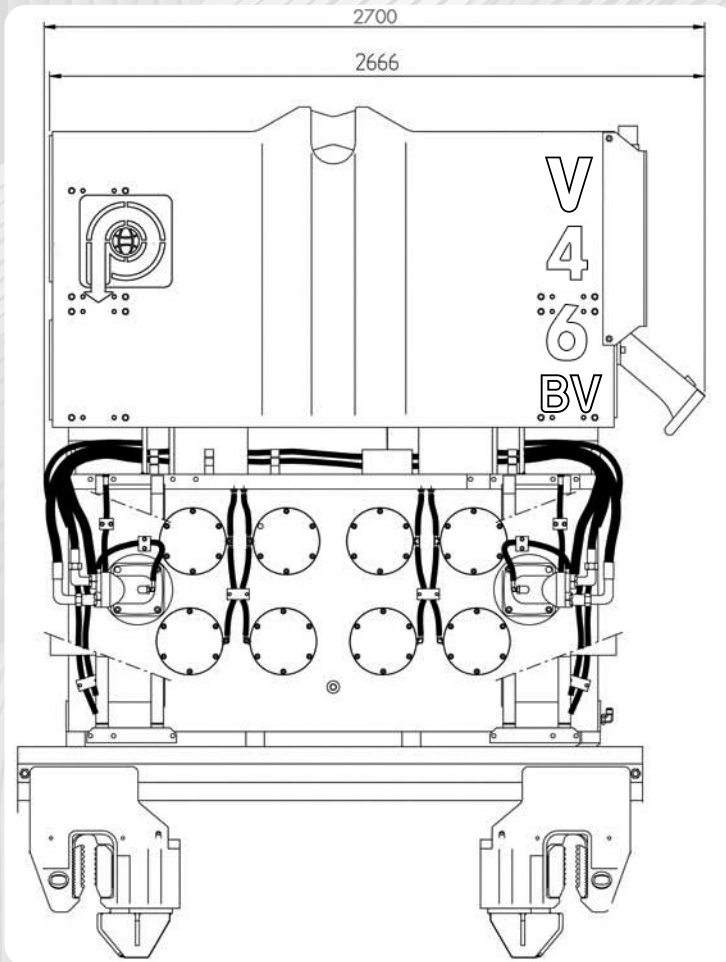




Parts manual V46-BV



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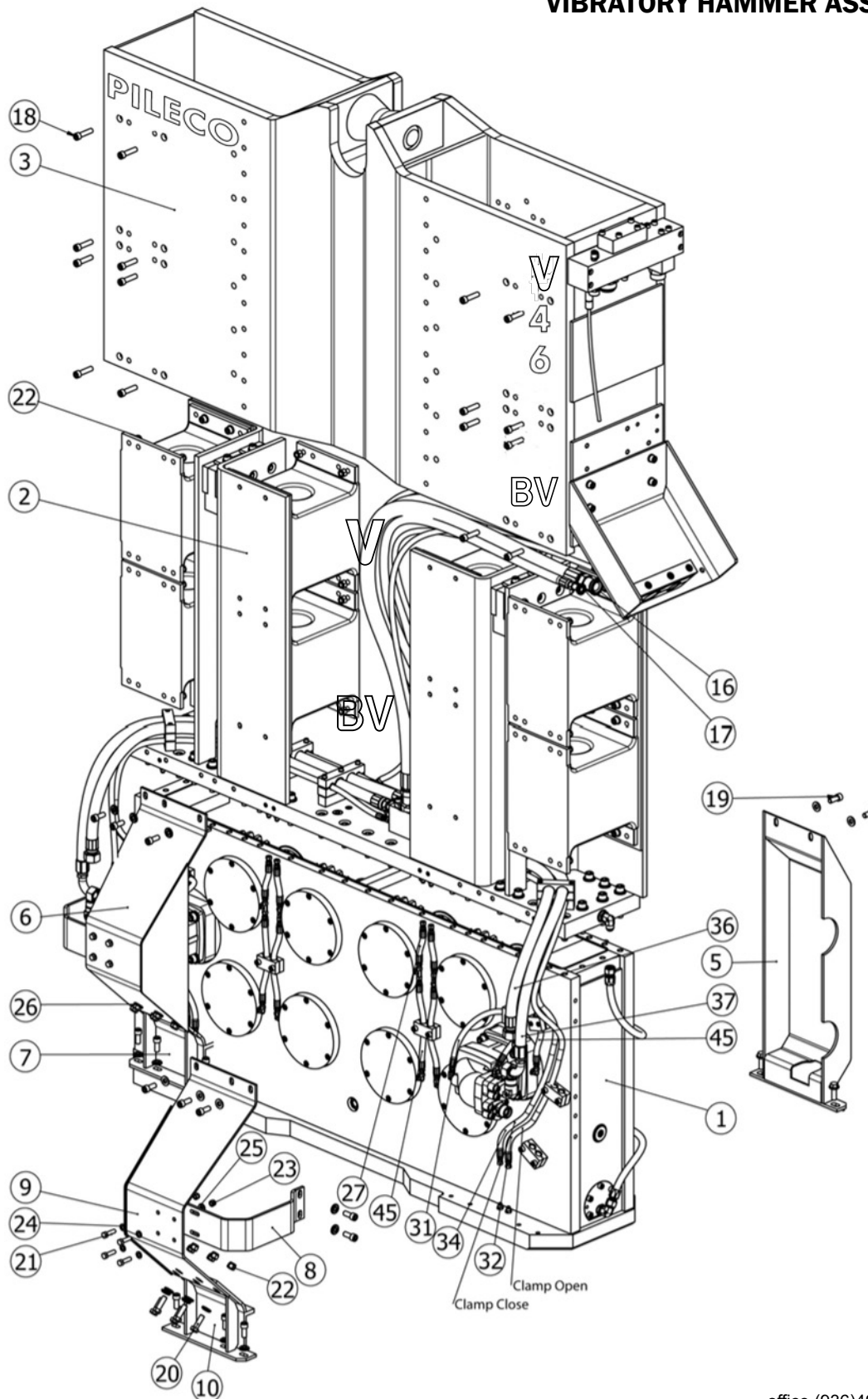
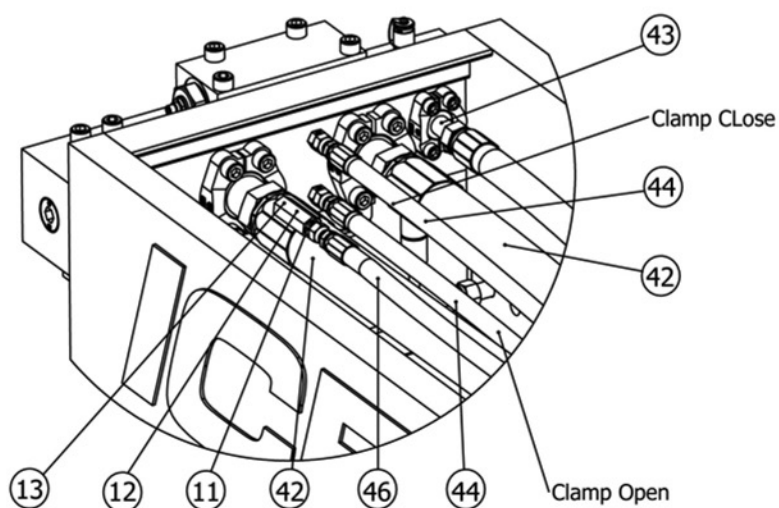
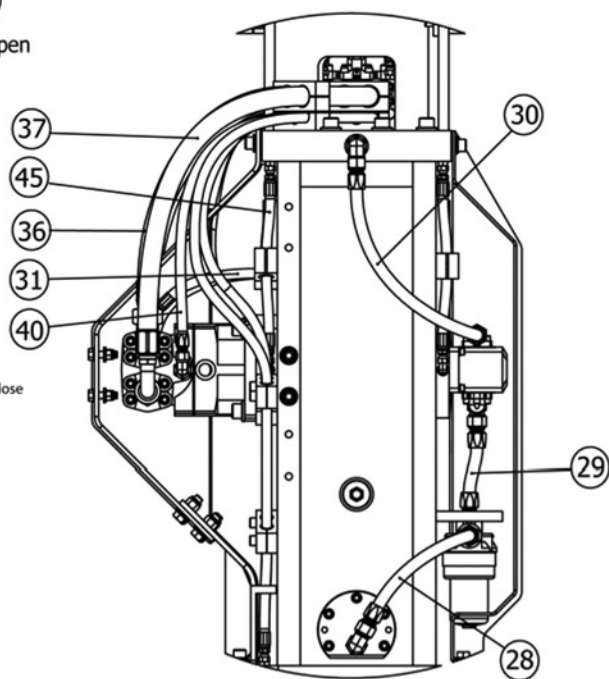
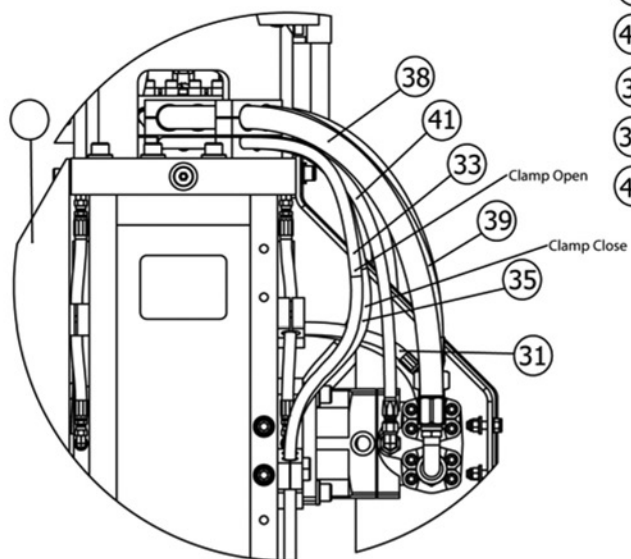
VIBRATORY HAMMER ASSEMBLY DRAWING


Diagram illustrating the backside view of the device, showing various components and their assembly. The diagram is labeled "View Backside" at the bottom. Key components and labels include:

- 43: Top central component.
- 42: Two components on the right side.
- 46: Component on the far right.
- 39: Component below 46.
- 38: Component below 39.
- 41: Component below 38.
- 33: Component at the bottom right.
- 44: Component on the left side, labeled "Clamp Open".
- 36: Component below 44.
- 37: Component below 36.
- 14: Component below 37.
- 15: Component below 14.
- 40: Component below 15.
- 32: Component below 40, labeled "Clamp Open".



