

Victoria 5

PEZZI DI RICAMBIO

PIECES DE RECHANGE

SPARE PARTS CATALOGUE

Istruzioni
Instructions



Disegnato da *Conten*

Controllato da

Data 3/1/86

Modifiche

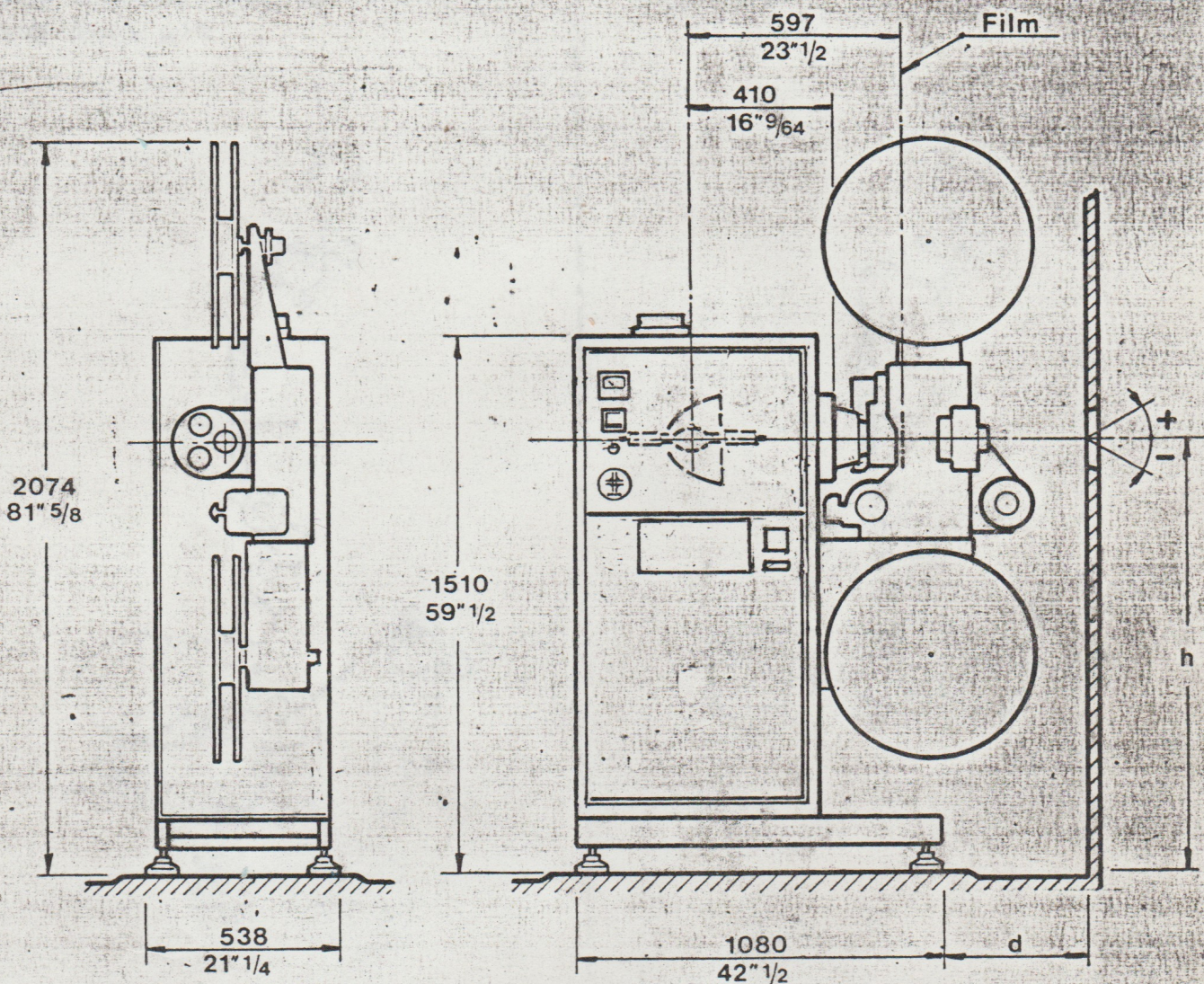


CONSOLE CC4000H CON VICTORIA 5

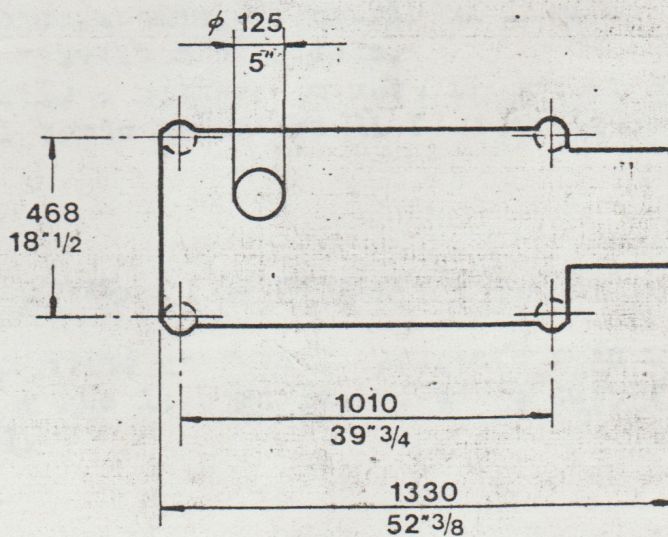
8188

Misure d'ingombro

Overall dimensions

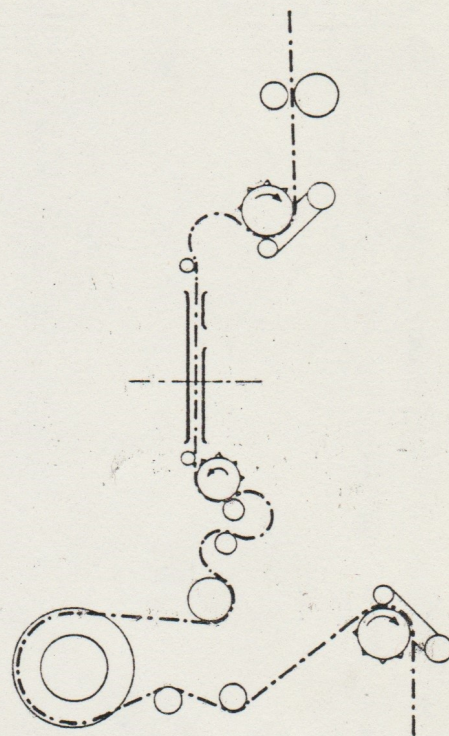
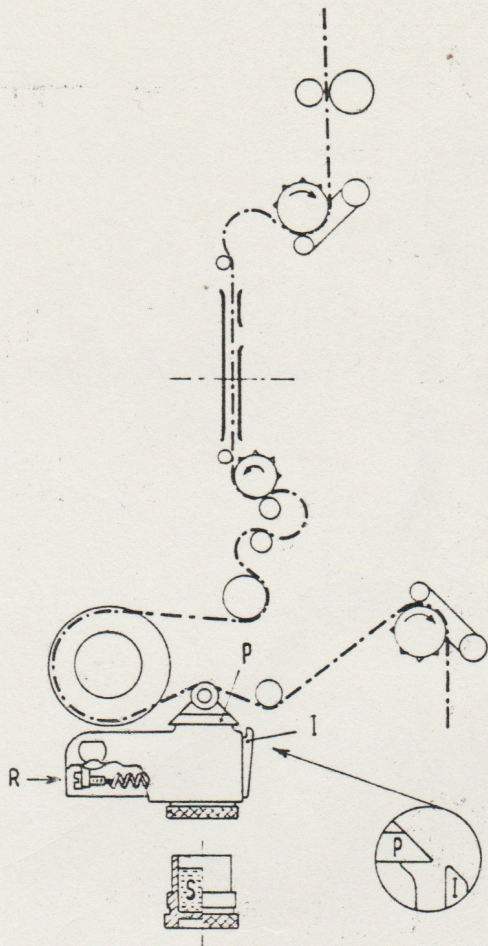


angolo angle	d mm.	h	d inches	h
+1°	400	1220	15 3/4	48
0	350	1210	13 3/4	47 5/8
-2°	400	1190	15 3/4	46 7/8
-4°	450	1160	17 3/4	45 5/8
-6°	500	1130	19 3/4	44 1/2
-8°	550	1092	21 5/8	43
-10°	600	1045	23 5/8	41 1/8



Con compensatore idraulico
Avec compensateur hydrauliques
With dash pot

Standard



RIEMPIMENTO - Svitare il bicchierino, riempirlo di liquido S fino ad un centimetro dal bordo e riavvitarlo in sede.

REGOLAZIONE - Montare il film e mettere in moto il proiettore, ruotare la vite R fino a che il bordo inferiore di P coincida con l'indice I.

REMPLISSAGE - Dévisser le godet, et le remplir de liquide S jusqu'à 1 cm. du bord supérieur.

REGLAGE - Une fois le film monté et avec le projecteur en marche, tourner la vis R jusqu'à ce que le bord inférieur du support P vienne à coïncider avec l'index I.

FILLING - Unscrew the pot, fill it with fluid " type S " till 1/2" from the rim then but back in.

DASH POT ADJUSTMENT - Thread the film and, while the mechanism is running, rotate the screw R until the bottom edge of P corresponds to the pointer I.

