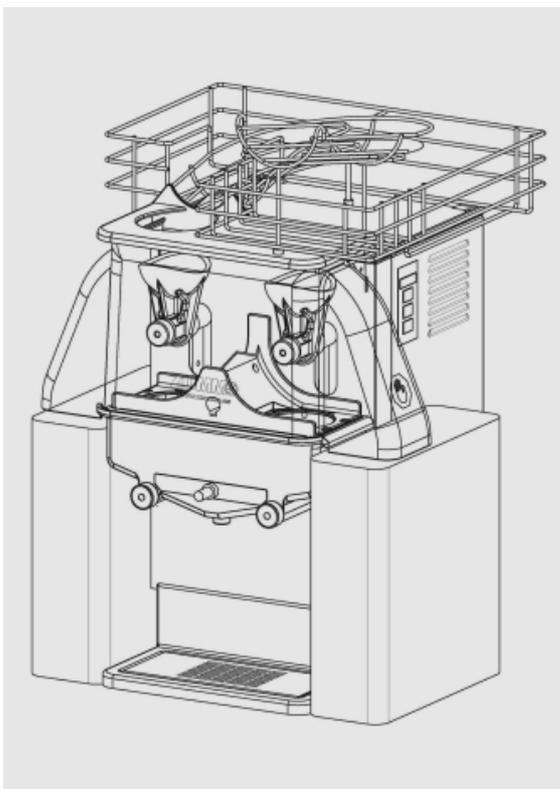


ZUMMO



www.zummo.es



User's Guide



Sistema de Calidad certificado
Nº Cert: 44 100 11 0904



Sistema Medioambiental certificado
Nº Cert: 44 104 11 0904

011211/01

ZUMMO-INNOVACIONES MECÁNICAS, S.A.

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ZUMMO-INNOVACIONES MECÁNICAS, S.A., in an ongoing effort to enhance its products, reserves the right to modify machines without prior notice; for this reason, this user's manual may not contain the latest changes made.

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1 TECHNICAL DATA

POWER CONSUMPTION (W)		275
ORANGES PER MINUTE		10
FEED CAPACITY (Kg.)		1.5 -- **5.5
SIZES WITH RECEPTACLES	HEIGHT (mm)	720
	WIDTH (mm)	504
	DEPTH (mm)	420
FRUIT SIZE Ø (mm)	LARGE CUPS (Ø 90)	70-90
	REGULAR CUPS (Ø 75)	55-75
	*SMALL CUPS (Ø 60)	45-60
WEIGHT (Kg.) (without packaging)		48

* Accessory not included with standard model.

** Capacity of display basket.

2 IMPORTANT SAFETY INSTRUCTIONS

- Dear Customer: Before using your juice extraction machine, please carefully read this user's manual.
- The machine exerts a great deal of pressure when squeezing fruit; for this reason, never place hands or foreign objects in the squeezing area. (Fig. 1)
- Always make sure fastening nuts on cups or the squeezing tray are tightened; otherwise, serious damage to the machine may result. (Fig. 2)
- Use special care when handling the blade to avoid the risk of injury. (Fig. 3)
- To prevent risks, all repairs should be performed by technical personnel.
- The company assumes no liability whatsoever if damage is due to improper machine use or the failure to follow the instructions contained in this manual.

- Request technical service from the company that supplied that machine to you; in the event that it cannot be located, contact the factory (data on the cover of this manual).

3 INSTALLATION

- Attention! The machine weighs 48Kg. When moving machine, we suggest that this be accomplished by two persons. The best way to handle a machine is to use one hand to get a grip underneath the rear and the other placed beneath the squeezing tray. (Fig. 4)
- Place the machine on a sufficiently sturdy and stable base.
- Ensure that the machine's voltage and frequency match the values of your electrical installation. See the identification plate. (Fig. 5)
- Use an electrical outlet that is equipped with an effective earth connection. This outlet should be used exclusively by the juice extraction machine. Do not plug other appliances into the outlet.
- Before turning on the machine, it is recommended that the pieces that will be in contact with juice be cleaned first (cups, balls, blade, tray, filter and plastic front).
- Turn on the power switch. (Fig. 6) If no message appears on the display (Fig. 7), this means that there is a lack of voltage; in this case, make sure that you have plugged the machine into a live line and that the power switch is turned on. Once this problem has been taken care of, one of the following three messages will appear: **StoP**, **a number** , **C**
- If the **StoP** message appears on the display, the machine cannot be started up because the safety system prevents it. In this case, check the following:
 - a The cover is properly in place, with its clasps properly fitted inside the slots. (Fig. 8 & 9)
 - b The tray that holds the squeezer and the blade are properly in place, with the fastening screws tightened. (Fig. 10)
- If a number or the letter **C** appears on the display, the machine is ready for normal operation.

4 START-UP

- Once the machine is turned on, the display will show a number between **1** and **50** or the letter **C**. The number indicates the quantity of oranges to be squeezed and the letter **C** means that oranges will be squeezed without interruption for approximately 30 minutes.
- Depending on the number of oranges that you want to squeeze, keep pressing the **SELECT** button and the number on the display will increase from 1 to 50, and then the letter **C** will appear (1,2,3,.....48,49,50,C,1,2,3.....). If you keep the **SELECT** button depressed for more than 3 seconds, the number will decrease.
- Perform this operation until the desired quantity appears.
- Once a quantity is selected and an operation is performed, the machine will store this information (even if it is shut off) until a new selection is made.
- When the **ON** button on the panel is pressed, the machine will squeeze the number of oranges shown on the display. During the process, the number of oranges left to squeeze will appear on the display. If you want to repeat the operation, simply press the **ON** button. To stop the process, press the **STOP** button.

5 STOP

With the machine running, press the **StoP** button. On the display a **0** will appear and the machine will stop when the cups reach the vertical position. Afterwards, the display will show the number of the previous selection.

6 COUNTER FUNCTION

If you want to know the total number of **operations*** performed, press the **STOP** button while the machine is not running and this number will appear on the display for a few seconds. Keep in mind that all machines leave the factory with 400 – 500 operations.

The display is limited to five digits, making it so a maximum of 99,999 operations can be displayed. But if you want to know the number of times that the counter has turned over, turn off the machine using the power switch and turn it back on again while holding down the **STOP** button. The number that appears is the number of times the counter has turned over.

**(operation = complete set of steps in squeezing a piece of fruit.)*

7 SAFETY SYSTEMS

The machine is equipped with several safety systems:

- 1 If the cover is not properly in place, with its clasps fully fitted inside the slots (Figs. 8 & 9), the display will show the **StoP** message and the buttons will not respond.
- 2 If the tray holding the squeezer and the blade are not properly in place, and the nuts not tightened, the machine will not run and **StoP** will appear on the display (Fig. 10)
- 3 If for some reason the machine were to become blocked while running, the motor will automatically be stopped after a few seconds, and a blinking **A** will appear on the display, waiting for the cause of the blockage to be removed.
- 4 The machine is equipped with a system of thermal protection in the motor. In the event of overheating, the machine will stop and the display will show the **StoP** message. In such a case, wait roughly five minutes for the temperature to go down, at which point **StoP** will be replaced on the display by the last selection. Check to make sure the ventilation grating is unobstructed.
- 5 If no message appears on the display, this will be due to the lack of voltage. Check that the power switch is turned on and that the safety fuse to the power jack has not burnt out. Observe that there are two fuses (Fig.11): the first fuse is the one that may be burnt out while the second one is the spare fuse.

