

POWERPACK 330 PP/RF

Parts Manual : 330RF045
Revision : -
Date : September 2001

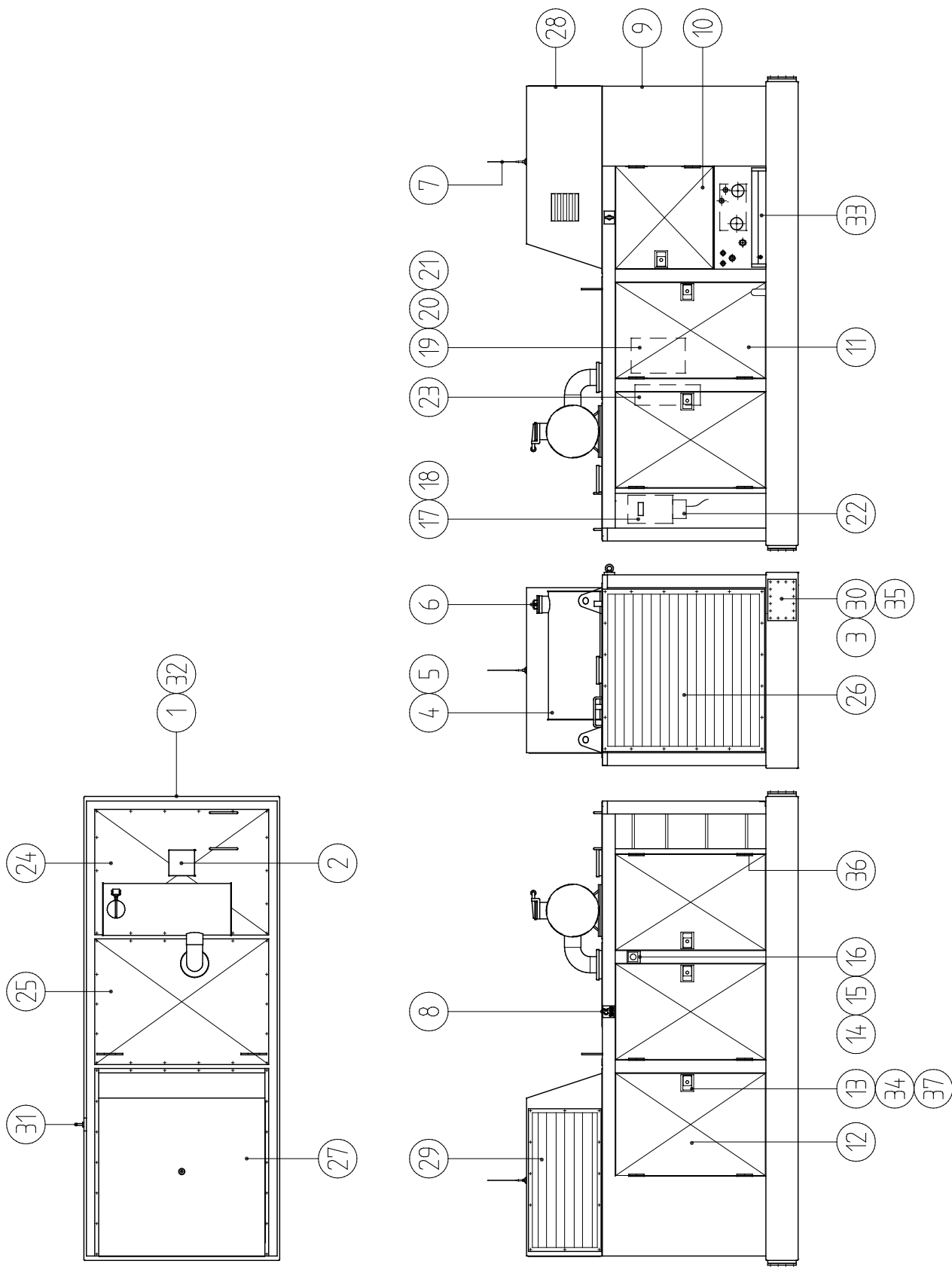
Model : 330RF017
From Machine No. : 33PR0108637 and up

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ENCLOSURE



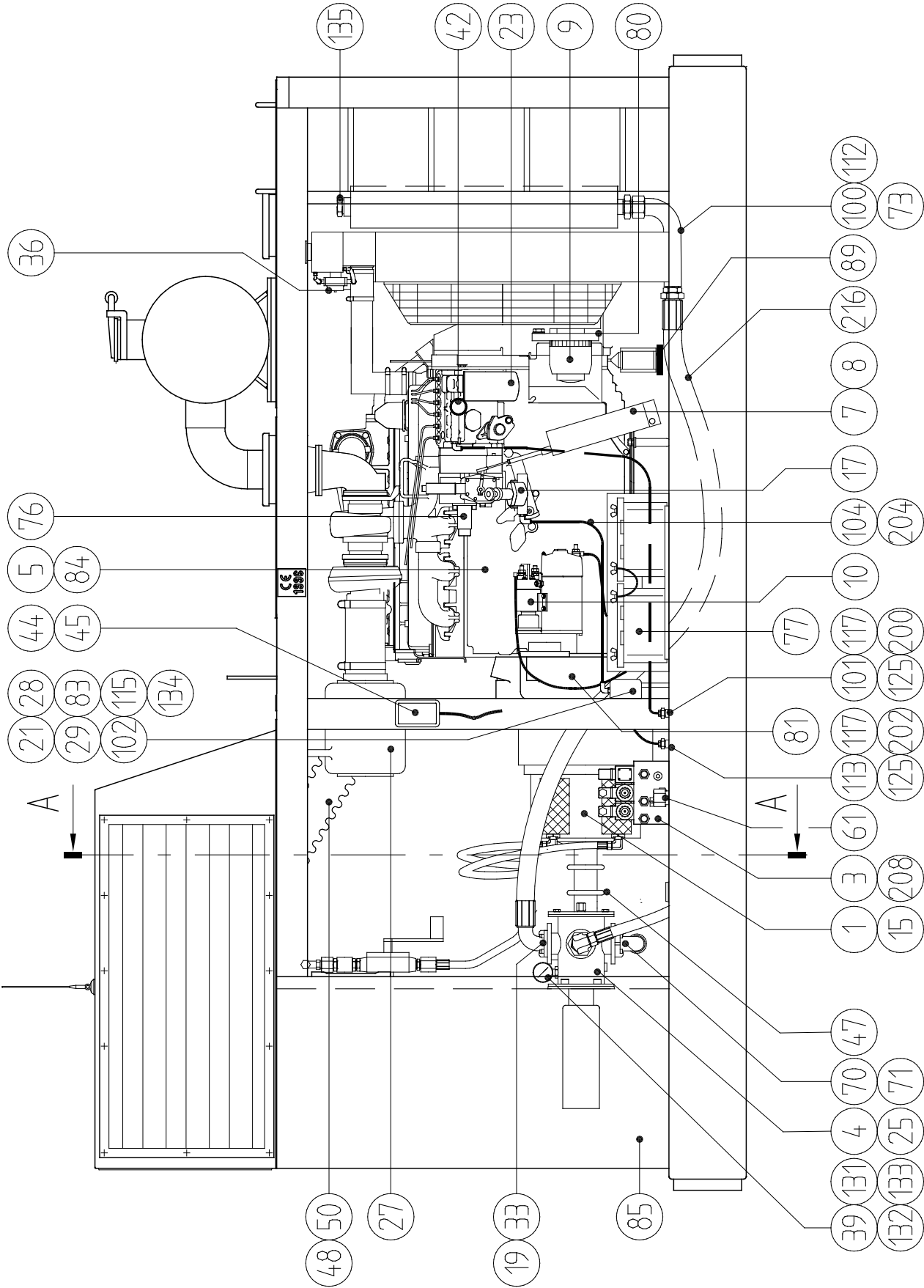
ENCLOSURE

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	1	ASSEMBLY PP 330 RF	9802201
2	1	RADIATOR INSPECTION COVER	9608030
3	2	INSPECTION COVER	9608031
4*	1	EXHAUST SILENCER	9602012
5	1	CLAMP "band"	140.369
6	1	RAIN CAP	140.411
7	1	ANTENNA	9601023
8	1	LOGO "CE"	9412103
9	1	LOGO "ICE" BIG	400.277
10	1	MANIFOLD DOOR	9608032
11	1	CONTROL PANEL DOOR	9608033
12	4	ENGINE DOOR	9608034
13	6	DOORLOCK	790.109
14	1	EMERGENCY-STOP	9407035
15	1	EMERGENCY-STOP BOX	9407036
16	1	PUSH-BUTTON ELEMENT	9407037
17	1	RECEIVER (incl. scanner)	9611030
18	4	SHOCK ABSORBER	9601026
19	1	BATTERY CHARGER BOX	9608035
20	1	BATTERYCHARGER	9611028
21	2	BATTERY	9809013
22	1	CONNECTOR	9601024
23	1	ELECTRICAL BOX	9606006
24	1	TOP PLATE	9608036
25	1	TOP PLATE	9608037
26	1	AIR INLET COVER	9608038
27	1	AIR OUTLET COVER	9608039
28	1	LAMELLA	9608040
29	1	LAMELLA	9608041
30	32	HHCS M10 x 25	9608042
31	1	EYEBOLT M16	9608043
32	1	STICKERS "CE"	9504202
33	1	DRIP PAN	9709021
34	2	DOORLOCK KEY	9802059
35	2	GASKET	9802060
36	12	GREASE FITTING	100.229
37	6	DOORLOCK CILINDER	0006002

*** OPTIONAL**

4	1	EXHAUST SILENCER incl. spark arrestor	9711001
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INTERNAL