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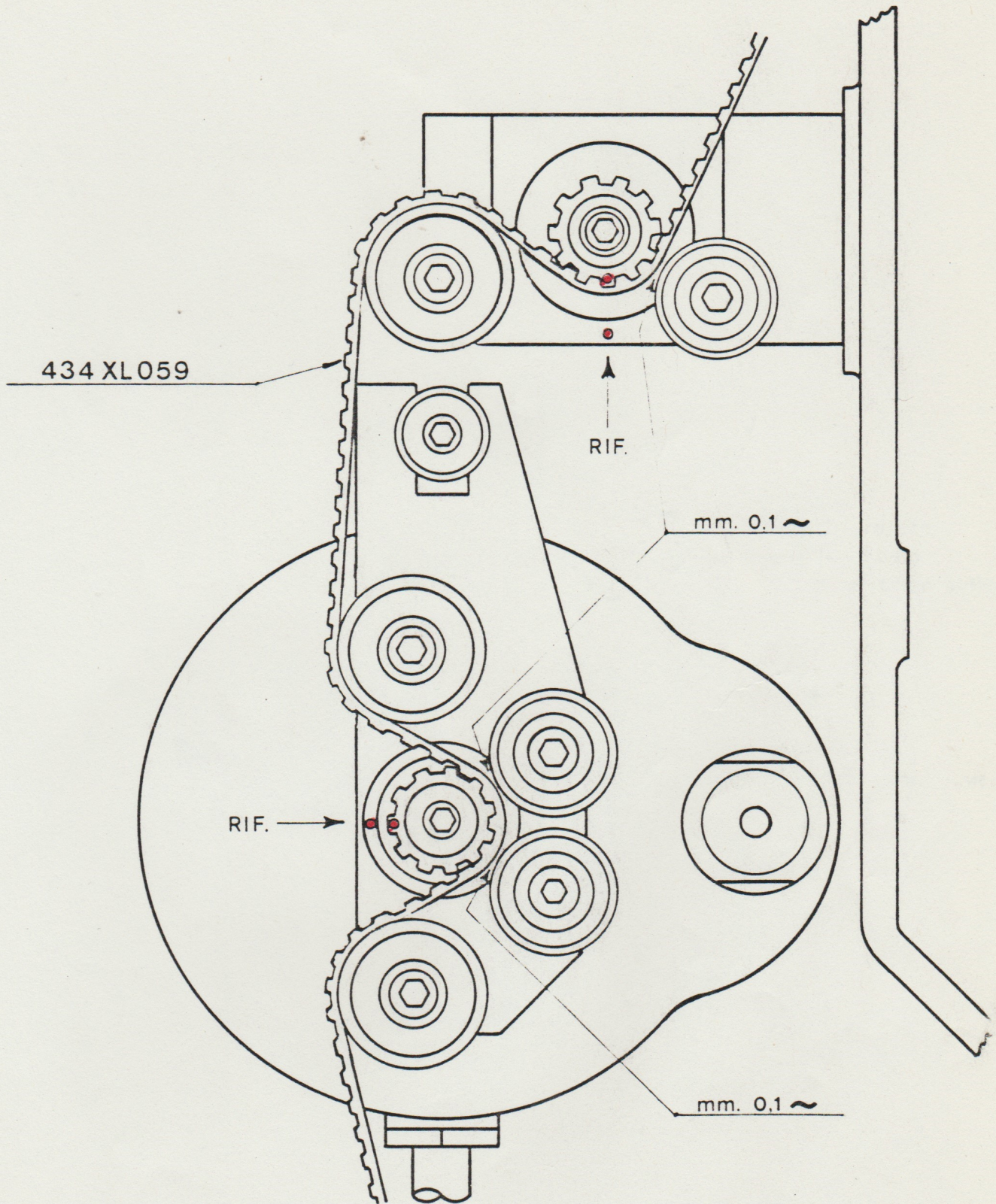


VICTORIA 5 - V 57

Messa in fase proiettore - Shutter phasing

7478

Data 24-7-81
Modifiche



RIFERIMENTO FASE

Nel sostituire la cinghia dentata assicurarsi che i punti di riferimento coincidano e che il tratto di cinghia fra i due pignoni sia ben teso.

PHASE REFERENCE

When belt is replaced make shure to have the reference points facing each other with belt well tight.

