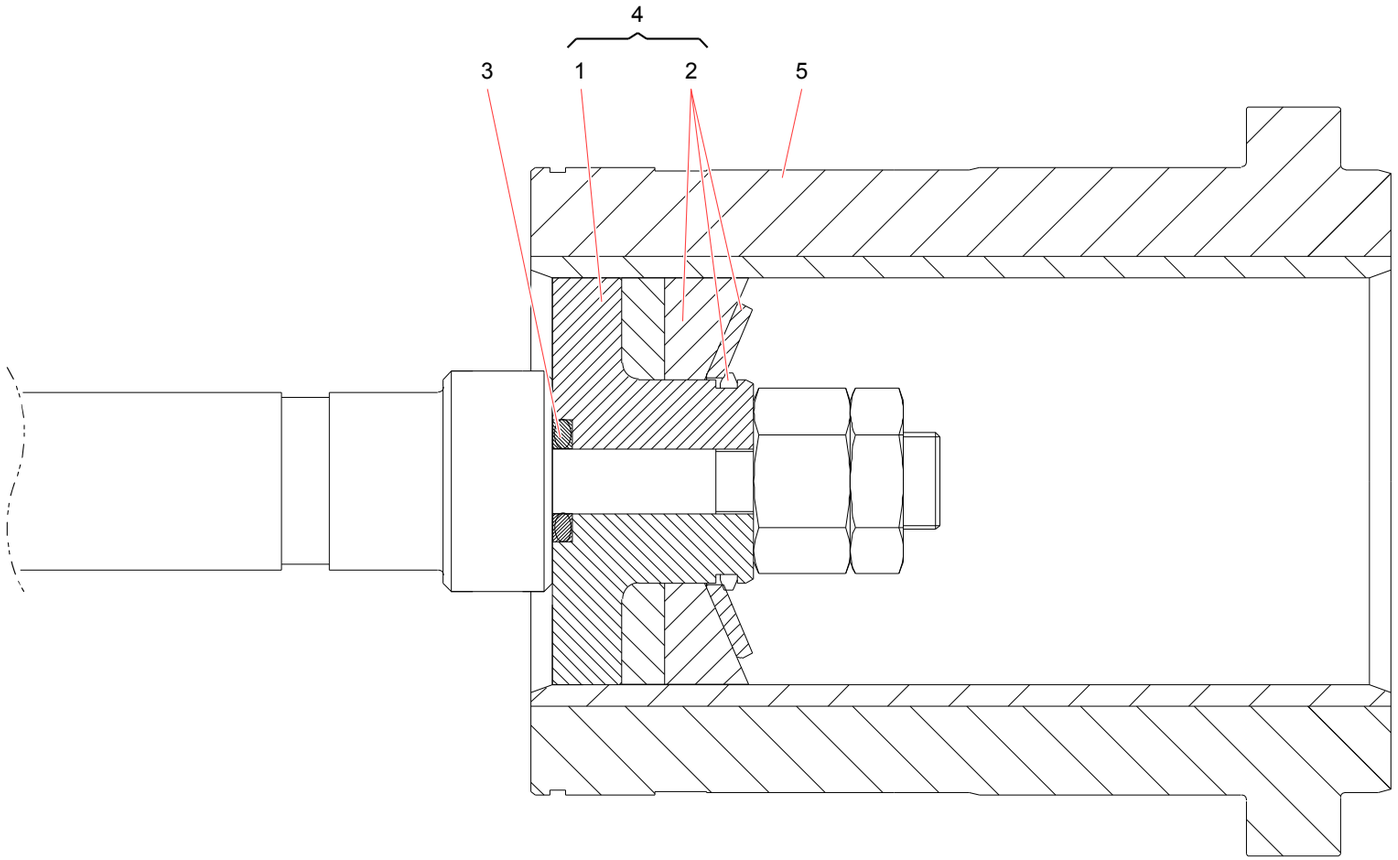
Position	Part Number	Quantity	Description	Notes
1	01916323	3	4" piston	-
2	01910975	3	Water inlet	-
3	01915710	3	4" liner	-
4	01912157	1	4" piston rubber	-
5	01915711	1	4" piston	-
6	52104187	1	O-ring	-
7	01915712	3	Plate	-


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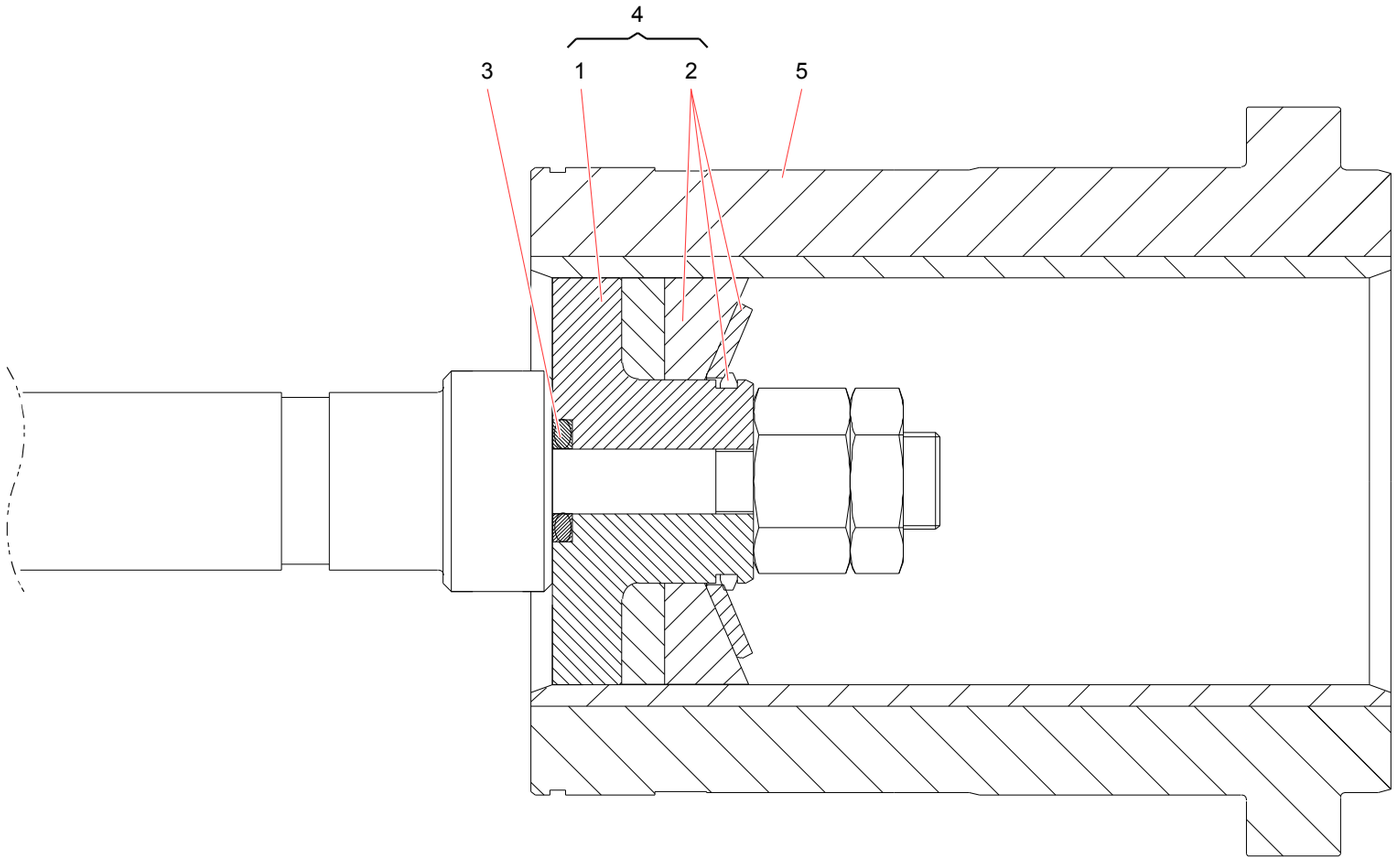
Position	Part Number	Quantity	Description	Notes
1	01910970	1	4.1/2" piston	-