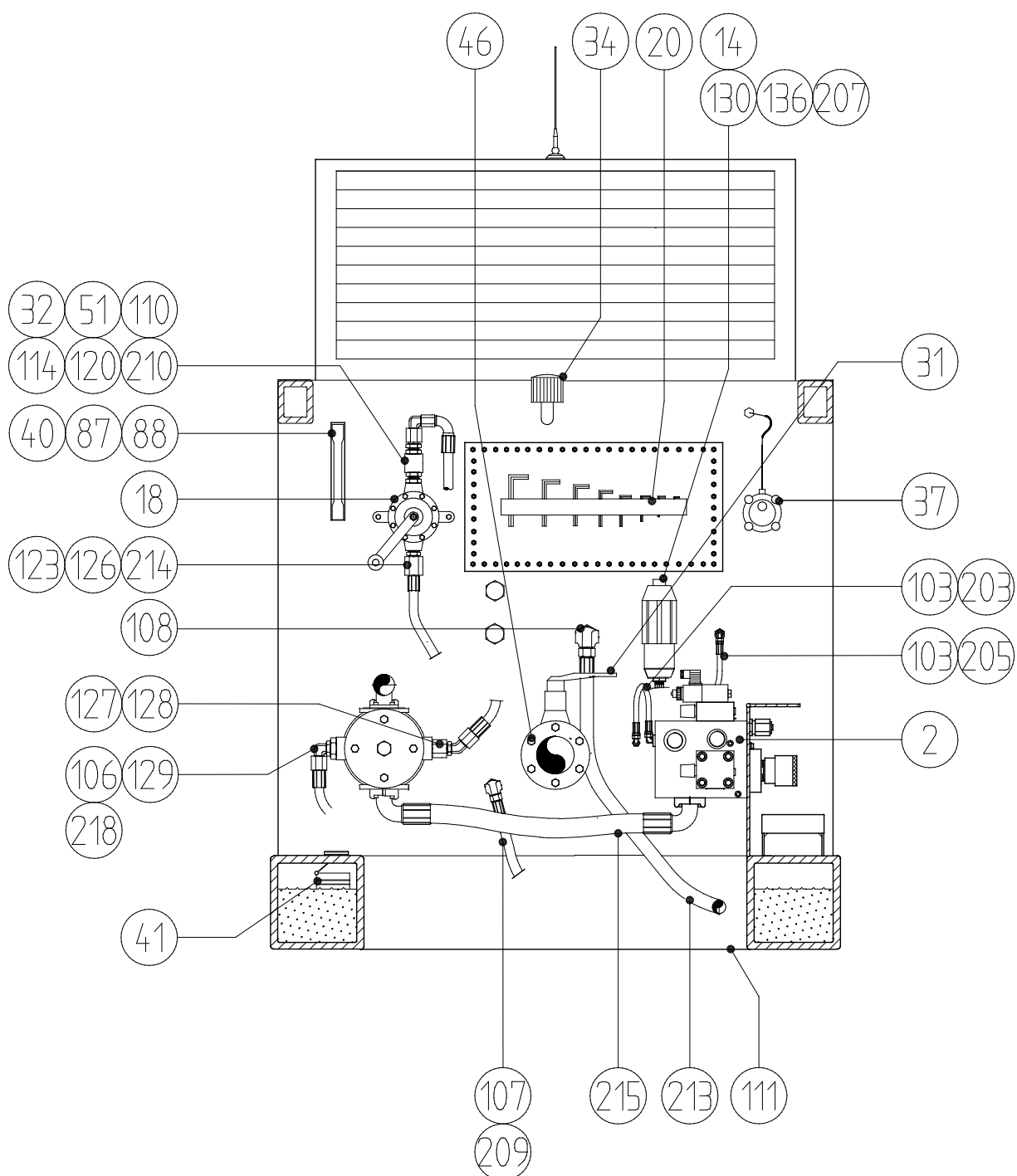
INTERNAL

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	1	DRIVE PUMP ASSEMBLY	-
2	1	DRIVE MANIFOLD ASSEMBLY	0002201
3	1	RF MANIFOLD ASSEMBLY	9508201
4	1	RETURN FILTER ASSEMBLY	9810060
5	1	DIESEL ENGINE CAT 3306 DITA	9604034
6	1	S/N PLATE	9110014
7	1	SERVOMOTOR	790.379
8	1	SERVOMOTOR SUPPORT	791.186
9	1	ALTERNATOR	790.116
10	1	STARTER ENGINE	790.038
11	1	RADIATOR + HEAT EXCHANGER	9604036
12	1	FAN 3306	9601018
13	1	SPACER FOR FAN	9606102
14	1	ACCUMULATOR	810.295
15	1	PUMP	9707007
16	1	OILPRESSURE SENDER	9906009
17	1	MANUAL PUMP	790.000
18	2	MANUAL PUMP	9205012
19	1	SPLITFLANGE KIT #20	100.045
20	1	ALLEN WRENCH SET	100.653
21	1	CLAMP	9611026
22	1	CLAMP PUMP	110.401
23	1	FUEL FILTER	130.429
24	1	PICK-UP FILTER	110.399
25	1	RETURN FILTER ELEMENT	9810061
26	1	OIL FILTER ELEMENT	790.458
27	1	AIR FILTER ELEMENT	790.457
28	1	WATERSEPARATOR ELEMENT	790.373
29	1	WATERSEPARATOR GROUP	790.486
30	1	BALL VALVE	9302012
31	1	BUTTERFLY VALVE - 3"	9404017
32	1	CHECK VALVE	0001008
33	1	O-RING	100.037
34*	1	BREATHER	100.455
35	1	BREATHER	790.524
36	1	COOLANT LEVEL SWITCH	9411019
37	1	FLOAT SWITCH	100.314
38	-	-	-
39	1	FILTER GAUGE	100.775
40	1	FLUID LEVEL TEMP. GAUGE	790.769

*OPTIONAL

34	1	AIRCONDITIONER	9501005
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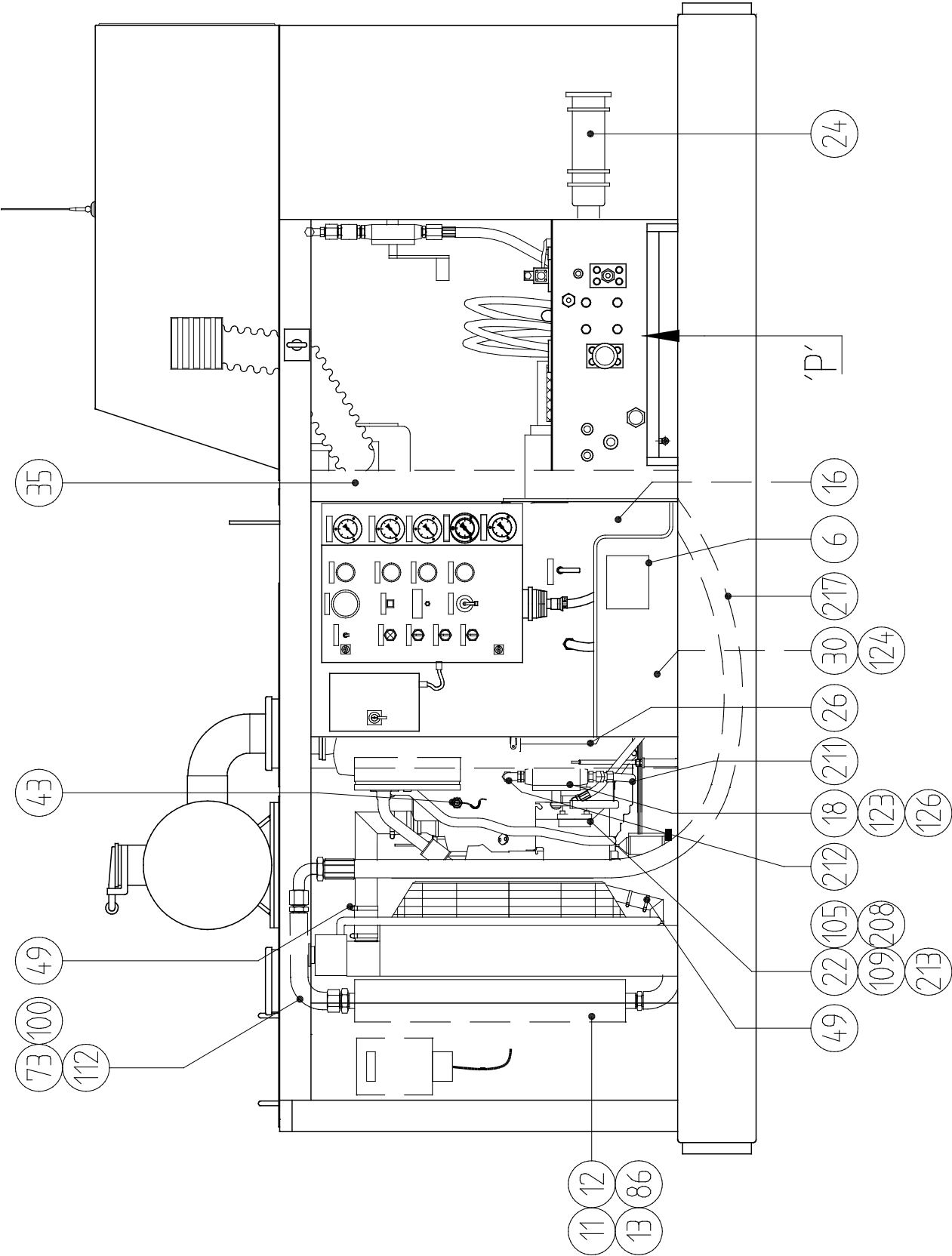
INTERNAL



INTERNAL

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
41	1	FUEL LEVEL GAUGE	790.593
42	1	FUEL PRESSURE GAUGE	9611005
43	1	TEMP. SENDER	9906010
44	1	BULLY	9507005
45	1	BULB	9507006
46	2	WELDING FLANGE	9709048
47	1	FLEXIBLE COUPLING	9802066
48	1	AIR INTAKE TUBE	9605007
49	8	BAND CLAMP - Size 40	9605008
50	2	BAND CLAMP - Size 80	9608046
51	1	BONDED SEAL 3/4" BSP	9411010
52	2	COUPLER ADAPTER 24P	9503104
53	1	COUPLER 3/8"	100.777
54	1	COUPLER 1 1/2"	100.891
55	1	FEMALE COUPLER 3/8"	9404007
56	1	MALE COUPLER 3/8"	9404008
57	1	FEMALE COUPLER 1/2"	9406013
58	1	DISCONNECT 3/4"	400.095
59	1	FEMALE DISCONNECT 1 1/2"	110.692
60	1	MALE DISCONNECT 3/8"	100.245
61	1	FUEL FILL CAP	9608047
62	1	DUST CAP 3/8"	100.257
63	1	DUST CAP 3/8"	9404010
64	1	DUST PLUG	100.895
65	1	DUST PLUG	400.121
66	1	DUST PLUG 3/8"	100.737
67	1	DUST PLUG 3/8"	9404009
68	1	DUST PLUG 1/2"	9406015
69	1	DUST PLUG 1 1/2"	110.957
70	3	SPLITFLANGE KIT #24	100.596
71	3	O-RING #225	110.119
72	-	-	-
73	2	BONDED SEAL 1 1/2" BSP	9205022
74	8	HHCS M16 x 55	9611004
75	8	LOCKWASHER M16	790.088
76	1	FUEL SOLENOID	790.197
77	2	BATTERY	9704002
78	2	O-RING	110.829
79	2	BACK-UP RING	110.980
80	1	V-BELT SET	790.011

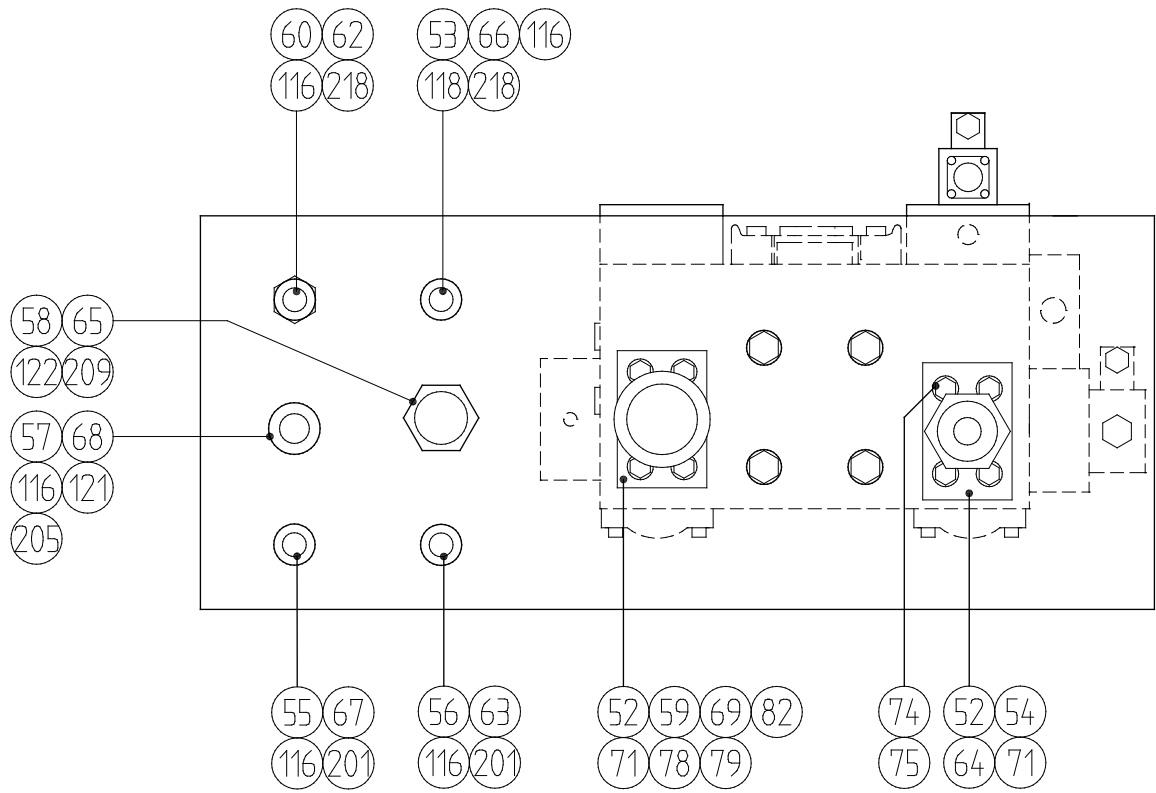
INTERNAL



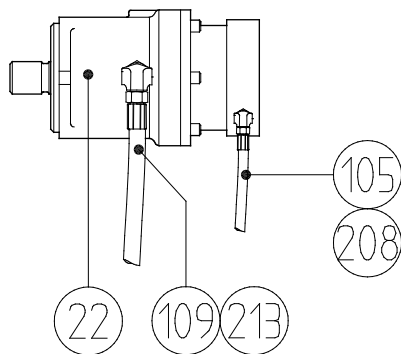
INTERNAL

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
81	1	PICK UP SENDER	790.473
82	1	INSERT KIT	850.067
83	1	BASEPLATE	9611025
84	28	Ltr. ENGINE OIL	9611006
85	1000	Ltr. HYDRAULIC FLUID	100.723
86	15	Ltr. ANTI FREEZE	100.726
87	2	O-RING	110.179
88	2	O-RING #113	140.255
89	4	MOTOR SUPPORT	9907031
100	2	FITT9L-24M52Y	9606011
101	1	FITT2L-04M04P	100.145
102	1	FITT2L-04P06M	100.717
103	2	FITT2L-06M06P	400.227
104	1	FITT2L-06M08R	9410002
105	1	FITT2L-08M08R	100.787
106	1	FITT2L-06S08M	790.739
107	1	FITT2L-12M12P	100.489
108	1	FITT2L-16M16P	120.055
109	1	FITT2L-16M16R	100.783
110	1	FITT2S-12S12P	9501027
111	3	FITT2P-16P	100.063
112	2	FITT9S-24S52A	9308007
113	1	FITT2S-04P06M	130.399
114	1	FITT2S-12M12P	400.187
115	2	FITT2S-04Q05R	9611027
116	5	FITT2S-06B06P	9406017
117	2	FITT2S-06P04Q	110.369
118	1	FITT2S-06Q06Q	110.143
119	-	-	-
120	1	FITT2L-12M12J	100.769
121	1	FITT2S-08P06Q	400.357
122	1	FITT2S-12B12P	100.387
123	3	FITT2S-12M12S	790.804
124	1	FITT2S-13R12P	9306001
125	2	FITT2S-16P06Q	100.715
126	2	FITT2C-12Q000	790.979
127	1	FITT2L-12M12S	790.636
128	1	FITT2S-12G16S	9810026
129	1	FITT2S-06G16S	9906011
130	1	ADAPTER	790.441
131	1	FITT2S-02P04S	9203017
132	1	FITT2L-02Q02Q	9508002
133	1	INDICATOR ADAPTOR	9906015
134	1	FITT2P-08R	9301005
135	1	FITT2P-24S	9607007
136	1	FITT2V04P06M	9501038