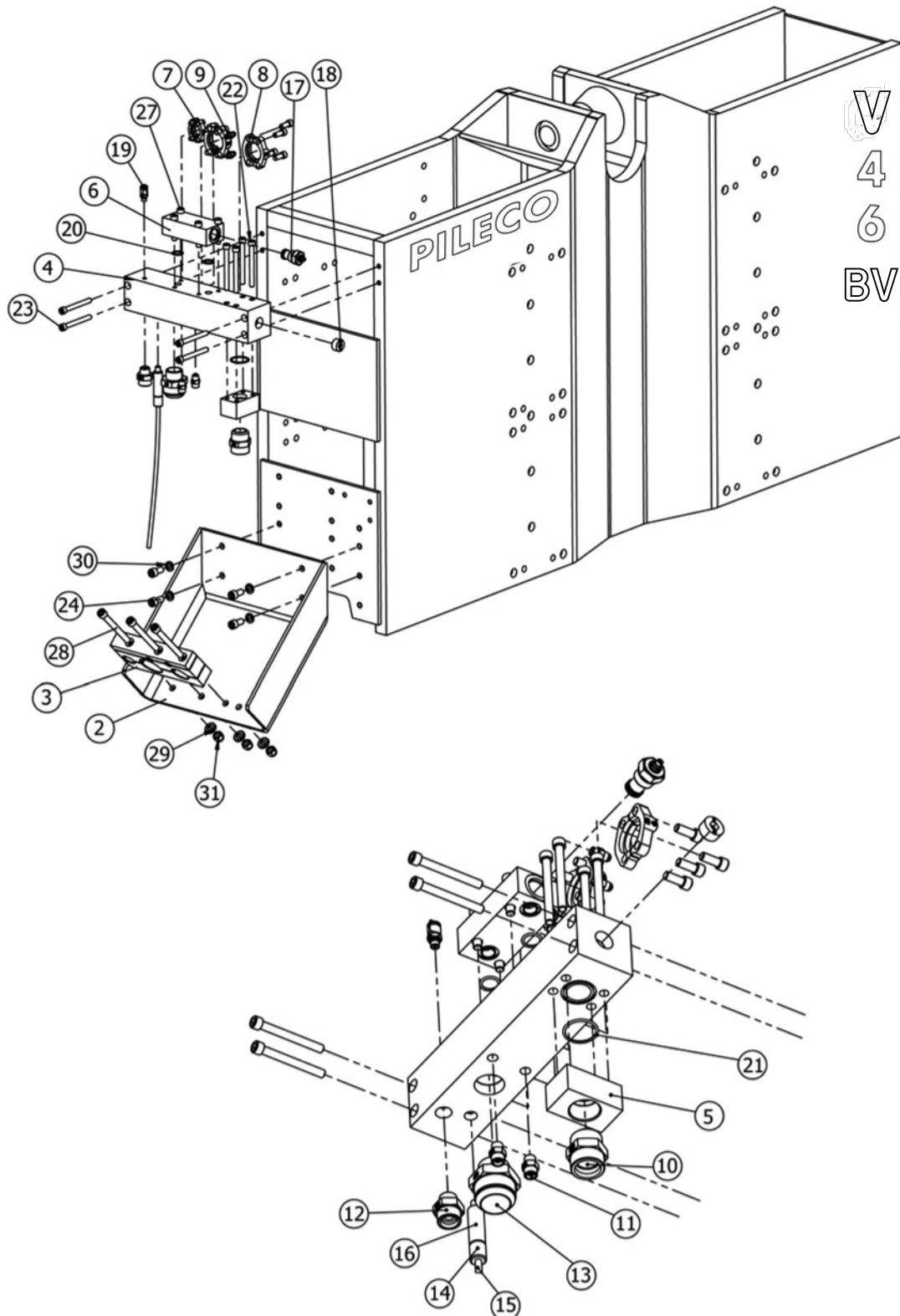
VIBRATORY HAMMER ASSEMBLY PARTS

ITEM NO.	PART NO.	DESCRIPTION	QTY.
1	815C3002	Vibration Case Assembly	1
2	815C2001	Vibration Case Adapter Assembly	1
3	815C1001	Suppressor Housing Assembly	1
4	0805125	Pump Guard Right	1
5	0711109	Pump Guard Left	1
6	0711113	Motor Guard Upper Left	1
7	0711114	Motor Guard Bottom Left	1
8	0711108	Motor Guard	2
9	0711106	Motor Guard Upper Right	1
10	0711107	Motor Guard Bottom Right	1
11	130.399	Fitting - 6FMTX	1
12	140.509	Checkvalve	1
13	100.845	Plug 1/4" NPT	1
14	100.091	O-Ring #219	1
15	100.107	O-Ring #210	2
16	110.119	O-Ring #225	4
17	100.097	O-Ring #214	2
18	100.071	SHCS 5/8" - 11 X 2 1/2"	32
19	110.225	SHCS 5/8" - 11 X 1 1/2"	20
20	790.167	HHCS 5/8" - 13 X 1 3/4"	18
21	0805029	HHCS 1/2" - 13 X 1 3/4"	8
22	100.086	Lock Nut 5/8"	42
23	130.049	Lock Nut 1/2" - 13	8
24	790.105	Flat Washer ISO 7089 M12 - 140HV Zp	8
25	790.460	T-Ring-13-St - ZP	8
26	9907005	Washer 17 St.	38
27	9402008	HOSE038R02J006J006L00650	8
28	9308044	HOSE075R02J012J012L01570	1
29	9211005	HOSE063R01J012J012L00690	1
30	9203040	HOSE075R02J012J012L02150	1
31	9207007	HOSE038R02J006J006L02550	2
32	0801050	Hose K-462SN0606060606-2025	1
33	0801052	Hose K-462SN0606060606	1
34	0801049	Hose K-462SN0606060606-1990	1
35	0801051	Hose K-462SN0606060606-2390	1
36	0105003	HOSE100PT4Y042F016L04980	1
37	0105004	HOSE100PT4Y942F016L05720	1
38	0105006	HOSE100PT4Y942F016L07300	1
39	0105005	HOSE100PT4Y042F016L07300	1
40	100.835	Hose K-412SN68150080808-1334	1
41	9206036	HOSE050R02J008F008L06800	1
42	110.123	HOSE150PT6F024F024L08750	1
43	0610007	HOSE075R02F012F012L08680	1
44	0610006	HOSE038R02J006J006L08500	2
45	9402009	HOSE038R02J006J006L1420	12
46	0201020	HOSE038R02J006J406L08500	1



PILECO INC.

