



Hutchison Hayes Separation Inc.

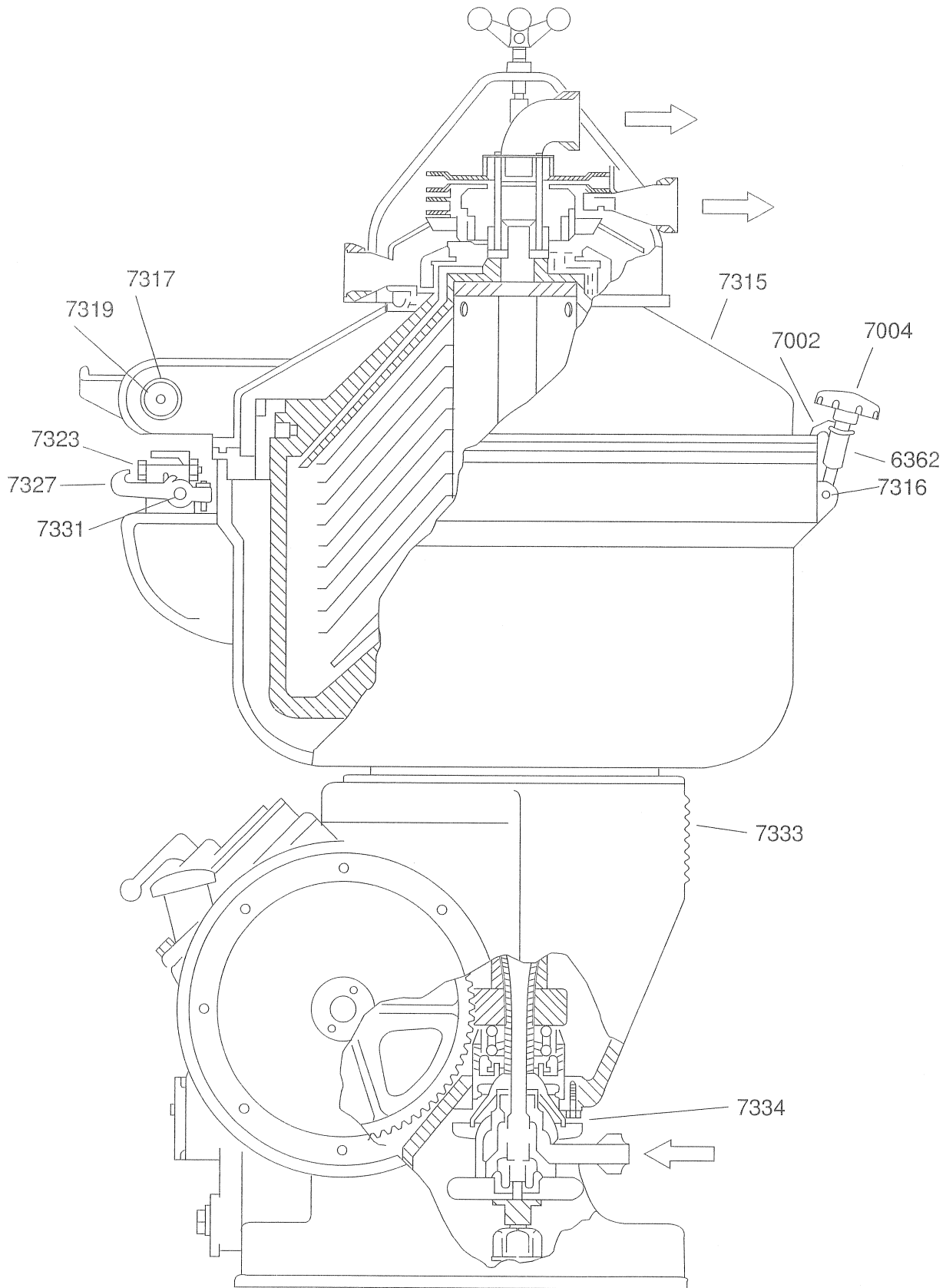


SRG - 214 Spare parts manual

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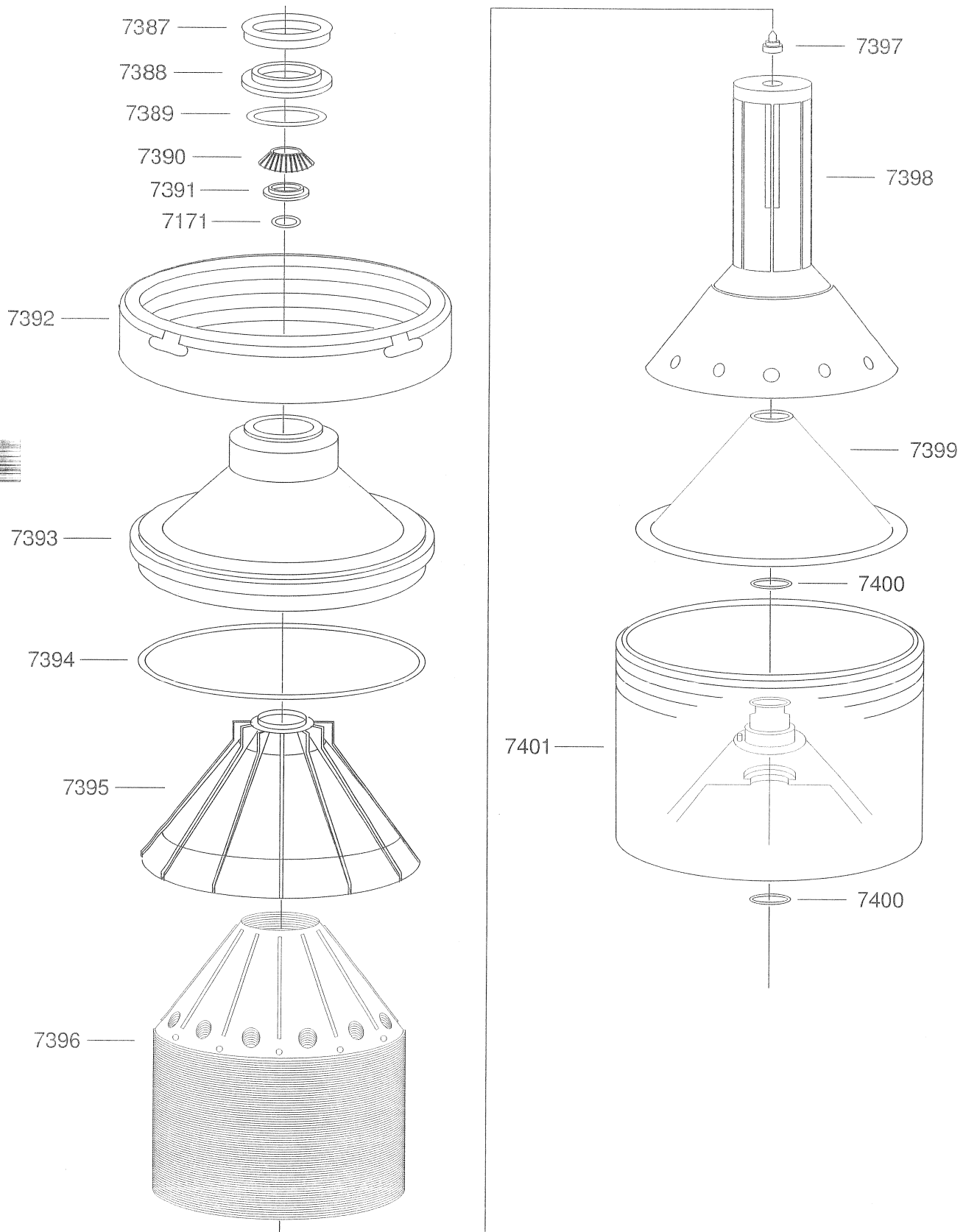
SEPARATOR FRAME



SEPARATOR FRAME

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6362	39188	Clamping Shoe	4
7002	37311	Rubber Ring	1
7004	39173	Hand Wheel	4
7007	39420	Slotted Pin for Hinge Pin	4
7030	39084	Screw	4
7085	39124	Hinge Pin for Hinged Bolt	4
7145	31738	Screw	6
7159	39108	Nut for Set Screw	1
7315	73195	Frame Hood	1
7316	65471	Hinged Bolt	4
7317	70770	Hinge Sleeve for Frame Hood	1
7319	70771	Screw	1
7320	65237	Cap for Screw	2
7321	70772	Nut	2
7322	70773	Set Screw for Hinge Sleeve	1
7323	67778	Buffer Screw	2
7324	37431	Sleeve for Spring	2
7325	37432	Spring	2
7326	67801	Nut for Buffer Screw	2
7327	37435	Pawl	1
7328	67791	Set Screw for Pawl	1
7329	67779	Adjusting Screw for Pawl	1
7330	67792	Nut for Adjusting Screw	1
7331	38496	Lever for Pawl	1
7332	64495	Handle Ball for Lever	1
7333	8200682-01	Grating for Ventilation Hole	1
7334	71307	Bottom Bearing Housing	1
7335	38411	Rubber Ring	1