INTERNAL



VIEW 'P'



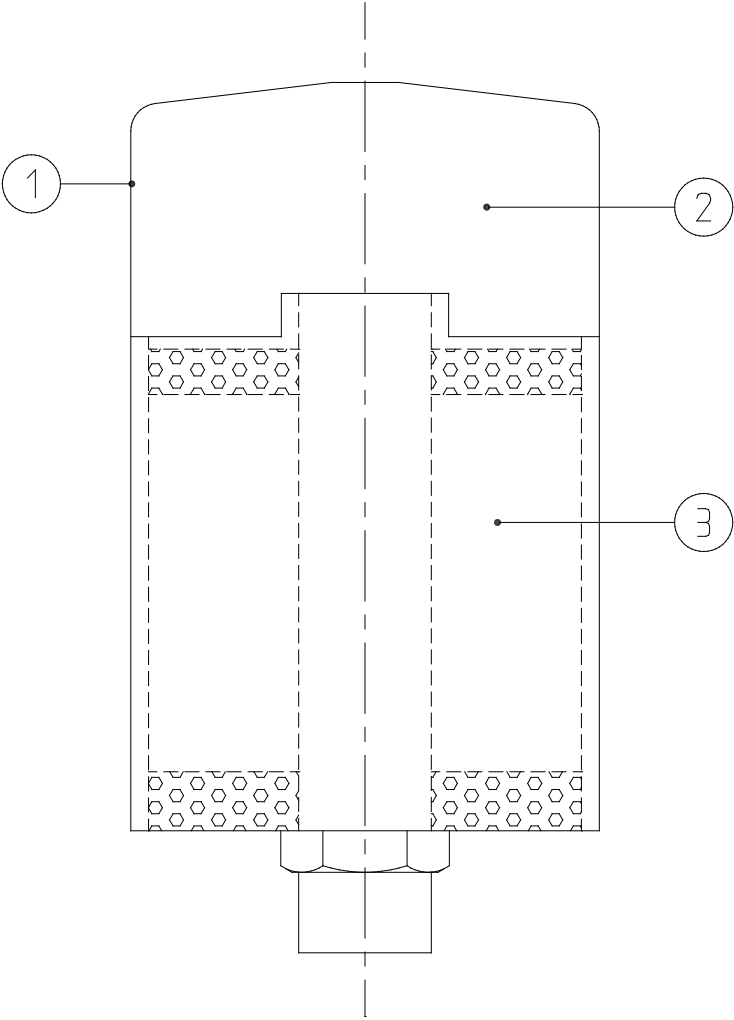
VIEW 'Q'

INTERNAL

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
200	1	HOSE019R01J004J004L05900	9507019
201	1	HOSE038R02J006J906L04050	9601014
202	1	HOSE038R01J006J006L01400	9611003
203	1	HOSE038R01J006J006L02200	110.720
204	1	HOSE038R01J006J006L03940	9507018
205	1	HOSE038R02J006J006L05900	9507030
206	2	HOSE038R02J006J906L04750	0106014
207	1	HOSE038R02J006J006L04350	0011036
208	1	HOSE050R02J008J908L06400	140.343
209	1	HOSE075R01J012J912L04950	9811038
210	1	HOSE075R01J012P012L04750	0002020
211	1	HOSE075R01P012J012L02400	9607010
212	1	HOSE075R01P012J912L06000	9302010
213	1	HOSE100R01J016J016L10300	9509004
214	1	HOSE075R01J012J912L03500	0002021
215	1	HOSE150R02F924F924L03430 - 0°	9507016
216	1	HOSE150R02F920J024L09100	9912005
217	1	HOSE150R02F924J924L11300 - 180°	9607014
218	1	HOSE050R01J008J408L02200	0002019

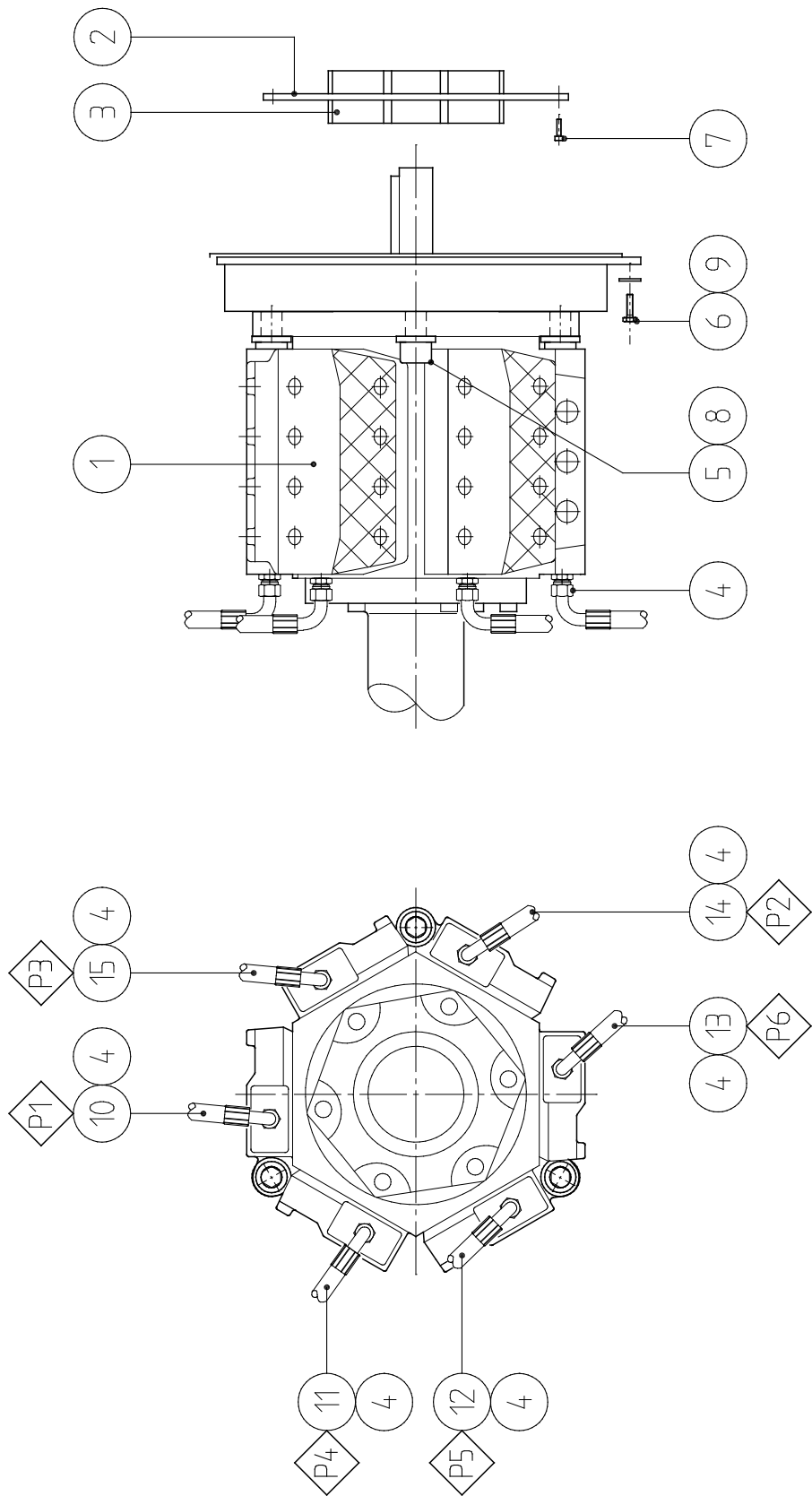
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INTERNAL



<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	1	AIRCONDITIONER (COMPLETE)	9501005
2	1	AIRFILTER	0003015
3	1	SILICAGEL (1000cc)	0003016

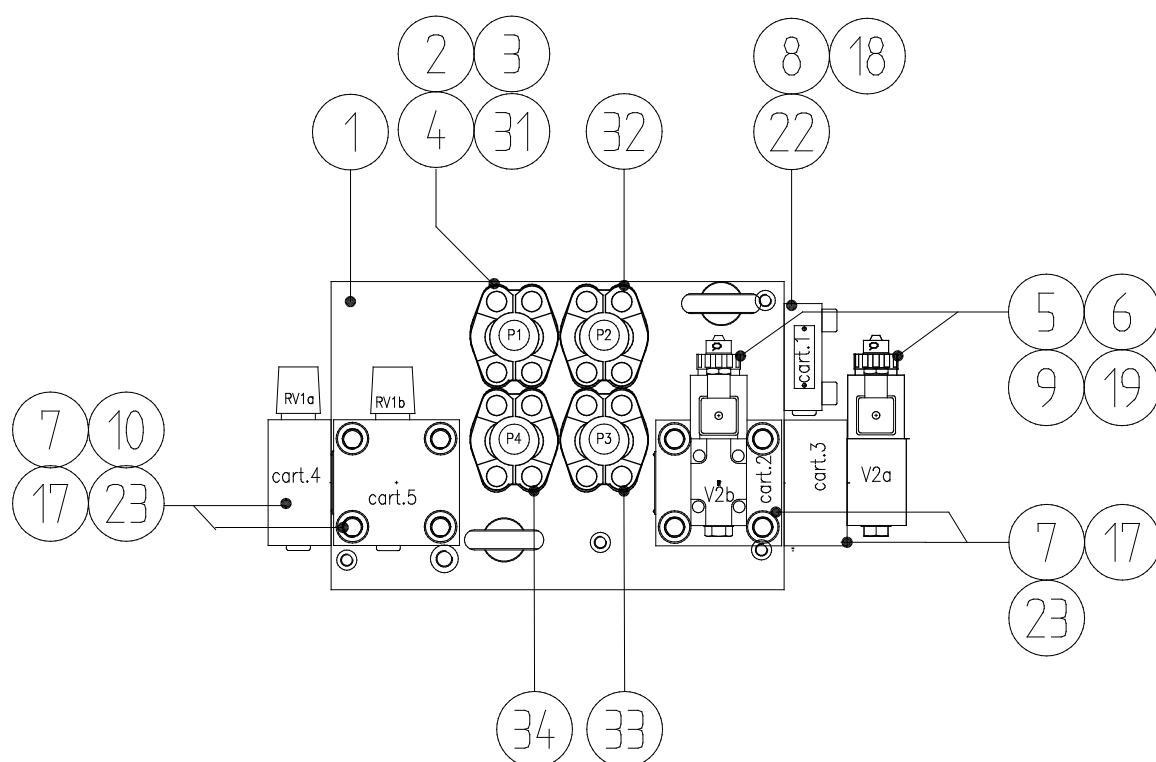
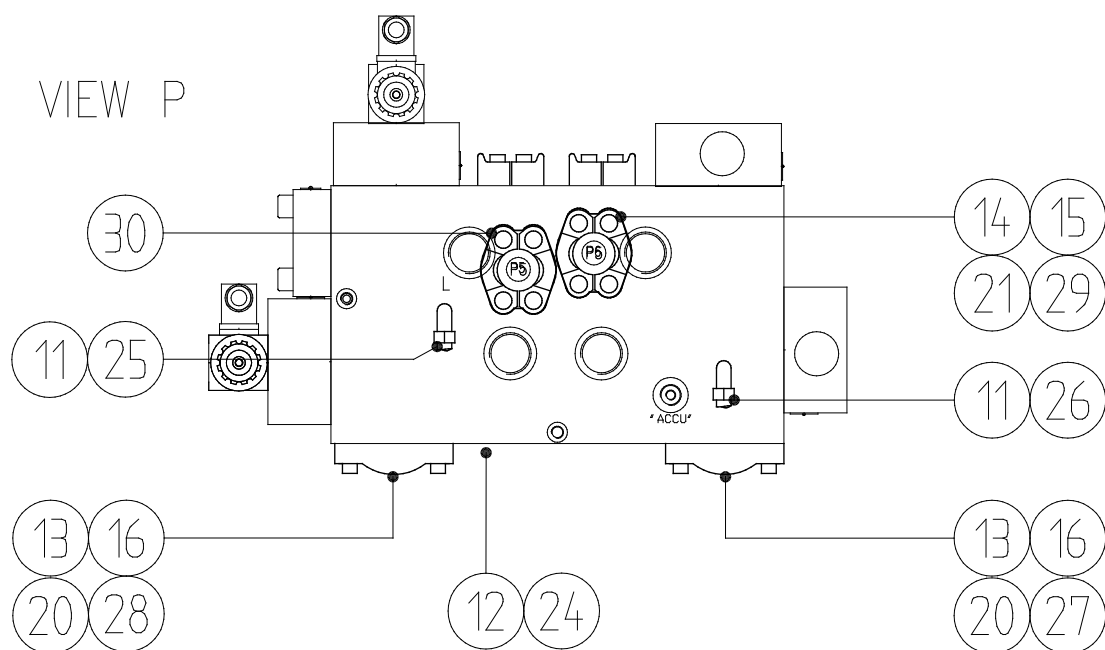
DRIVE PUMP ASSEMBLY