V46-BV PARTS MANUAL



SUPPRESSOR HOUSING ASSEMBLY PARTS

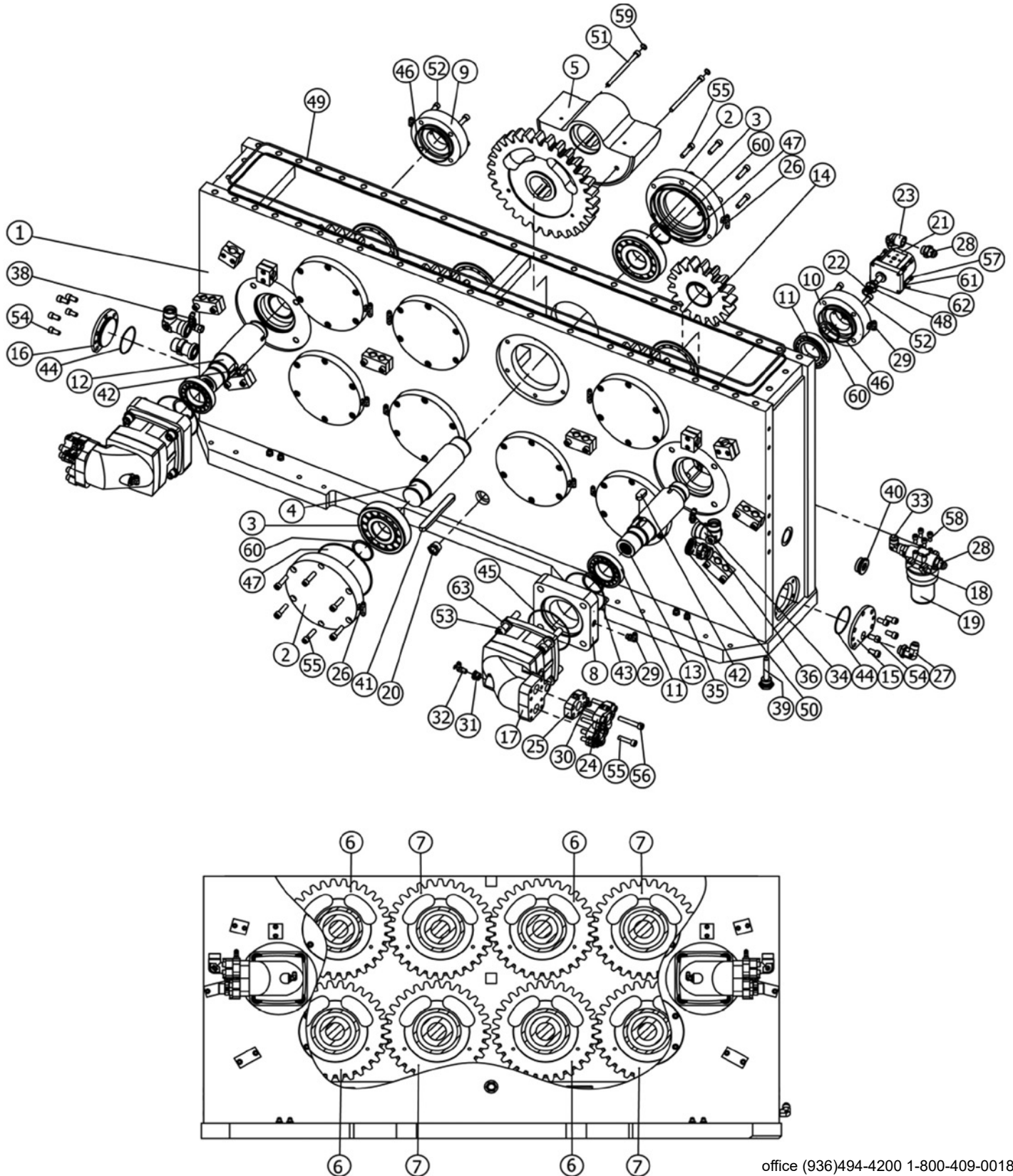
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	815C1100	Logo Assembly	1
2	0710101	Hose Guide	1
3	0710103	Hose Clamp	1
4	110.733	Terminal Manifold	1
5	0412107	Manifold Adapter Block	1
6	110.723	Check Valve Body	1
7	100.049	Splitflange FHS33CFX	2
8	100.596	Splitflange FHS36CFX	4
9	100.053	Fitting – 6F5OMXS	2
10	0710033	Fitting – 38S	1
11	0710029	Fitting – 12S	2
12	0811009	Fitting – 25S	1
13	110.269	Fitting – 32–24FFTXS	1
14	0804023	Fitting – F3PB10 – 1/2"	1
15	0804024	Nylon Tubing	1
16	0710010	Relief Valve	1
17	0812005	Relief Valve	1
18	100.063	Plug 1" NPT	1
19	790.909	Test Coupling	1
20	100.097	O-Ring #214	2
21	110.119	O-Ring #225	1
22	100.084	SHCS 1/2" – 13 X 5"	4
23	100.025	SHCS 1/2" – 13 X 4 1/2"	4
24	100.575	SHCS 5/8" – 11 X 1 1/4"	4
25	100.051	SHCS 3/8" – 16 X 1"	4
26	100.119	SHCS 1/2" – 13 X 1 1/4"	8
27	110.735	SHCS 1/2" – 13 X 2 1/2"	4
28	0710027	SHCS DIN 912 5/8" – 11 X 6 12.9	3
29	9907005	Washer 17st	3
30	100.007	Spring Washer 5/8"	4

This exploded view diagram illustrates the assembly of a mechanical unit, likely a pump or valve. The components are numbered as follows:

