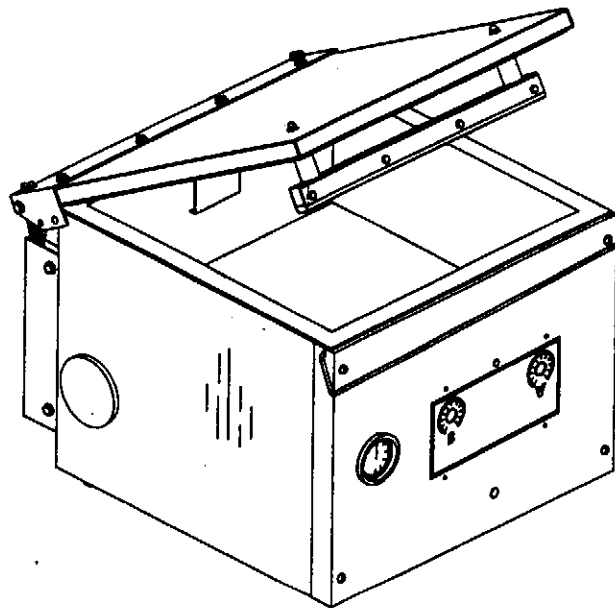


MODEL 300

JVR



OWNERS MANUAL
(MANUEL D'UTILISATION)
(MANUAL DE UTILIZACIÓN)

Safe Operation Practices



This symbol points out important safety instructions which, if not followed, could endanger the personal safety and/or property of yourself and others. Read and follow all instructions in this manual before attempting to operate your vacuum machine. Failure to comply with these instructions may result in personal injury.

General Operation

- Read, understand, and follow all instructions in the manual and on the machine before starting. Keep this manual in a safe place for further and regular reference and for ordering replacement parts.
- Only allow responsible individuals familiar with the instructions to operate the machine. Be sure to know controls and how to stop the machine quickly.
- Never put your hands near moving parts.
- Only allow qualified individuals for the maintenance of your machine.
- Remove all obstacles, which may interfere with the machine functions.
- Clear the work area such as electrical wires, buckets, knives etc.
- Be sure that everyone else is clear of your work area before operating the machine.
- Do not sit nor stand on the machine.
- Always turn off the machine after your work is done. Never leave a running machine unattended.
- Always disconnect and wait till the machine has cooled before attempting any maintenance.
- Do not wear loose fitting clothes or jewelry as they may get caught in moving parts of the machine.
- Always wear security shoes, to prevent injury caused by moving the machine or objects falling from the machine.
- Never exceed the time limit to seal, which is recommended by the manufacturer. This is to avoid any damage that may be caused to the sealing bars and to eliminate the risk of fire in the machine. Thus avoiding corporal burns.
- Never touch the sealing bars after they have been used, this will avoid corporal burns. Wait a few minutes to let the machine cool down before touching.
- Always make sure that the sealing bars are well installed in their "Guide Blocks" before starting a cycle.
- Never incline the machine more than 30 degrees, it may tip over and hurt someone seriously.
- Work only in daylight or good artificial light.

Do not operate the machine while under the influence of alcohol or drugs!

VACUUM PACKAGING MACHINE

MODEL 300

- I OPERATION INSTRUCTIONS
- II MECHANICAL
 - A- Front view general assembly drawing
 - B- Rear view general assembly drawing
 - C- Seal bar assembly drawings
- III ELECTRICAL
 - A- Electrical drawing low voltage