DRIVE PUMP ASSEMBLY

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	1	DRIVE PUMP	9707007
2	1	DRIVE COUPLING	9707008
3	4	COUPLING INSERT	9406004
4	6	FITT9S-12S36C	9711005
5	3	HHCS M16 x 50	9111006
6	12	SHCS 7/16" - 14 x 1½"	100.125
7	8	SHCS ½" - 13 x 1"	100.445
8	3	LOCKWASHER M16	790.088
9	12	LOCKWASHER 7/16"	100.443
10	1	HOSE075PT4H016Y936L03550	0011040
11	1	HOSE075PT4H016Y936L03950	0011037
12	1	HOSE075PT4H712Y936L03000	9802016
13	1	HOSE075PT4H712Y936L03660	9802015
14	1	HOSE075PT4H016Y936L04900	0011039
15	1	HOSE075PT4H016Y936L04350	0011038

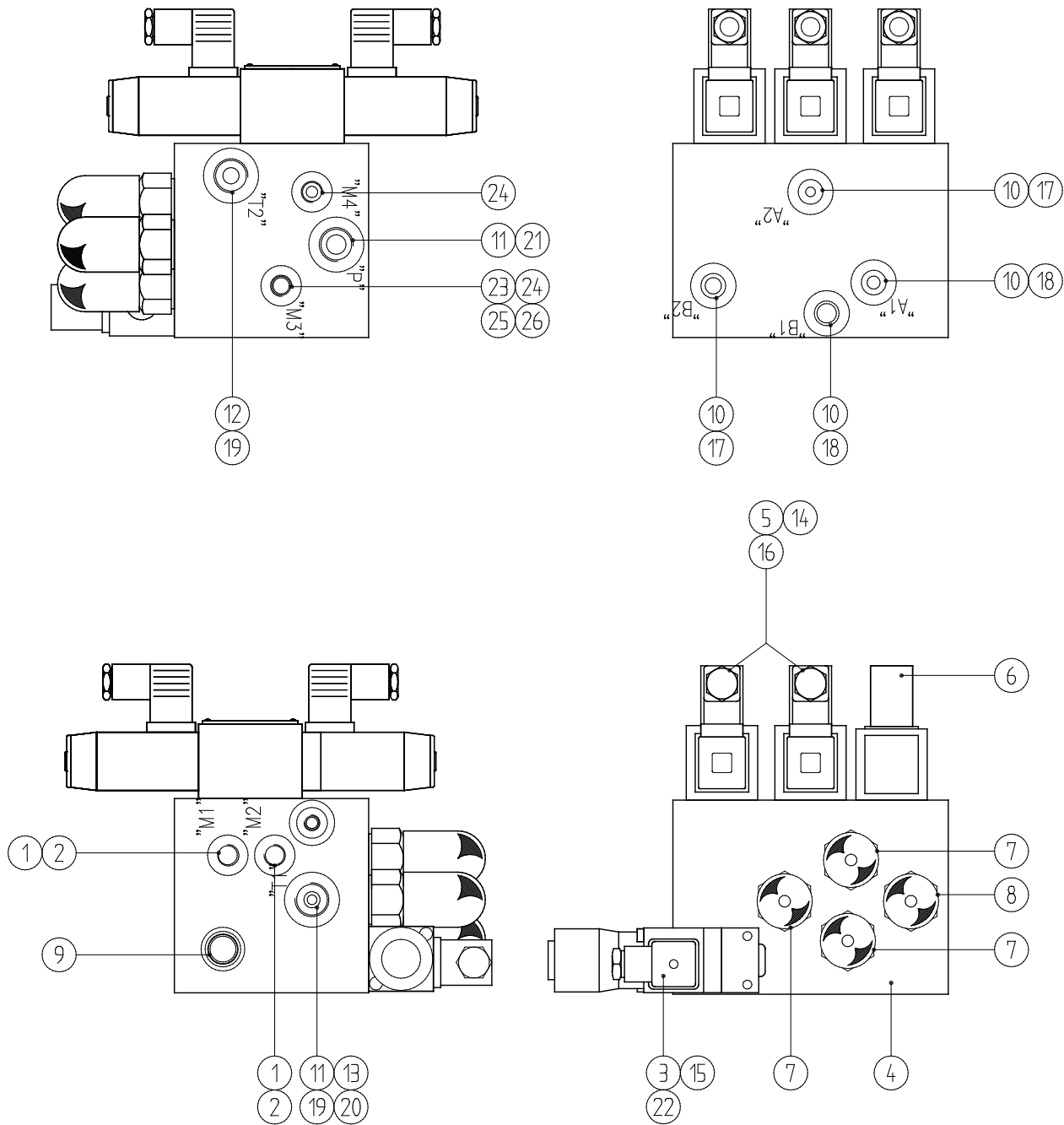
DRIVE MANIFOLD ASSEMBLY



DRIVE MANIFOLD ASSEMBLY

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	1	DRIVE MANIFOLD	0002201
2	4	SPLIT FLANGE KIT #16	100.927
3	4	O-RING #219	100.091
4	16	SHCS M12 x 40	100.505
5	8	O-RING	0011043
6	2	PIN BUSHING (3 PINS)	9203015
7	4	CARTRIDGE (cart. 2/3/4/5)	9611013
8	1	CARTRIDGE (cart. 1)	9611018
9	2	CONTROL VALVE (V2a/V2b)	9611016
10	2	RELIEF VALVE (RV1a/RV1b)	9611014
11	2	FITT2L-06S06M	9602007
12	2	MEASURE COUPLING - 1/4" BSP (MP1/2)	790.909
13	2	SPLIT FLANGE KIT #24 (3000 psi)	100.596
14	2	SPLIT FLANGE KIT #12 (6000 psi)	140.467
15	2	O-RING #214	100.097
16	2	O-RING #225	110.119
17	4	SEALKIT	9611201
18	1	SEALKIT	9611202
19	8	SHCS M5 x 50	790.500
20	8	SHCS M12 x 30	110.635
21	8	SHCS M10 x 30	790.066
22	4	SHCS M12 x 50	100.527
23	16	SHCS M16 x 60	790.085
24	2	MEASURE HOSE (MP1/MP2)	9607008
25	1	HOSE038R01J006J006L02200	110.720
26	1	HOSE038R02J006J006L04350	0011036
27	1	HOSE150R02F924J924L11300	9607014
28	1	HOSE150R02F924F924L03430	9507016
29	1	HOSE075PT4H712Y936L03660	9802015
30	1	HOSE075PT4H712Y936L03000	9802016
31	1	HOSE075PT4H016Y936L03550	0011040
32	1	HOSE075PT4H016Y936L04900	0011039
33	1	HOSE075PT4H016Y936L04350	0011038
34	1	HOSE075PT4H016Y936L03950	0011037

RF MANIFOLD ASSEMBLY



RF MANIFOLD ASSEMBLY

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
1	2	MEASURE COUPLING	790.909
2	2	MEASURE HOSE	9607009
3	1	PRESSURE SWITCH (PS1)	9611020
4	1	CLAMP / RF MANIFOLD	9508201
5	2	4/3 VALVE (V1,4)	9501039
6	1	4/2 VALVE (V5)	9501040
7	3	RELIEF VALVE (RV2,4,5)	9611022
8	1	RELIEF VALVE (RV6)	0004015
9	1	CHECK VALVE (CV1)	9607023
10	4	FITT2S-06M06S	795.087
11	2	FITT2S-08S08M	794.142
12	1	FITT2L-08M08S	9304012
13	1	FITT2T-08M08M08J	790.660
14	12	SHCS M5X50	790.500
15	2	SHCS M5X55	9611021
16	5	PIN BUSHING (3 PINS)	9203015
17	2	HOSE038R02J006J906L04050	9601014
18	2	HOSE038R02J006J906L04750	0106014
19	1	HOSE050R01J008J008L01900	0002022
20	1	HOSE050R01J008J408L02200	0002019
21	1	HOSE050R02J008J906L06400	140.343
22	1	PIN BUSHING (4 PINS)	0105013
23	1	SEQUENCE VALVE (SV1)	9305001
24	2	FITT9S-04S16C	9507007
25	1	MEASURE COUPLING	9507008
26	1	MEASURE HOSE	9609039

CONNECTION OF HYDRAULIC HOSES

INTERNAL

<u>ITEM</u>	<u>FROM</u>	<u>TO</u>	<u>Part. No.</u>
200	FUEL TANK	ENGINE	9507019
201	RF MANIFOLD (A2, B2)	COUPLING (QD6, 7)	9601014
202	FUEL TANK	WATERSEPARATOR	9611003
203	MANIFOLD (L)	TANK	110.720
204	WATERSEPARATOR	ENGINE	9507018
205	COUPLING (QD8)	TANK	9507030
206	RF MANIFOLD (A1, B1)	COUPLING (QD3, 4)	0106014
207	MANIFOLD (ACC)	ACCUMULATOR	0011036
208	CLAMP PUMP	RF MANIFOLD (P)	140.343
209	LEAK OIL COUPLING (QD5)	TANK	9811038
210	MANUAL PUMP (HYDRAULIC)	FILTER HOUSING (RIGHT)	0002020
211	ENGINE	MANUAL PUMP	9607010
212	MANUAL PUMP	END CAP	9302010
213	TANK	CLAMP PUMP	9509004
214	MANUAL PUMP (HYDRAULIC)	END CAP	0002021
215	MANIFOLD (T)	FILTER HOUSING (BOTTOM)	9507016
216	COOLER (BOTTOM RIGHT)	FILTER HOUSING (TOP)	9912005
217	COOLER (TOP LEFT)	MANIFOLD (C)	9607014

DRIVE PUMP

<u>ITEM</u>	<u>FROM</u>	<u>TO</u>	<u>Part. No.</u>
10	PUMP (P1)	MANIFOLD (P1)	0011040
11	PUMP (P4)	MANIFOLD (P4)	0011037
12	PUMP (P5)	MANIFOLD (P5)	9802016
13	PUMP (P6)	MANIFOLD (P6)	9802015
14	PUMP (P2)	MANIFOLD (P2)	0011039
15	PUMP (P3)	MANIFOLD (P3)	0011038