- 1**: Main base plate with mounting holes.
- 2**: Small fastener or pin at the bottom right.
- 3**: Small bracket or support piece.
- 4**: Top flange or cover plate.
- 5**: Small pin or screw.
- 6**: Small plate or gasket.
- 7**: Small pin or screw.
- 8**: Small pin or screw.
- 9**: Small pin or screw.
- 10**: Small pin or screw.
- 11**: Small pin or screw.
- 12**: Small pin or screw.
- 13**: Small pin or screw.
- 14**: Small pin or screw.
- 15**: Small pin or screw.
- 16**: Small pin or screw.
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- 20**: Small pin or screw.
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- 22**: Small pin or screw.
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- 24**: Small pin or screw.
- 25**: Small pin or screw.
- 26**: Small pin or screw.
- 27**: Small pin or screw.
- 28**: Small pin or screw.
- 29**: Small pin or screw.
- 30**: Small pin or screw.
- 31**: Small pin or screw.
- 32**: Small pin or screw.
- 33**: Small pin or screw.

VIBRATION CASE ADAPTER ASSEMBLY PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	92051102	Vibration Case Adapter Assembly	1
2	0711100	Double Hose Clamp	4
3	100.821	Hose Clamp	2
4	100.074	Stop Block	2
5	100.915	Stop Block Plate	4
6	100.003	Elastomer	8
7	100.103	Splitflange FHS32CFX	4
8	100.089	Splitflange FHS34CFX	8
9	100.596	Splitflange FHS36CFX	4
10	100.049	Splitflange FHS33CFX	2
11	100.053	Fitting – 6F5OMXS	18
12	790.636	Fitting – 12C4OMXS	1
13	400.203	Fitting – 6–6FMTXS	1
14	100.715	Fitting – 1 X 3_8PTRS	1
15	100.063	Plug 1" NPT	1
16	100.423	Plug 1/2" NPT	1
17	791.114	Plug 3/4" BSP	1
18	100.845	Plug 1/4" NPT	12
19	100.575	SHCS 5/8" – 11 X 1 1/4"	4
20	100.143	SHCS 3/8" – 16 X 1 1/4"	16
21	140.111	SHCS 3/4" – 10 X 4"	30
22	100.105	SHCS 5/16" – 18 X 1"	8
23	100.119	SHCS 1/2" – 13 X 1 1/4"	8
24	100.051	SHCS 3/8" – 16 X 1"	4
25	100.827	SHCS 3/8" – 16 X 3 1/2"	6
26	140.227	SHCS 3/4" – 10 X 4 1/2"	32
27	110.762	SHCS 3/8" – 16 X 3"	8
28	790.488	SHCS 5/8" – 11 X 4"	6
29	400.039	SHCS 3/4" – 10 X 2 3/4"	12
30	100.086	Locknut 5/8"	6
31	400.149	Springwasher 3/8"	6
32	790.558	T-Ring 21–St	30
33	790.107	Washer ISO 7089 M16 – 140 HV ZP	36

VIBRATION CASE ASSEMBLY DRAWING


VIBRATION CASE ASSEMBLY PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	815C3101	Vibration Case Welding Assembly	1
2	92051108	Bearing Cover	16
3	100.169	Bearing Eccentric	16
4	9705106	Eccentric Shaft 416	8
5	01331110	Eccentric 416	8
6	01327022	Eccentric Gear 416	4
7	01327021	Eccentric Gear 416	4
8	92051106	Motor Mounting Plate	2
9	92051107	Motor Bearing Cover	1
10	92051105	Pump Mounting Plate	1
11	110.191	Bearing Motor	4
12	9705111	Motor Gear Shaft	1
13	9705112	Motor Shaft Splined	1
14	9705115	Motor Gear	2
15	791.327	Inspection Cover Cooling	1
16	795.010	Inspection Cover	1
17	9202002	Hydro Motor	2
18	9209010	Filter Ags 50 – 3/4" B	1
19	9209011	Filter Element MS1 – 40	1
20	100.185	Sight Gauge	1
21	791.266	Oil Pump	1
22	9302001	Pump Shaft Splined	1
23	795.124	Elbow Flange	2
24	810.289	Split Flange Kit FHS65CFX	4
25	790.436	Eo Sae 4 Bolt Flange PAGL404G14S	2
26	790.635	Fitting – 6S50MXS	8
27	790.636	Fitting – 12C40MXS	2
28	790.804	Fitting – 12F40MXS	3
29	130.057	Fitting – 6C50MXS	12
30	110.325	Fitting – 8–12F50MXSS	2
31	9603017	Fitting – 12–1 4F50GS	2
32	100.717	Fitting – 6CMTXS	2
33	100.769	Fitting – 12C6MXS	1
34	100.203	Fitting – 6V50MXS	2
35	400.203	Fitting – 6–6FMTXS	4
36	9910002	Fitting – WFS65_30SCFX	2
37	0105007	Fitting – GFS65_30SCF	2
38	100.702	Fitting – 8C6MXS	2
39	0810026	Magnetic Plug	1
40	9607007	Plug 1 1/2" BSP	1
41	9705001	Parallel Key	8
42	9703001	Parallel Key	2
43	9205041	O-Ring #162	2
44	795.022	O-Ring #153	2
45	110.195	O-Ring #163	2
46	110.197	O-Ring #159	2
47	100.167	O-Ring #266	16
48	795.021	O-Ring #028	1