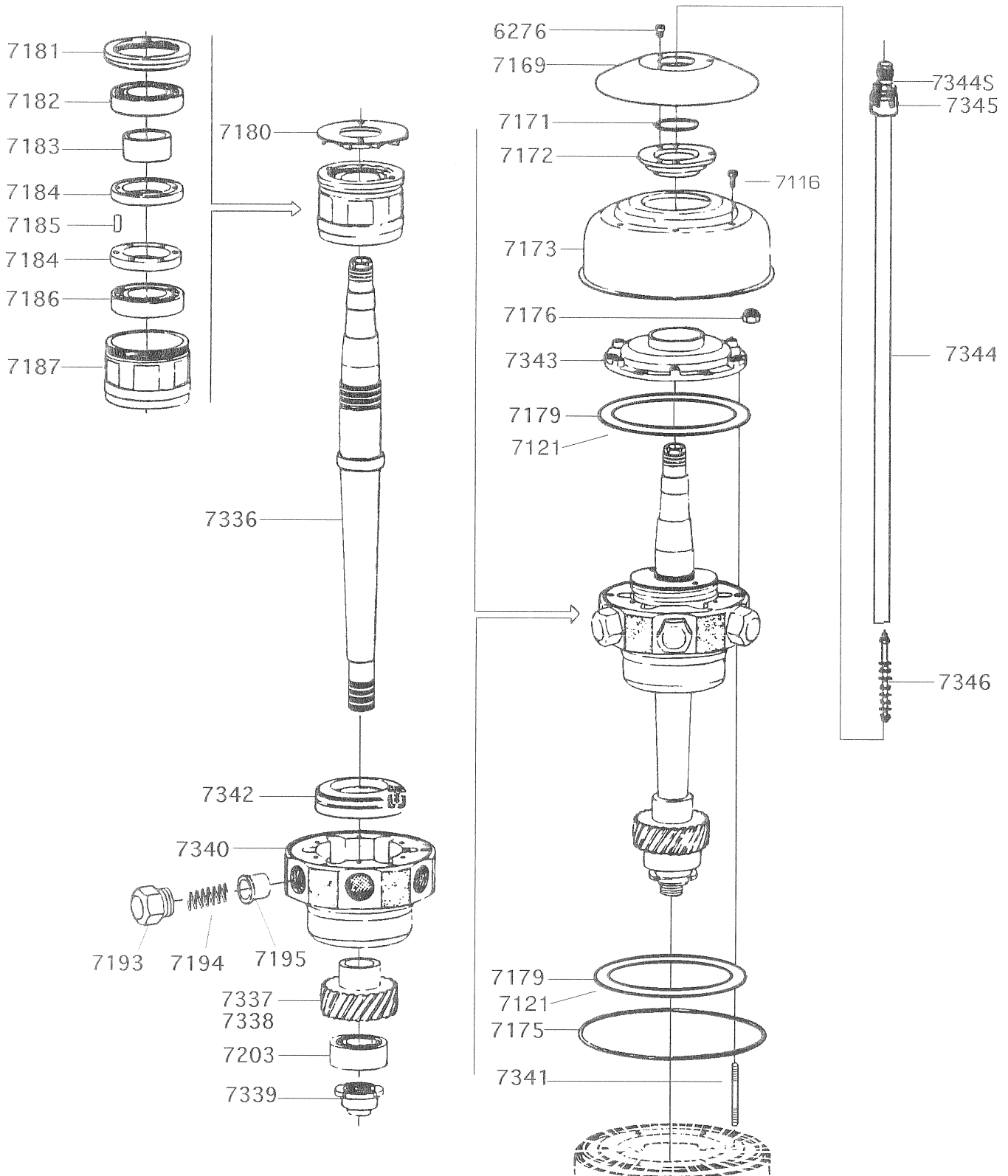
SEPARATOR BOWL



SEPARATOR BOWL

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7171	39270	Rubber Ring for Small Wear Ring	1
7387	73181	Nut for Large Wear Ring	1
7388	8700626-01	Large Wear Ring	1
7389	73947	Rubber Ring for Large Wear Ring	1
7390	73949	Nut for Small Wear Ring	1
7391	518163-82	Small Wear Ring	1
7392		Lock Ring	1
7393		Bowl Hood	1
7394	70146	Rubber Ring for Bowl Hood	1
7395		Top Disc	1
7396	515131-86	Bowl Disc	1
7397	73182	Cap Nut	1
7398		Distributor	1
7399		Distributing Disc	1
7400	67393	Rubber Ring	1
7401		Bowl Body	1
7470	38765, 73173	Small Wear Ring	1

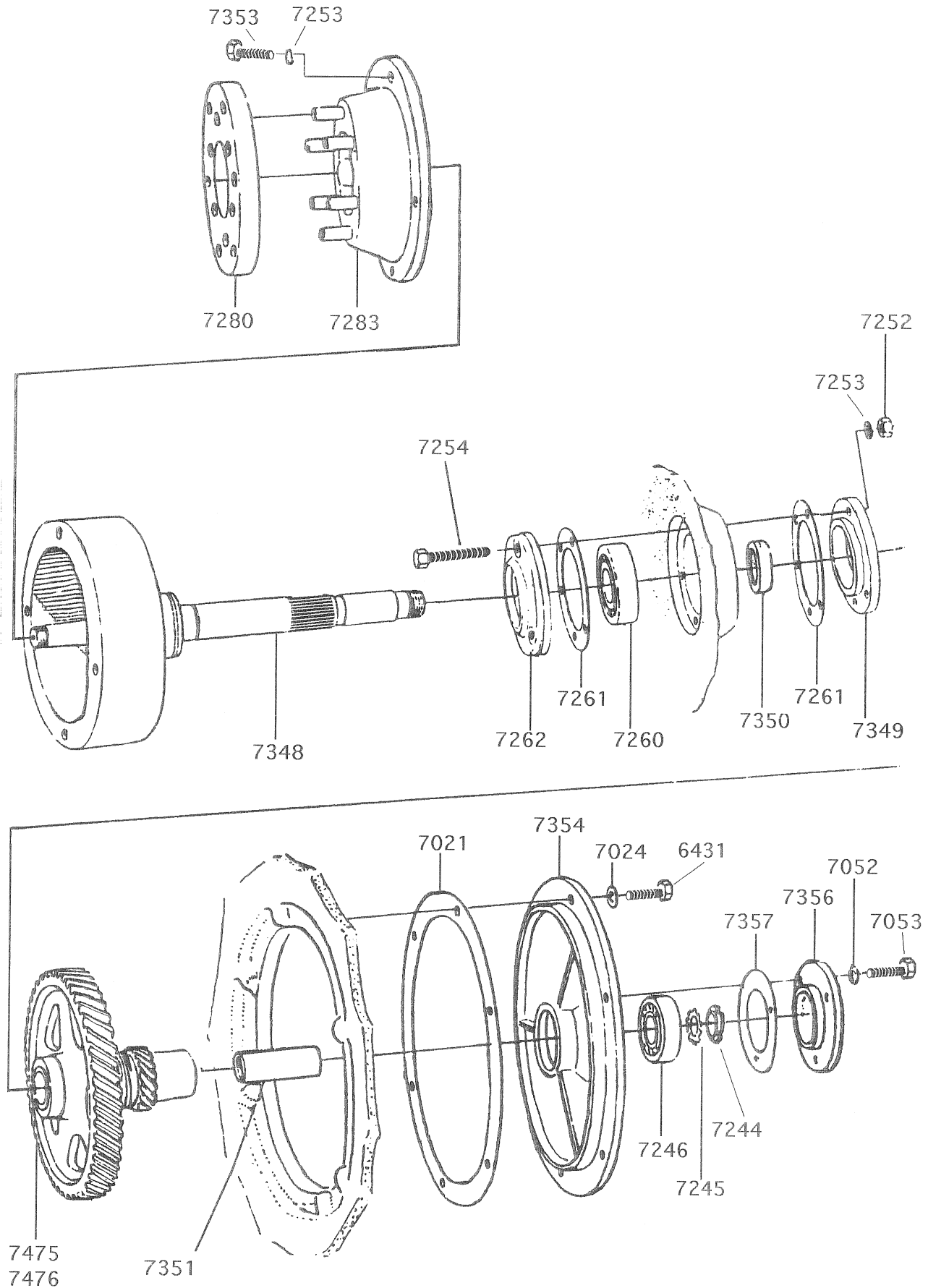
VERTICAL DRIVING DEVICE



VERTICAL DRIVING DEVICE

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6276	65203	Screw	3
7116	39085	Screw	6
7121		Packing, Rubber	2
7169	8200387-01	Top Shield	1
7171	39270	Rubber Ring	1
7172	39288	Throw-Off Collar Upper	1
7173	8700220-80	Protecting Cap	1
7175	38567	Rubber Ring	1
7176	39109	Nut	6
7179	36502	Packing, Paper	2
7180	39406	Oil Deflector	1
7181	39292	Lock Ring	1
7182	38507	Rigid Ball Bearing	1
7183	38425	Spacing Sleeve	1
7184	39046	Spring Support	1
7185	38509	Spring	6
7186	37326	Angular Contact Ball Bearing	1
7187	39293	Ball Bearing Housing	1
7188	36448	Splint Pin	2
7189	39224	Wear Ring	1
7190	36446	Spring	12
7191	39229	Spring Support	1
7193	36454	Screw Plug	6
7194	36453	Spring	6
7195	36452	Buffer	6
7203	37423	Self-Aligning Ball Bearing	1
7336	73122	Bowl Spindle	1
7337	70705	Worm, 50 C/S A.C.	1
7338	70791	Worm, 60 C/S A.C.	1
7339	73124	Throw-Off Collar Lower	1
7340	70707	Spring Casing	1
7341	39181	Stud Bolt	6
7342	39230	Axial Buffer	1
7343	70718	Cover for Spring Casing	1
7344	74407	Distributing Plug	1
7344S		Distributing Plug w/o Tube	1
7345	74406	Lock Sleeve	1
7346	527565-80	Liquid Mixer	1