Disegnato da *Ruggieri*
Controllato da



VICTORIA 5

Ruotismi e tensione cinghie

Toothed pulleys and belts

7499

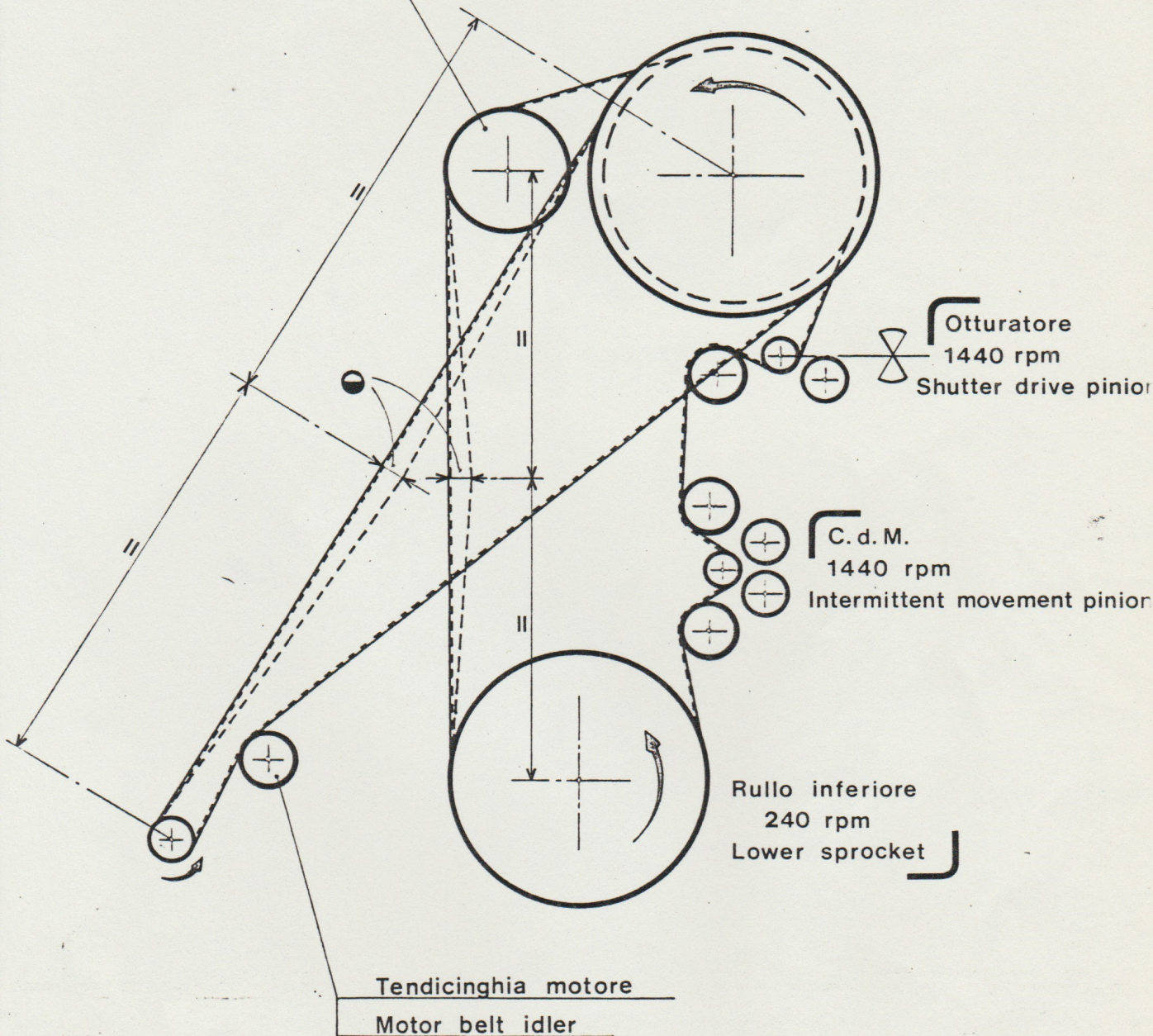
dal N° 3500

Data 23-12-79

Modifiche
Lucido rifatto
22-7-81

Tendicinghia proiettore