2	01912158	1	4.1/2" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912152	3	4.1/2" piston	-
5	01911875	3	4.1/2" liner	-


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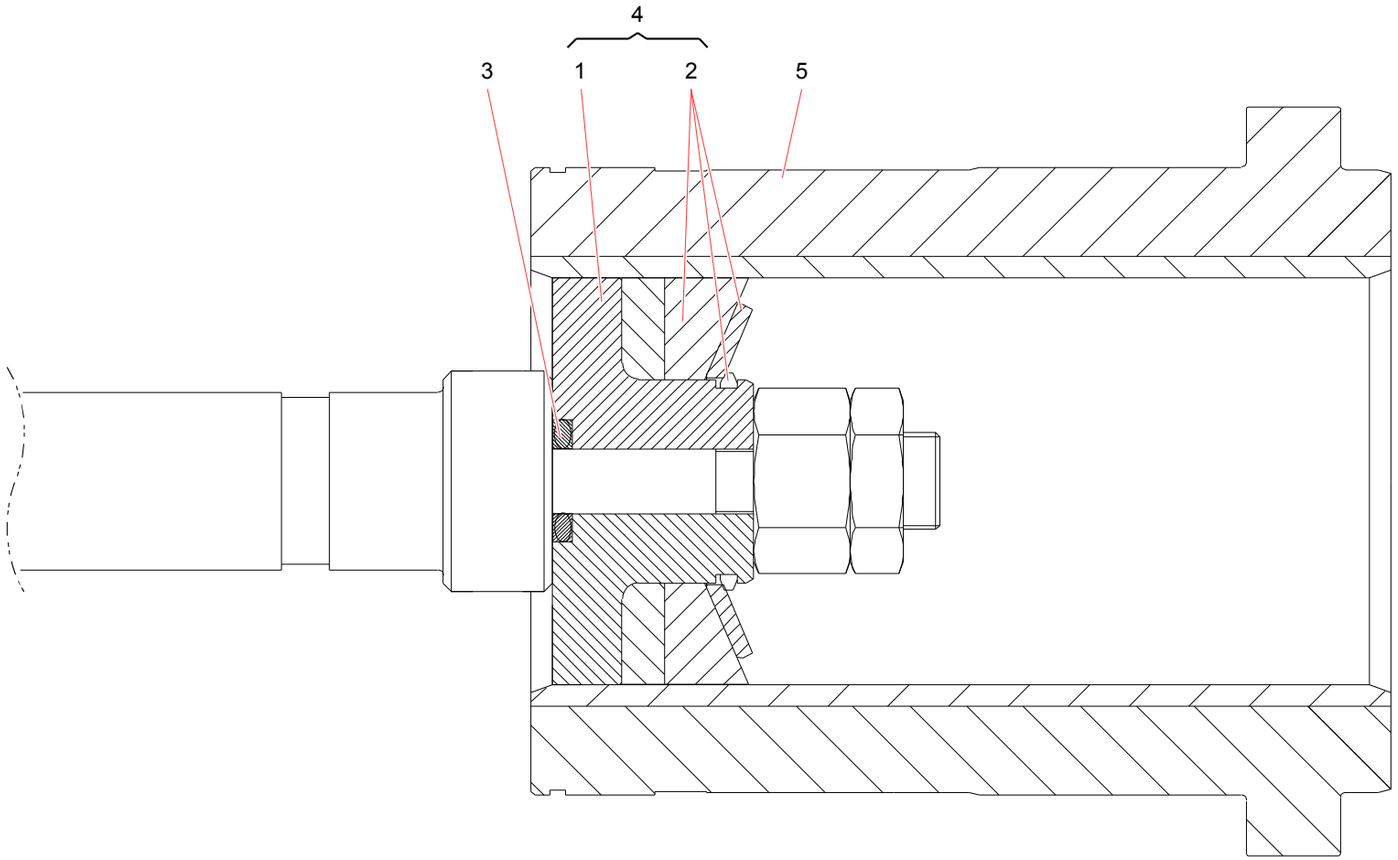
Position	Part Number	Quantity	Description	Notes
1	01910862	1	5" piston	-
2	01912159	1	5" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912153	3	5" piston	-
5	01911718	3	5" liner	-


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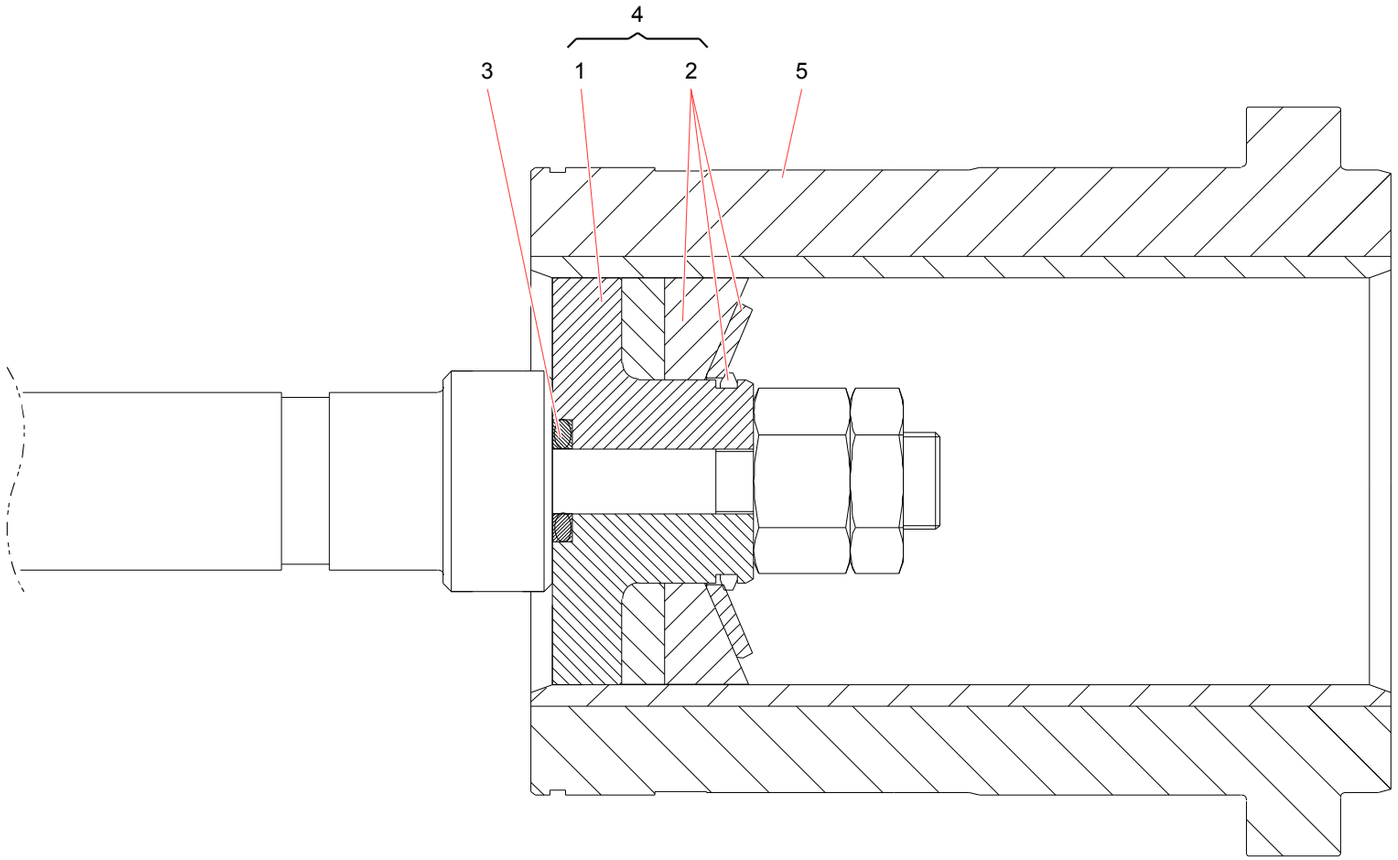