CONNECTION OF HYDRAULIC HOSES

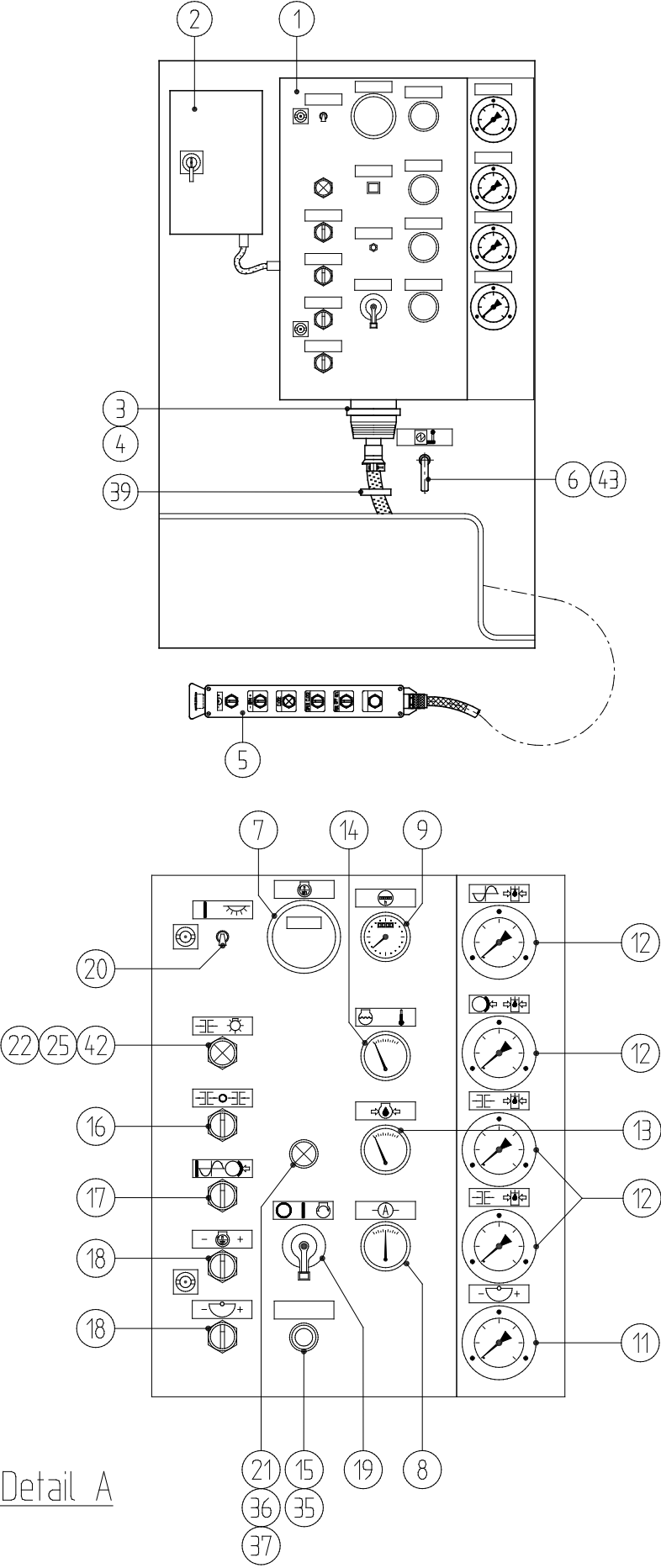
DRIVE MANIFOLD

<u>ITEM</u>	<u>FROM</u>		<u>TO</u>		<u>Part. No.</u>
24	MANIFOLD	(MP1, MP2)	MANOMETER	(GA3, 4)	9607008
25	MANIFOLD	(L)	TANK		110.720
26	MANIFOLD	(ACC)	ACCUMULATOR		0011036
27	MANIFOLD	(C)	COOLER	(TOP LEFT)	9607014
28	MANIFOLD	(T)	TANK		9507016

RF MANIFOLD

<u>ITEM</u>	<u>FROM</u>		<u>TO</u>		<u>Part. No.</u>
2	MANIFOLD	(MP1, MP2)	MANOMETER	(GA1, 2)	9607009
17	MANIFOLD	(A2, B2)	COUPLING	(QD6, 7)	9601014
18	MANIFOLD	(A1, B1)	COUPLING	(QD3, 4)	0106014
19	MANIFOLD	(T)	MANIFOLD	(T1)	0002022
21	CLAMP PUMP		MANIFOLD	(P)	140.343
26	MANIFOLD	(MP3, MP4)	MANOMETER	(GA5)	9609039
26	MANIFOLD	(T1)	FILTERHOUSING	(LEFT)	0002019

CONTROL PANEL

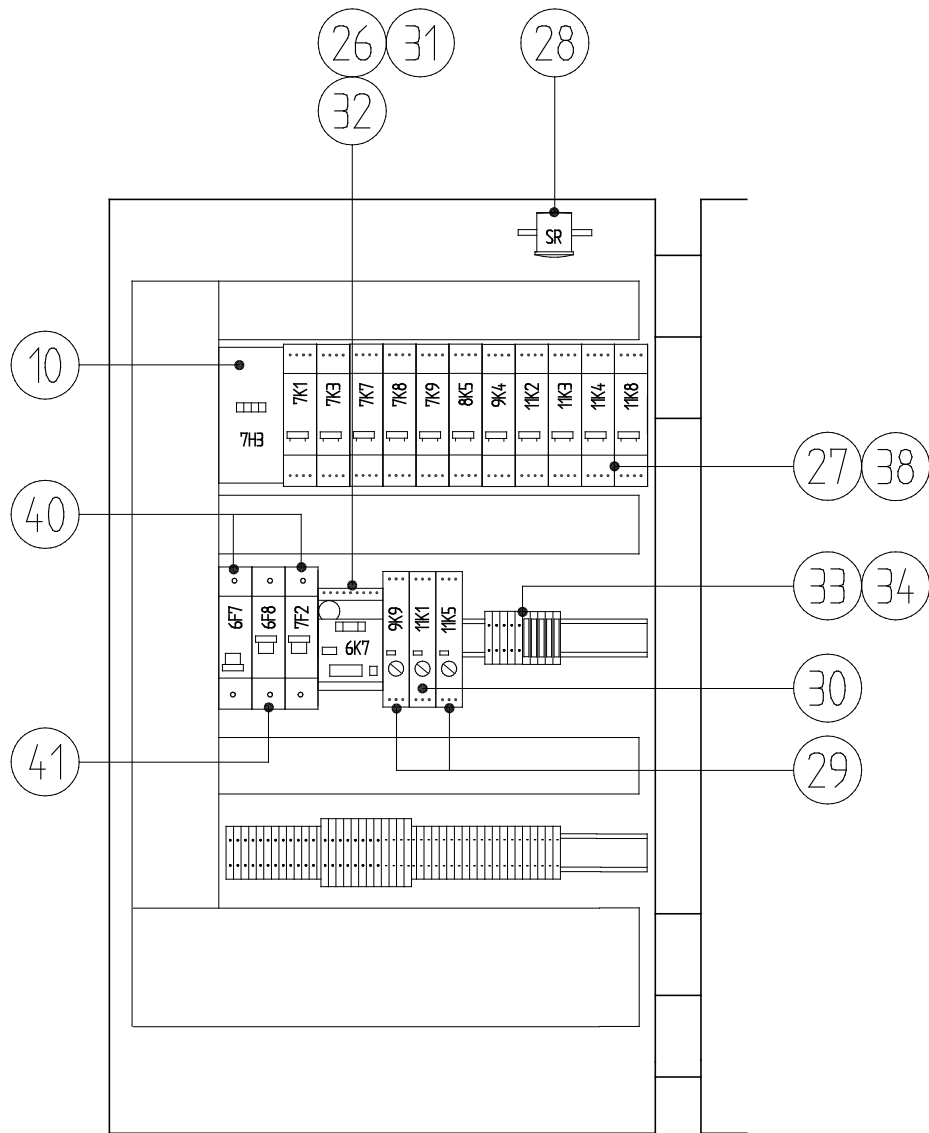


Detail A

CONTROL PANEL

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part. No.</u>
1	1	CONTROL PANEL BOX	9608049
2	1	BATTERY CHARGER BOX	9608035
3	1	FEMALE COUPLER HOUSING (16 Pins)	9408009
4	1	PLUG FEMALE (16 Pins)	9408010
5	1	PENDANT	9912202
6	1	EARTH SWITCH	790.924
7	1	TACHOMETER	790.938
8	1	AMPÈREMETER (60 A)	110.371
9	1	HOUR METER (12 V)	130.249
10	1	HOUR COUNTER	9606002
11	1	PRESSURE GAUGE (1 - 250 bar)	9507012
12	4	PRESSURE GAUGE (1 - 600 bar)	9507013
13	1	OIL PRESSURE GAUGE (0 - 7 bar)	9906007
14	1	TEMP. GAUGE	9906008
15	1	RESET BUTTON	0001004
16	1	SWITCH "clamp"	9810046
17	1	SWITCH "for/rev"	9810055
18	2	SWITCH "rpm"	9810056
19	1	SWITCH "start"	130.259
20	1	SWITCH "toggle"	9504004
21	1	BULB	9506053
22	1	LENS "clear"	9810048
23	-	-	-
24	-	-	-
25	1	CLAMP LIGHT	9810047
26	1	RELAY	9204016
27	11	RELAY	9411024
28	1	RELAY "start"	790.514
29	2	RELAY "time"	9111027
30	1	RELAY "time"	9411021
31	1	RELAY MOUNTING PLATE	9204017
32	1	COMAT TIMER	9204018
33	6	DIODE	100.413
34	6	DIODE SUPPORT	9406022
35	1	PUSH BUTTON ELEMENT	0001003
36	1	ALARM LIGHT	0001005
37	1	LENS	0001006
38	11	RELAY MOUNTING PLATE	9411023
39	1	CLAMP	9511007
40	2	CIRCUIT BREAKER (10 A)	9711032
41	1	CIRCUIT BREAKER (25 A)	9711031
42	1	BULB	9810062
43	1	EARTH SWITCH KEY	9705002

