

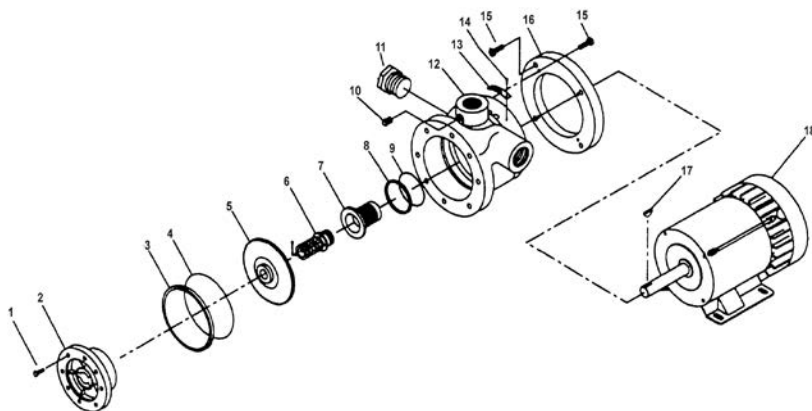
Solutions beyond products...

CORKEN

IPEX

COROFLO PUMPS

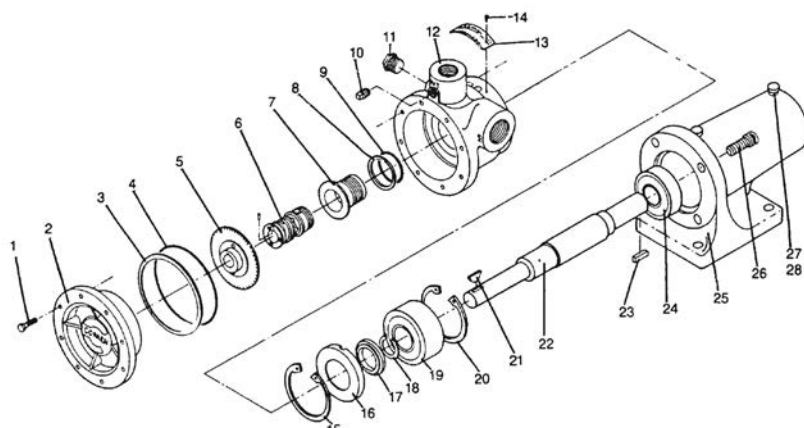
"C" MODEL PUMPS



CAUTION: Always relieve pressure in the unit before attempting any repairs.

RMI Part No.	Ref No.	Description	Qty.
7001-031NC100A	1	Hex head cap screw	8
1014	3	Case clearance shim (.002" red)	As req.
1014-1		Case clearance shim (.003" green)	As req.
2-246A	4	Case O-ring (non-teflon)	1
1003-09	5	Impeller, brass - model 9	1
1003-0		Impeller, brass - model 10	1
1003-2		Impeller, brass - model 12	1
1003-3		Impeller, brass - model 13	1
1003-4		Impeller, brass - model 14	1
1003-5		Impeller, brass - model 15	1
113-CXA	6	Seal Assembly	1
1004-1X	7	Seal Housing, steel (non-teflon O-rings)	1
1013	8	Housing adjustment shim (.010")	As req.
101301		Housing adjustment shim (.020")	As req.
2-224A	9	Housing O-ring	1
3442	10	Pipe plug, 1/4" NPT	1
3444	11	Pipe plug, 3/4" NPT	1
1914-1	13	Nameplate	1
7012-006SF019E	14	Phillips head screw 6-32 x 1/4"	2
7002-037NC087A	15	Socket head cap screw	8
1015	16	Adapter ring	1
2497	17	Woodruff key, steel	1
2555	18	Motor 3/4 hp models 9, 10	1
2556		Motor 1 hp model 12	1
2557 ⁵		Motor 3 hp models 14, 15	1
2895 ⁵		Motor 3/4 hp, obsolete models 9E, 10	1
2896 ⁶		Motor 1 1/2 hp, obsolete model 12E	1
4261 ⁴		Motor 2 hp model 13	1