Position	Part Number	Quantity	Description	Notes
1	01910938	1	5.1/2" piston	-
2	01912160	1	5.1/2" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912154	3	5.1/2" piston	-
5	01911721	3	5.1/2" liner	-


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Position	Part Number	Quantity	Description	Notes
1	01910863	1	6" piston	-
2	01913119	1	6" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912163	3	6" piston assy	-
5	01911594	3	6" liner	-


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Position	Part Number	Quantity	Description	Notes
1	01911061	1	6.1/2" piston	-
2	01912287	1	6.1/2" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912149	3	6.1/2" piston	-
5	01911770	3	6.1/2" liner	-

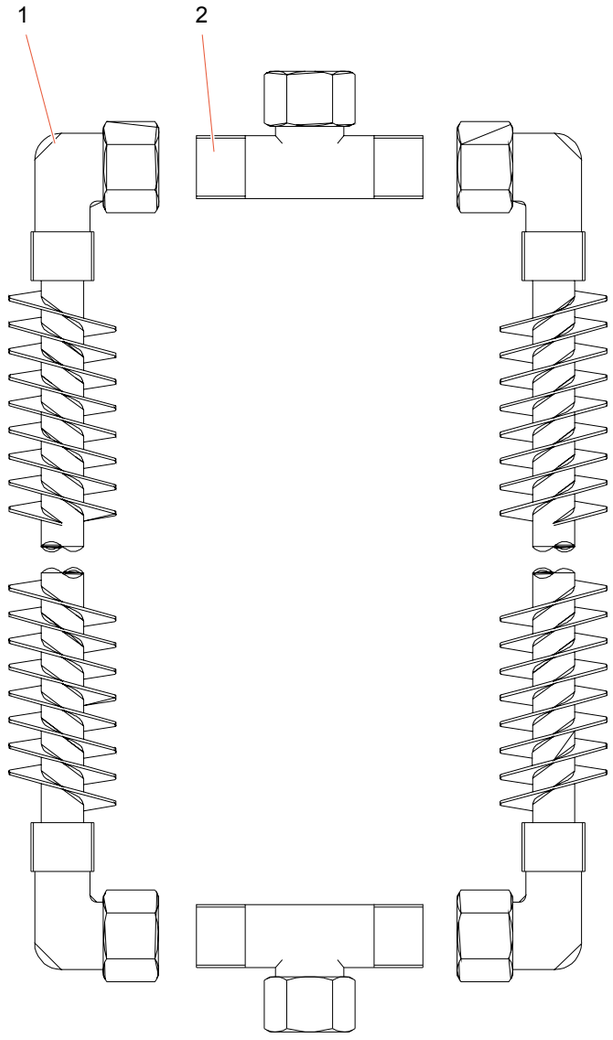

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Position	Part Number	Quantity	Description	Notes