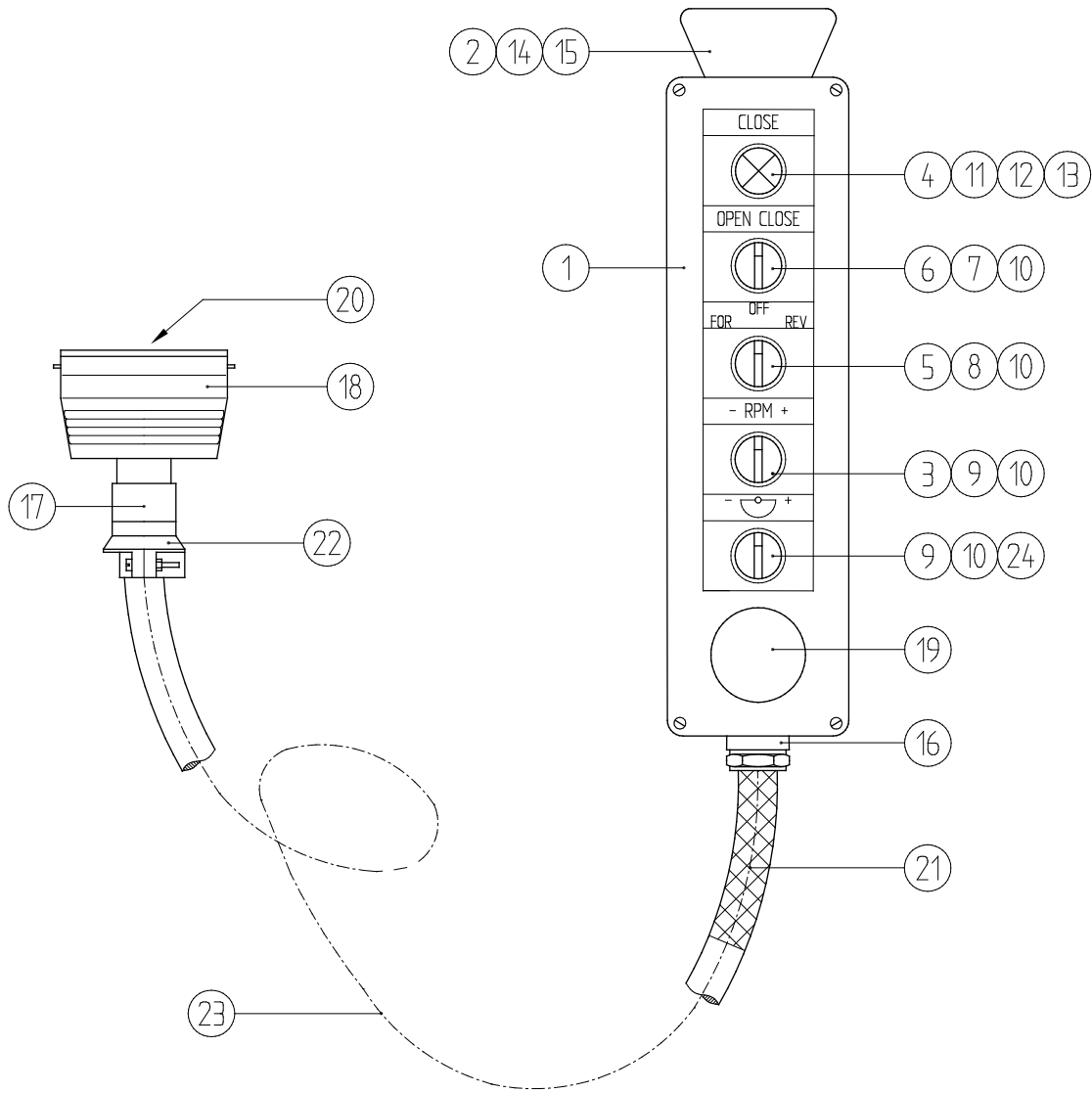
CONTROL PANEL - INSIDE



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PENDANT

9912202



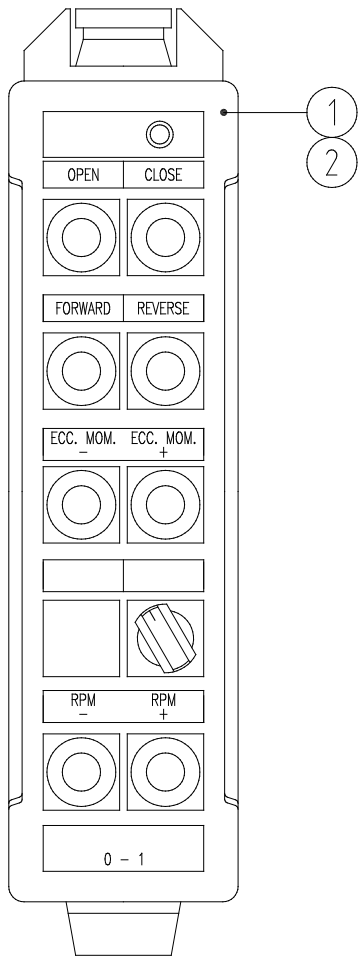
PENDANT

<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No</u>
1	1	PENDANT BOX	9810058
2	1	PROTECTIVE GUARD	9410001
3	1	NAMEPLATE "- / RPM / +"	790.973
4	1	NAMEPLATE "CLOSE"	100.403
5	1	NAMEPLATE "FORW. / OFF / REV."	130.157
6	1	NAMEPLATE "OPEN / CLOSE"	100.401
7	1	SWITCH "CLAMP"	9810046
8	1	SWITCH "FORW. / REV."	9810055
9	2	SWITCH "RPM"	9810056
10	5	CONTACT BLOCK	9810054
11	1	LENS "clear"	9810048
12	1	BULB (24 V)	9810062
13	1	CLAMP LIGHT (24 V)	9810047
14	1	EMERGENCY STOP ELEMENT	9405003
15	1	EMERGENCY STOP BUTTON	9405004
16	1	CONDUIT ADAPTER	9912102
17	1	REDUCING ADAPTER	9410003
18	1	MALE COUPLER HOUSING	9408007
19	1	BLIND PLUG	790.074
20	1	PLUG (16 pins)	9408008
21	1	STRAINRELIEF	100.371
22	1	STRAINRELIEF	9306007
23	15	mtr. PENDANT CABLE	9110021
24	1	NAMEPLATE " ECC. MOMENT -/+ "	9810052

PENDANT

9809203

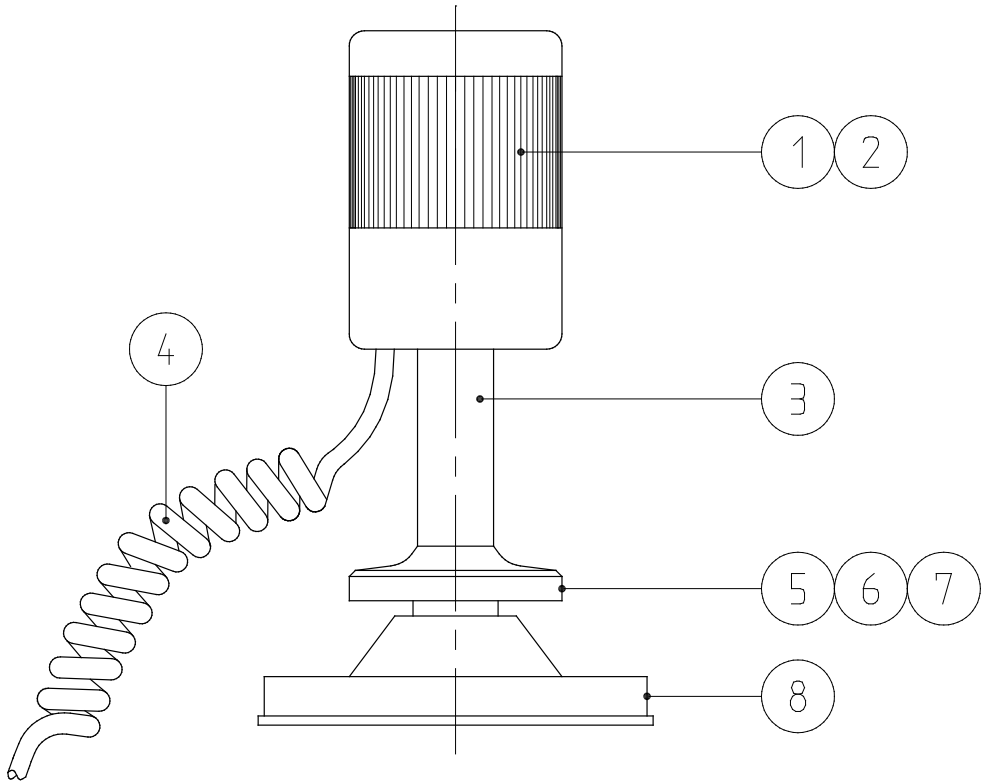
Note: required on units with Part no. **33PR980815** and up



<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part. No.</u>
1	1	TRANSMITTER	9809014
	1	RECEIVER	9611030
	1	BATTERY CHARGER	9611028
	2	BATTERY	9809013
2	1	PROTECTION COVER	9809015
	1	ADAPTER / BATTERY	9809016

MAGNETIC CLAMP LIGHT (COMPLETE)

9805202

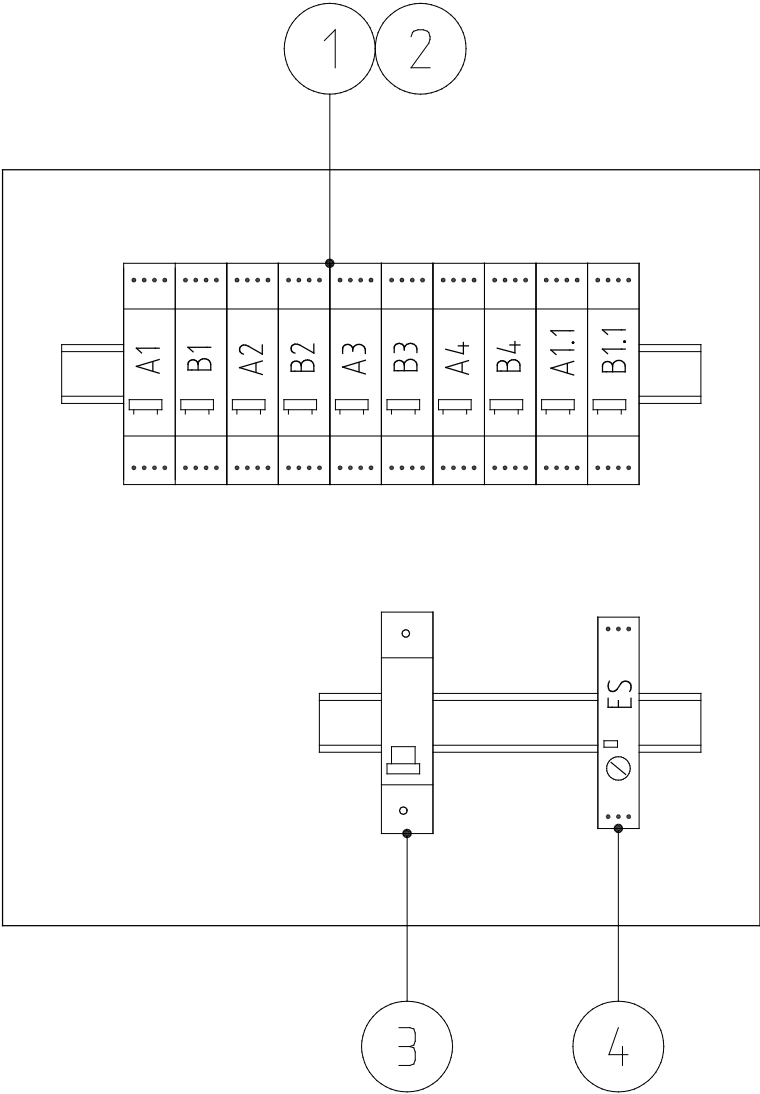


<u>ITEM</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part. No.</u>
1	1	ELEMENT	9805027
2	1	BULB	9805028
3	1	TUBE	9805023
4	1	SPIRAL CABLE	9805030
5	1	GASKET	9805024
6	1	GASKET	9805025
7	1	PEDESTAL	9805026
8	1	MAGNET	9805029

(24 V)

RELAY BOX - RADIO CONTROL (COMPLETE)

9805203

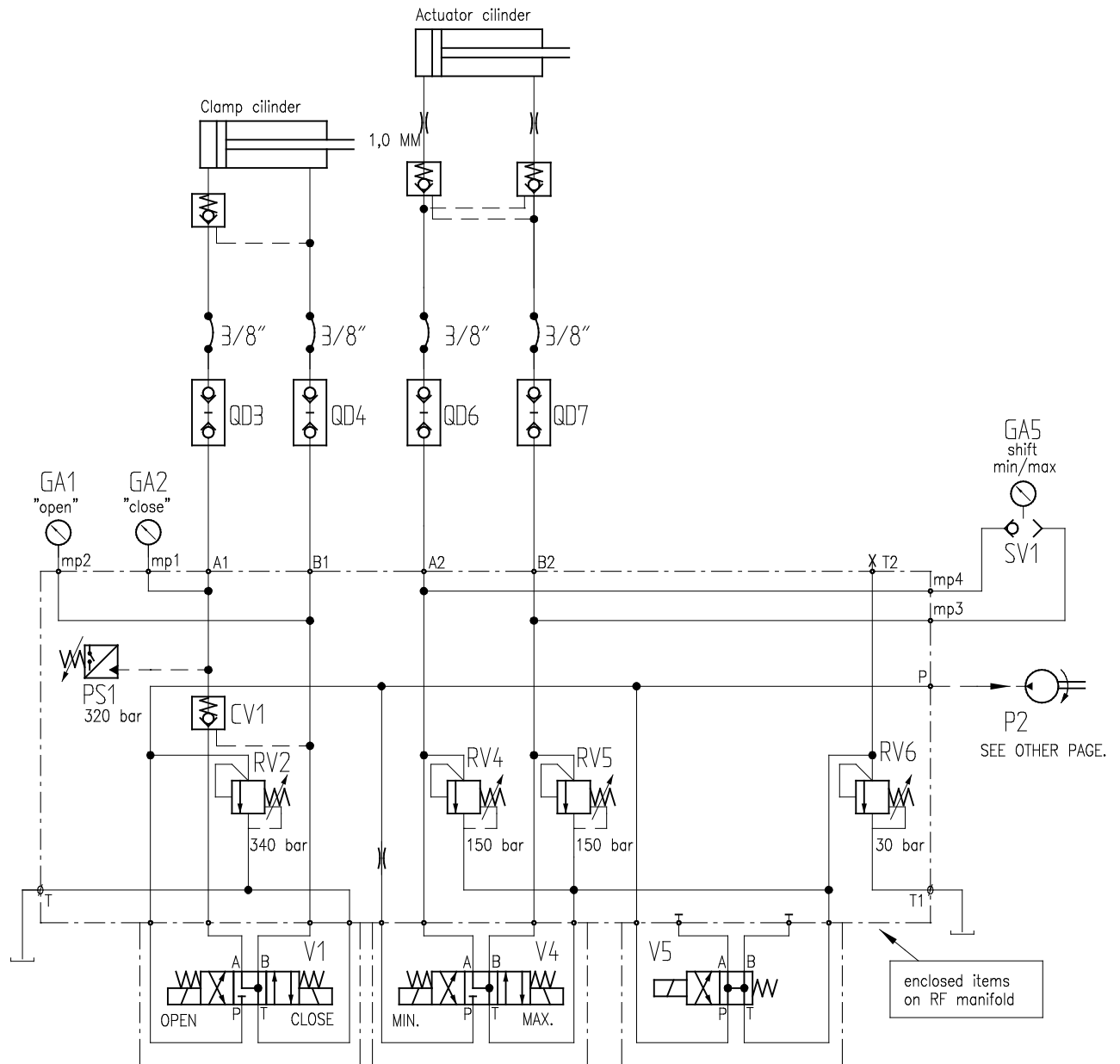


ITEM	QTY	DESCRIPTION	Part. No.
1	10	RELAY	9411024
2	10	RELAY MOUNTING PLATE	9411023
3	1	CIRCUIT BREAKER (10 A)	9711032
4	1	TIME RELAY	9411021