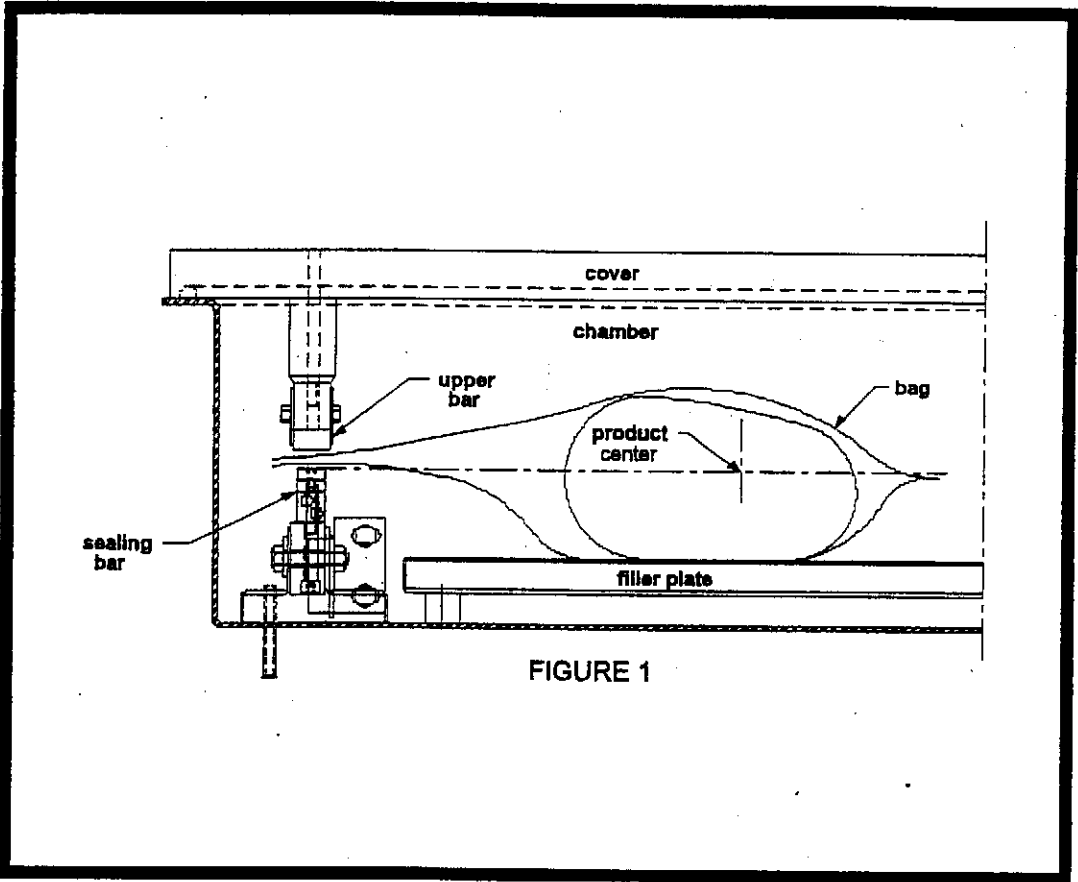
OPERATION INSTRUCTIONS

TABLE OF CONTENTS

- 1. Setting up the machine
- 2. Electrical connection
- 3. Operation
 - 3.1 Working principles
 - 3.2 Setting of controls.
 - 3.3 Daily cleaning
- 4. Trouble shooting
 - 4.1 Failure during a packaging cycle
 - 4.2 Insufficient vacuum
 - 4.2.1 Leakage in the bag
 - 4.2.2 No leakage in the bag
 - 4.2.3 Insufficient vacuum in the chamber
 - 4.3 Faulty seal
 - 4.3.1 Insufficient seal
 - 4.3.2 No seal
 - 4.3.3 Permanent sealing current
 - 4.3.4 Seal does not stick
 - 4.4 Fault in the valves
- 5. Regular maintenance

To obtain nice packages, the products and the bags have to be of proportional sizes. The bag's opening should never exceed 50 cm (2 ") past the seal bars. The product should be centered in height in relation to the seal bar by adjusting the spacers provided.

To obtain a good seal, make sure that no residue of fat is left between the bag's inner sides where sealing is done.



BASIC PROGRAM TO MODIFY ACCORDING TO THE PRODUCTS

MACHINE	"V"	"S"
VAC 300	Step 2,5	Step 2,5

Warning: There is no security limit time protection for sealing. Do not increase the sealing time too much to prevent damaging the teflon.

WARNING: ALL ELECTRICAL WORK DESCRIBED IN THIS BROCHURE SHOULD BE DONE BY A QUALIFIED AND AUTHORIZED TECHNICIAN.

3.3 Daily cleaning:

For hygienic cleanliness, it is imperative to clean chamber and spacers daily. Also clean the lid rubber to assure tight seat of the lid.

4. TROUBLE SHOOTING:

4.1 Failure during a packaging cycle:

The lid is closed and cycle fails to start or stop immediately after having started:

Micro switch is actuated too late, re-set the micro switch.

Fault in supply of electricity to the timing control (power on light does not go on):

Check secondary voltage of transformer (approx. 24 Volt AC);

Check fuse;

If none of these apply, change PC board

4.2 Insufficient vacuum:

4.2.1 Leakage in the bag:

Leakage in lateral or bottom seal, complain to supplier of bags or film.

4.2.2 No leakage in the bag:

Bag is too large, therefore the surplus of air remains visible (there is surplus of air in 0.4% of the bag volume in each bag). Use bags of suitable size.

Evacuation time is too short:

4.3.2 No seal:

Sealing wire burnt.

Faulty contact in sealing circuit.

Sealing transformer burnt through.

Relay does not work.

4.3.3 Permanent sealing current:

Relay is jammed check sealing transformer for damage through overload.

4.3.4 Seal does not stick:

Insufficient layer of polyethylene (inferior quality of bags).

Seal area extremely contaminated by fat or meat juice. Use filling aid.