8 CLEANING

We recommend that the squeezing area be cleaned on a daily basis.

It is recommended to halt the machine by pressing **StoP** before cleaning (never stop using the main breaker switch), as in this way all the parts to be cleaned will be easily extractable and replaced. Failure to follow this recommendation will cause the machine to stop in a position that impedes cleaning and possibly lead to breakage of parts due to poor handling.

- With the stopped machine following the previous process, DISCONNECT the MACHINE of the POWER SWITCH (Fig. 6). The digital selector display will shut off.
- Remove the **cover** and wipe it with a damp cloth (ATTENTION!: NEVER clean it with products that can scratch it).
- The tray and blade are removed by unscrewing the nuts on the tray shafts and pulling outwards horizontally (never extract the set throwing of the blade). Also unscrew the **balls** or **bevel-headed squeezers** that are inside the **tray that holds the squeezers** (Fig. 15 & 16); underneath each one of them there should be one washer (Fig. 22), **be careful not to lose them!** These pieces can be put in the washing machine or cleaned manually. TAKE EXTRA CARE WITH THE BLADE (Fig. 3) since it is very sharp and may cause injury.
- To remove the cups we recommend that you loosen the fastening screws a little and pull outwards; they will be released and can then be easily removed.

- **WARNING!** Do not wash the GREY DRIP TRAY (Ref. 0508008G) using hot water or dishwasher at temperature over 40°C. In case of distortion of the Drip Tray, this will not be covered by the guarantee.

Assembly

After everything is washed, put it back in place in the following order:

- 1 Screw on the balls in the tray that holds the squeezers. Make sure that washers are put in place beforehand and that the balls are properly tightened.
- 2 Check that the rubber bands of the blade are properly in place (Figs. 19 & 20). Insert the blade inside the tray. **Assemble this set on the machine's three shafts simultaneously.** (Fig. 12). **Never mount the blade on the tray afterwards!!** When it makes contact with the bottom, fit the projecting part of the blade into the front guide (Fig. 13).
- 3 Place the cups on the shafts and tighten the fastening nuts.
- 4 The cover is put back in place by fitting its clasps into the slots located on both front sides (make sure that the clasps fit correctly into the slots). (Fig. 8 y 9)

Before starting up the machine, make sure that:

- The tray and blade have been properly fitted into place and screwed down.
- The blade has been properly fitted into place and in the horizontal position.
- The nuts on the cups are properly tightened.
- The correct sets of balls and cups have been used (see the section entitled "accessories").

In the event that the tray, balls or cups were not properly fitted into place, damage may be done to these pieces and the inside of the machine. (Problems not covered by the guarantee since they are errors made by the operator).

Cleaning the loader

Lift the loader up and it will come off easily, with the top of the machine remaining totally uncovered. After cleaning it, put it back in place by fitting the legs into their respective openings. (Fig. 14)

9 ACCESSORIES

Depending on the size of the fruit that you want to squeeze, the machine has several different sets of cups and balls to choose from:

- a Dark-coloured Cups and Balls for fruits with diameters between 55 and 75 mm. (Fig. 15).
- b Bright-coloured Cups and Balls for fruits with diameters between 70 and 90 mm. (Fig. 16).
- c (Optional). Small red cups and balls for fruit with a diameter between 45 – 60mm. (Fig. 17).

Regardless of the set used, the blade and the squeezing tray will always remain the same.

ATTENTION!: Do not mix elements of different sets together.

10 MAINTENANCE

The only maintenance that the machine requires is to periodically lubricate the paddle shaft. (Fig. 18). Always use grease approved for use with food products.

11 USE RECOMMENDATIONS

- Make sure you are using the right squeezing parts (Balls & Cups) for the size of fruit you wish to squeeze. If the fruit to squeeze is too big or too small for the squeezing kit used, the quality of the juice may decrease, getting a bitter juice flavour.
- We recommend to switch off the machine when is not going to be use. (Fig. 6)

12 TROUBLESHOOTING

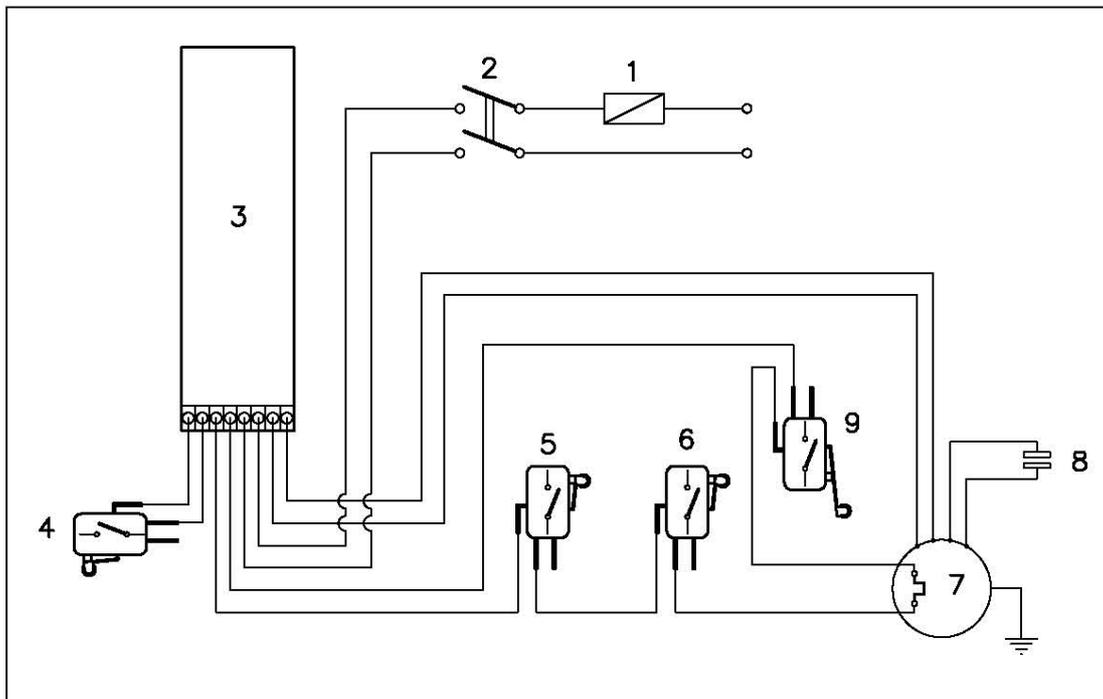
Problem	Cause and/or solution
The display does not become lit	Lack of electrical current. Fuse burnt out. (Fig. 11-1) Power cable improperly connected. Turn on the power switch. Fig. 6 Humidity in electronic plate. Provide dry heat to the plate.
StoP appears on the display	Cover not properly in place. (Figs. 8 & 9) Tray that holds squeezers out of place. (Fig.10)
The letter A appears blinking on the display	Check to see if frozen oranges are being squeezed. Check if peelings have piled up on the tray that holds squeezers. Check to see if balls have been left un-tightened. Check to see if peelings are left stuck to the inside of cups. To unblock the machine, use an Allen key of 5mm which you will find at the right side of the grid. Introduce it in the right side lateral hole (Fig.21) and, with the machine switched off, turn the key clockwise till cups are up and the machine is unblocked. LOOK OUT: before switching the machine, make sure that the key is out of the anchorage.
The cups break	Nuts on the cups are improperly tightened. Excess of washers under the balls. The balls on the tray that holds squeezers are loose. The blade is not properly positioned. Do not place Dark-coloured cups with large Bright-coloured balls (Ø80). Oranges are either too small or too large for the cups.
Blade breakage	The blade has been placed over its shaft.
The balls break	The Balls are loose. The nuts on the cups are improperly tightened. More than two washers have been placed under each ball.
Oranges are not thoroughly squeezed	Washers are missing under balls. Orange peels are too thin; place a maximum of one washer under balls.
Oranges dash out from the paddle	The paddle shaft is too dry; proceed to grease it. (Fig. 18)
The machine does not stop with cups in vertical position.	The process that must follow to modify the STOP point from the electronic plate is the following one: - To disconnect the machine by means of the back switch. - To connect again simultaneously that STOP is pressed. four numbers will appear in the screen. With the four numbers in screen (it appears 3 seconds) press button ON. A number from the 0 to the 9 will appear on the left of the screen. The shown number corresponds to tenth of second of delay in not operating of the machine, for which and if you need to stop the machine you have to select an inferior number than the shown one in screen. In order to change this number, press ON (when the screen shows the number to the left) number will change.