Projector belt idler



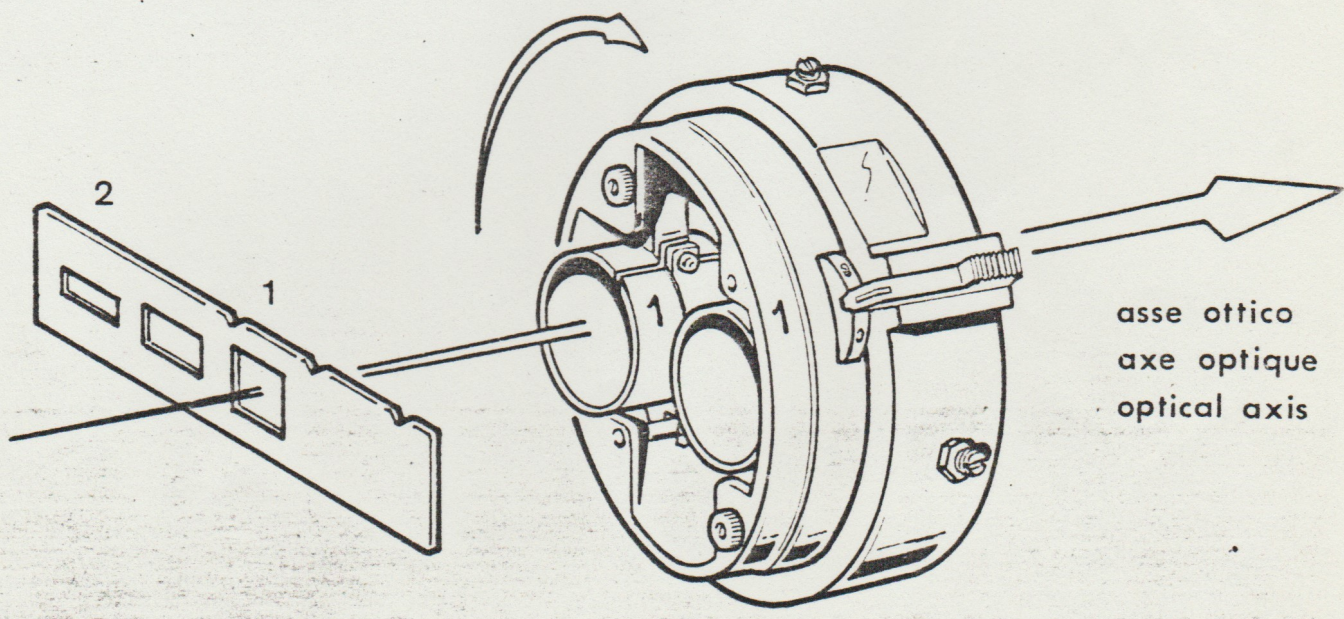
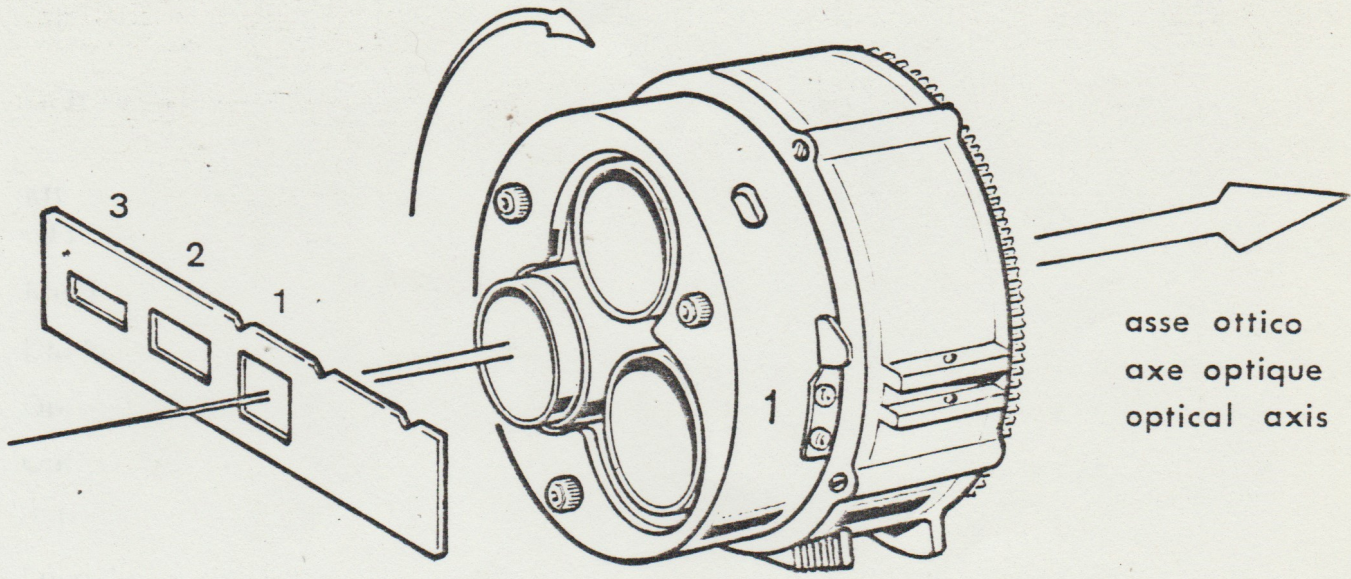
Disegnato da *Fuggiero*
Controllato da



Posizione quadruccio rispetto all'obbiettivo
Aperture to lens holder initial coupling
Couplage tourelle caches