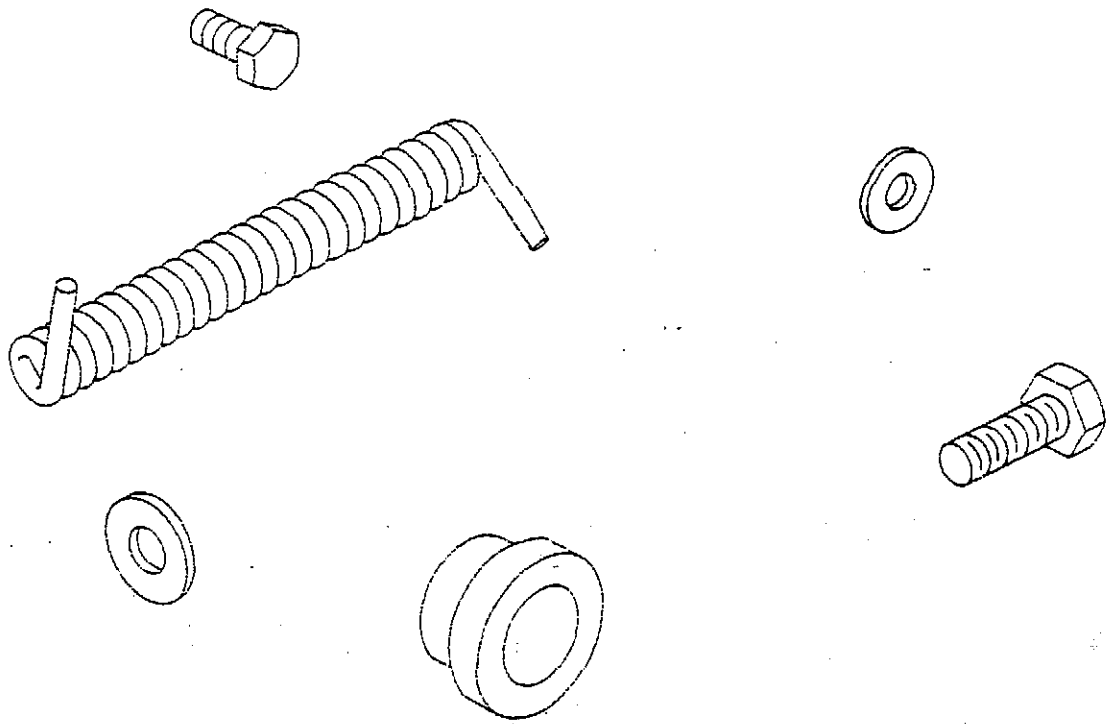
Sealing temperature is too low (when using very thick films).

4.4 Fault in the valve:

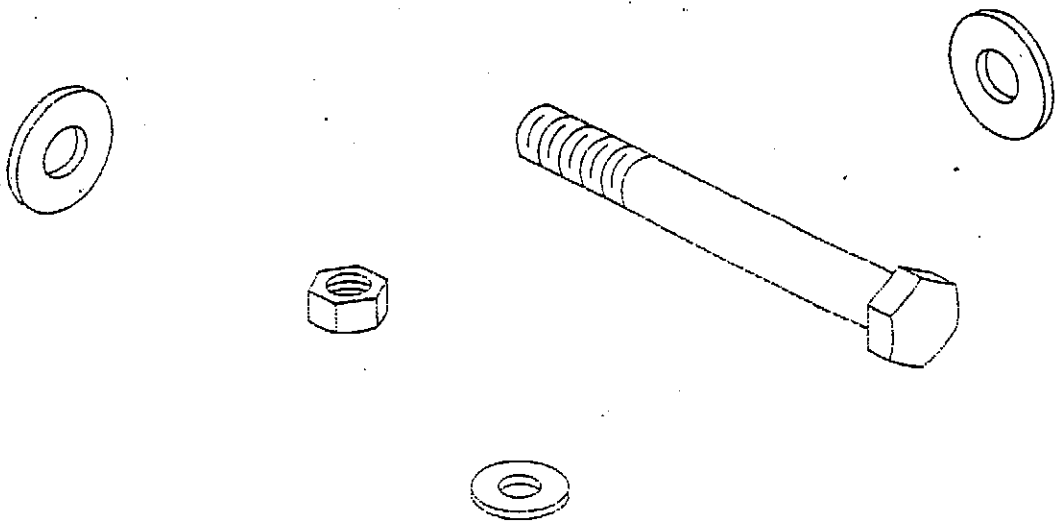
Vacuum or air valve does not open.