Enabling electronic to memorize this number, you will have to wait 5 seconds (the screen will show then a number in the central position, corresponding to the number of oranges selected).
Verify that the unemployment point is the correct one. If it's not, repeat the process with another value.

For any queries or request for spare parts, please state the model and identification number of your machine (Fig. 5).

13 LEGEND FOR ELECTRICAL DIAGRAM

1	Fuse	6	Cover micro-switch
2	Power switch	7	Motor
3	Electronic plate	8	Condenser
4	Counter micro-switch	9	Tray micro-switch
5	Cover micro-switch		



14 LIST OF COMPONENTS

Code	Description
0501A00B	CHASSIS
0502001G	GREY SQUEEZER TOP
0502002C	STAINLESS STEEL FRONT
0502003D	BODY
0502004	BLADE SLIDE COVER
0502005	CUP SLIDE COVER
0502006B	COMPACT FRONT COVER (PLASTIC ONLY)

Code	Description
0502007A	COVER CLASP (COMPACT FRONT COVER)
0502008	SIDE BASE STOP
0502009	SILICONE WASHER
0502011A	LOWER GRILL ZUMMITO
0502A00B	COMPACT FRONT COVER
0503001	FEEDER PADDLE
0503003	FEEDER LEVER SHAFT

Code	Description
0503004A	FEEDER LEVER
0503005A	FEED PADDLE ROD
0503006	FEEDER SPRING SUPPORT
0503007	FEEDER SPRING
0503010	BASKET AND FEEDER RAMP
0504001A	GEAR BOX TYPE SX-50 i=36:1 (BOX)
0504002B	MOTOR 0,33CV, 225v 50Hz
0504005	GEAR BOX POLEY (60XL 037)
0504006	PINION
0504007	BOLT & PINIONS WASHER
0504008	RACK
0504009A	BOLT (UPPER CONNECTING ROD)
0504010	CONNECTING ROD
0504012	RACK SLIDE
0504013	PRESS PLATE FASTENER
0504014-1	CUP SLIDE
0504015A	BLADE SLIDE
0504016	CUP SLIDE BAR
0504017	CUP SLIDE SPRING Z05-Z08
0504019	BELT 190XL 037
0504020	PLASTIC WASHER 7,5/15 X 1,5
0504026	SHAFT (GEAR BOX SX-50)
0504027	MOTOR ANCHOR
0504027-2	MOTOR CORRECTION ATTACHEMENT
0504028	BEVEL GEAR+LOWER CONNECTING ROD BOLT
0504A00	PRESS SET
0504B00	BLADE SHAFT
0504B04	BLADE SHAFT COTTER
0505002G	SQUEEZING TRAY (GREY)
0505003G	BLADE Z05 (GREY)
0505004G	BALL 80 (BRIGHT GREY)
0505005G	BALL 67 (DARK GREY)
0505006G	CUP 90 (BRIGHT GREY)
0505007G	CUP 75 (DARK GREY)
0505009A	CUP SHAFT
0505010A	FASTENING NUT WITH RAKED JOINT
0505010A-1	CUP NUT
0505010A-2	FASTENING NUT JOIN Ø20
0505011A	SQUEEZING-TRAY SHAFT
0505014	TRAY FILTER
0505016	PEEL EXTRACTING BANDS
0505020	M5 S.STEEL KNOB

Code	Description
0506001/2A	PROGRAMMER ZUMMEN 230V
0506002C	MICRO-COUNTER HOLDER
0506003	COVER MICRO HOLDER
0506005/1	COVER MICRO HOOP
0506006/1	SQUEEZING TRAY-MICRO CLAMP
0506007	MICRO (SHORT)
0506008	MICRO (LONG)
0506010	POWER CORD
0506014	POWER BASE WITH FUSES
0506015	BLACK BIPOLAR SWITCH
0506021	CONNECTION
0508002	Z06 S.STEEL BIN
0508008G	GREY DRIP TRAY
0508009	DRIP GRATE
0508013	RUBBER MOUNT (85mm)
4/9	MOTOR POLEY (14 XL 037)
6/2	BOLT (BALL BEARING HOLDER)
10/1/2A	Z06 GREY SERIGRAPHY
10/21	CONDENSER 30 µf
I-7982- Ø3.5X9.5	COUNTERSUNK HEAD SCREW Ø3.5X9.5 DIN-7982
I-7985-M4X12	DIN-7985 STAINLESS STEEL BOLT M4X12
I-84-M4X10	S.STEEL SCREW M4X10 DIN-84
I-9021-M4	FLAT WASHER M4 DIN-9021
I-963-M4X10	COUNTERSUNK HEAD SCREW M4X10 DIN-963
I-985-M4	S.STEEL SCREW M4 DIN-985
ROD.608ZZ	BALLS BEARING 608ZZ-C3 SKF
T-30/15-M6	MOTOR PAD T-30/15-M6
T-471-E8	SAFETY RING E-8 DIN-471
T-6885A-6X6X28	COTTER 6x6x28 DIN-6885A
T-7991-M6X30	COUNTERSUNK HEAD SCREW M6X30 DIN-7991
T-912-M8X35	ALLEN SCREW M8x35 DIN-912
T-912-M8X80	ALLEN SCREW M8x80 DIN-912
T-933-M8X20	SCREW EXAG. M8x20 DIN-933
V0001	INSULATING PAD (150X150)
V0016	GROUND CONNECTOR
V0017	SAFETY NUT NUL-515-1B
V0018	CHAIN JOINT 06B-1 9,525x5,72
V0081	FRONTCOVER CLASP KIT Z05 (2003)
V0133	JUICE TRAY WASHER

15 GUARANTEE

ZUMMO-INNOVACIONES MECÁNICAS S.A., through its official distributor, guarantees their machines for a period of TWO YEARS or for 200,000 squeezing cycles, valid from the date of delivery to the distributor, in accordance with the following conditions:

This guarantee covers all material or manufacturing defects.