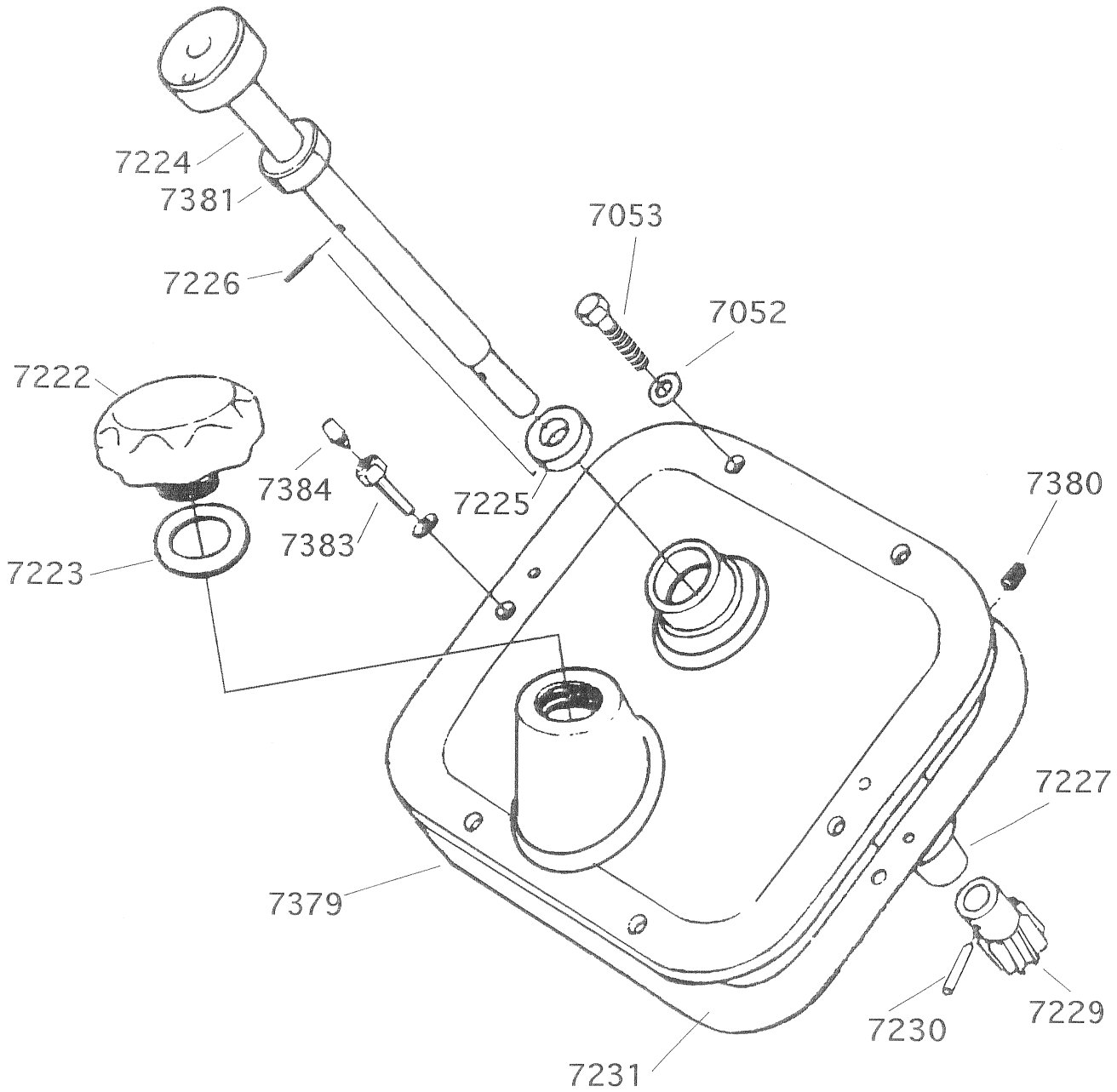
HORIZONTAL DRIVING DEVICE



HORIZONTAL DRIVING DEVICE

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6431	8200524-02	Screw	6
7021	37216	Packing	1
7024	38514	Washer	6
7052	8700519-01	Washer	3
7053	39088	Screw	3
7244	39423	Round Nut	1
7245	14602	Lock Washer	1
7246	37524	Loose Ball Bearing	1
7252	39107	Nut	3
7253	6478	Spring Washer	3 - 4
7254	39091	Screw	3
7260	37424	Fixed Ball Bearing	1
7261	39446	Packing	2
7262	37283	Protecting Cover for Fixed Ball Bearing	1
7280	37215	Elastic Plate for Friction Coupling	1
7283	75043	Coupling Pulley	1
7348	75031	Worm Wheel Shaft w/Conveyor Pulley	1
7349	73546	Protecting Cover for Fixed Bearing	1
7350	73547	Lip Seal Ring	1
7351	8200705-01	Spacing Sleeve	1
7353	24884	Screw	4
7354	70696	End Shield	1
7356	70697	Ball Bearing Cover	1
7357	11609	Packing	1
7475	519570-2	Worm Wheel 50 C/S A.C.	1
7476	519570-1	Worm Wheel 60 C/S A.C.	1

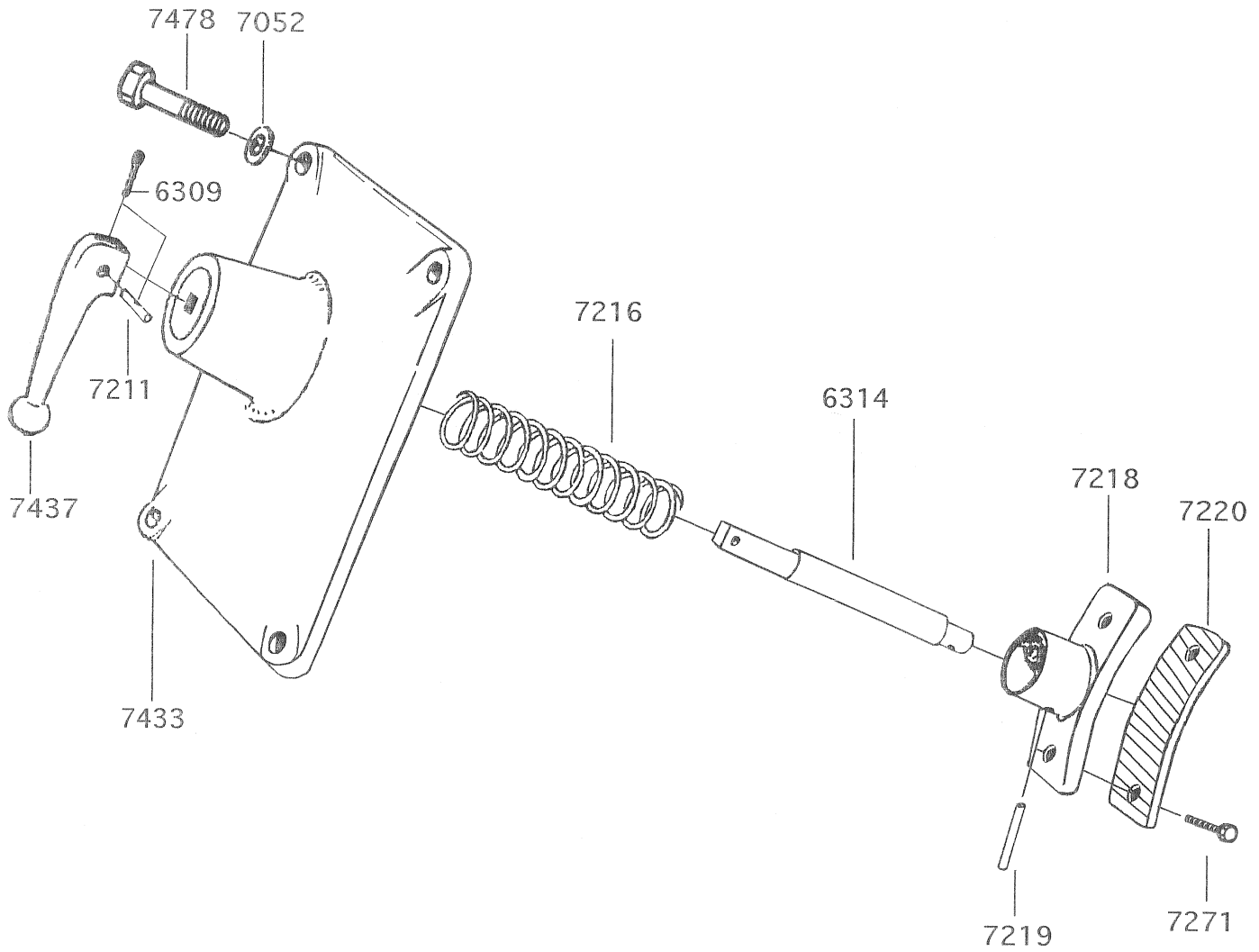
WORM WHEEL GUARD



WORM WHEEL GUARD

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7052	8700519-01	Washer	6
7053	39088	Screw	5
7222	39429	Fill Plug for Lubricating Oil	1
7223	39146	Packing	1
7224	69209	Rev Counter Shaft	1
7225	37228	Stop Ring	1
7226	39407	Slotted Pin	1
7227	39149	Bushing	1
7229	69213	Gear Wheel w/Pin	1
7230	39411	Pin	1
7231	39361	Packing	1
7378	73528	Worm Wheel Guard w/ Rev Counter	1
7379	71129	Guard	1
7380	71145	Set Screw	1
7381	39864	Lip Seal Ring	1
7383	516951-1	Holder, Lubricating Nipple	1
7384	7240	Lubricating Nipple	1