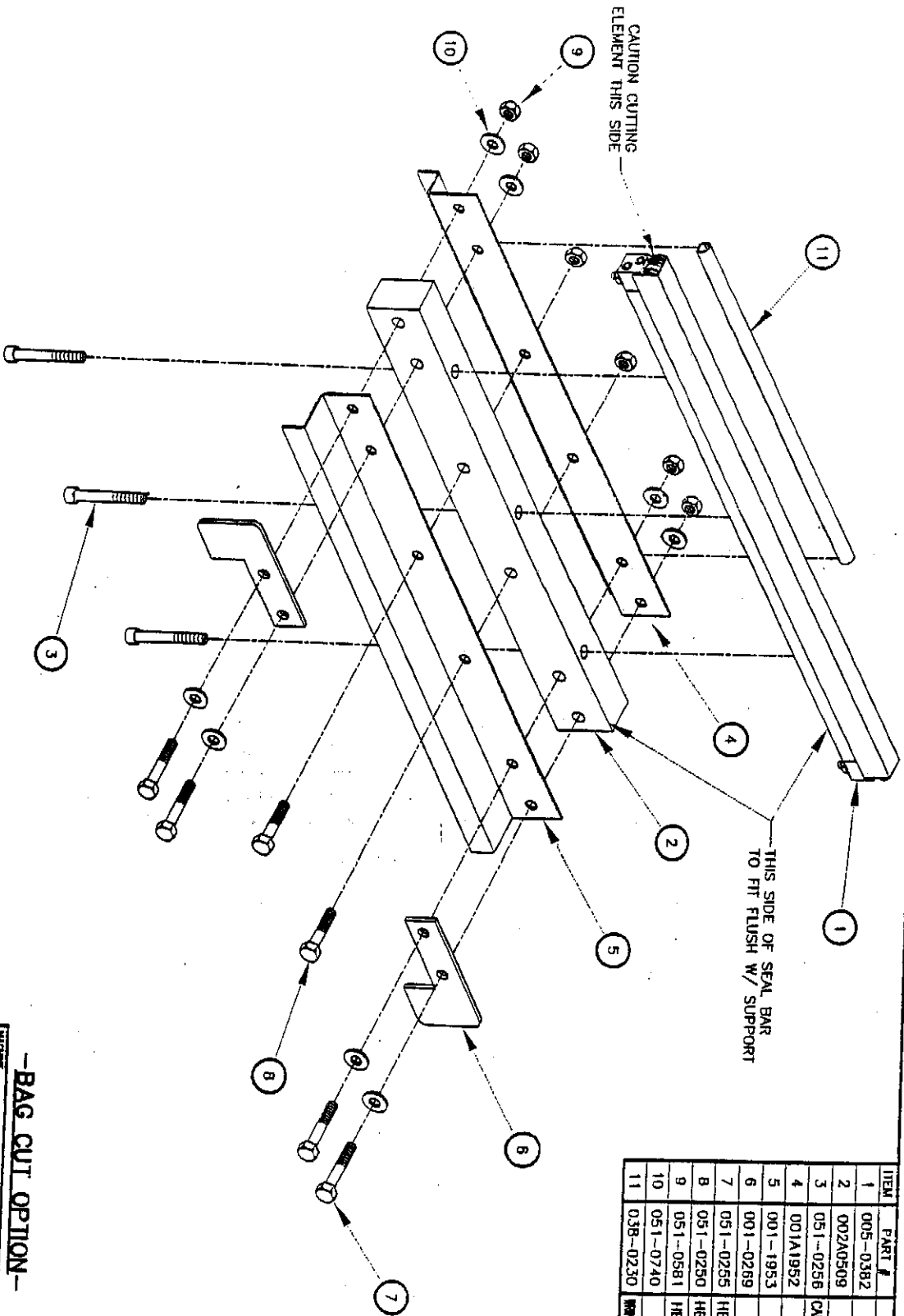
Check whether there is voltage on the magnetic valves during their period of operation. If there is no voltage a wire is broken or the PC board is damaged.

Lid does not open at the end of the cycle; air enters, but there is still 20 - 40% vacuum in chamber. Vacuum valve does not close.



MECHANICAL DRAWING





ITEM	PART #	DESCRIPTION	QTY
1	005-0382	SEAL BAR PRE-ASSEMBLY	1
2	002A0509	SEAL BAR SUPPORT (TABLE)	1
3	051-0256	CAP HEX SRT. BOLT 1/4"-20 NC X 1 3/4" S/S	3
4	001A1952	EXTERIOR BELLOWS COVER	1
5	001-1953	INTERIOR BELLOWS COVER	1
6	001-0269	SEAL BAR GUIDE	2
7	051-0285	HEX. BOLT 1/4"-20 NC. X 1 3/4" S/S	4
8	051-0250	HEX. BOLT 1/4"-20 NC. X 1 1/2" S/S	2
9	051-0581	HEX. NUT 1/4"-20 NC. METALON LOCK S/S	6
10	051-0740	FLAT WASHER 1/4" S/S	6
11	038-0230	FLAT W/ W/ ANEWEK BOKGEC (0.5" X 0.5" X 20) (PC 052)	1