7674

Data 26-5-77
Modifiche



Disegnato
da *Fantoni*

Controllato
da

Data: 5-11-86

Modifiche



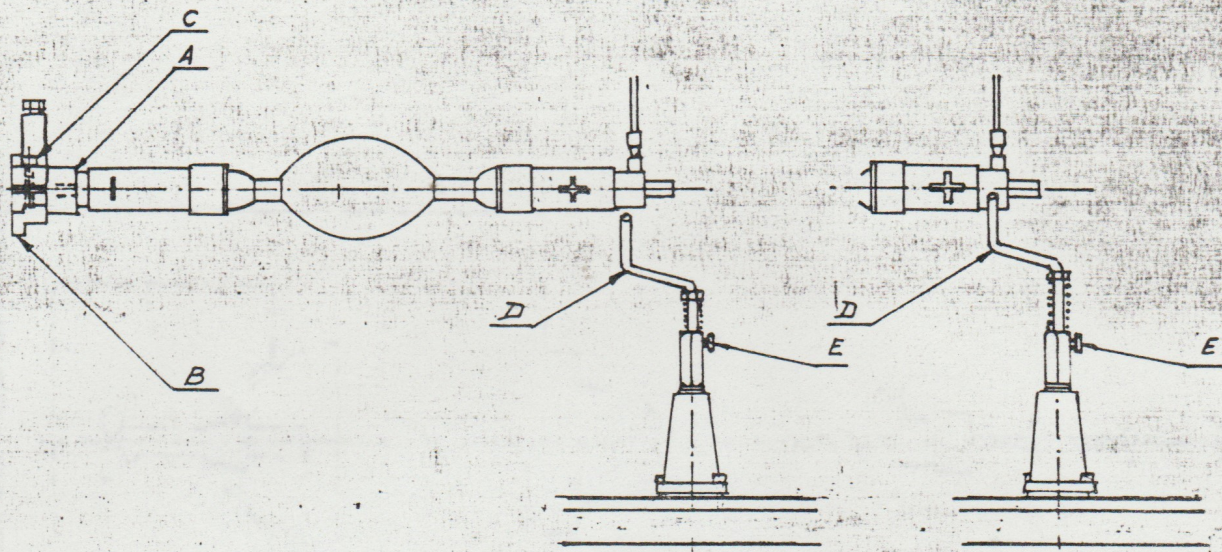
CONSOLE CC4000H

Montaggio lampada 4000 W

Montage de la lampe 4000 W

4000 W bulb mounting

8190



Assicurarsi che la forcetta "D" sia abbassata e fissata con la vite "E".

Montare sulla lampada l'adattatore "A".

Fissare la lampada sul morsetto "B" del dispositivo porta lampada agendo con l'apposita chiave sulle viti "C".

Dopo la centratura allentare la vite "E" in modo che la molla porti la forcetta "D" ad adattarsi sulla lampada

S'assurer que la fourchette "D" soit baissée et fixée avec la vis "E".

Monter sur la lampe l'adaptateur "A".

En utilisant la clé sur les vis "C" fixer la lampe sur la borne "B" du dispositif porte-lampe

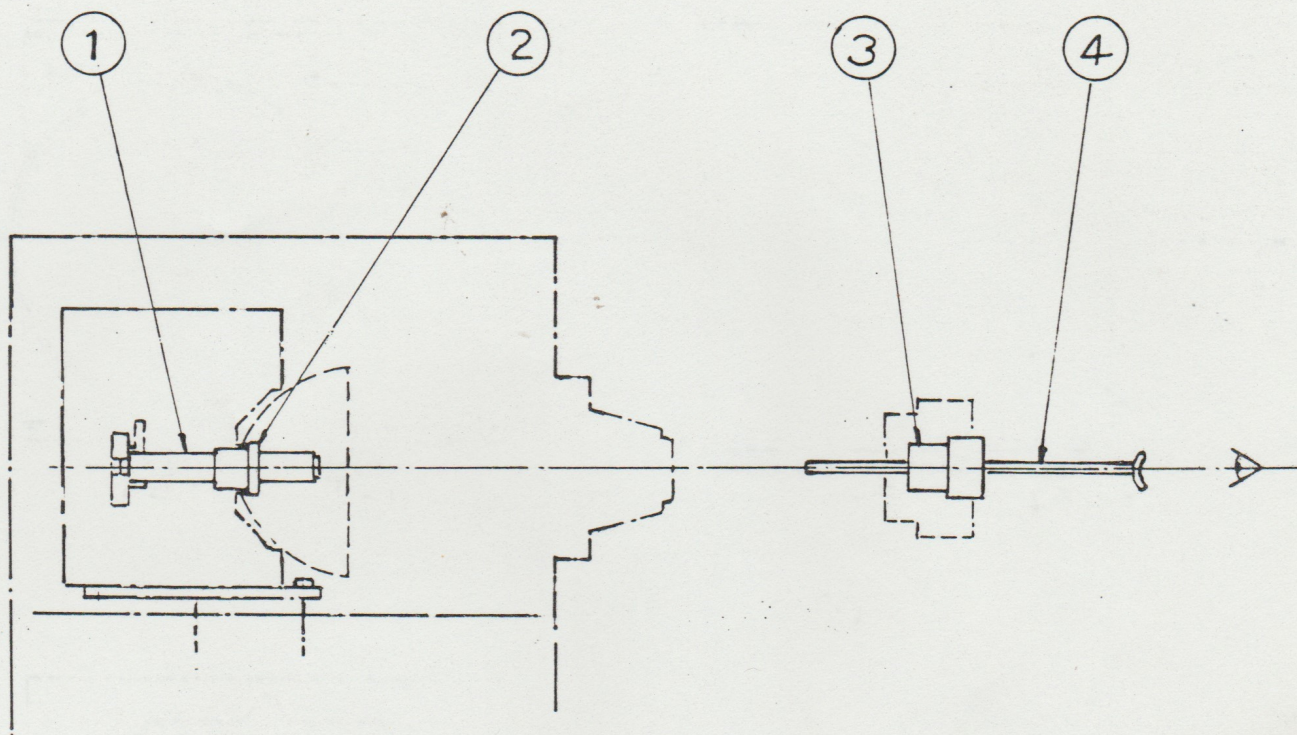
Après le centrage, desserrer la vis "E" pour que la fourchette "D" puisse s'adapter sur la lampe à l'aide du ressort.