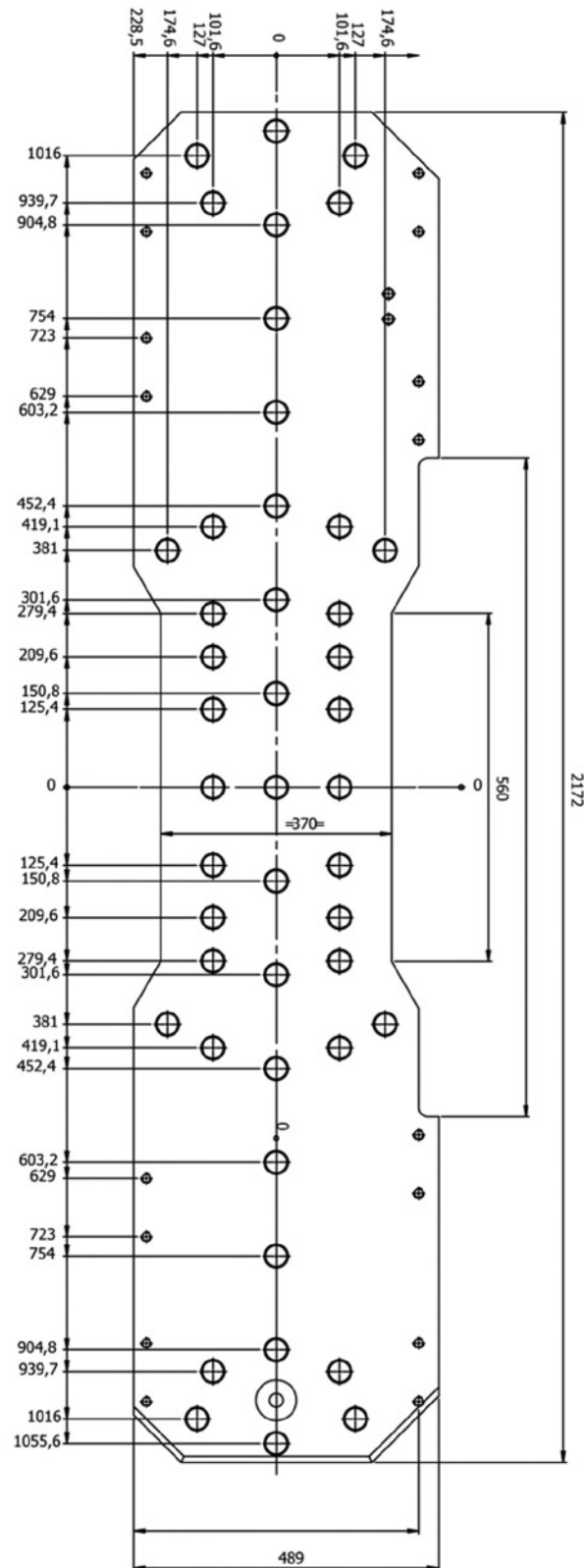
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VIBRATION CASE ASSEMBLY PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
49	9202047	O-Ring L=4428	1
50	100.037	O-Ring #222	4
51	0809013	SHCS ISO 4762 M20 X 180 – 12.9	16
52	100.163	SHCS 1/2" – 13 X 1 3/4"	8
43	140.111	SHCS 3/4" – 10 X 4"	8
54	100.445	SHCS 1/2" – 13 X 1"	10
55	100.011	SHCS 1/2" – 13 X 2"	104
56	130.235	SHCS ISO 4762 1/2" – 13 X 3	8
57	790.061	SHCS ISO 4762 M8 X 30 – 12.9	4
58	9209013	SHCS M10 X 22 DIN 912	4
59	790.918	Retaining Ring	16
60	790.154	Retaining Ring	20
61	790.087	Springwasher DIN 127B M8 – ZP	4
62	790.103	Flatwasher M8 ZP	4
63	790.558	T-Ring 21–St	8