If any faults are found during normal use and within the guarantee period, the defective parts will be replaced free of charge.

Repair or replacement of machine parts during the guarantee period, does not imply and extension in guarantee expiration.

The guarantee shall be valid only when presented with the original purchase invoice.

The original parts are covered by a six-month guarantee.

This guarantee does not cover

Any damages not directly caused by a fault of manufacturing or materials.

Any damages due to incorrect installation, abuse, improper use, modifications, accidents or negligence.

Any parts scratched due to use of improper washing.

Labour not covered by this guarantee.

Any damages caused by unauthorised staff or materials.

Any defects caused by use wearing down; in individual the following component:

- 0505016 PEEL EXTRACTING BANDS

Technical assistance

In case of damages caused during the guarantee period, we suggest you contact the Authorised Dealer who supplied the unit, or call ZUMMO:

E-mail:sat@zummo.es

Tel:+34.96.1301246

Fax:+34.96.1301250

Any repairs not authorized by ZUMMO during the guarantee period will cause immediate termination of the guarantee.

16 WASTE AND RECYCLABILITY

Used equipment

European Union



This symbol indicates that the electrical and electronic parts in the machine must not be discarded with general domestic waste. If you wish to discard this equipment, do not use your everyday bin! There is a special collection system for these products.

For more information on the collection and recycling of this product, contact your local collection service, waste disposal controller or the dealer who sold you the product.

By discarding the product correctly, you will be helping to preserve natural resources (recycling of materials) and to prevent possible harmful effects on the environment and on the health of people, through the improper treatment of the discarded product.

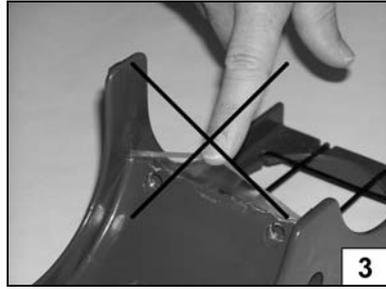
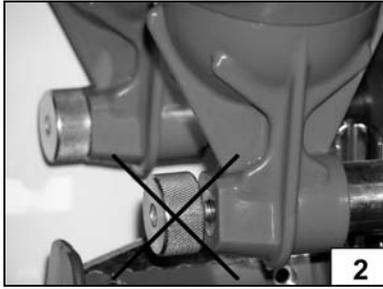
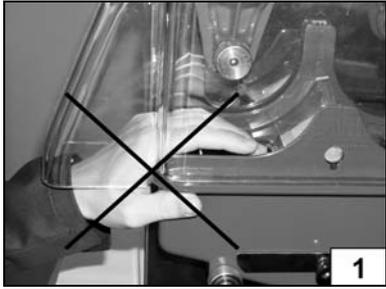
The incorrect removal of this waste may carry a penalty, in accordance with national legislation.

Countries outside the European Union

If you wish to dispose of this product, do so in conformity with the current national legislation or with other regulations from your country relevant to electrical and electronic equipment waste.

Packaging

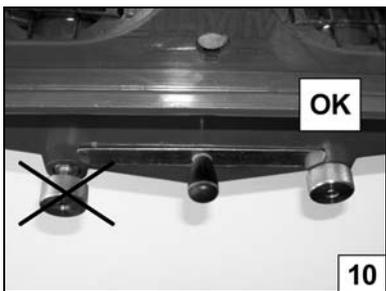
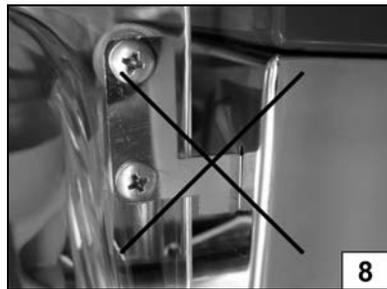
To dispose of the packaging, take into account the local regulations for this type of waste. Separate the different waste materials from the packaging and send them to your nearest waste collection centre.

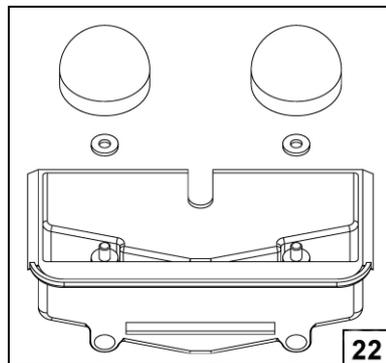
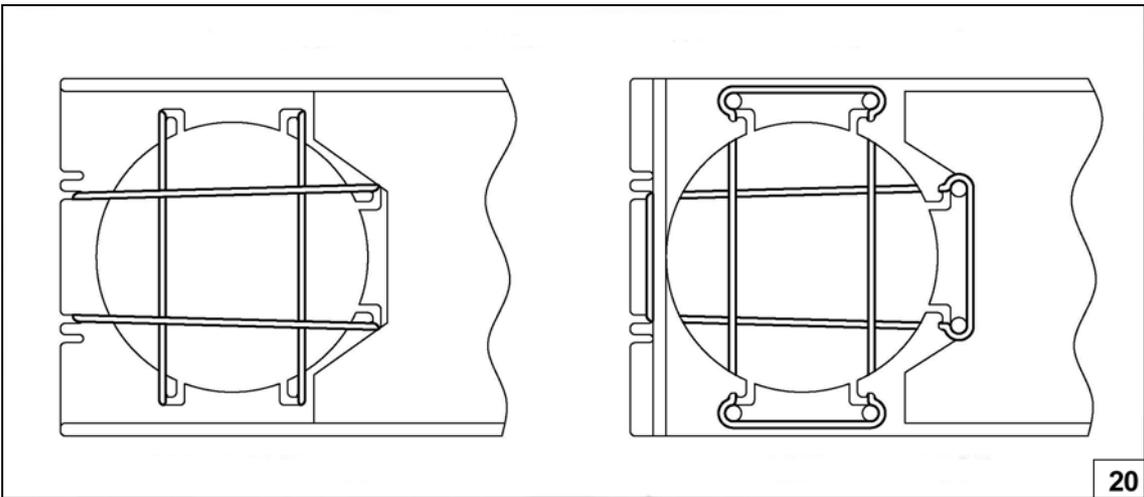
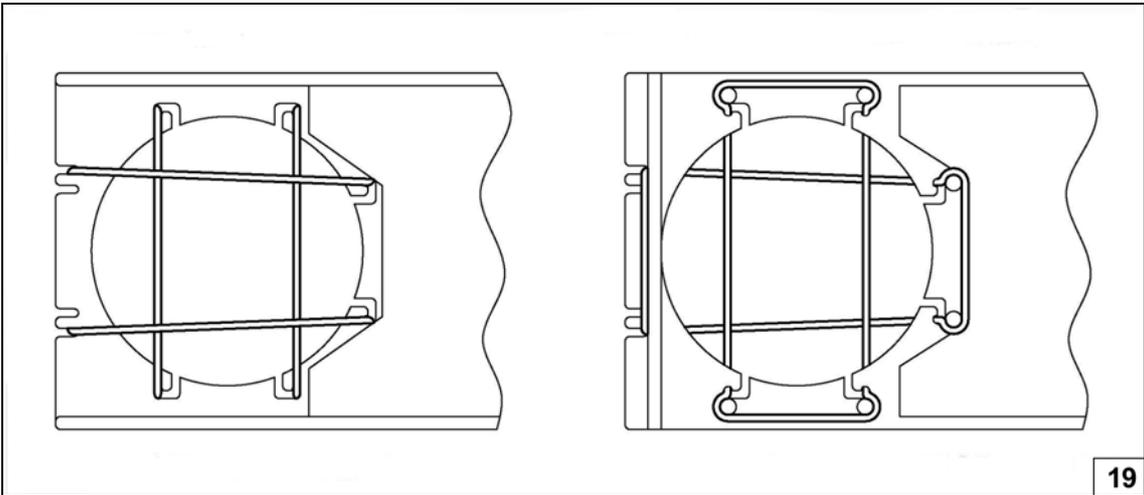