Please remember to lower "D" fork and lock it with "E" screw.

Mount "A" adaptor on the bulb.

Using the key on "C" screws, fasten the bulb on to "B" clamp of bulb holder device.

After centering, unloose "E" screw so that "D" fork can reach the bulb.



ALLINEAMENTO OTTICO

- I) Montare il traguardo (1) nel dispositivo porta lampada
- II) Inserire la ghiera (2) nel centro della tazza
- III) Inserire l'adattatore (3) nel porta obbiettivo
- IV) Effettuare l'allineamento attraverso il cannocchiale (4) affinché i riferimenti risultino perfettamente coassiali.
(vedi 8191 2/2)

OPTICAL ALIGNMENT

- I) Insert (1) dummy bulb into bulb clamp
- II) Push (2) ring into center of mirror holder
- III) Fit (3) dummy lens into lens holder
- IV) Then align the three crosses through (4) eye piece.
(see 8191 2/2)

ALIGNEMENT OPTIQUE

- I) Monter le tube (1) sur le dispositif porte-lampe
- II) Pousser la bague (2) sur le centre du dispositif porte-miroir
- III) Mettre l'adaptateur (3) dans le porte-objectif
- IV) Effectuer l'alignement à travers la lorgnette (4) de façon que les trois références résultent alignées.
(voir 8191 2/2)

Disegnato
da *Antoni*

Controllato
da

Data 12-11-86

Modifiche

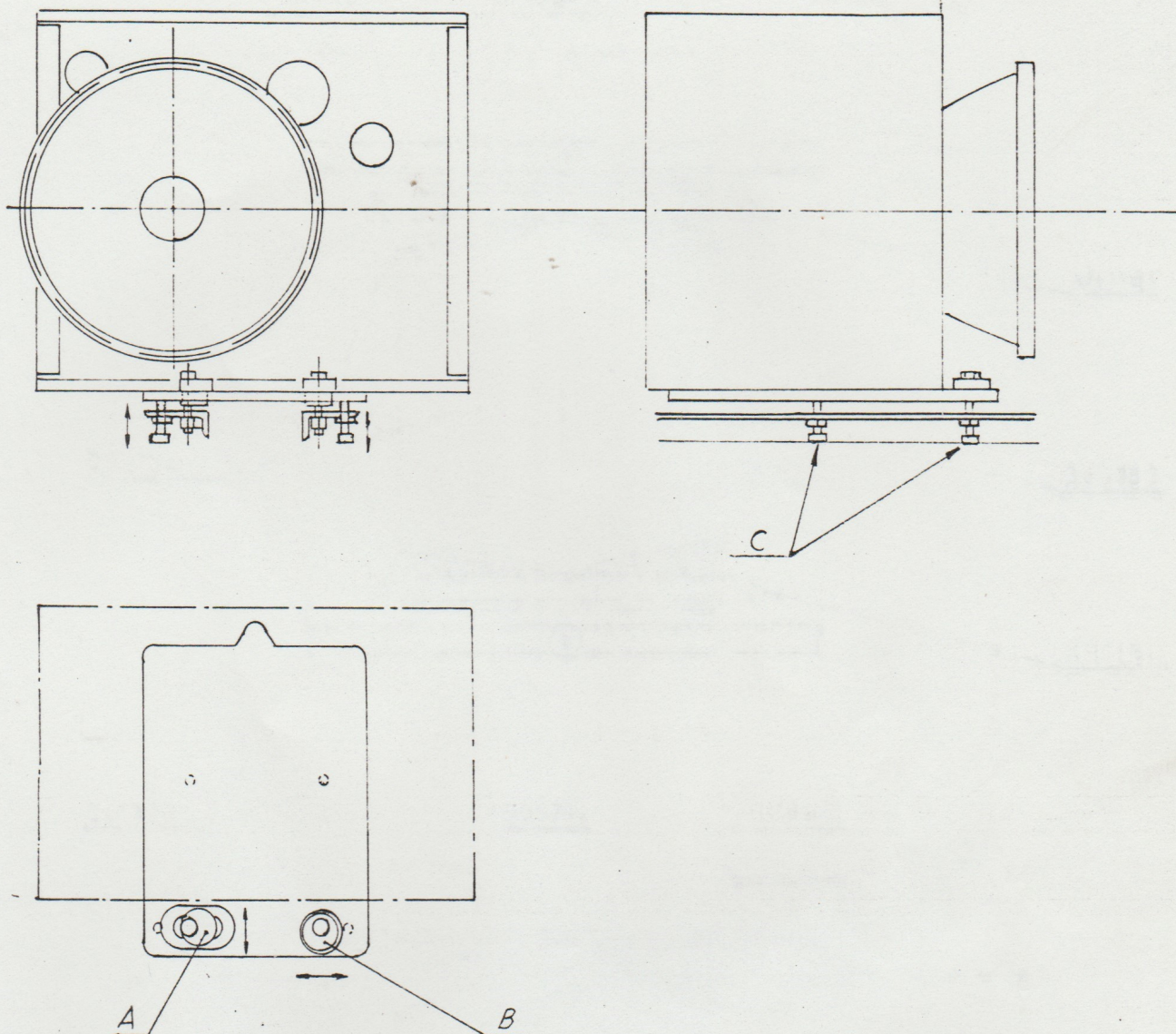


CONSOLE CC4000H

Allinamento ottico
Optical alignment
Alignement optique

8191

2/2



I movimenti orizzontali della lanterna vengono eseguiti agendo sugli eccentrici A e B; il movimento verticale sulle viti C.