-BAG CUT OPTION-

300, 350, 350D & 420A
SEAL BAR ASSEMBLY W/ SUPPORT

DATE 05-05-09
SCALE 1:1
SEE LIST

MACHINE	QTY
420A	4
350D	2
350	1
300	1

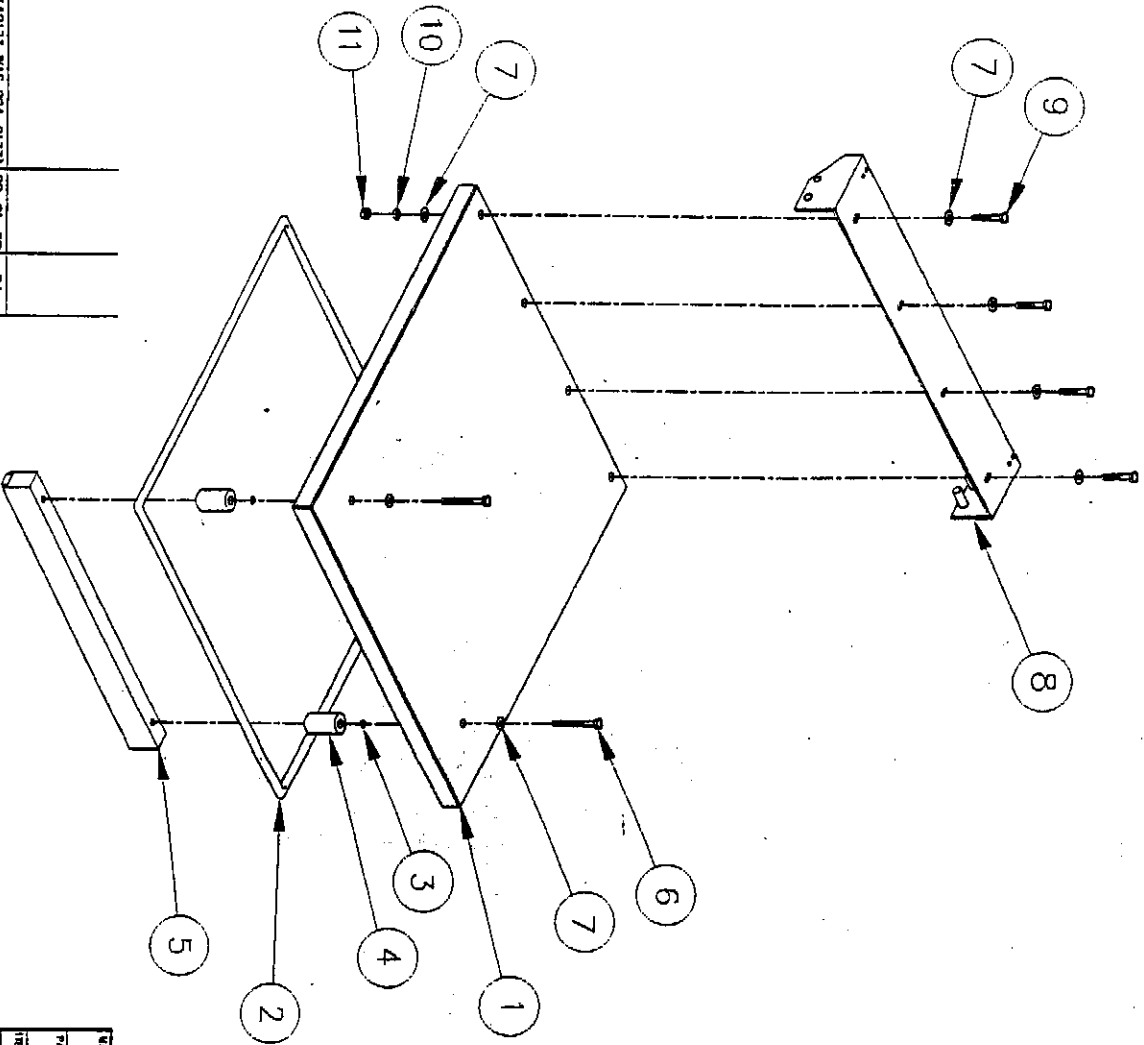
SIPROMAC
ST-CERMAN DE GRAYRIAN
QUEBEC CAYLON

REVISION
DATE 05-05-09
M.A.L.
MIL.