1	01920592	1	7" piston	-
2	01912156	1	7" piston rubber kit	-
3	52104187	1	O-ring	-
4	01912155	3	7" piston assy	-
5	01911591	3	7" liner	-

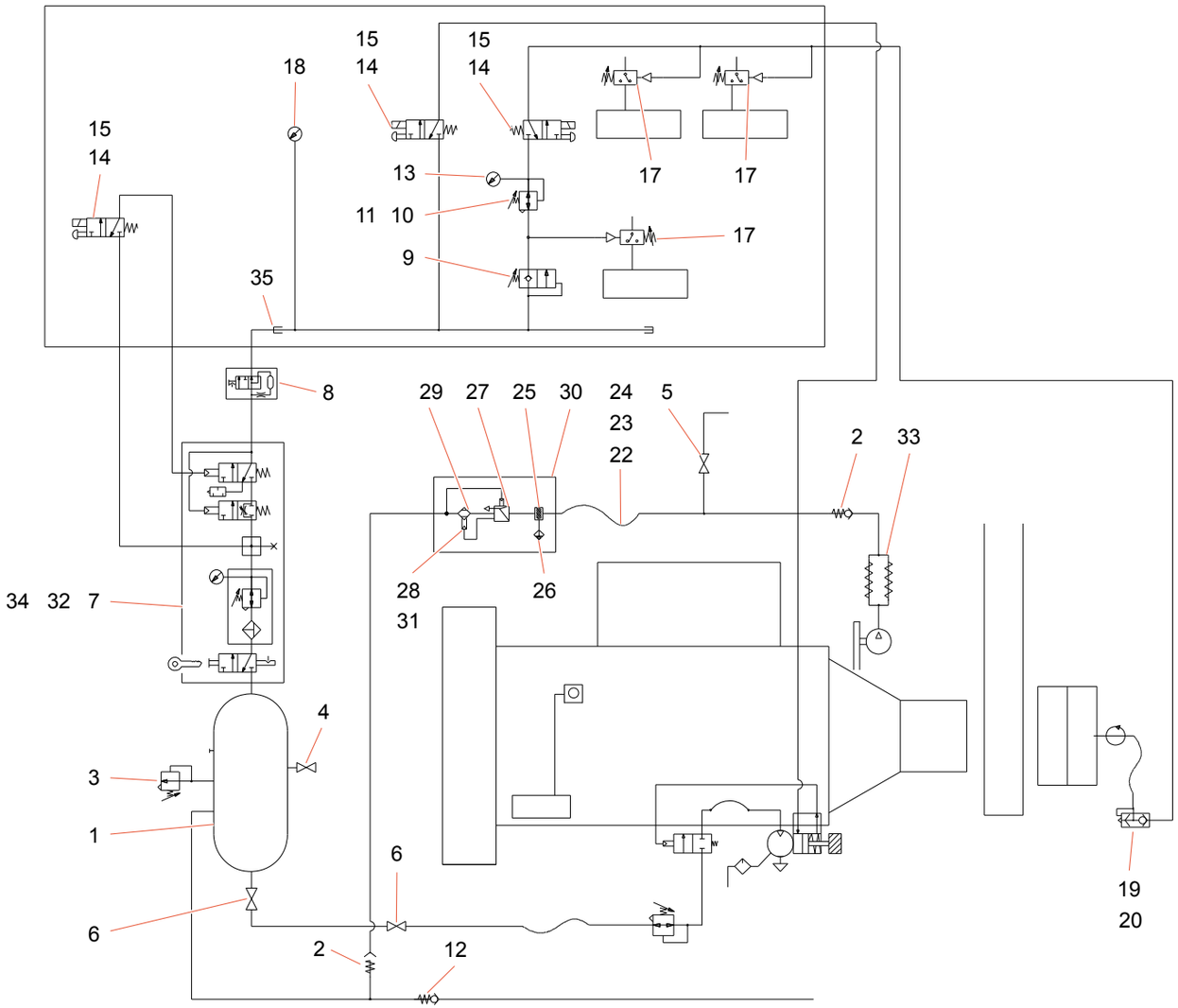
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5 Pneumatic system group

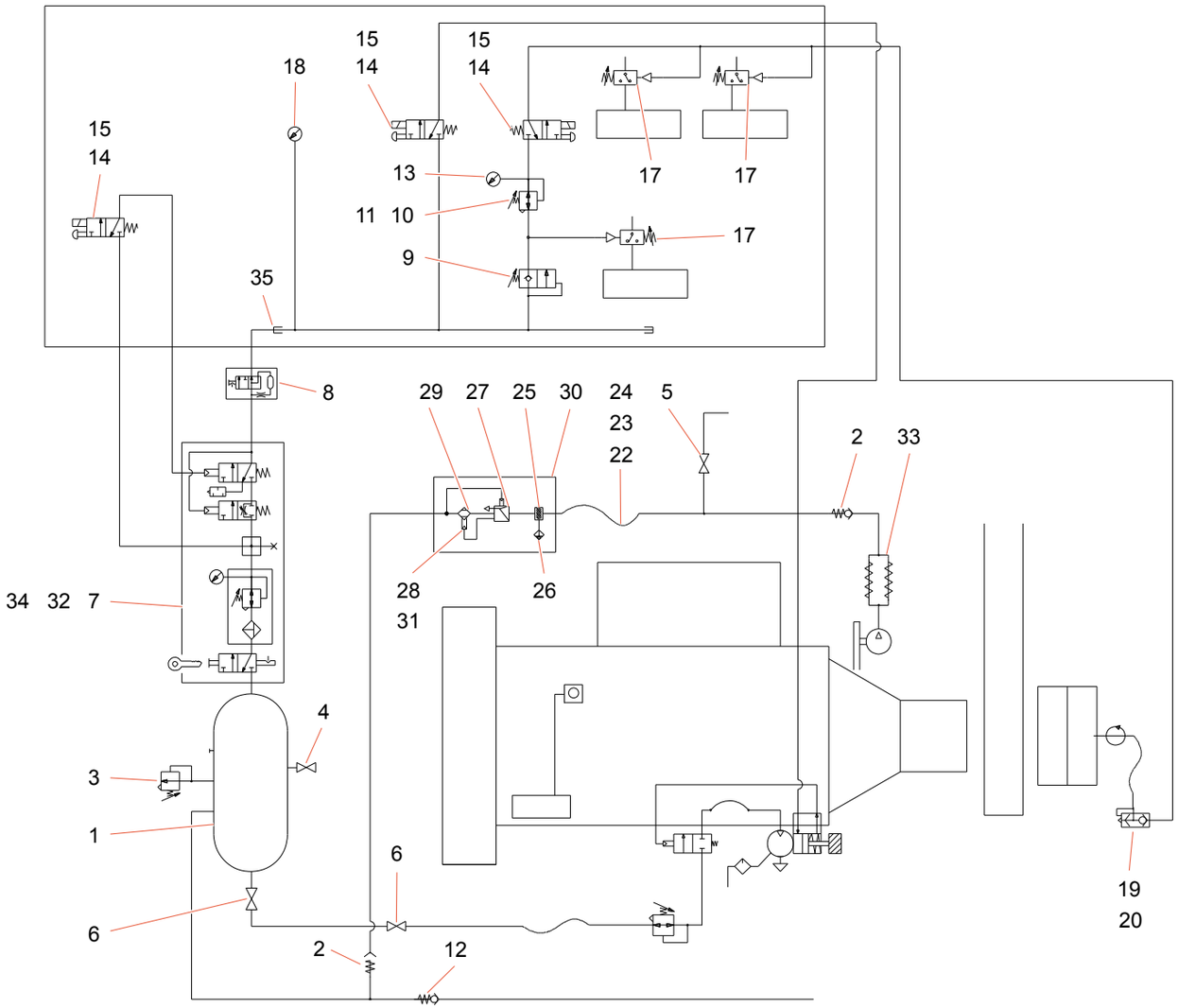
Table	Revision	Description	Notes
01904178 - 1	0 (09-2006)	Cooling tube air	-
01916274 - 1	0 (12-2008)	Pneumatic system	-


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


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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	-
6	50310022	2	Ball valve	-
7	50641570	1	Air treatment unit	-
8	50640414	1	Antifreezer	-
9	50640886	1	Valve	-
10	50641084	1	Regulator	-
11	50640884	1	Bracket	-
12	50640263	1	Valve	-
13	50550141	1	Manometer	-
14	50641167	3	Silencer	-
15	50640779	3	Solenoid valve	-
17	50641172	3	Pressure switch	-
18	50550145	1	Manometer	-
19	50640422	1	Valve	-
20	50641164	1	Silencer	-
22	40850146	4	Nut	-
23	40850147	4	Ring	-
24	40850148	2	Flexible hose	-
25	50640493	1	Separator	-
26	50640494	1	Valve	-
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	50550142	1	Manometer	-


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Position	Part Number	Quantity	Description	Notes
33	01904178	1	Air cooling assembly	★ 01904178-1
34	50640901	1	Bracket kit	-
35	50470363	1	Manifold	-