"F" MODEL PUMPS



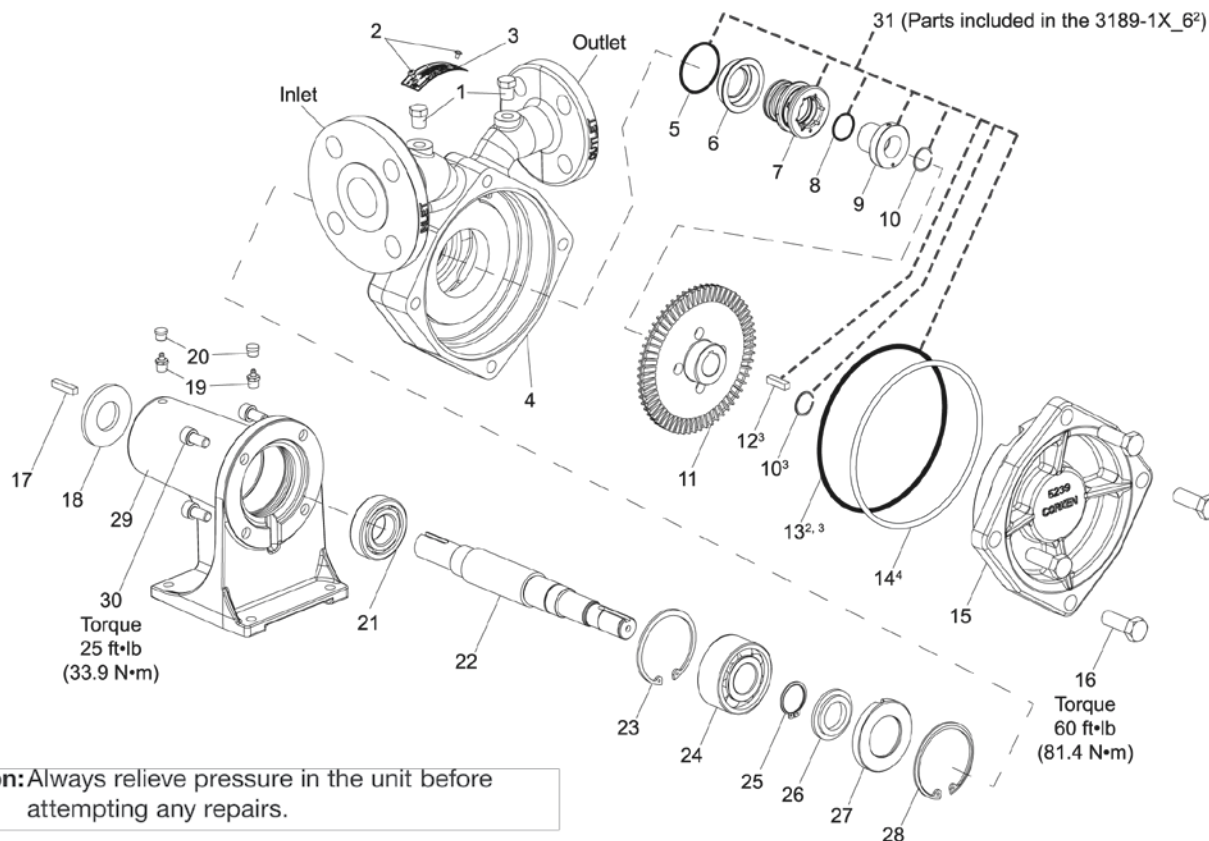
CAUTION: Always relieve pressure in the unit before attempting any repairs.

RMI Part No.	Ref No.	Description	Qty.
7001-031NC100A	1	Hex head cap screw	8
1014	3	Case clearance shim (.002" red)	As req.
1014-1		Case clearance shim (.003" green)	As req.
2-246A	4	Case O-ring (non-teflon)	1
1003-09	5	Impeller, brass - model 9	1
1003-0		Impeller, brass - model 10	1
1003-2		Impeller, brass - model 12	1
1003-3		Impeller, brass - model 13	1
1003-4		Impeller, brass - model 14	1
1003-5		Impeller, brass - model 15	1
113-CXA	6	Seal Assembly	1
1004-1X	7	Seal Housing, steel (non-teflon O-rings)	1
1013	8	Housing adjustment shim (.010")	As req.
1013-1		Housing adjustment shim (.020")	As req.
2-224A	9	Housing O-ring	1
3442	10	Pipe plug, 1/4" NPT	1
3444	11	Pipe plug, 3/4" NPT	1
1914-1	13	Nameplate	1
7012-006SF019E	14	Phillips head screw 6-32 x 1/4"	2
5002-281	15	Bearing retainer ring	1
1238	16	Bearing cap	1
1006	17	Grease seal	1
5102-118	18	Bearing retainer ring	1
2758	19	Ball bearing	1
5000-281	20	Bearing retainer ring	1
2497	21	#5 Woodruff key, steel	1
1234	22	Shaft	1
3226	23	key	1
2759	24	Ball bearing	1
1010-2	25	Frame	1
7002-037NC087A	26	Socket headscrew	4
2158	27	Grease zerk	2
2159	28	Lubricap	2

Solutions beyond products...