1003A00103

1005-0592

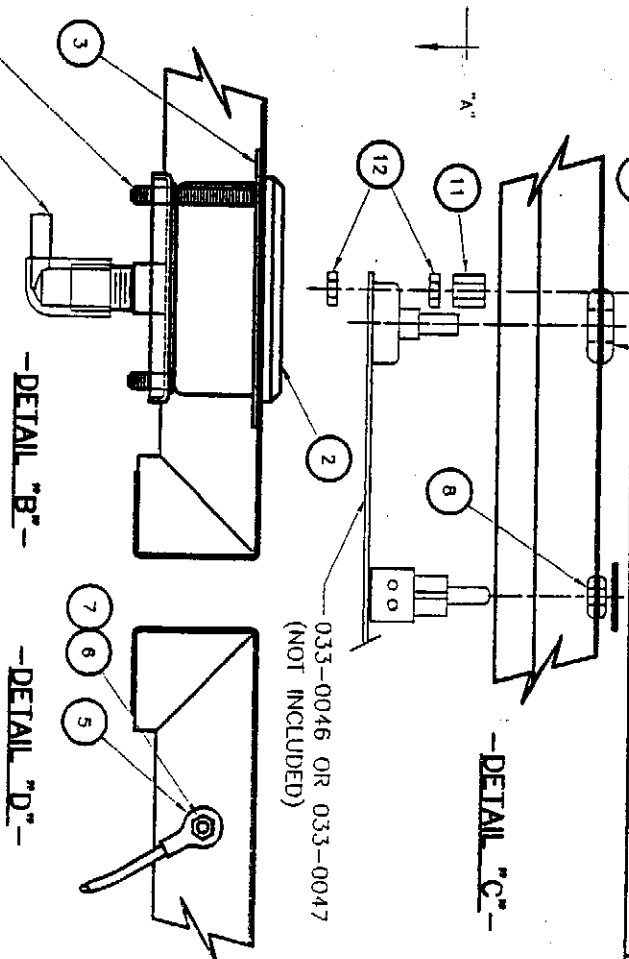
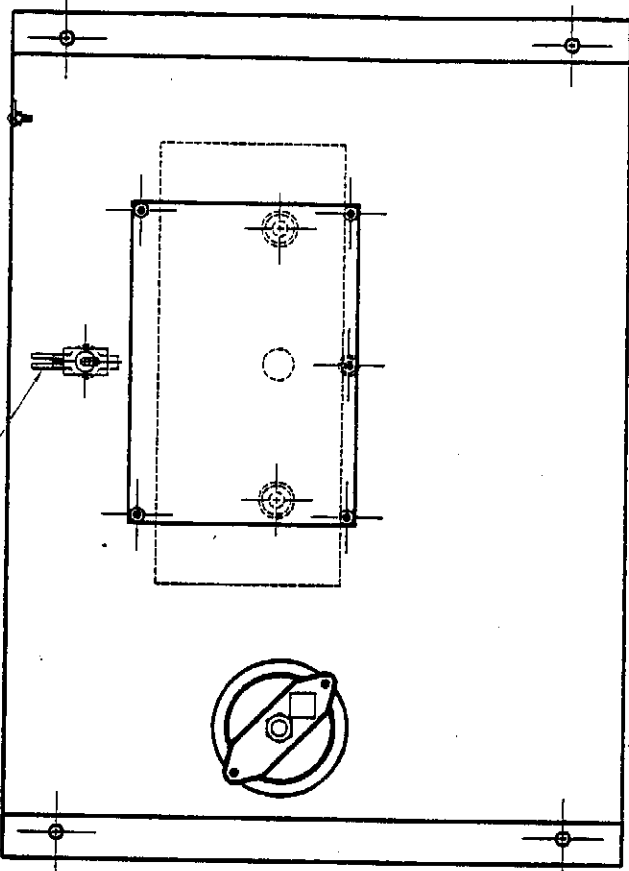
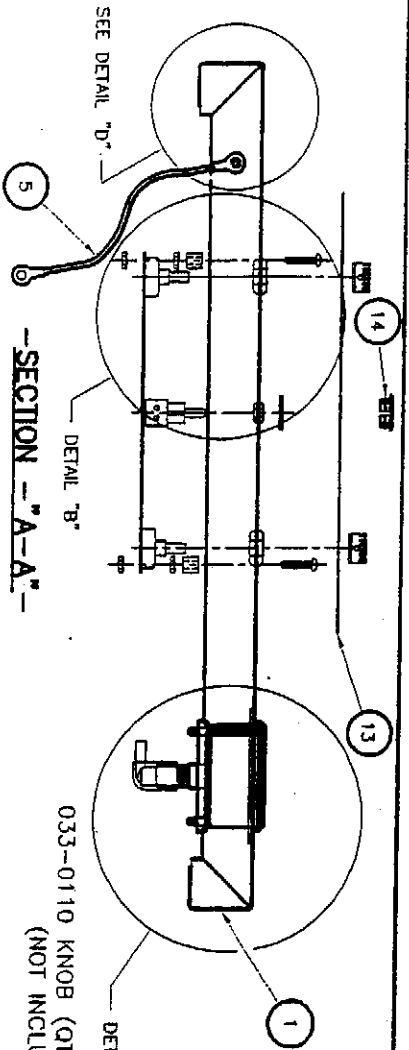
ITEM	PART #	DESCRIPTION	QTY
1	002-0025	COVER	1
2	179-0005	COVER GASKET	6.5
3	076-0010	Ø" RING	2
4	002-0507	UPPER SEAL BAR SPACER	2
5	004A0173	UPPER SEAL BAR ASSY	1
6	051-0270	SCREW 1/4"-20 NC. X 2 1/4" HEX S/S	2
7	051-0740	FLAT WASHER 1/4" S/S	10
8	004-0021	COVER HINGE ASSY	1
9	051-0250	BOLT 1/4"-20 NC. X 1 1/2" HEX S/S	4
10	051-0730	LOCK WASHER 1/4" S/S	4
11	051-0580	HEX. NUT 1/4"-20 NC. S/S	4