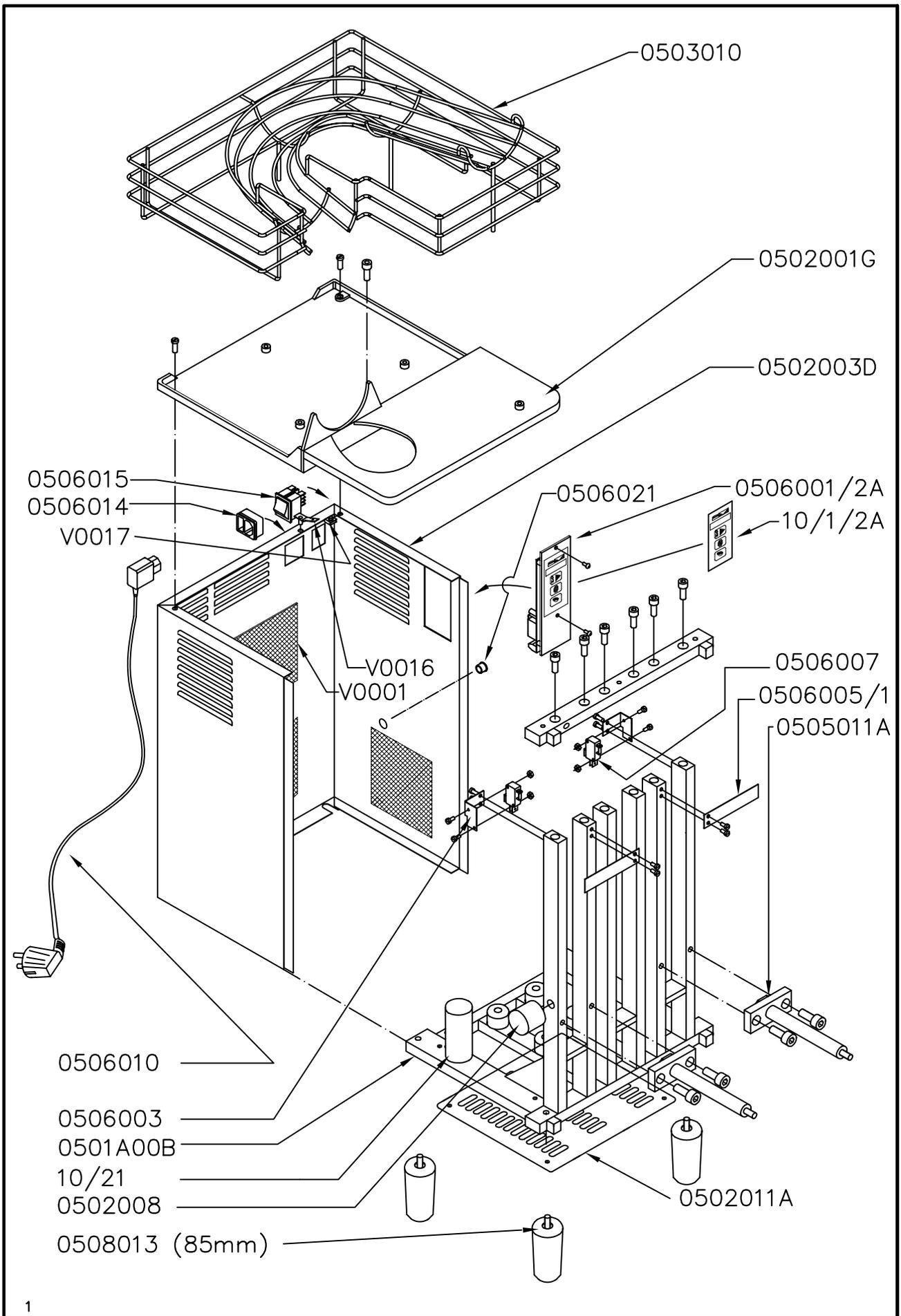
ZUMMO INNOVACIONES MECANICAS,S.A.
Tel. +(34) 96 130 12 46 - 50 FAX
model: Z06A n°
230V ~ 50Hz 1,3A 275W
PATENTED MADE IN SPAIN