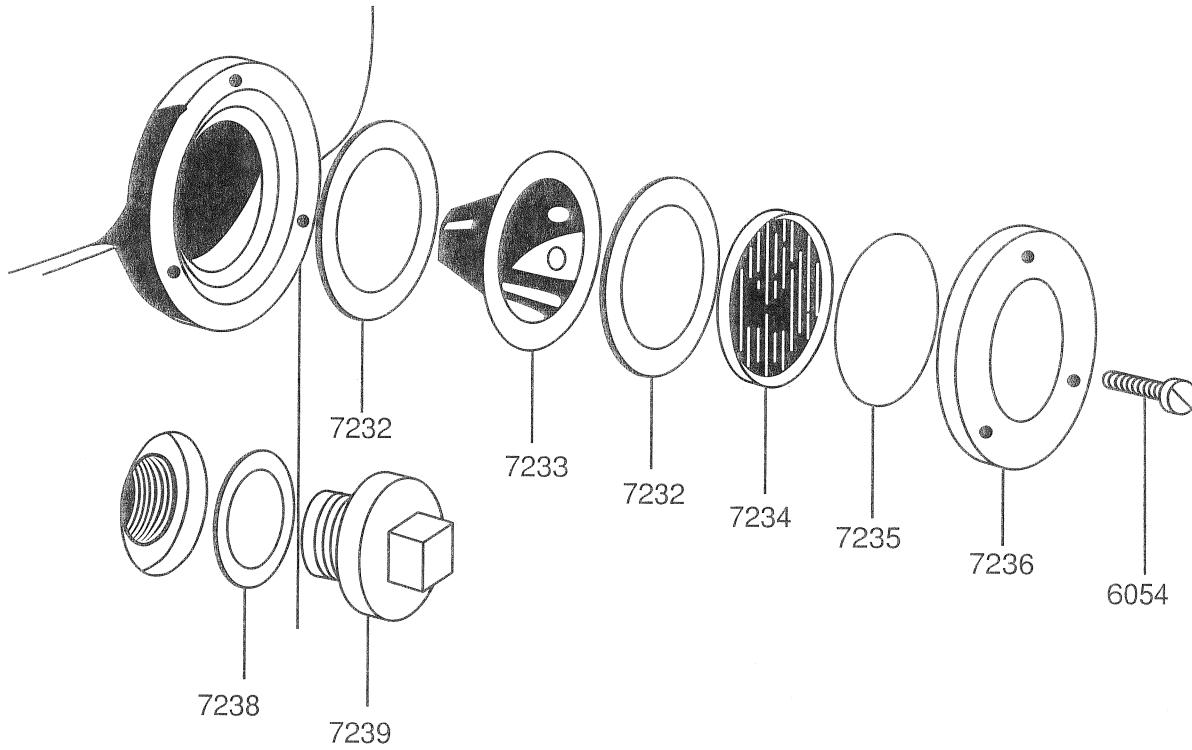
BRAKE



BRAKE

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6309	4528	Split Pin	1
6314	8200254-01	Spindle	1
7052	8700519-01	Washer	4
7211	39122	Pin	1
7216	70695	Spring	1
7218	39357	Brake Shoe	1
7219	39416	Slotted Pin	1
7220	65227	Lining	1
7271	37231	Screw	3
7432	70692	Friction Coupling Guard Assy w/Brake	1
7433	70693	Guard w/Guide Plug	1
7437	8200282-31	Handle	1
7478	2210942-38	Screw	4

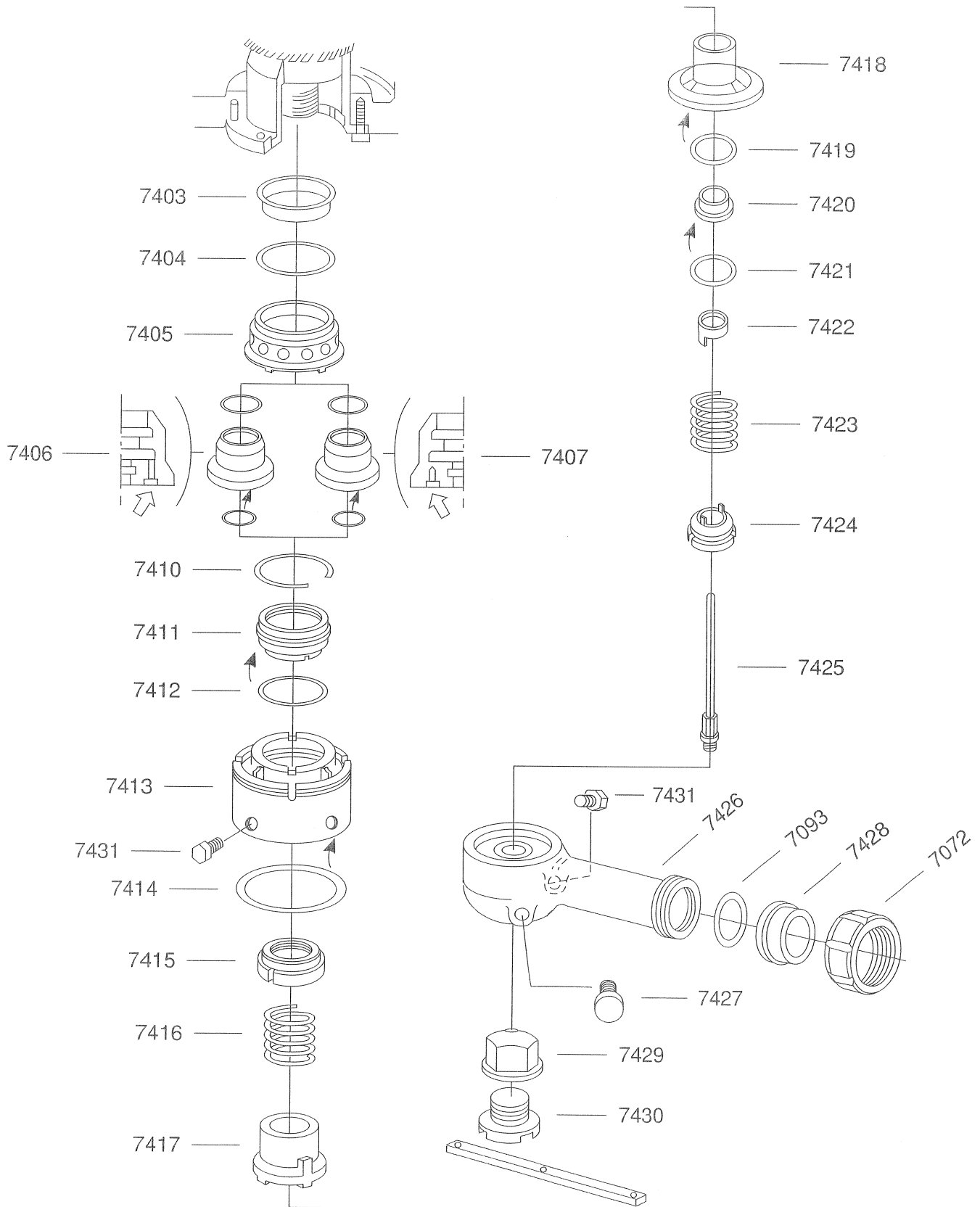
OIL SIGHT GLASS



OIL SIGHT GLASS

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6054	2211722-16	Screw, Fixing Ring	3
7232	39360	Packing, Large Glass Disc & Oil Level	2
7233	39280	Oil Level Stabilizer	1
7234	36496	Glass Disc	1
7235	39367	Packing, Small Glass Disc	1
7236	39394	Fixing Ring	1
7238	31193	Packing, Drain Screw	1
7239	39426	Drain Screw for Lubricating Oil	1