CORKEN IPEX

FF SERIES AUTOGAS PUMPS



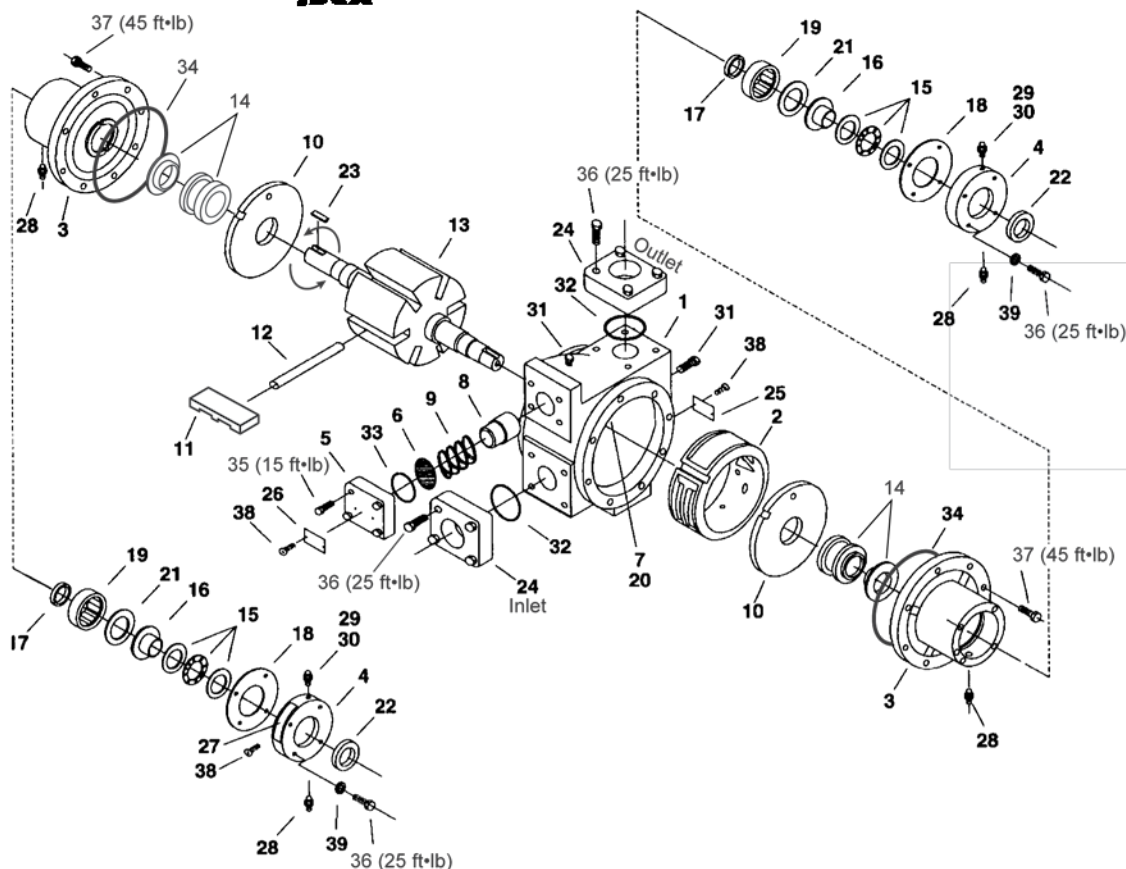
Caution: Always relieve pressure in the unit before attempting any repairs.

RMI Part No.	Ref No.	Description	Qty.
3442	1	1/4" pipe plug	2
7012-0065F019E	2	Nameplate screw	2
1914-1	3	Nameplate	1
5238-060	4	060 Case – ANSI flange (FF)	1
5238-75		075 Case – ANSI flange (FF)	1
5238		150 Case – ANSI flange (FF)	1
5238-061		060 Case – DIN flange (FD)	1
5238-751		075 Case – DIN flange (FD)	1
5238-1	5	150 Case – DIN flange (FD)	1
2-133A		Seal Housing O-ring	1
5244-1X		Seal Housing assembly	1
Not sold separately		Seal sub assembly	1
2-108A		Seal sleeve O-ring	1
Not sold separately	9	Seal sleeve assembly	1
2760-88	10	7/8" retainer ring	1
5240-060	11	060 Impeller (bronze)	1
5240-75		075 Impeller (bronze)	1
5240		150 Impeller (bronze)	1
5240-061		060 Impeller (stainless steel)	1
5240-751		075 Impeller (stainless steel)	1
5240-1		150 Impeller (stainless steel)	1
5240-062		060 Impeller (steel)	1
5240-752		075 Impeller (steel)	1
5240-2		150 Impeller (steel)	1
4244	12	Impeller key	1

RMI Part No.	Ref No.	Description	Qty.
2-260A	13	Case O-ring	1
5248	14	Case clearance shim	1
5239-060	15	060-Cover	1
5239-75		075-Cover	1
5239		150-Cover	1
7301-140MC040A	16	M14-2 x 40mm hex head bolt	4
3226	17	Shaft key	1
3227	18	Bearing plate	1
2158	19	Grease zerk	2
2159	20	Lubricap	2
2759	21	Single row ball bearing	1
5241-1	22	Shaft	1
5000-281	23	Retainer ring	1
2758	24	Double row ball bearing	1
5102-118	25	Retainer ring	1
1006	26	Grease seal	1
1238	27	Bearing cap	1
5002-281	28	Retainer ring	1
1010-3	29	Mounting frame	1
7302-100MC020A	30	M10-1.5 x 22mm Allen head bolt	4
3189-1X_6	31	Seal assembly	1