REMOTE CONTROLS - TERMINAL WIRING CHART (new model)

PLUG (16 pins)	CABLE NO. (16 wires)	DESCRIPTION	POWER PACK MODELS		
			330 PP/RF	400 PP/RF 500 PP/RF 700 PP/RF 900 PP/RF	1200 PP/RF
1	1	+	32	51	113
2	2	+		52	
3	3	STOP SOLENOID		18	173
4	4	START/FORWARD SOLENOID	4	17	120
5	5	-	1	1	1
6	6	TO CLAMP LIGHT	7	16	136
7	7	TO CLOSE SOLENOID	8	12	134
8	8	TO OPEN SOLENOID	10	15	132
9	-	CONNECT TO 10	5	4	102
10	-	CONNECT TO 9	33	58	112
11	11	TO SERVOMOTOR (MAX)	41	71	139
12	12	TO SERVOMOTOR (MIN)	42	70	137
13	13	EMERGENCY STOP	49	64	111
14	14	TO SHIFT (MAX)	50	72	130
15	15	TO SHIFT (MIN)	51	73	129
16	16	REVERSE SOLENOID	13		

HYDRAULIC CIRCUITRY - RF MANIFOLD



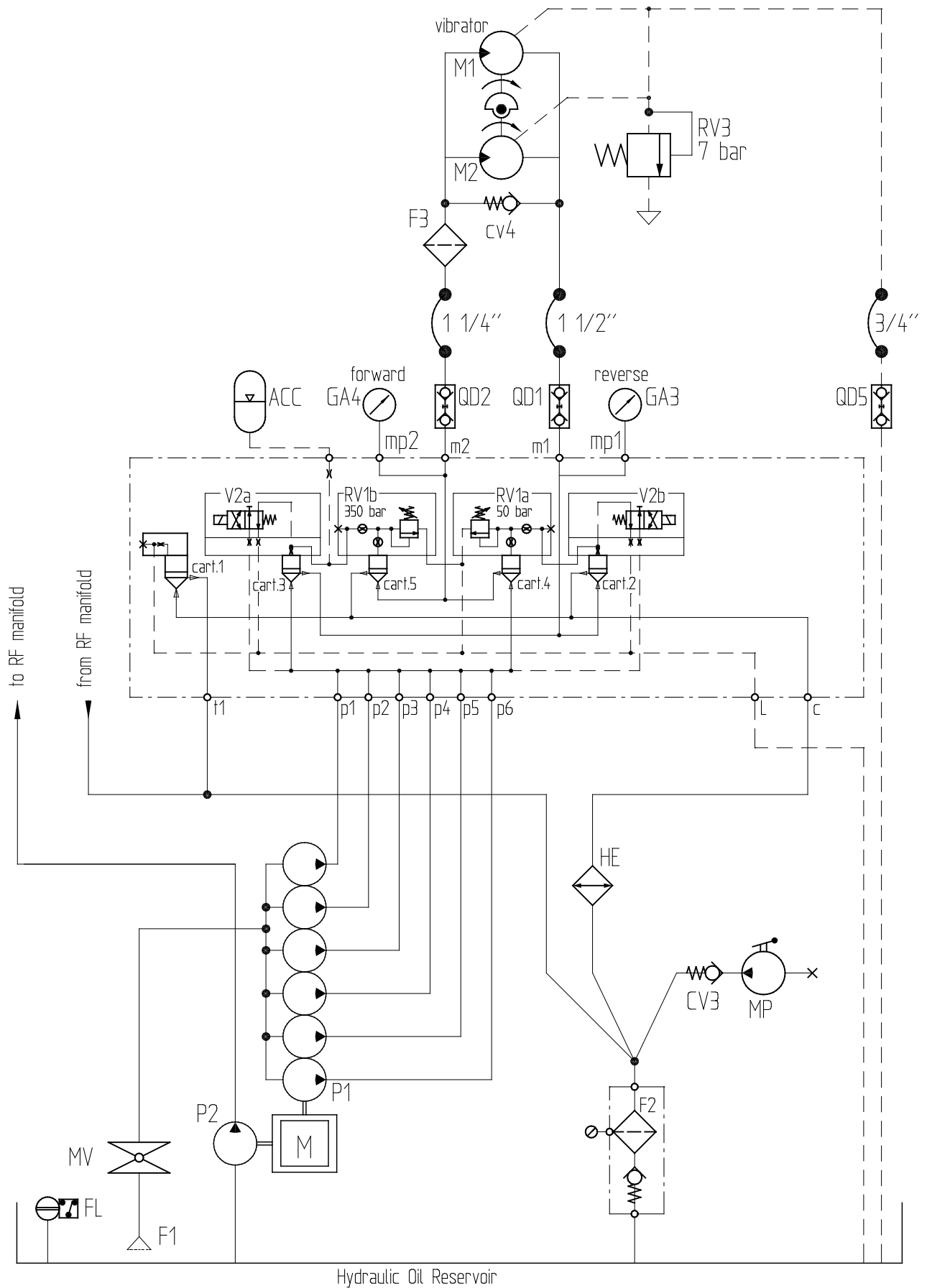
HYDRAULIC CIRCUITRY - RF MANIFOLD

RF MANIFOLD ASSEMBLY

9508201

<u>REFERENCE</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
CV1	1	CHECK VALVE	9607023
GA1,2	2	GAUGE	9507013
GA5	1	GAUGE	9507012
PS1	1	PRESSURE SWITCH	9611020
QD3,4	2	QUICK DISCONNECT	100.245 / 100.777
QD6,7	2	QUICK DISCONNECT	9404007 / 9404008
RV2,4,5	3	RELIEF VALVE	9611022
RV6	1	RELIEF VALVE	0004015
SV1	1	SEQUENCE VALVE	9305001
V1,4	2	4/3 VALVE	9501039
V5	1	4/2 VALVE	9501040

HYDRAULIC CIRCUITRY - DRIVE MANIFOLD



HYDRAULIC CIRCUITRY - DRIVE MANIFOLD

DRIVE MANIFOLD ASSEMBLY

0002201

<u>REF.</u>	<u>QTY</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
ACC.	1	ACCUMULATOR (107 BAR)	810.295
CART. 1	1	2/2 CARTRIDGE	9611018
CART. 2-5	4	2/2 CARTRIDGE	9611013
CV3	1	CHECK VALVE MP	0001008
F1	1	PICK-UP FILTER	110.399
F2	1	RETURN FILTER	9810060
FL	1	FLUID LEVEL SWITCH	100.314
GA3,4	2	GAUGE (0-600 BAR)	9507013
HE	1	OILCOOLER	400.099
MP	1	MANUAL PUMP	9205012
MV	1	MANUAL VALVE	9404017
P1	1	DRIVE PUMP	9707007
P2	1	CLAMP PUMP	110.401
QD1	1	QUICK DISCONNECT	100.891 / 100.897
QD2	1	QUICK DISCONNECT	110.690 / 110.692
QD5	1	QUICK DISCONNECT	400.095 / 400.251
RV1a	1	BRAKE VALVE (50 BAR)	9611014
RV1b	1	RELIEF VALVE (340 BAR)	9611014
V2a,b	2	CONTROL VALVE	9611016

ELECTRICAL CIRCUITRY

ELECTRICAL COMPONENTS LIST

<u>REFERENCE</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
ALT	ALTERNATOR	790.116
D1,2,3,4,5,6	DIODE	100.413
SM	START MOTOR	790.038
SR	START RELAY	790.514
Y2,3	CONTROL VALVE	9611016
Y4,5	CONTROL VALVE	9611019
Y6,7	CONTROL VALVE	9501039
Y8	CONTROL VALVE	9501040
Y9	COOLER VALVE	9611011
6B1	PICK UP SENDER	790.473
6F7 / 7F2	MAIN POWER (10 A)	9711032
6F8	MAIN POWER (25 A)	9711031
6G4	BATTERY	9704002
6H8	INTERIOR LIGHT	9507005
6K7	TIME / RELAY	9204018/016
6P1	RPM METER	790.938
6P6	AMPEREMETER	110.371
6S4	EARTH SWITCH	790.924
6S7	INTERIOR LIGHT SWITCH	9504004
7B5	PRESSURE SWITCH	9611020
7H3	HOUR COUNTER (HAMMER)	9606002
7H6 / 10H1	CLAMP LIGHT	9810047
7K1,3,7,8,9	RELAY	9411024
7M1	SERVOMOTOR	790.379
7S0	IGNITION SWITCH	130.259
7S0.1 / 10S5	FOR./REV. SWITCH	9810055
7S4 / 10S4	CLAMP SWITCH	9810046
7S7,8S1,10S3	SERVOMOTOR SWITCH	9810056
10S7		
8B8	TEMPERATURE SWITCH	9810044
8H7	INDICATOR LIGHT	9512028
8K5, 9K4	RELAY	9411024
9B5	ENGINE WATERTEMP. SENSOR	9906010
9B6	OILPRESSURE SENSOR	9906009
9B8	HYDRAULIC FLUID LEVEL SWITCH	100.314
9B9	WATER LEVEL SWITCH	9411019
9H4	ALARM LIGHT	0001005/006
9K9 / 11K5	TIME RELAY	9111027
9P0	ENGINE WATER TEMPERATURE GAUGE	9906008
9P1	ENGINE OIL PRESSURE GAUGE	9906007
9P2	HOUR COUNTER	130.249
9S4	RESET BUTTON	0001003/004
9Y3	FUEL SOLENOID	790.197

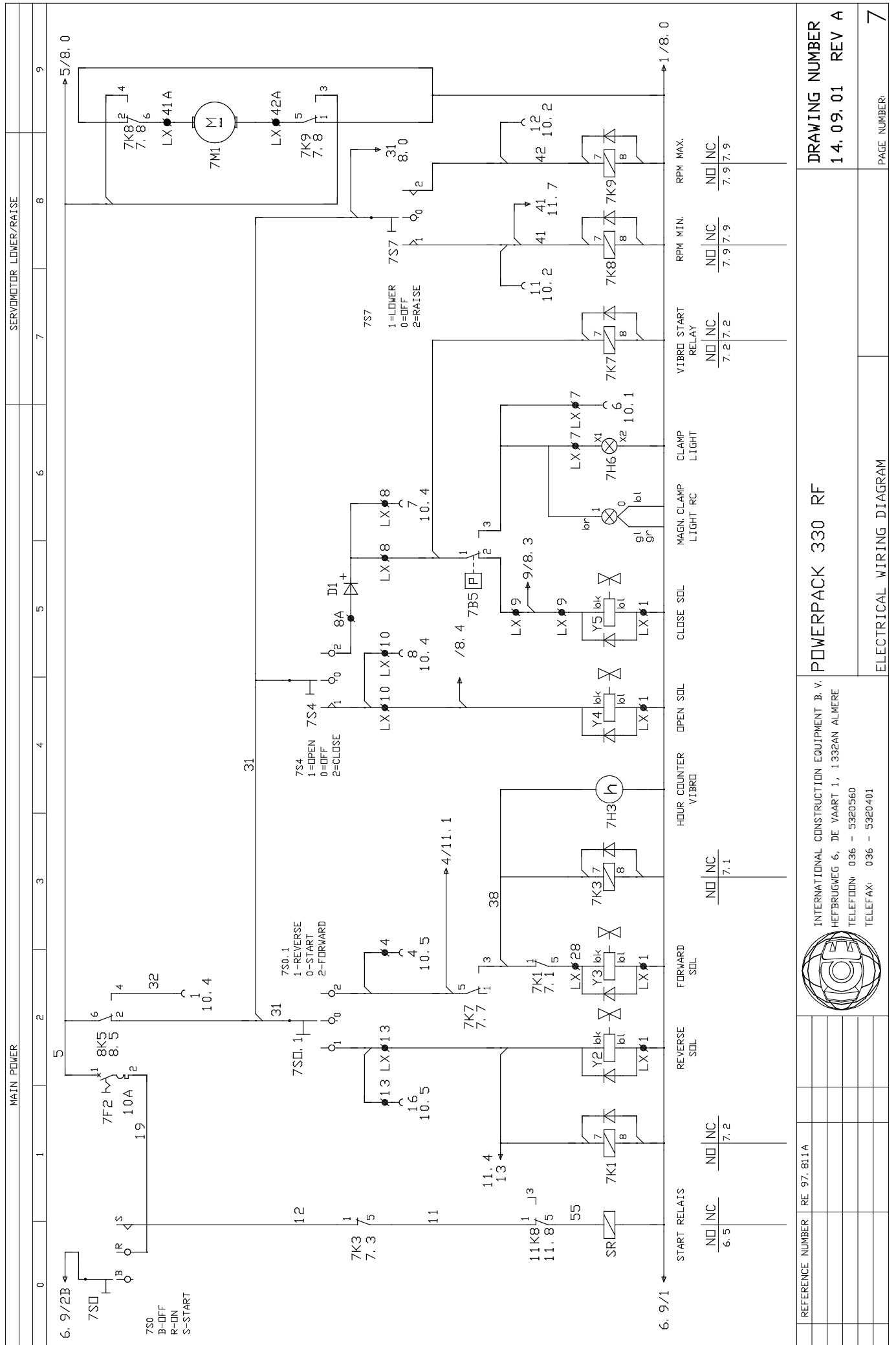
ELECTRICAL CIRCUITRY

ELECTRICAL COMPONENTS LIST

<u>REFERENCE</u>	<u>DESCRIPTION</u>	<u>Part No.</u>
10S8	EMERGENCY STOP	9405003/004
11K1	TIME RELAY	9411021
11K2,3,4,8	RELAY	9411024
11S8	EMERGENCY STOP	9407035/037