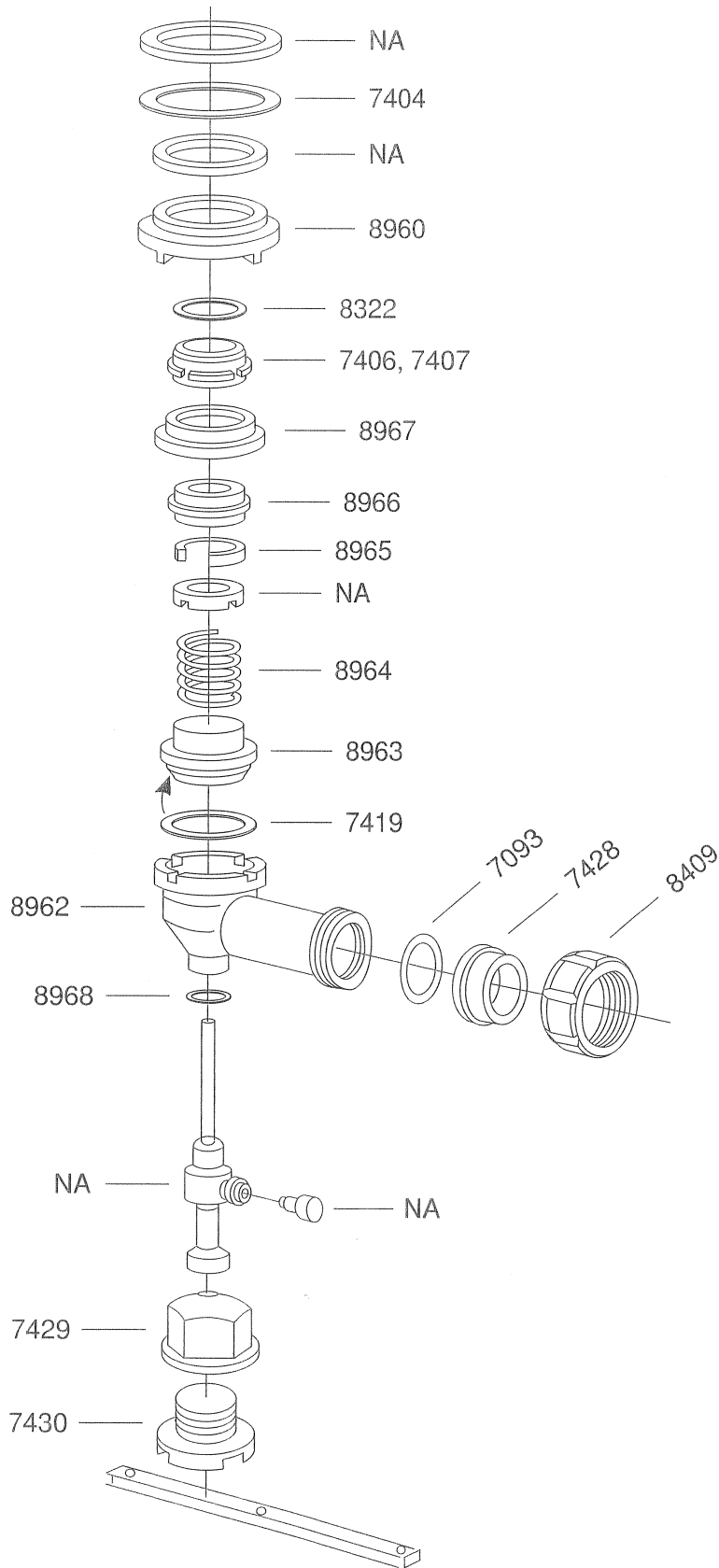
INLET 1



INLET 1

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7072	39382	Coupling Nut	1
7093	39365	Packing	1
7403	70778	Collar	1
7404	70777	Height Adjusting Ring	6
7405	518182-1	Attachments	1
7406	73400	Wear Nut w/Channels for Flush Liquid	1
7407	74397	Wear Nut w/o Channels for Flush Liquid	1
7408	14238	Rubber Ring (Wear Nut Bowl Spindle)	1
7409	68085	Rubber Ring (Wear Nut Tube)	1
7410	517183-7	Snap Ring	1
7411	523817-1	Seal Ring, Outer	1
7412	64702	Rubber Ring, Outer	1
7413	523823-80	Inlet Cap	1
7414	8200330-01	Rubber Ring	1
7415	523824-1	Gland, Outer	1
7416	226214-42	Spring, Outer	1
7417	517177-3	Flushing Diversion Sleeve	1
7418	517178-80	Flushing Chamber Sleeve	1
7419	73212	Rubber Ring	1
7420	8701908-01	Seal Ring, Inner	1
7421	64708	Rubber Ring, Inner	1
7422	517173-80	Gland, Inner	1
7423	226214-6	Spring, Inner	1
7424	517180-1	Lock Sleeve	1
7425	73896	Feed Tube	1
7426	523819-2	Connection Piece	1
7427	69630	Vent Screw	1
7428	39383	Connection Sleeve	1
7429	70699	Clamp Nut	1
7430	70698	Support	1
7431	523872-1	Screw Plug	2

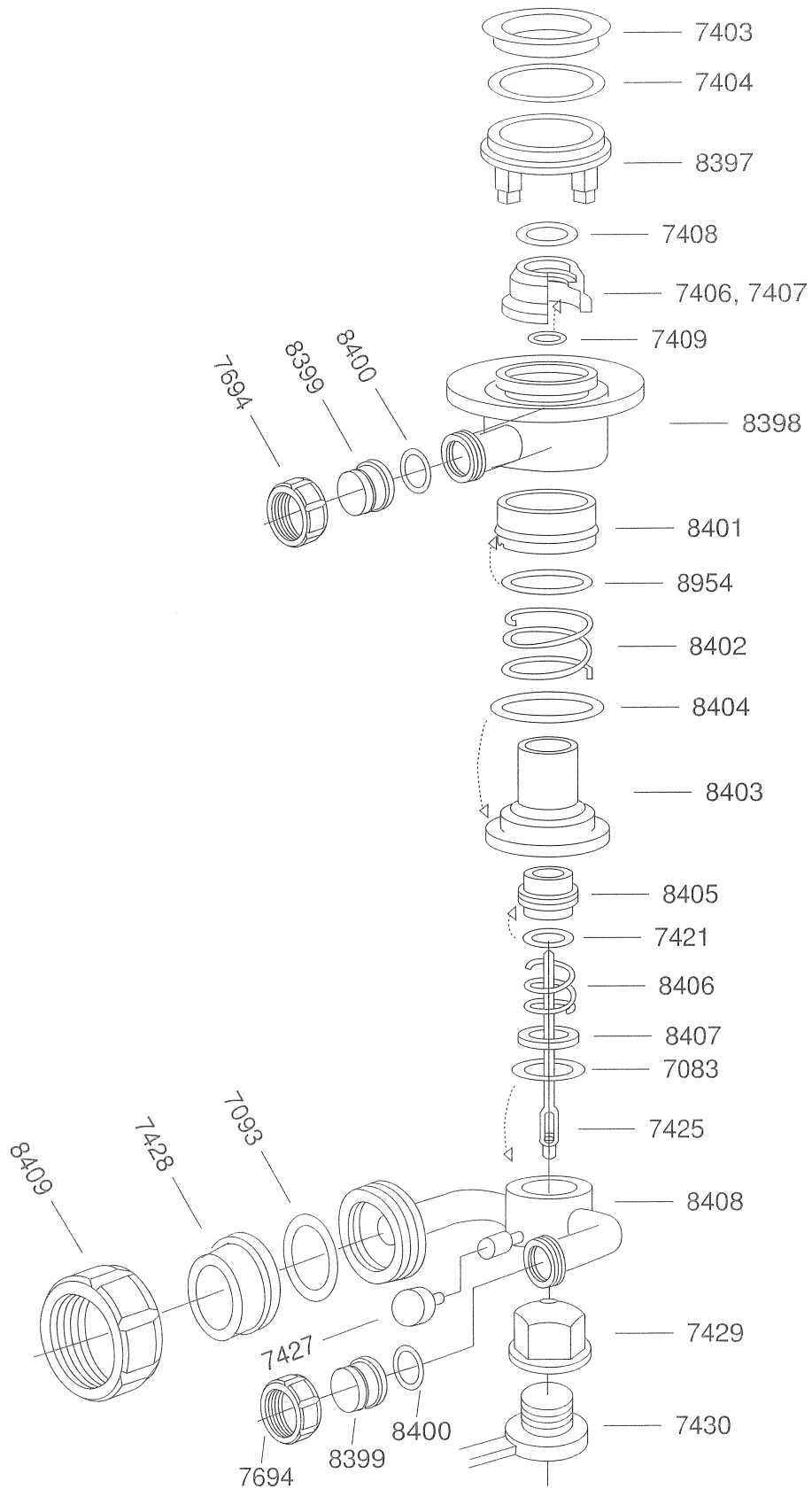
INLET 2



INLET 2

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7093	71068	Packing	1
7404	70777	Height Adjusting Ring	0-6
7406	73400	Wearing Nut With Channels	1
7407	74397	Wearing Nut Without Channels	1
7419	73212	Rubber Ring	1
7428	190630	Connecting Sleeve	1
7429	70699	Clamp Nut	1
7430	70698	Support	1
8322	14238	Rubber Ring	1
8409	190623	Coupling Nut	1
8960	73355	Attachment	1
8961	73430	Height Adjusting Ring	1
8962	73963	Feed Bend	1
8963	73211	Sleeve	1
8964	73992	Spring	1
8965	72242	Rubber Ring	1
8966	73216	Seal Ring	1
8967	73434	Lock Ring	1
8968	33477	Packing	1