A. REMOVAL ITEM #3 (004A0173 WAS 004-0173)
 MODIFICATION: _____
 DATE: 00-01-20
 SL. NO.: _____
 INT. NO.: _____

VENDOR: 300
 PART: COVER ASSEMBLY
 DRAWING: 1005-0592
 DATE: 05-05-92
 SCALE: 1:1

ITEM	PART #	DESCRIPTION	QTY.
1	001-2080	FRONT PANNEL	1
2	114-0260	VACUUM GAGE W/SUPPORT	1
3	001-1869	HOLDING WASHER (VAC. GAUGE)	1
4	101-0160	ELBOW 90° 1/4 FNPT x 1/4 HOSE	1
5	---	GROUND WIRE	1
6	051-0144	SCREW #10-24 NC X 1/2" PAN PHIL. S/S	1
7	051-0571	NUT #10-24 S/S	1
8	036-0100	GROMMET 3/16" ID X 1/2" OD X 3/8" HOLE	1
9	036-0190	GROMMET 3/8" ID X 7/8" OD X 5/8" HOLE	2
10	051-0111	SCREW #8-32 NC X 3/4" PAN PHIL. S/S	4
11	058-0130	GPVC SPACER #8 X 3/8" OD X 3/8"	4
12	051-0550	NUT #8-32 S/S	4
13	127-0156	SIPROMAC STICKER	8
14	057-0450	PLUG 11/16" BLACK NYLON	1



300

FRONT PANNEL ASSEMBLY

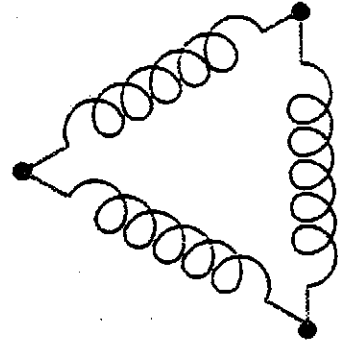
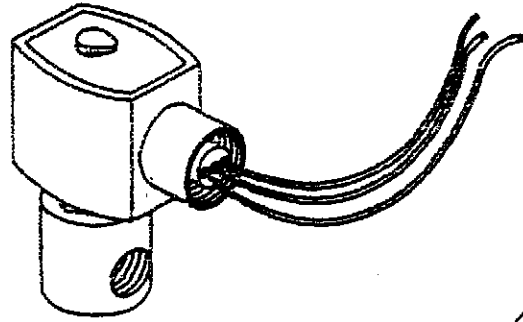
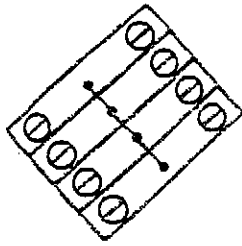
SIPROMAC

DATE 01-10-26

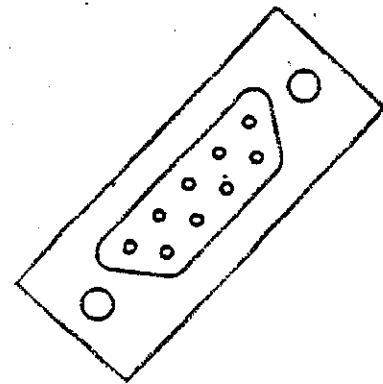
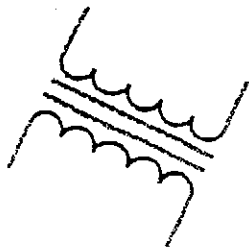
005-0632

REV.	DESCRIPTION	DATE	BY
1	001-2080 WAS 004-0493	04-12-01	M.A.L.
2	REDESIGN WORK. A-010 EIGHT AIDS 001-0483	04-10-28	J.C.
3	MODIFICATION		M.T.