Solutions beyond products...
CORKEN
IXX

Z2000 MODELS



RMI Part No.	Ref No.	Description	Qty.
4413	1	Case	1
4414**	2	Cam	1
4416	3	Head	2
4417	4	Bearing Cap	2
1174-3	5	Relief valve cap	1
4282	6	Shim (Z2000, ZH2000)	1
4424	7	Cam key	1
4425	8	Relief valve	1
4426		Relief valve spring (Z2000, ZH2000)	1
1240	9	Relief valve spring (ZX2000, ZXH2000)	1
4427**	10	Sideplate	1
4428*	11	Vane	6
4262-X*	12	Vane driver (Push Rod)	3
4430-X2R	13	Rotor-shaft assembly	1
4431-XA2*	14	Mechanical seal assembly	2
4432*	15	Thrust bearing assembly	2
4435*	16	Bearing race mounting ring	2
4438	17	Grease seal	2
4439*		Bearing cap shim (.002) red	As req.
4439-1*	18	Bearing cap shim (.010) brown	As req.
4439-2*		Bearing cap shim (.020) yellow	As req.
2754-X*	19	Bearing	2
3253	20	Cam key pin	2

RMI Part No.	Ref No.	Description	Qty.
2760-244	21	Retainer ring	2
4441*	22	Grease seal	2
2270*	23	Shaft key-1/4" x 1 9/16"	2
4479-2	24	Flange-2" NPT	2
4479-2S		Flange-2" welded	
2649	25	Nameplate	1
4248	26	Relief valve nameplate (Z2000, ZH2000)	1
4248-1		Relief valve nameplate (ZX2000, ZXH2000)	1
1359	27	Lubrication instruction plate	2
1343	28	1/8" NPT relief fitting	4
2158	29	1/8" NPT grease zerk	2
2159	30	Lubricap	2
3442	31	1/4" NPT pipe plug	2
2-231A*	32	O-ring - flange*	2
2-224A*	33	O-ring - relief valve cap*	1
2-261A	34	O-ring - case	2
7001-031-NC125A	35	Bolt - hexagon head	4
7001-037-NC150A	36	Bolt - hexagon head	16
7001-043-NC125A	37	Bolt - hexagon head	16
7012-006-SF025E	38	Screw	8
7206-037A	39	Lockwasher	8
3193-X1		Repair Kit	1
3194-X1		Rebuild Kit	1

* Included in repair kit

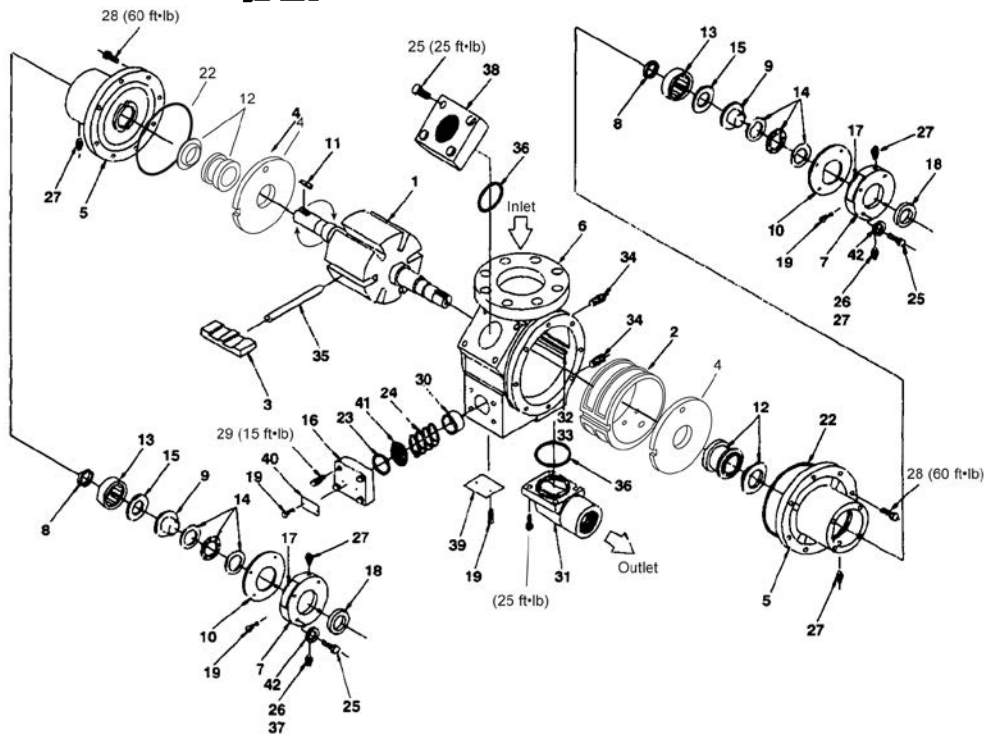
** Included in rebuild kit, plus all item in repair kit

Solutions beyond products...