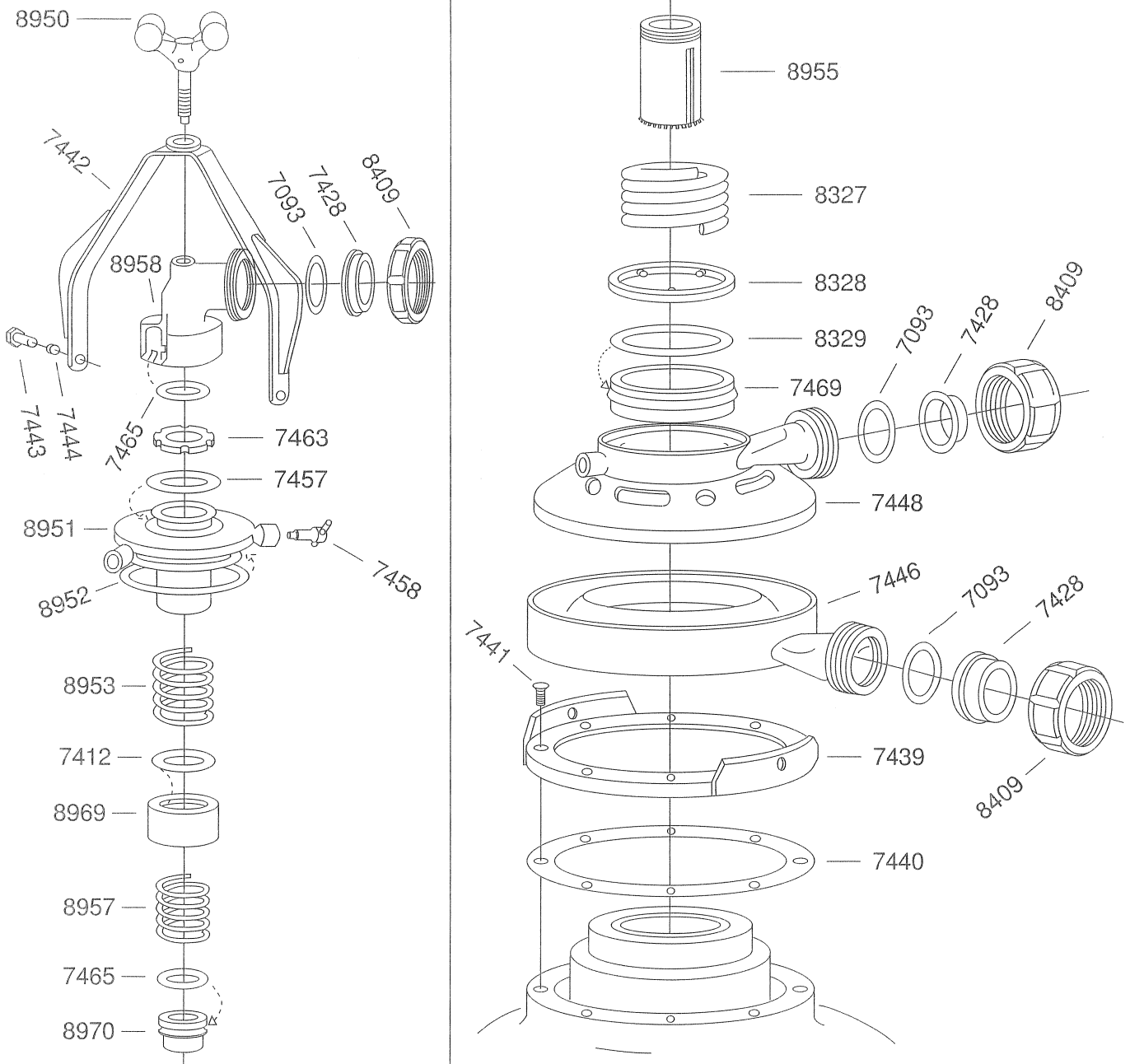
INLET 3



INLET 3

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7083	66554	Packing	1
7093	71068	Packing	1
7403	70778	Collar	1
7404	70777	Height Adjusting Ring	1-5
7406	73400	Wear Nut w/Channels for Flush Liquid	1
7407	74397	Wear Nut w/o Channels for Flush Liquid	1
7408	14238	Rubber Ring	1
7409	68085	Rubber Ring	1
7421	64708	Rubber Ring	1
7425	73896	Feed Tube for Lye	1
7427	69630	Vent Screw	1
7428	190630	Sleeve	1
7429	70699	Clamp Nut	1
7430	70698	Support for Inlet Device	1
7694	190620	Coupling Nut	1
8397	73391	Attachment	1
8398	73402	Connect Piece for Flush Liquid	1
8399	190627	Sleeve	1
8400	190608	Packing	1
8401	68717	Outer Seal Ring	1
8402	73408	Spring, Outer	1
8403	73409	Sleeve for Inlet Device	1
8404	70942	Rubber Ring for Sleeve	1
8405	73412	Inner Seal Ring	1
8406	73413	Spring, Inner	1
8407	73414	Spring Support	1
8408	73424	Connect Piece for Liquid to be Separated	1
8409	190623	Coupling Nut	1
8954	64702	Rubber Ring	1

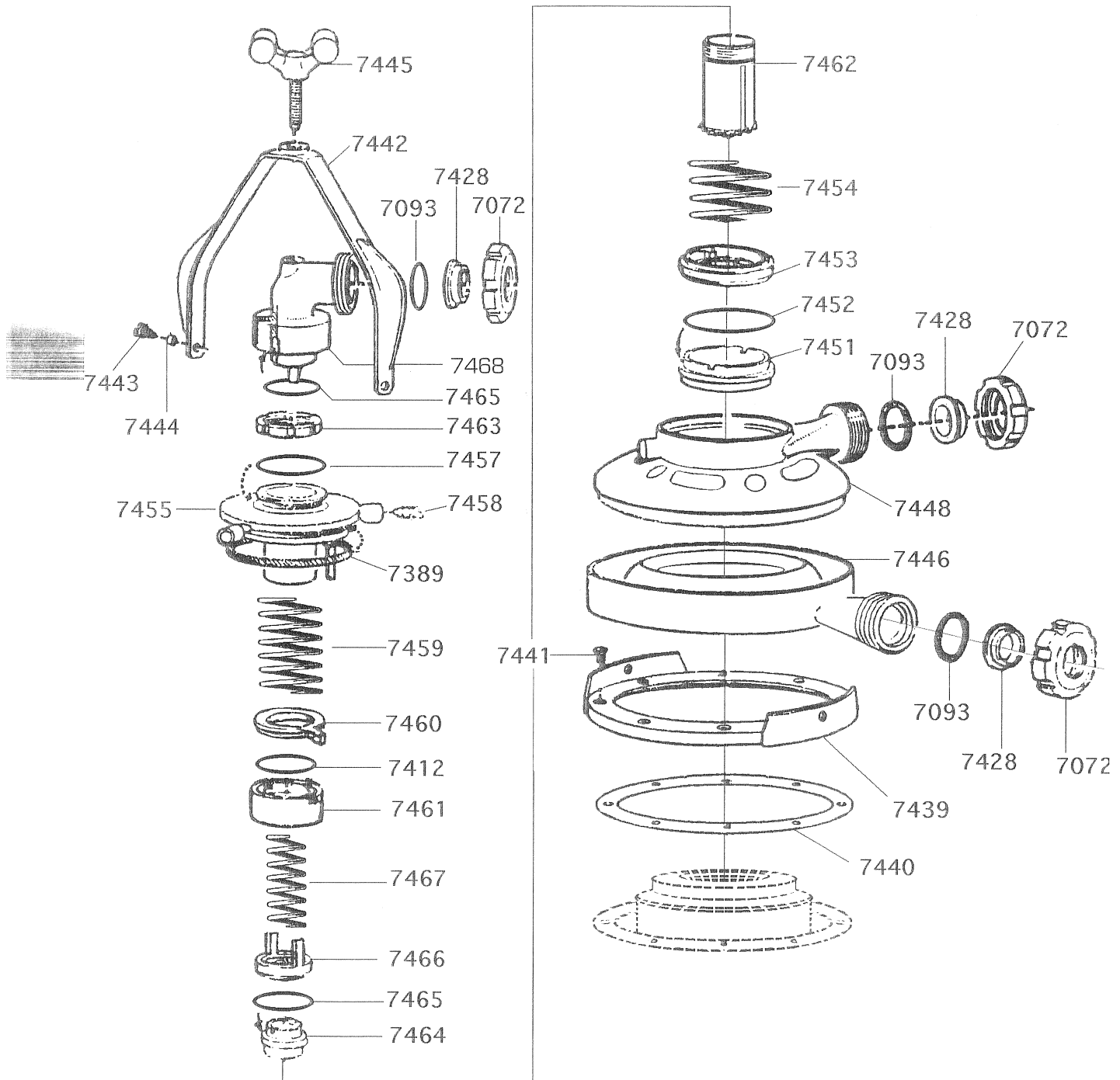
OUTLET 1



OUTLET 1

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7093	71068	Packing	1
7412	64702	Rubber Ring	1
7428	190630	Connecting Sleeve	1
7439	73351	Guide Ring	1
7440	73352	Height Adjusting Ring	6
7441	73353	Screw	8
7442	73354	Locking Stirrup	1
7443	67573	Screw	2
7444	72503	Spacing Sleeve	2
7446	73356	Waste Liquid Receptacle	1
7448	73359	Outlet Cover	1
7457	64810	Rubber Ring, Small	1
7458	68710	Shut-off screw	1
7463	71364	Round Nut	1
7465	70938	Rubber Ring	1
7469	73366	Seal Ring, Outer	1
8327	73378	Spring, Outer	1
8328	73367	Ring, Outer	1
8329	71686	Rubber Ring	1
8409	190623	Coupling Nut	1
8950	11687	Clamp Screw	1
8951	74427	Sealing Cover	1
8952	33881	Rubber Ring, Large	1
8953	73382	Spring, Middle	1
8955	73384	Sleeve	1
8957	73387	Spring, Inner	1
8958	73388	Discharge Bend	1
8969	73383	Seal Ring, Middle	1
8970	73386	Seal Ring, Inner	1