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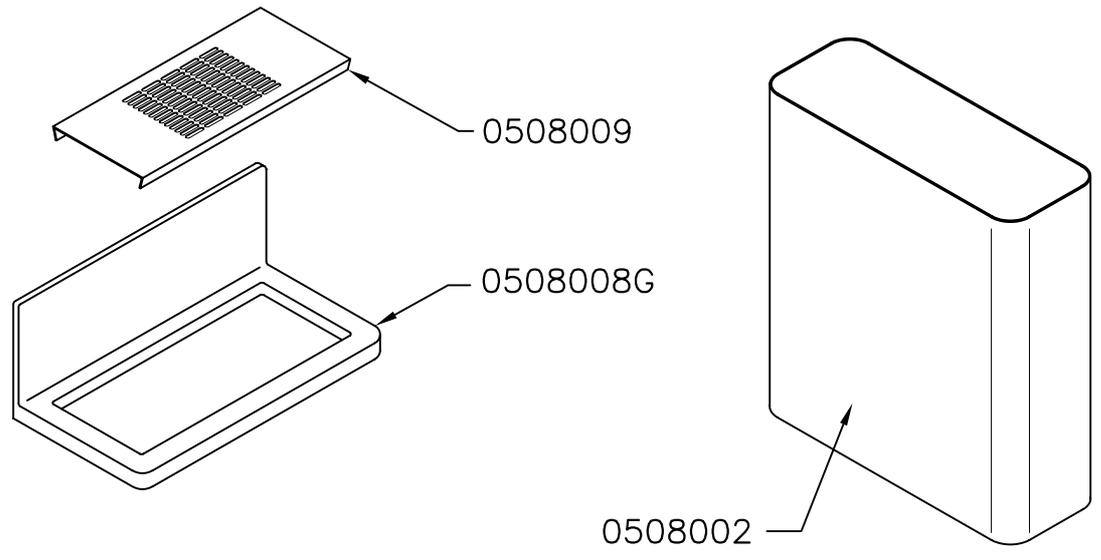
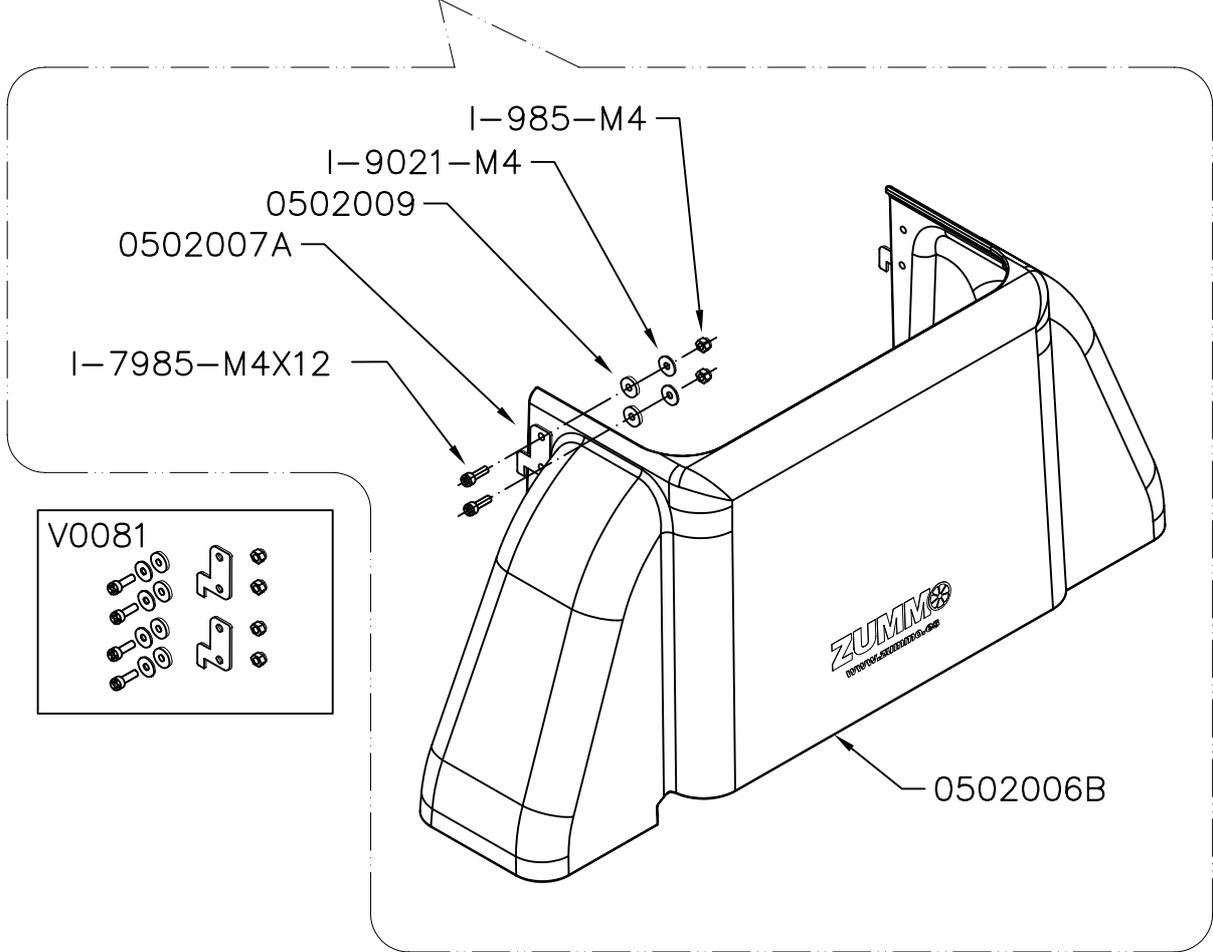
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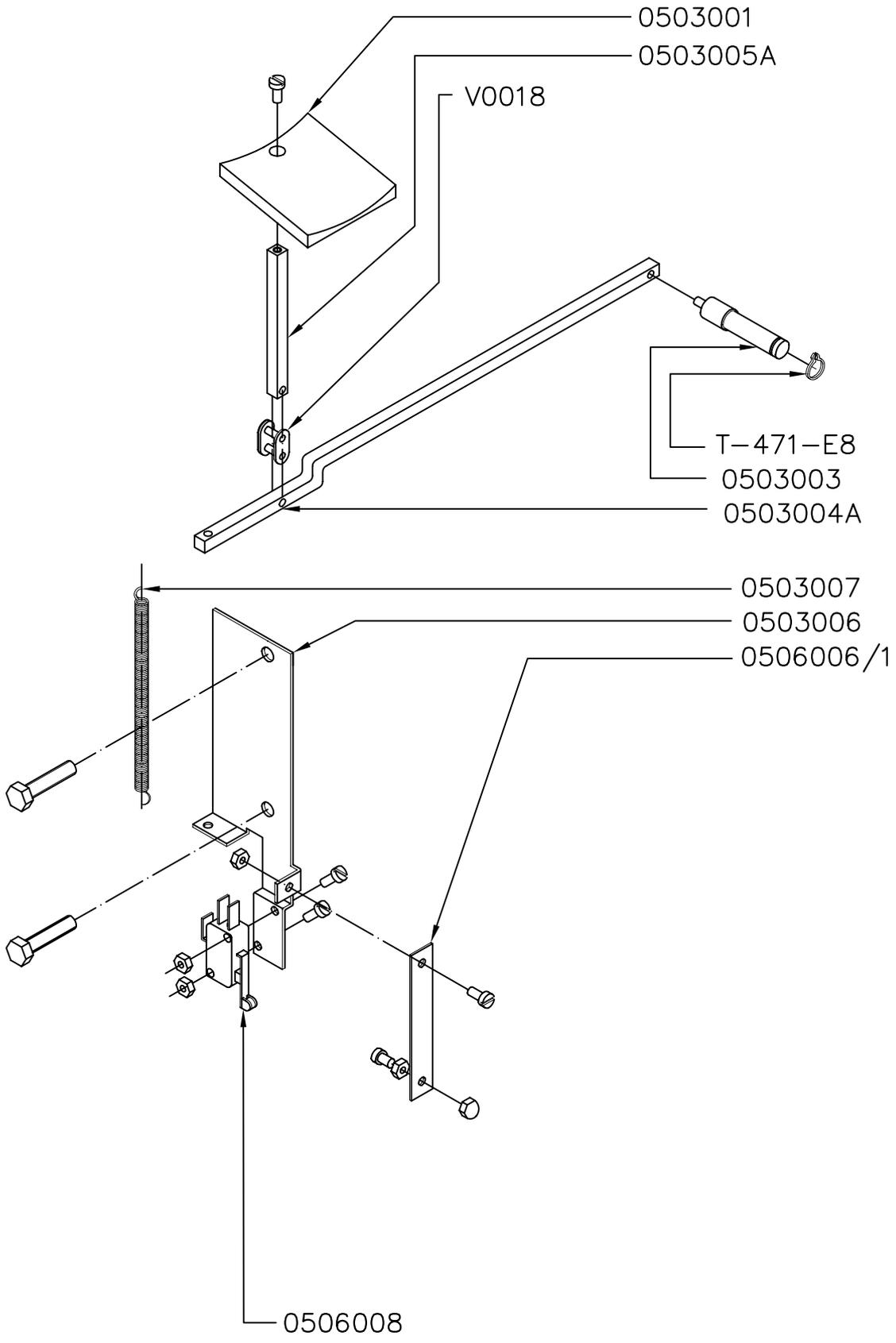