1005-0632



ELECTRICAL DRAWING



MATÉRIALS.

MC-06 PC BOARD

MC-06 240V. # 033-0048

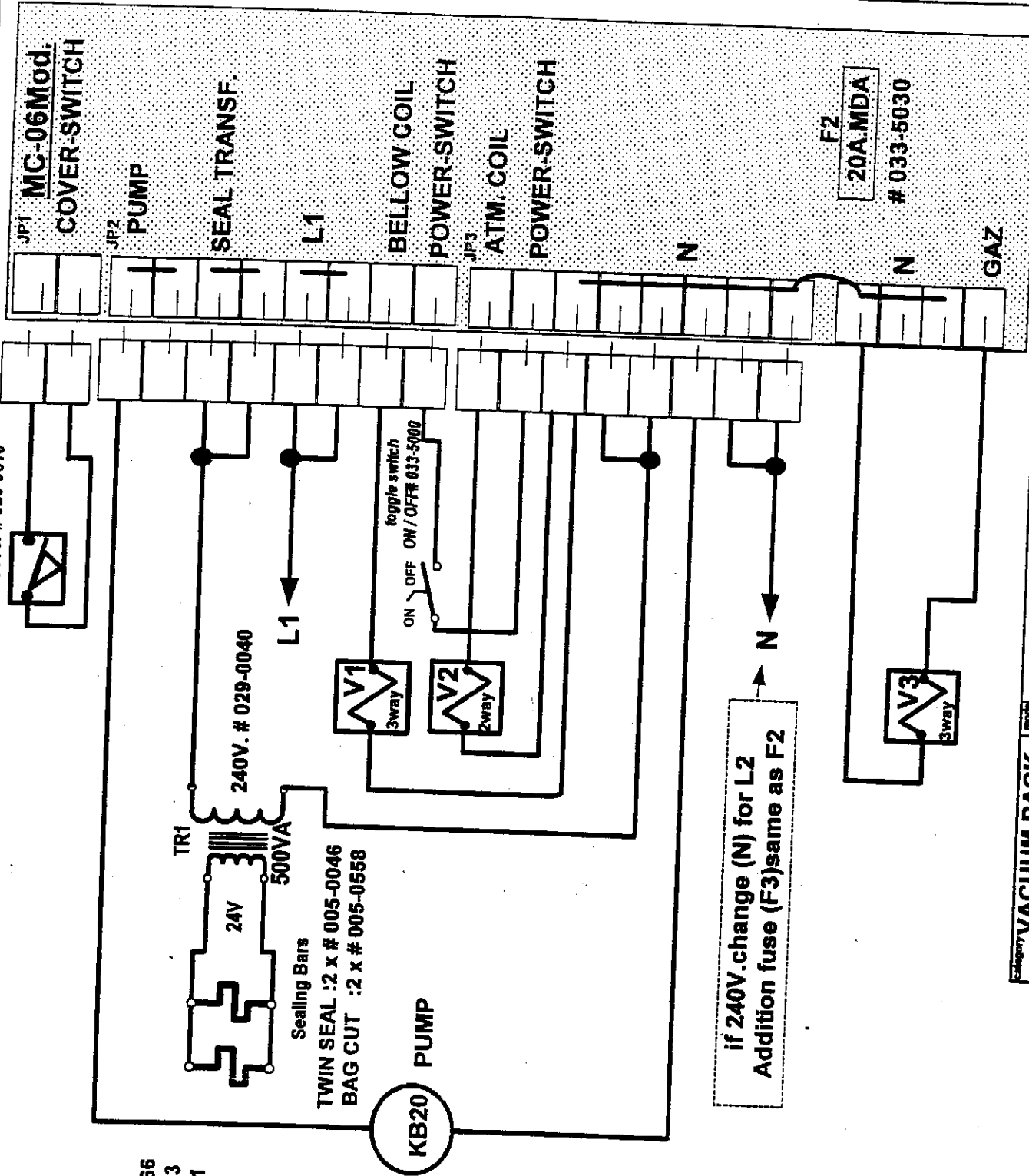
VALVE

V1 : 240V. G176 # 106-0066

V2 : 240V. G 94 # 106-0063

V3 : 240V. G 22 # 106-0061

limit switch cover # 026-0610



category	VACUUM PACK	model	300	vol.	240V/1ph/60Hz-240/ 3Ph/50Hz
system	1 work place	concept	year	day	block
usage	with MC06	power	04	06	10
functions	1 pumps KB20 (240V/1ph)	draw			
options		app			

SIPROMAC
St-Germain de Grandham
QUEBEC, CANADA