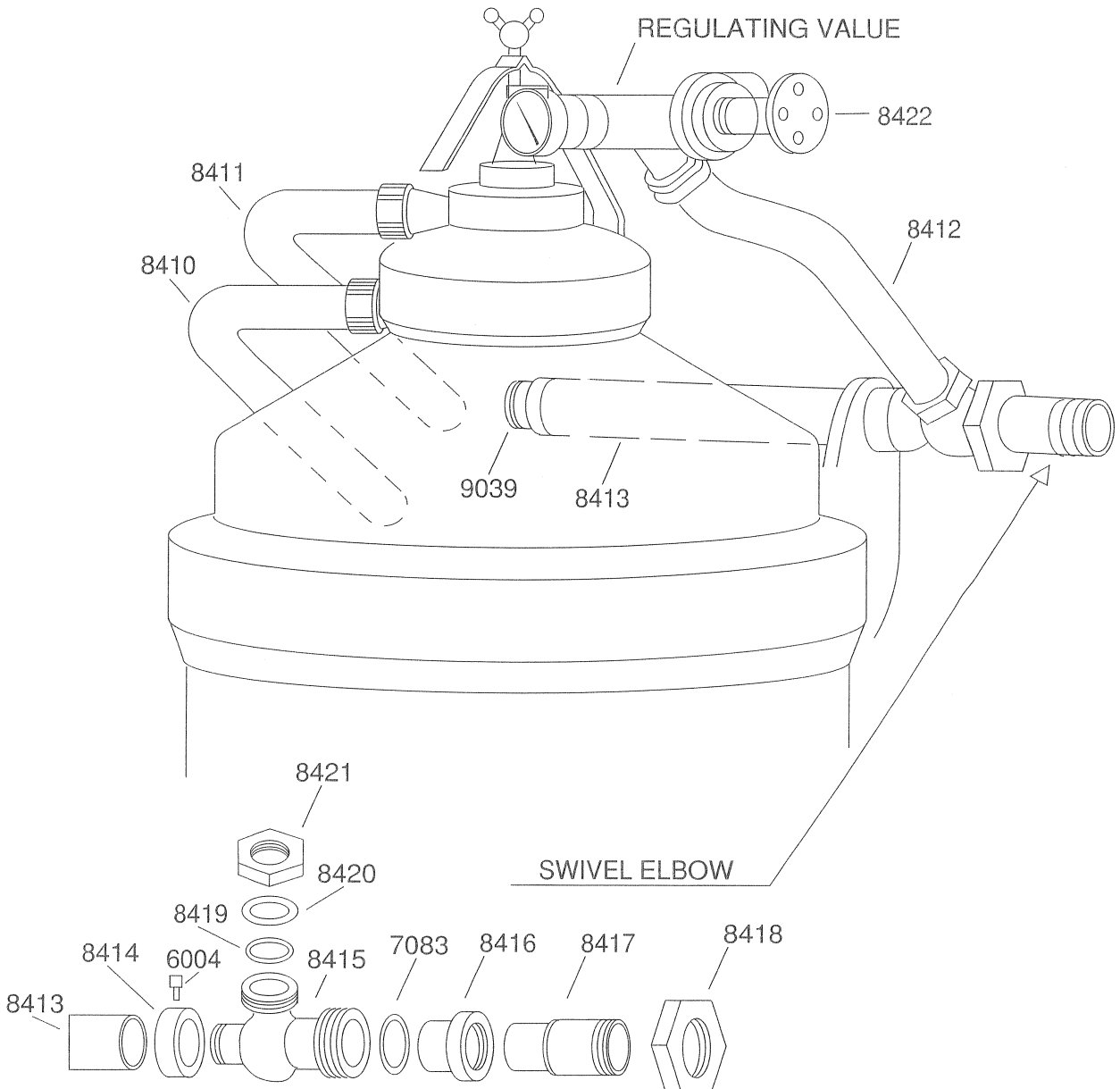
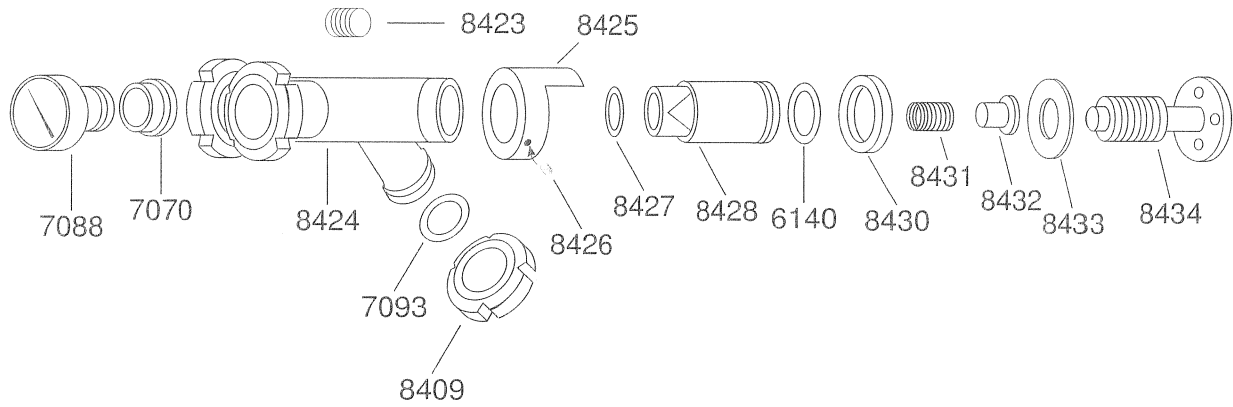
OUTLET 2



OUTLET 2

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7072	39382	Coupling Nut	1
7093	39365	Packing	1
7389	73947	Rubber Ring, Large	1
7412	64702	Rubber Ring, Middle	1
7428	39383	Connecting Sleeve	1
7439	73351	Guide Ring	1
7440	73352	Height Adjusting Ring	6
7441	73353	Screw	8
7442	73354	Locking Stirrup	1
7443	67573	Screw	2
7444	72503	Spacing Sleeve	2
7445	785366-80	Clamp Screw	1
7446	73356	Waste Liquid Receptacle	1
7448	73359	Outlet Cover	1
7451	8701907-01	Seal Ring, Outer	1
7452	521121-9	Rubber Ring, Outer	1
7453	518173-1	Gland, Outer	1
7454	226214-29	Spring, Outer	1
7455	518193-81	Sealing Cover	1
7457	37309	Rubber Ring, Small	1
7458	68710	Shut-Off Screw	1
7459	226214-28	Spring, Middle	1
7460	518174-1	Gland, Middle	1
7461	8701910-01	Seal Ring, Middle	1
7462	518194-1	Sleeve	1
7463	71364	Round Nut	1
7464	8701911-01	Seal Ring, Inner	1
7465	70938	Rubber Ring, Inner	1
7466	518172-1	Gland, Inner	1
7467	226214-20	Spring, Inner	1
7468	518195-02	Discharge Bend	1