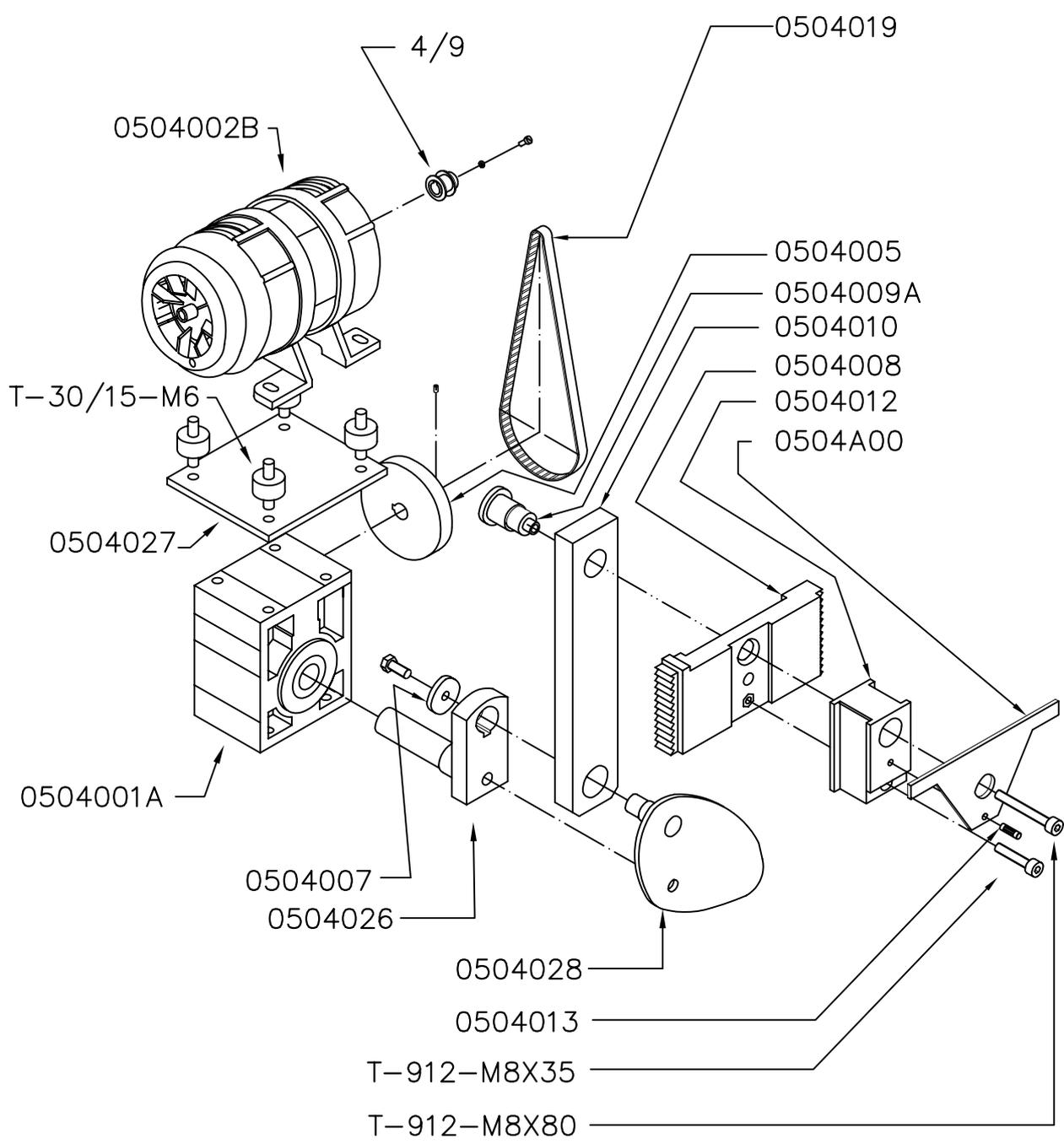


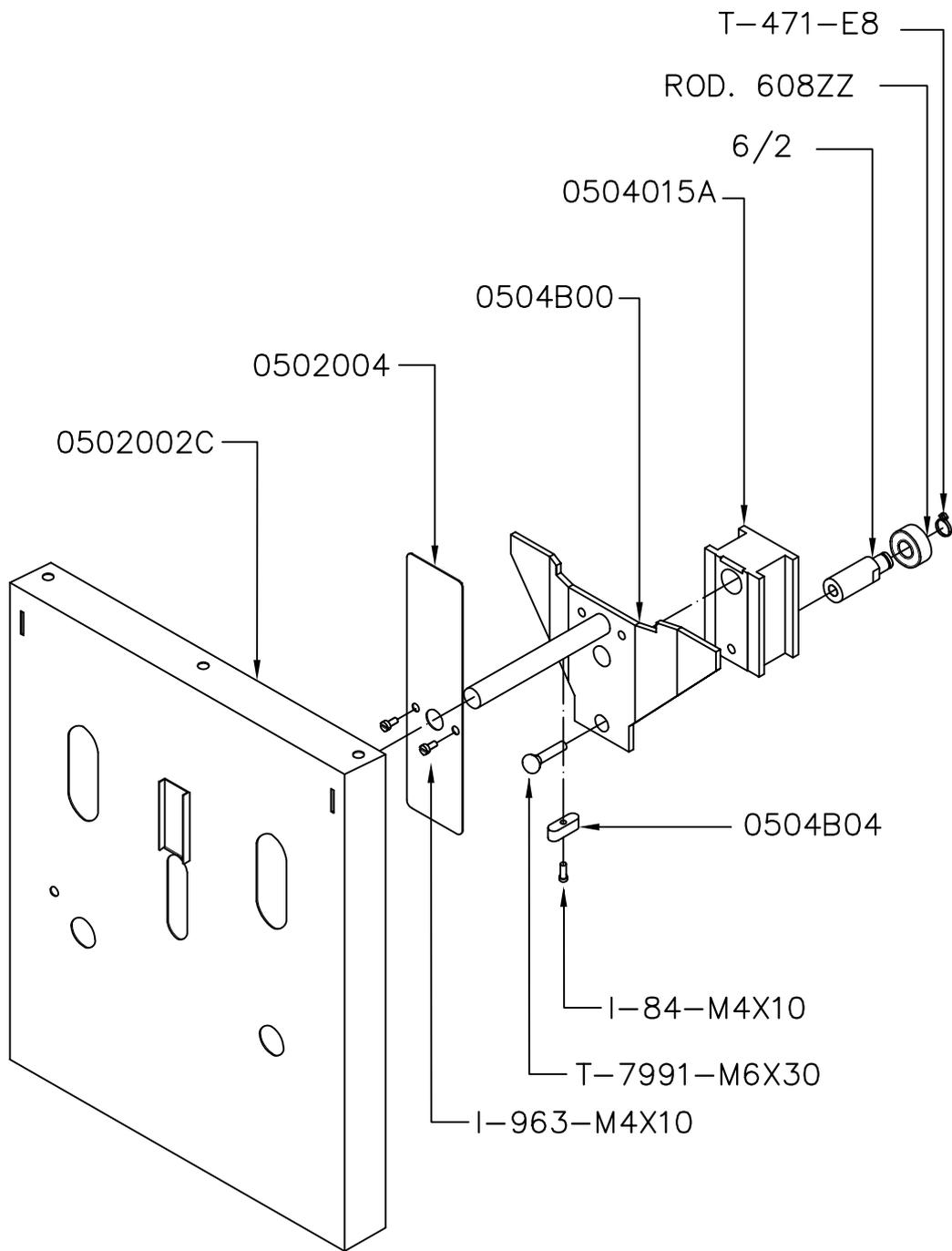


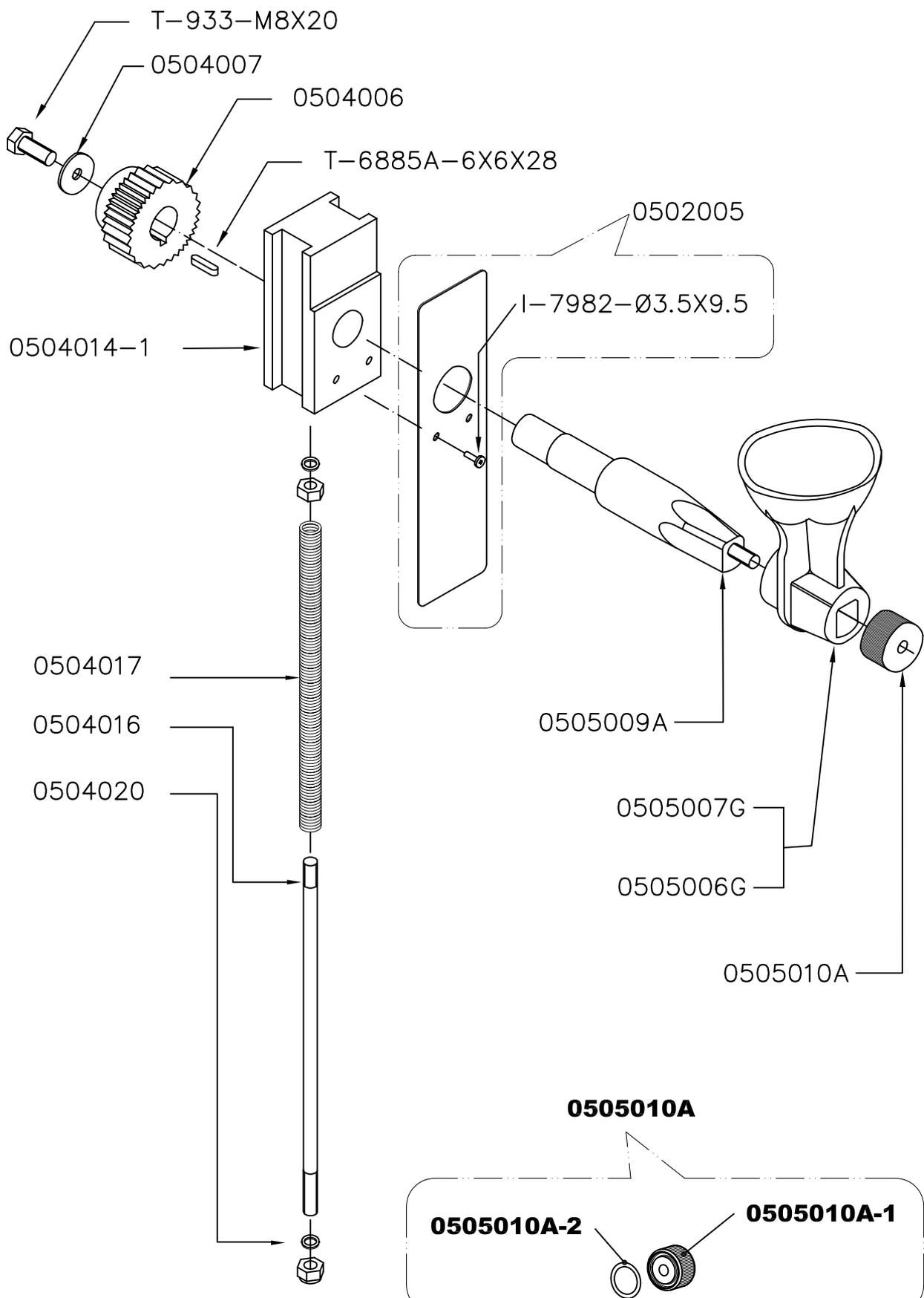
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