CORKEN[®]

IPEX

Z3200 MODELS



RMI Part No.	Ref No.	Description	Qty.
4495-X2R	1	Rotor shaft assembly	1
4242**	2	Cam	1
4232*	3	Vane	6
4231**	2	Sideplate	2
4488	5	Head	2
4239	6	Case	1
4417	7	Bearing cap	2
4438	8	Grease seal	2
4435*	9	Mounting ring	2
4439*	10	Bearing shim (.002) red	As req.
4439-1*		Bearing shim (.010) brown	As req.
4439-2*		Bearing shim (.020) yellow	As req.
2270*	11	Shaft key	2
4431-XA2*	12	Mech. seal assembly	2
2754**	13	Bearing outer race	2
4432*	14	Thrust bearing assembly	2
2760-244	15	Retainer ring	2
1174-2	16	Relief valve cap	1
1359	17	Lubrication instruction plate	2
4441*	18	Grease seal	2
7012-006SF019E	19	Screw	8
-	20	Not shown	-
-	21	Not shown	-
2-262A	22	O-ring - Case	2
2-224A*	23	O-ring - relief valve cap	1
1240	24	Relief valve spring	1
7001-037NC150A	25	Bolt 3/8"-16 x 1 1/2" hex head	16
2158	26	1/8" NPT grease zerk	2

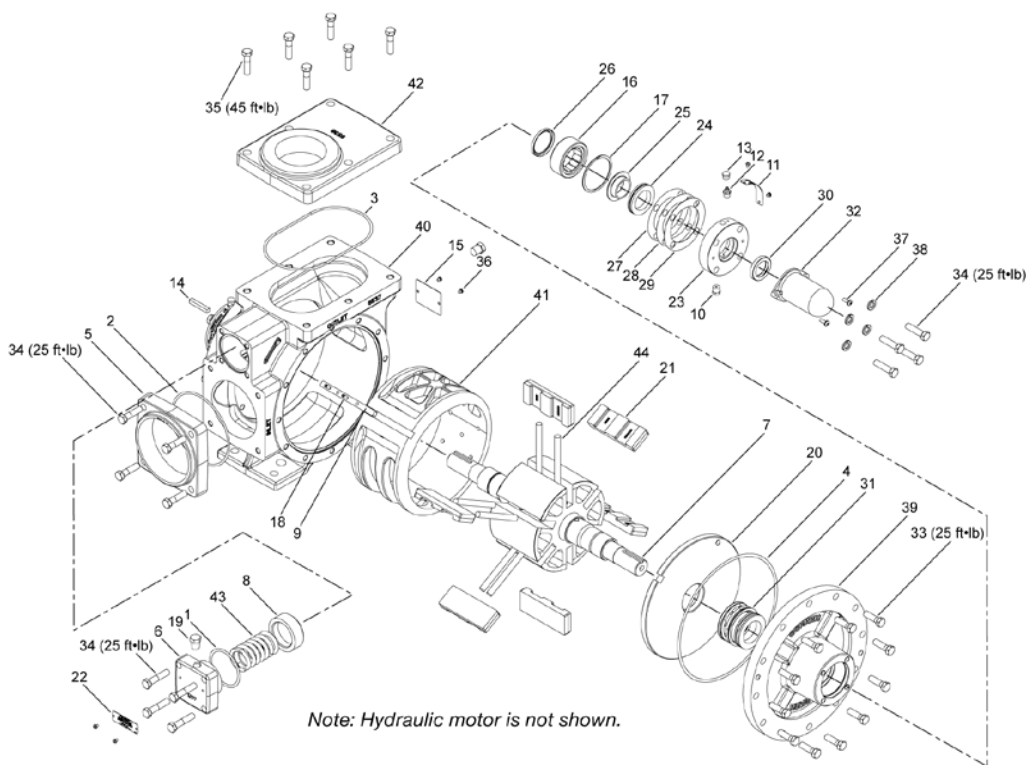
RMI Part No.	Ref No.	Description	Qty.
1343	27	1/8" NPT relief fitting	4
7001-050NC150A	28	Bolt-1/2-13 x 1 1/2" hex head	16
7001-031NC125A	29	Bolt-5/16-16 x 1 1/4" hex head	4
1241	30	Relief valve	1
1172-1.5	31	Outlet flange - 1.5" NPT	1
1172-1.5S		Outlet flange - 1.5" WF	1
1172-2		Outlet flange - 2" NPT	1
1172-2S		Outlet flange - 2" WF	1
1947		Outlet flange - 1.5" NPT ell	1
4243	32	Outlet flange - 2" NPT ell	1
4241		Cam key	1
3253		Cam key pin	1
3442		1/4" NPT pipe plug	1
4262-X*		Vane driver	3
2-234A*	36	O-ring-flange	1
2159	37	Lubricap	2
1172-1.5	38	Aux. inlet flange - 1.5" NPT	1
1172-1.5S		Aux. inlet flange - 1.5" WF	1
1172-2		Aux. inlet flange - 2" NPT	1
1172-2S		Aux. inlet flange - 2" WF	1
1920-3		Aux. inlet flange - blind	1
4243	39	Aux. inlet flange - 2" NPT ell	1
2649		Nameplate	1
4248		Relief valve nameplate	1
4242		Relief valve shim	As req.
7206-037A		3/8" Lockwasher	8
3195-X1		Repair kit	1
3196-X1		Rebuild kit	1

* Included in repair kit

** Included in rebuild kit, plus all item in repair kit

Solutions beyond products...
CORKEN
IFX

Z3500 MODELS



CAUTION: Always relieve pressure in the unit before attempting any repairs.