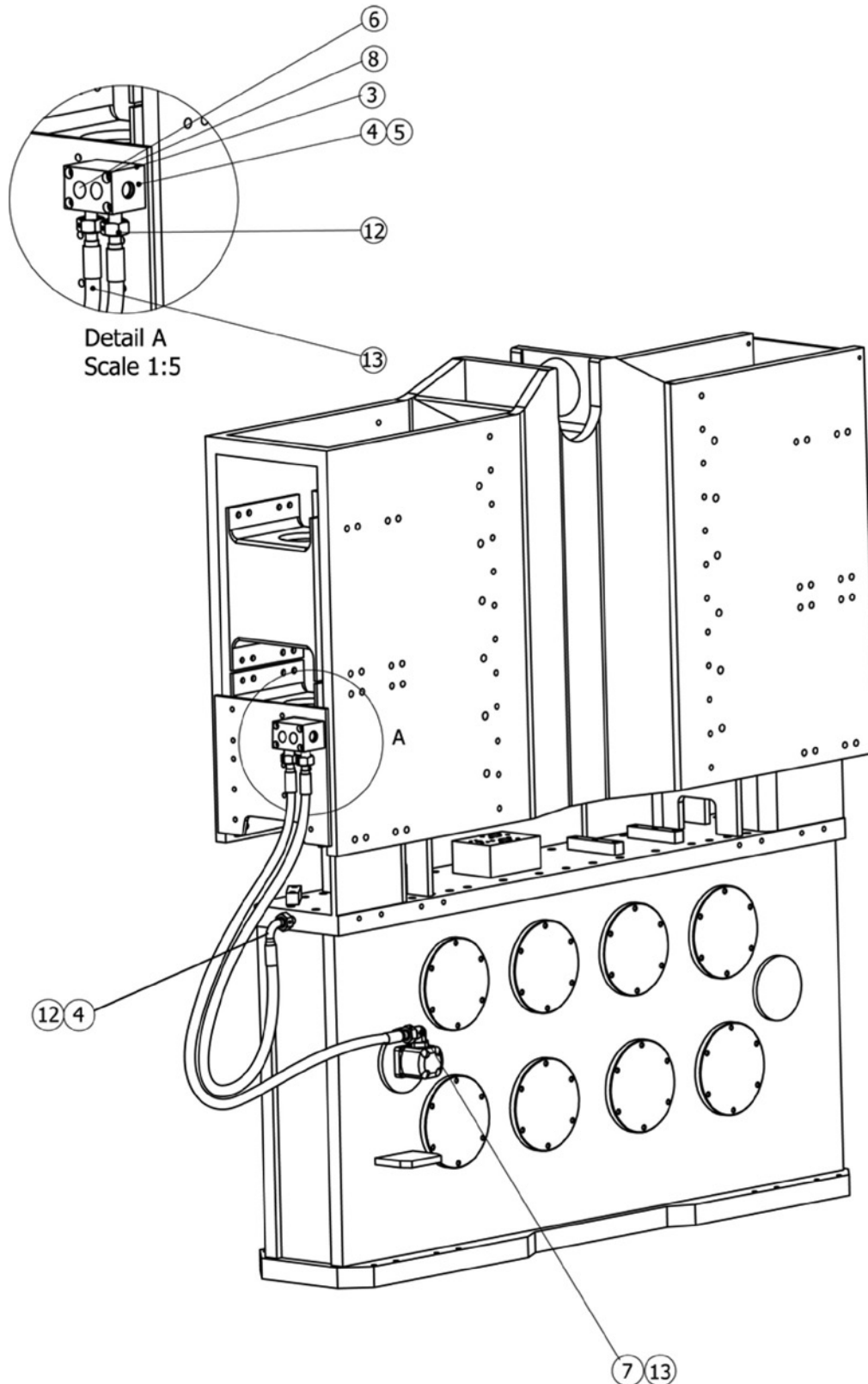


BOTTOM VIEW OF VIBRATION CASE



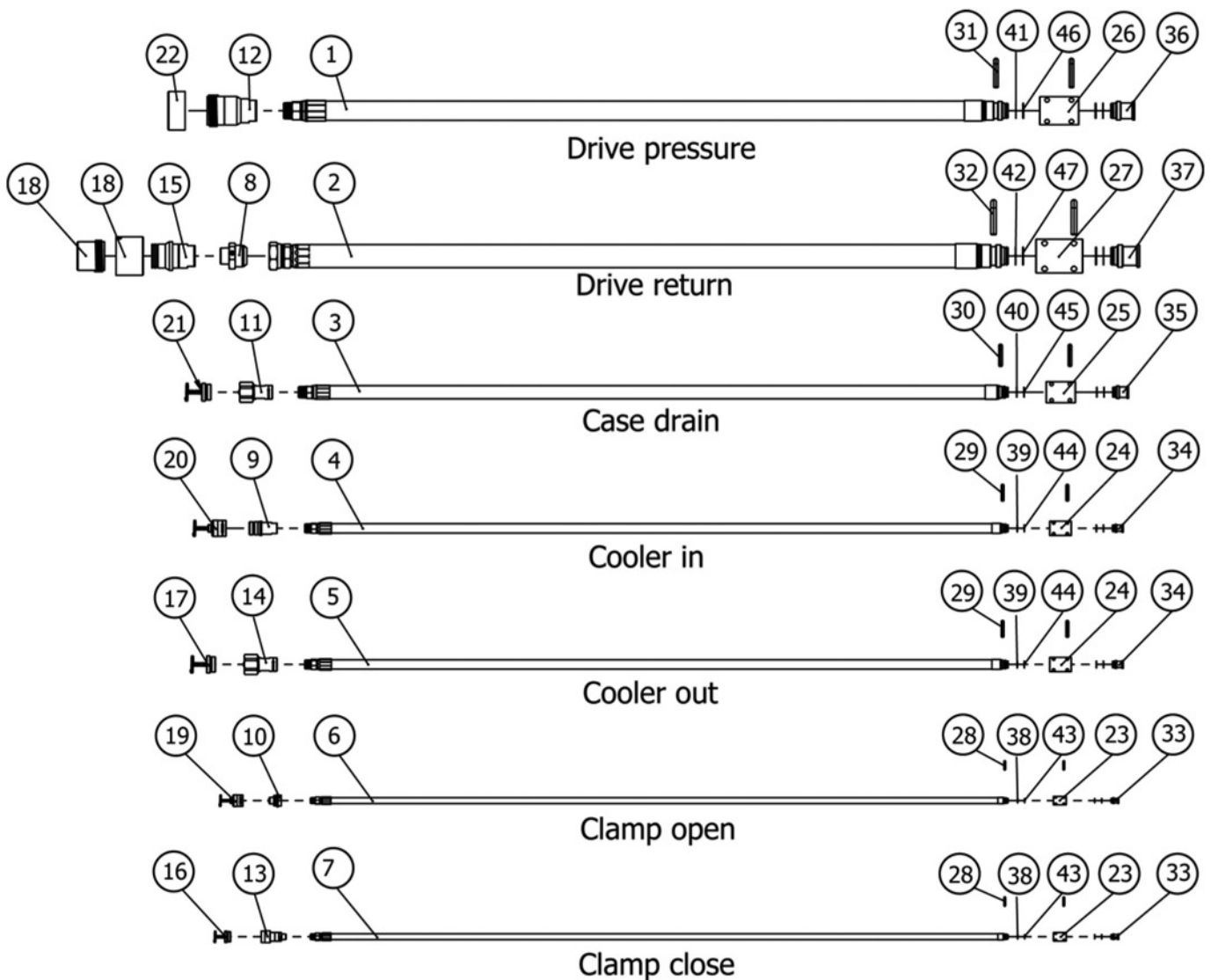


COOLER ASSEMBLY DRAWING



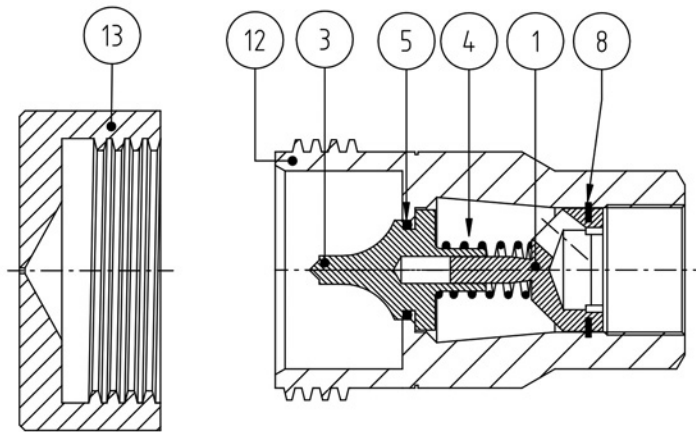
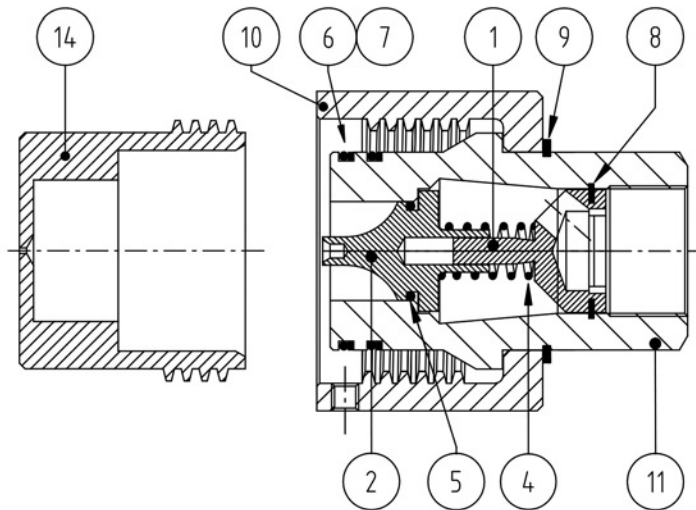
COOLER ASSEMBLY PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	0710106	Relief Valve Manifold	1
2	0710102	Hose clamp	1
3	9202044	Safety valve	1
4	2240719125	Fitting 25S	3
5	2244300025	Fitting EL25S	2
6	791.114	Plug 3/4" BSP	2
7	0710022	Elbow flange	1
8	100.079	SHCS 1/2" -13 x 4"	3
9	791.276	SHCS 5/8 -11 x 5 1/2 DM	2
10	790.107	Flat washer ISO 7089 M16 - 140HV ZP	2
11	100.086	Lock nut 5/8"	2
12	0710015	Hose K-301SNC91C252512-1650	1
13	0710019	Hose K-301SNC9C9252512-1650	1

HOSES 40M COOLER DRAWING


HOSES 40M COOLER PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	0712049	Hose K-R4201A0242424-40000R	2
2	0712048	Hose K-H2906A0323232-40000B	1
3	0712050	Hose K-H2901A0161616-40000Y	1
4	0712051	Hose K-462S001121212-40000R	1
5	0712060	Hose K-462S001121212-40000B	1
6	0712059	Hose K-46201S0060606-40000B	1
7	0712047	Hose K-46201S0060606-40000R	1
8	110.269	Fitting 32-24FFTXS	1
9	400.251	Male disconnect 3/4"	1
10	100.245	Male disconnect 3/8"	1
11	120.023	Male disconnect 1"	1
12	110.690	Male disconnect 1 1/2"	1
13	0801008	Female disconnect 3/8"	1
14	400.095	Female disconnect 3/4"	1
15	110.692	Female disconnect 1 1/2"	1
16	100.737	Dust plug 3/8"	1
17	400.121	Dust plug 3/4"	1
18	110.957	Dust plug 1 1/2"	1