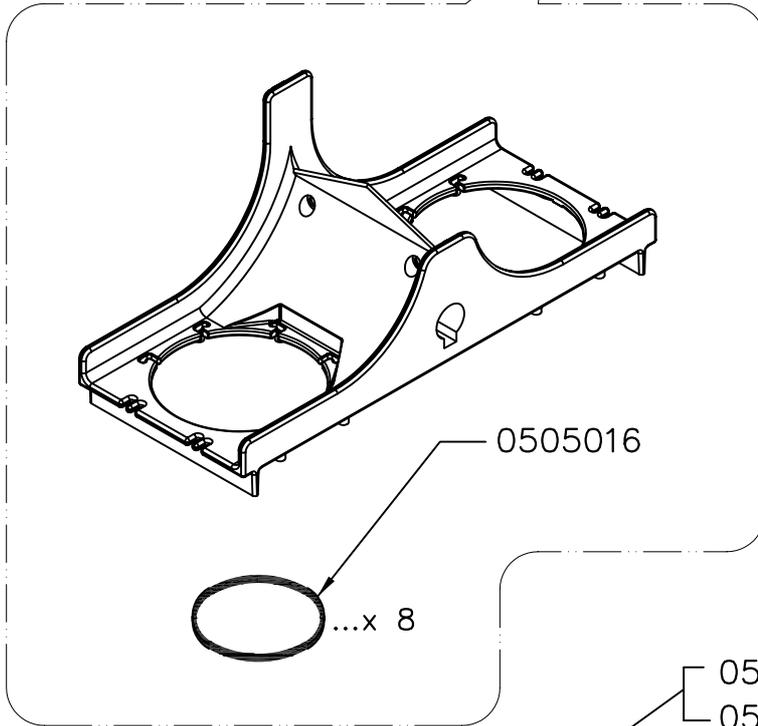








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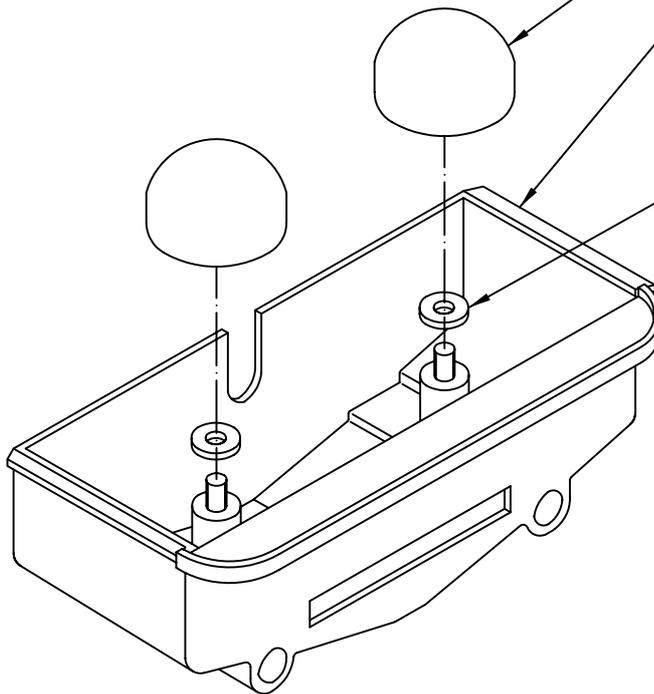


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