RMI Part No.	Ref No.	Description	Qty.
2-228A*	1	O-ring	1
2-254A	2	O-ring	1
2-259A	3	O-ring	1
2-268A	4	O-ring	2
1206-3	5	Inlet flange – 3" NPT	1
1206-4		Inlet flange – 4" NPT	1
1206-3S		Inlet flange – 3" WF	1
1206-4S		Inlet flange – 4" WF	1
1207-2	6	Relief valve cap	1
1208-1X6R	7	Rotor shaft assembly	1
1224	8	Relief valve	1
13009	9	Cam key	1
1343	10	Grease relief fitting	4
1359	11	Lubrication plate	2
2158	12	Grease zerk	2
2159	13	Lubricap	2
2270*	14	Shaft key – 1/4" 1	
2649	15	Nameplate	1
2754**	16	Outer bearing	2
2760-244	17	Retainer ring	2
3253	18	Cam key pin	2
3442	19	Pipe plug – 1/4" NPT	2
3935**	20	Sideplate	2
3936*	21	Vane	6
4248	22	Relief Valve warning tag	1

RMI Part No.	Ref No.	Description	Qty.
4417	23	Bearing cap	2
4432*	24	Thrust bearing assembly	2
4435*	25	Thrust bearing mounting ring	2
4438	26	Grease seal / Oil seal	2
4439*	27	Bearing cap shim – 0.002"	2
4439-1*	28	Bearing cap shim – 0.010"	2
4439-2*	29	Bearing cap shim – 0.020"	2
4441*	30	Grease seal	2
4431-XA2	31	Mechanical seal assembly	2
4985	32	Coro-Vane shaft cover	1
7001-037NC125A	33	Hex head bolt	24
7001-037NC150A	34	Hex head bolt	16
7001-043NC150A	35	Hex head bolt	6
7012-006SF019E	36	Screw	9
7012-010SF050E	37	Screw	2
7206-037A	38	Lockwasher – 0.375"	8
5534	39	Head	2
5537	40	Case	1
5539**	41	Cam	1
5538	42	Outlet flange – 3" NPT Elongated	1
5538-3S		Outlet flange – 3" WF Elongated	1
5548	43	Spring	1
5554-X*	44	Vane driver	6
3195-X2		Repair Kit	1
3196-X2		Rebuild Kit	1