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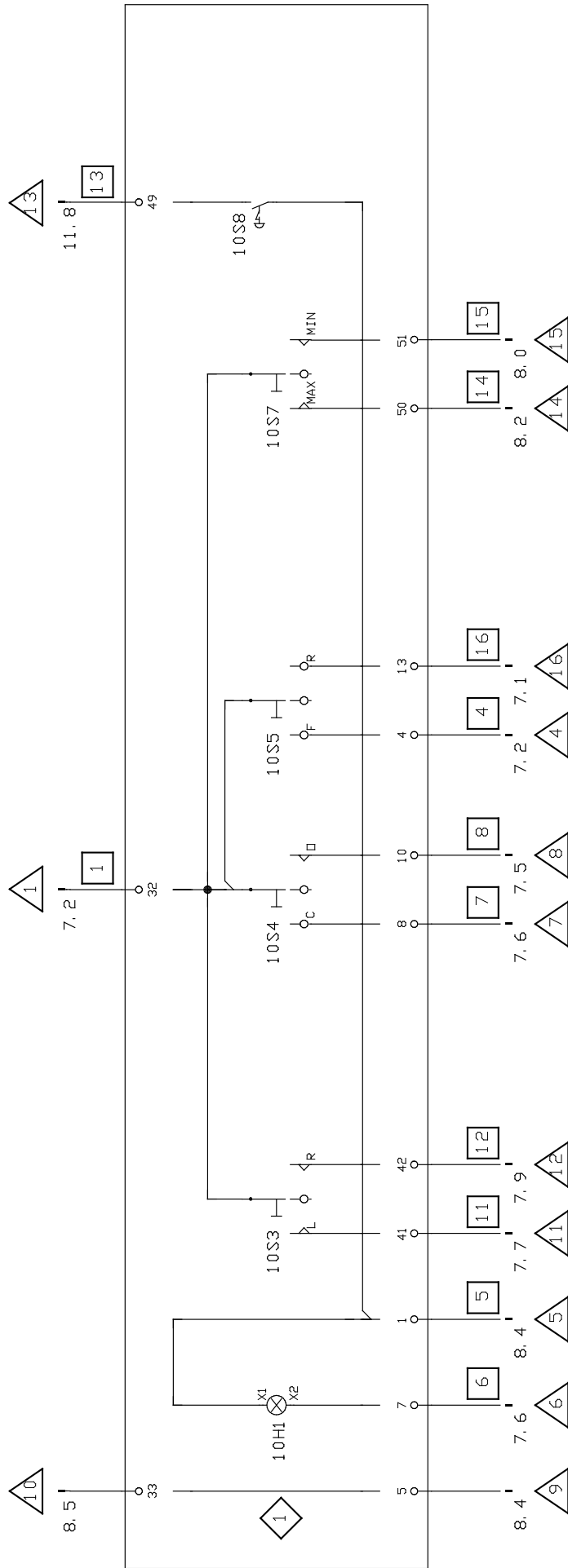


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CLAMP LIGHT	LOWER / RAISE		OPEN / CLOSE		FORWARD / REVERSE		ECC. MOMENT	EMERGENCY STOP	
	1	2	3	4	5	6	7	8	9
0									



1 BRIDGE IN PLUG

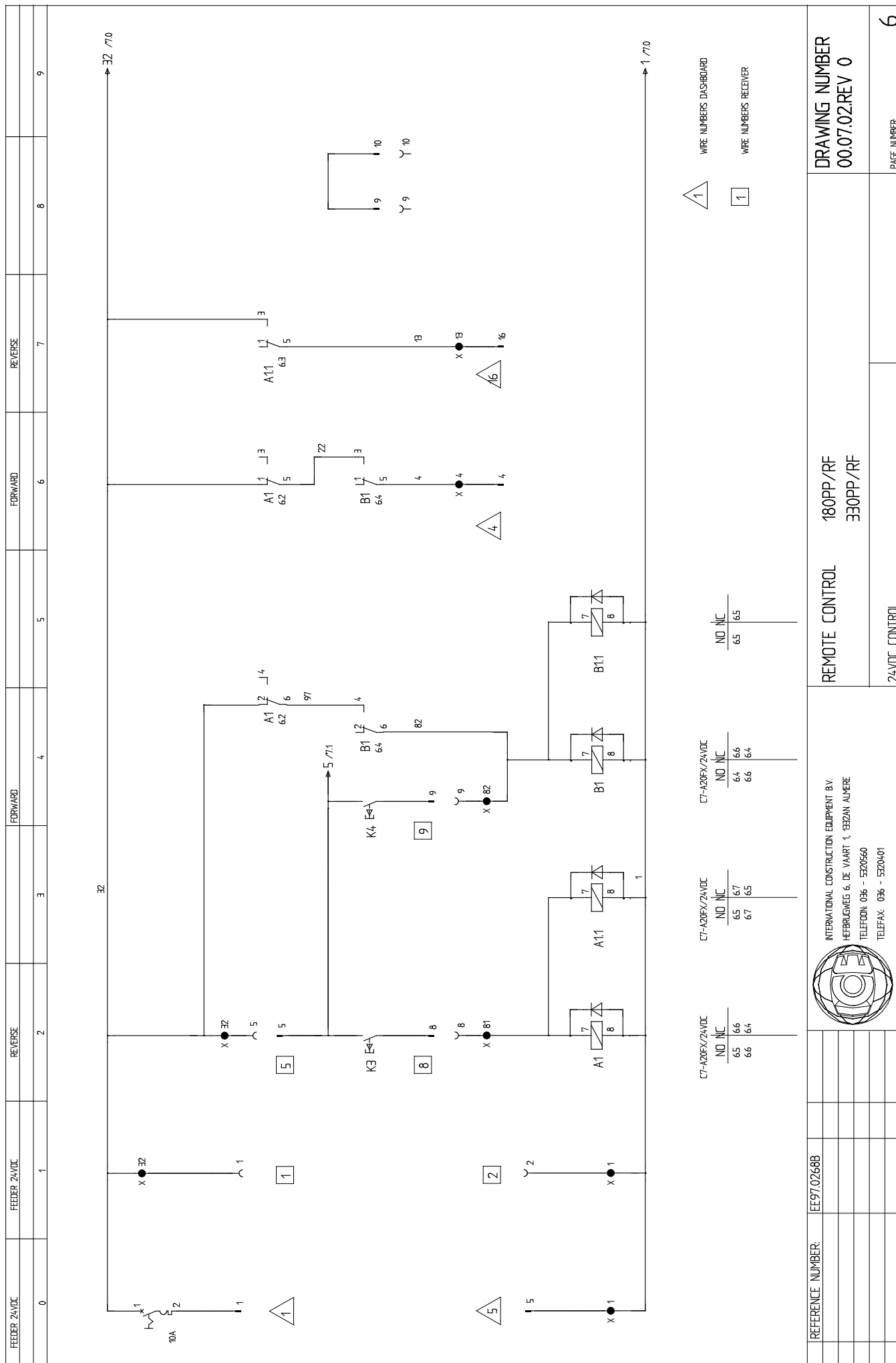
1 PIN NUMBER

1 WIRE NUMBER

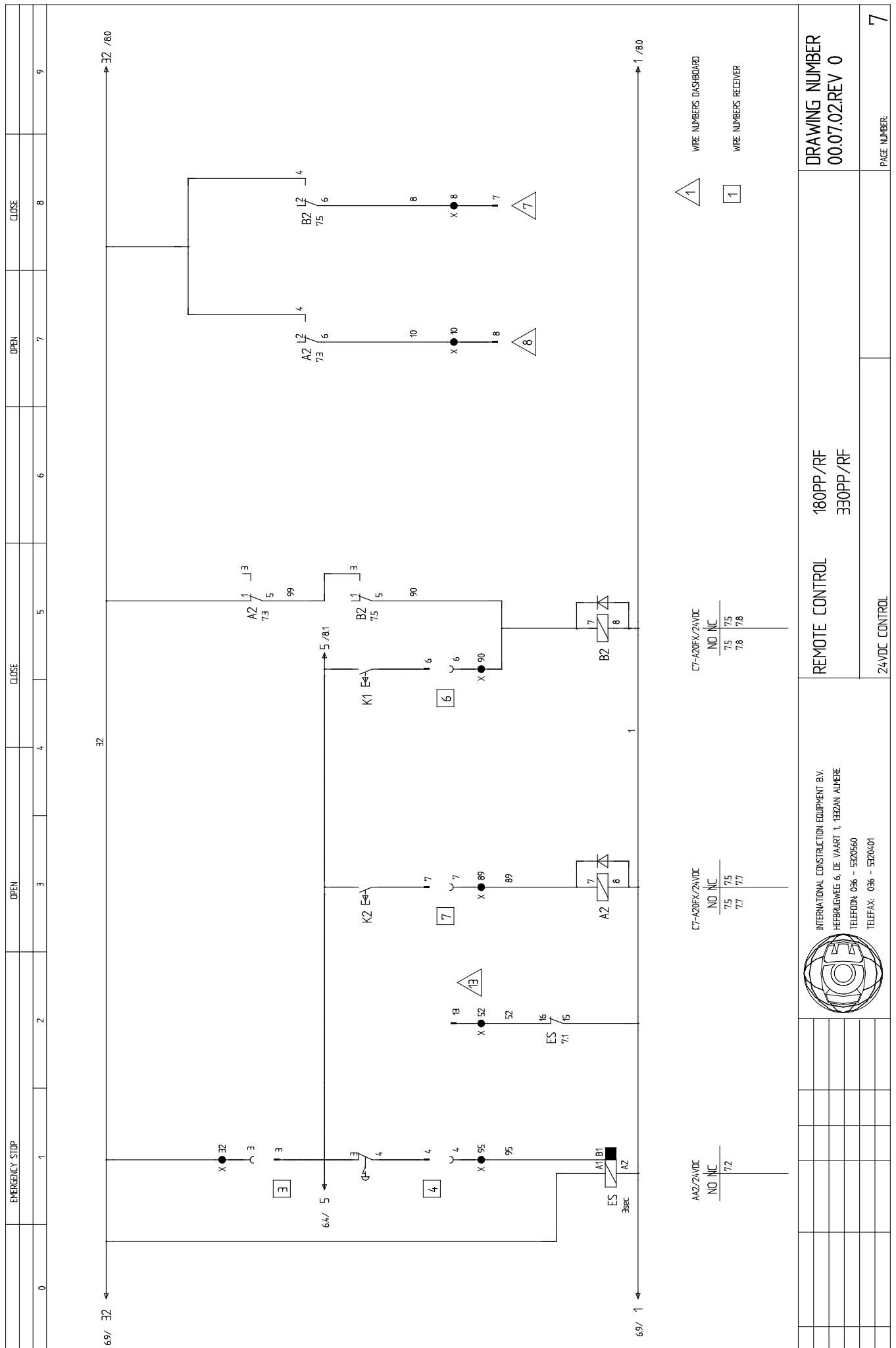
REFERENCE NUMBER	RE 97.81A	POWERPACK 330 RF		DRAWING NUMBER
		INTERNATIONAL CONSTRUCTION EQUIPMENT B.V.		14.09.01 REV A
		HEFBRUGWEG 6, DE VAART 1, 1332AN ALMERE		
		TELEFOON: 036 - 5320560		
		TELEFAX: 036 - 5320401		
		REMOTE CONTROL		PAGE NUMBER:
				10

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