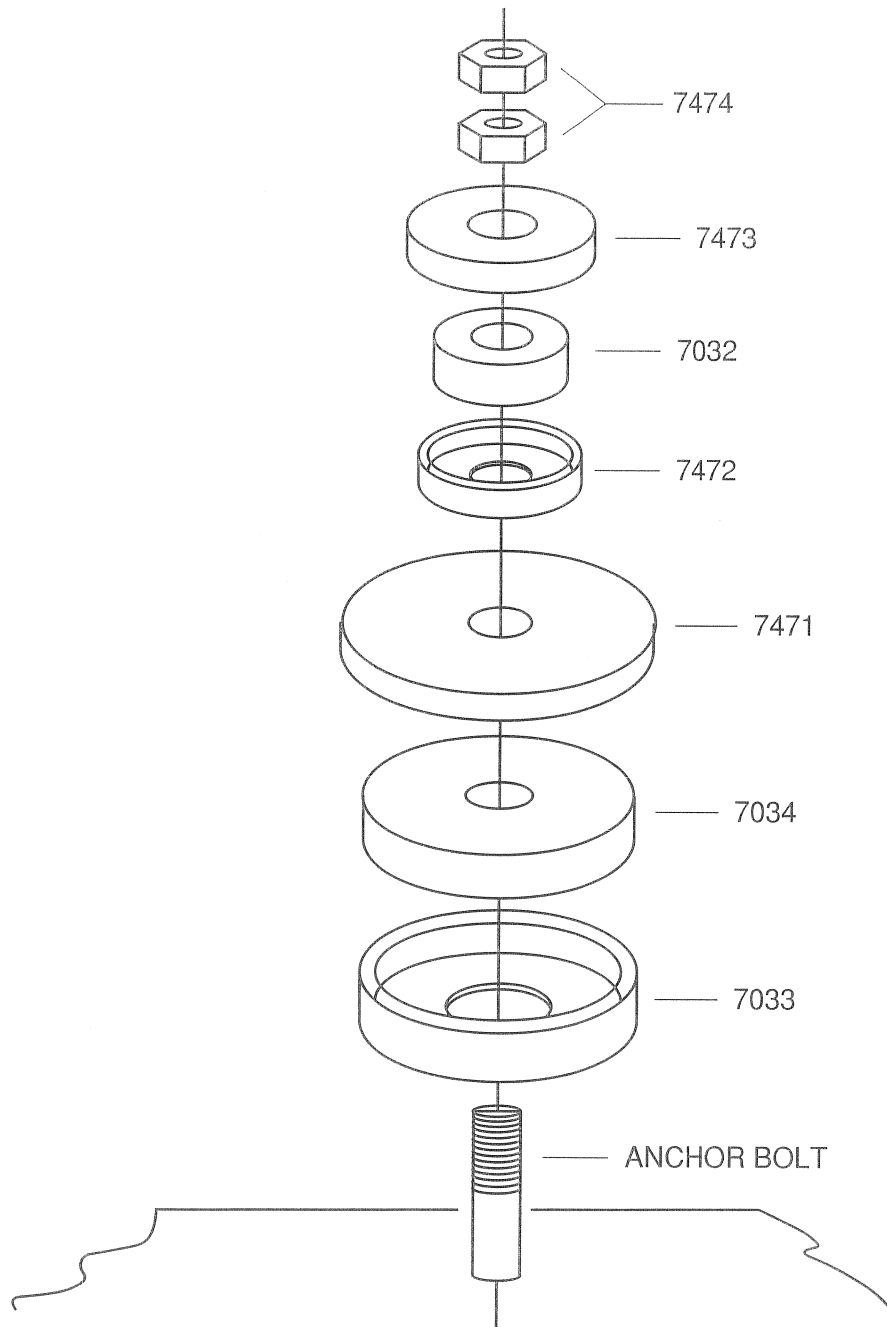
OPTIONAL PIPING



OPTIONAL PIPING

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
6004	35061	Set Screw	1
6140	39461	Rubber Ring	1
7070	39273	Rubber Membrane	1
7083	39272	Rubber Ring	1
7088	39239	Pressure Gauge	1
7093	39365	Rubber Gasket	3
8410	39877	Waste Liquid Outlet Tubing	1
8411	39876	Heavy Phase Outlet Tubing	1
8412	39879	Light Phase Outlet Tubing	1
8413	39892	Hinge Rod	1
8414	39896	Locating Ring	1
8415	8701069-80	Swivel Elbow	1
8416	39895	Gland Ring	1
8417	39893	Hinge Ferrule	1
8418	40106	Union Nut	1
8419	8701068-01	Rubber Ring	1
8420	39894	Ring Retainer	1
8421	40102	Union Nut	1
8422	39800	Regulating Valve	1
8423	28550	Pipe Plug	1
8424	39799	Valve Body	1
8425	39405	Stop Ring	1
8426	32056	Set Screw	1
8427	39370	Seal Ring	1
8428	39379	Regulating Valve	1
8430	39373	Inner Nut	1
8431	39521	Spring, 30 P.S.I.	1
8432	39371	Thrust Plug	1
8433	39425	Lock Nut	1
8434	39468	Adjusting Screw	1
8543	39890	Seal Water Inlet Flex Hose 3/8"	2
9039	39903	Rubber Plug	1
9040	8700156-01	Back Flush Flex Hose 3/4"	1
9041	39889	Seal Water Hose Elbow	2

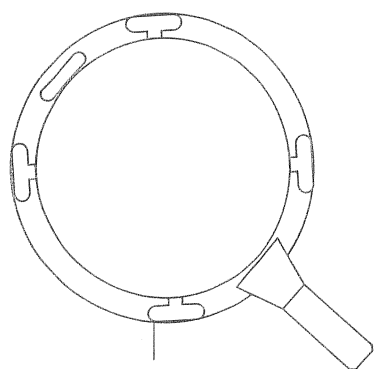
ANCHOR PARTS



ANCHOR PARTS

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>	<u>QUANTITY</u>
7032	39111	Rubber Cushion, Small, Upper	4
7033	39116	Cup, Large, Lower	4
7034	39112	Rubber Cushion, Large, Lower	4
7471	8701804-01	Cup, Cover, Large, Lower	4
7472	8701803-01	Cup, Small, Upper	4
7473	8701802-01	Cup, Cover, Small, Upper	4
7474		Nut (to be Procured by Customer)	8

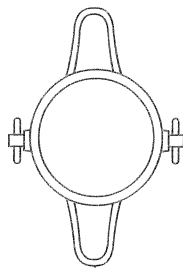
TOOLS



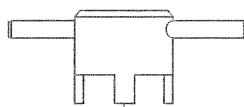
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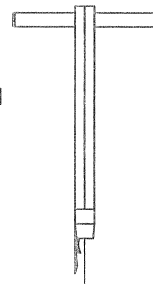
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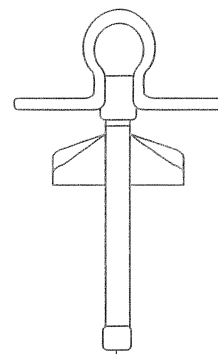
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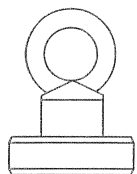
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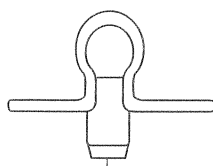
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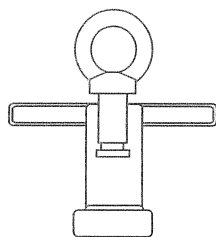
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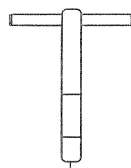
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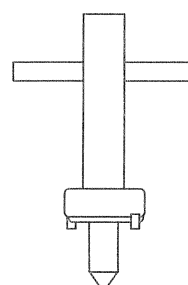
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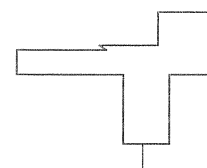
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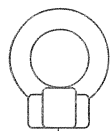
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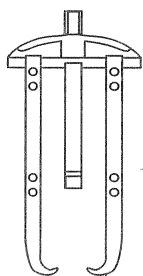
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7489



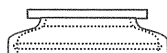
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8973



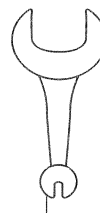
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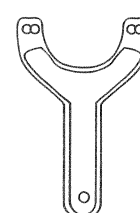
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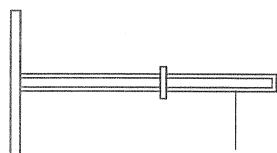
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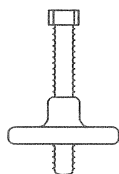
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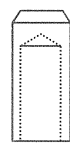
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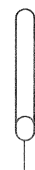
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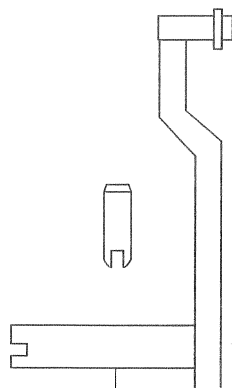
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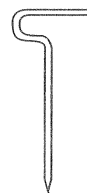
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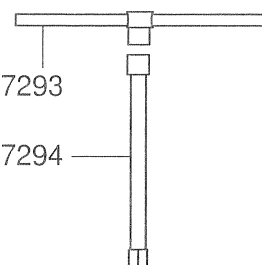
7713



8873



7712



7293

7294

7296

7295

TOOLS

<u>HH PN</u>	<u>ALFA PN</u>	<u>PART NAME</u>
7286	65380	Pin Spanner
7287	65454	Screw, Spanner
7289	65374-3	Driving-On Sleeve
7293	72243	T-Handle
7294	72244	Extension Rod
7295	72245	Socket, 15 MM (19/32")
7296	72246	Socket, 21 MM (53/64")
7300	72719	Pin Spanner
7313	69696	Hook Spanner
7479	70675	Spanner
7480	73446	Spanner
7481	73950	Pin Spanner
7482	73448	Wrench
7483	73438	Lifting Tool
7484	73442	Lifting Tool
7485	73436	Lifting Tool
7486	73440	Lifting Tool
7487	527527-80	Lifting Tool
7488	527538-80	Pin Spanner
7489	523833-1	Measuring Templet
7490	73444	Eye Bolt Nut
7491	70858	Driving Off Nut
7493	523249-80	Puller Tool
7575	72730	Jack Screw
7699	64324	Tin Mallet
7711	40336	Guide Bolt
7712	14486	Screw Driver
7713	65382	Lining Up Tool
7969	70859	Nut
8868	70832	Brush
8873	2279	Drift, Small V52
8973	70831	Puller Tool
8974	73164	Socket Wrench