* Included in repair kit

** Included in rebuild kit, plus all item in repair kit

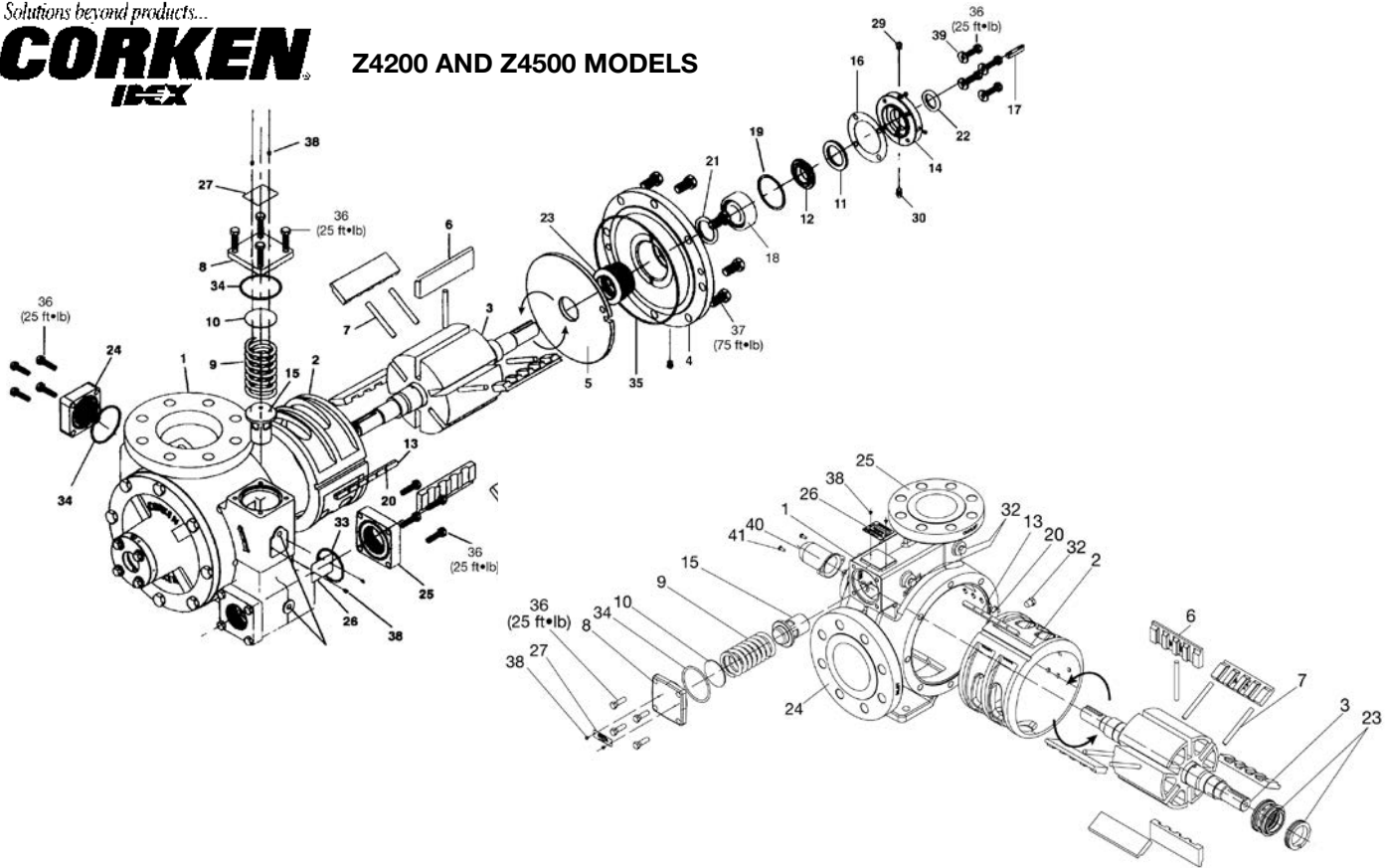
111 Corken Repair Parts



Solutions beyond products...

CORKEN
IFX

Z4200 AND Z4500 MODELS



RMI Part No.	Ref No.	Description	Qty.
5522	1	Case Z4500	1
4442	1	Case Z4200	1
4443**	2	Cam	1
4444-X2R	3	Rotor-shaft assembly	1
4445	4	Head	2
4446**	5	Sideplate	2
4448*	6	Vane	6
4449-X*	7	Vane driver	5
4450	8	Relief valve cap	1
4451	9	Relief valve spring	1
4452	10	Shim	1
4453*	11	Thrust bearing assembly	2
4454*	12	Bearing race mounting ring	2
4455	13	Cam key	1
4456	14	Bearing cap	2
4457	15	Relief valve	1
4458*		Bearing cap shim (.002) red	As req.
4458-1*	16	Bearing cap shim (.010) brown	As req.
4458-2*		Bearing cap shim (.020) yellow	As req.
4459*	17	Shaft key—5/16 x 1-3/4	1
4460-X*	18	Roller bearing	2
2760-283	19	Retainer ring	2
3253	20	Cam key pin	5
4462	21	Grease seal	2
4463*	22	Grease seal	2
4464-XA2*	23	Mechanical seal assembly	2

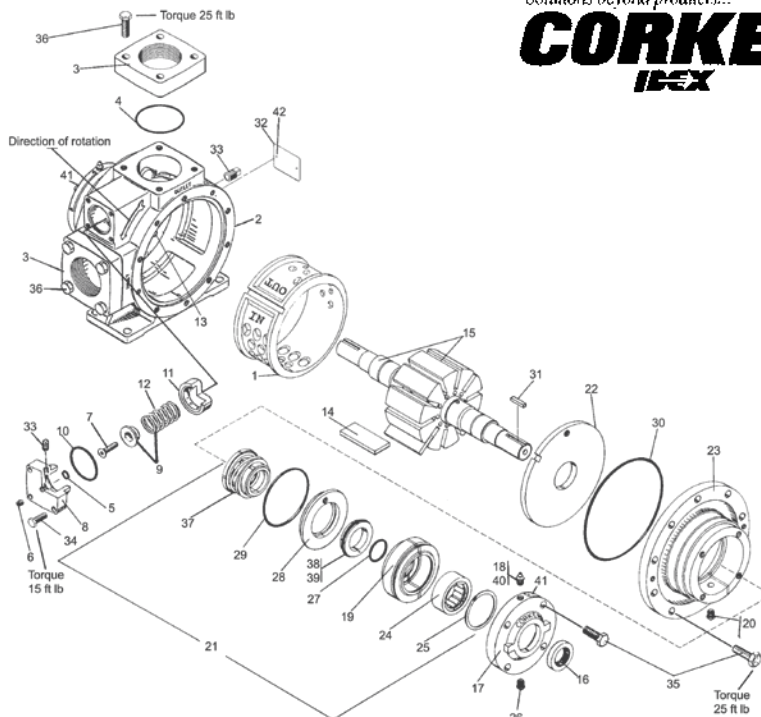
RMI Part No.	Ref No.	Description	Qty.
1172-2		Aux. inlet flange—2" NPT	1
1172-2S	24	Aux. inlet flange—2" WF	1
1920-3		Aux. inlet flange—blind	1
4479-2S	25	Discharge flange—2" WF	2
4981-2		Discharge flange—2" NPT	2
2649	26	Nameplate	1
4248	27	Relief valve nameplate	1
1359	28	Lubrication instruction plate	2
1343	29	1/8 NPT relief fitting	4
2158	30	1/8 NPT grease zerk	2
2159	31	Lubricap	2
3442	32	1/4 NPT pipe plug	2
2-231A*	33	O-ring—discharge flange	2
2-234A*	34	O-ring—auxiliary inlet flange	1
2-270A	35	O-ring—case	2
7001-037NC150A	36	Bolt—hexagon head	24
7001-062NC125A	37	Bolt—hexagon head	16
7012-006SF019E	38	Screw	8
7206-037A	39	Lockwasher	8
4985	40	Shaft cover	1
7012-010SF050E	41	Screw	2
3197-X1		Repair Kit	1
3198-X1		Rebuild Kit	1