19	100.257	Dust cap 3/8"	1
20	400.253	Dust cap 3/4"	1
21	120.029	Dust cap 1"	1
22	110.955	Dust cap 1 1/2"	1
23	0712034	SteckO straight female 3/8"	2
24	0712041	SteckO straight female 3/4"	2
25	0712035	SteckO straight female 1"	1
26	0712036	SteckO straight female 1 1/2"	1
27	0801006	SteckO straight female 2"	1
28	0712025	Staple 3/8"	4
29	0712042	Staple 3/4"	4
30	0712028	Staple 1"	2
31	0712031	Staple 1 1/2"	2
32	0801003	Staple 2"	2
33	0804329	Plug 3/8"	2
34	0804330	Plug 3/4"	2
35	0804331	Plug 1"	1
36	0804332	Plug 1 1/2"	1
37	0804333	Plug 2"	1
38	0712027	Back up washer 3/8"	4
39	0712044	Back up washer 3/4"	4
40	0712030	Back up washer 1"	2
41	0712033	Back up washer 1 1/2"	2
42	0801005	Back up washer 2"	2
43	0712026	O-ring 3/8"	4
44	0712043	O-ring 3/4"	4
45	0712029	O-ring 1"	2
46	0712032	O-ring 1 1/2"	2
47	0801004	O-ring 2"	2

QUIK DISCONNECT 1½" DRAWING
MALE (110.690)

FEMALE (110.692)


QUIK DISCONNECT 1½" PARTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	850.067/1	Insert 1	2
2	850.067/2	Insert 2	1
3	850.067/3	Insert 3	1
4	790.140	Valve Guide Spring 16 X 50	2
5	790.139	O-Ring #216	2
6	110.829	O-Ring #230	2
7	110.980	Back-Up Ring #230	2
8	790.155	Retaining Ring (45 X 1.75)	2
9	790.154	Retaining Ring (70 X 2.5)	1
10	110.692/2	Coupler Nut	1
11	110.692/1	Female Coupler Housing	1
12	110.690	Male Coupler Housing	1
13	110.955	Dust Cap	1
14	110.957	Dust Plug	1

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