* Included in repair kit

** Included in rebuild kit, plus all item in repair kit

Solutions beyond products...

CORKEN 521 AND 1021 MODELS **IMEX**



RMI Part No.	Ref No.	Description	Qty.
1162-2	1	Cam (521)	1
1201-2		Cam (1021)	1
2832	2	Case (521)	1
2841		Case (1021)	1
1172-2.5	3	2.5 Flange (521)	1
1172-2		2" Flange (521)	1
1206-3		3" Flange (1021)	2
2-234A*		Flange O-ring (521)	2
2-245A*	4	Flange O-ring 3" (1021)	2
2-249A*		Flange O-ring 4" (1021)	2
2-112A*	5	Adjusting screw O-ring	1
2590	6	Flush steel plug 1/8" NPT	1
2252	7	Relief valve adjusting screw	1
1174	8	Valve cap (521)	1
1207		Valve cap (1021)	1
1242-X	9	Relief valve spring & guide (521)	1
1227		Relief valve spring guide (1021)	1
2-224A*	10	Relief valve cap O-ring (521)	1
2-228A*		Relief valve cap O-ring (1021)	1
1241	11	Relief valve (521)	1
1224		Relief valve (1021)	1
1242	12	Relief valve spring (521)	1
1226		Relief valve spring (1021)	1
1170	13	Cam key (521)	1
1309		Cam key (1021)	1
1168-7*	14	Blade (521)	10
1308-9*		Blade (1021)	10
1166-1X1R	15	Rotor & shaft assembly (521)	1
1208-1X1R		Rotor & shaft assembly (1021)	1
1358*	16	Grease seal	2
1164-1	17	Bearing cap	2
2158	18	Grease zerk 1/8" NPT	2
1769	19	Bearing housing	2
1343	20	Relief fitting (seal vent)	2

RMI Part No.	Ref No.	Description	Qty.
1769-XA*	21	Seal assembly	2
1769-XRA*		Seal assembly – replacement	2
1163-2*	22	Side plate (521)	2
1209-1*		Sideplate (1021)	2
1161-4	23	Head (521)	2
1206-4		Head (1021)	2
2754-X*	24	Roller bearing – complete	2
2755		Bearing inner race	2
2754		Bearing outer race	2
2760-244	25	Retainer ring	2
1343	26	Relief filling (grease)	2
2-128A	27	Shaft O-ring	2
1822	28	Seat adapter plate	2
2-240A	29	O-ring BUNA	2
2-261A*	30	Case O-ring (521)	2
2-268A*		Case O-ring (1021)	2
2270	31	1/4" key	2
2949	32	nameplate	1
3442	33	1/4" NPT plug	1
7001-031NC125A	34	Hex head bolt 5/16-18 x 1 1/4" (521)	4
7001-037NC125A		Hex head bolt 3/8-16 x 1 1/4" (1021)	4
7001-037NC125A	35	Hex head bolt 3/8-16 x 1 1/4 (521)	28
7001-037NC125A		Hex head bolt 3/8-16 x 1 1/4" (1021)	32
7001-037NC150A	36	Hex head bolt 3/8-16 x 1 1/2"	8
--	37	Retainer	2
--	38	Seal seat	2
2-227A*	39	Seal seat O-ring	2
2159	40	Lubricap #2	2
1359	41	Lubrication instruction tag	2
7003-004DR0198	42	Round head plated drive screw 4 x 3/16	2
2904-X2		Repair Kit for 521	1
2906-X2		Repair Kit for 1021	1

* Included in repair kit

** Included in rebuild kit, plus all item in repair kit