The horizontal adjustments of the lamphouse box are obtained with A and B eccentric rings; the vertical adjustment with C screws.

Les mouvements horizontaux de la lanterne sont obtenus avec les excentriques A et B; le mouvement vertical avec les vis C.

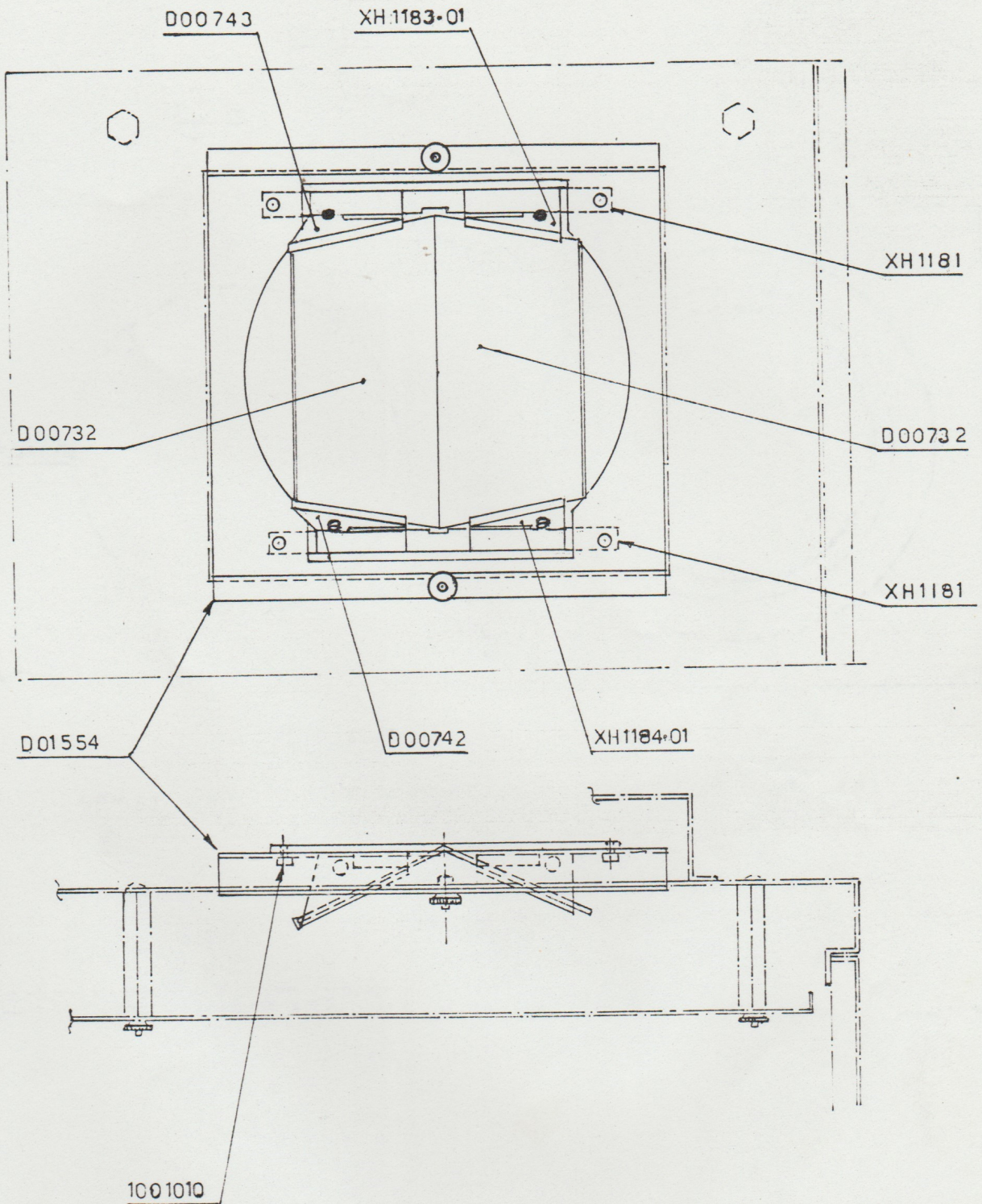
Disegnato
da Cantoni
Controllato
da
Data 12-11-86
Modifiche



CONSOLE CC4000H

Applicazione filtro calore
Fitting of heat filter
Montage du filtre chaleur

8192



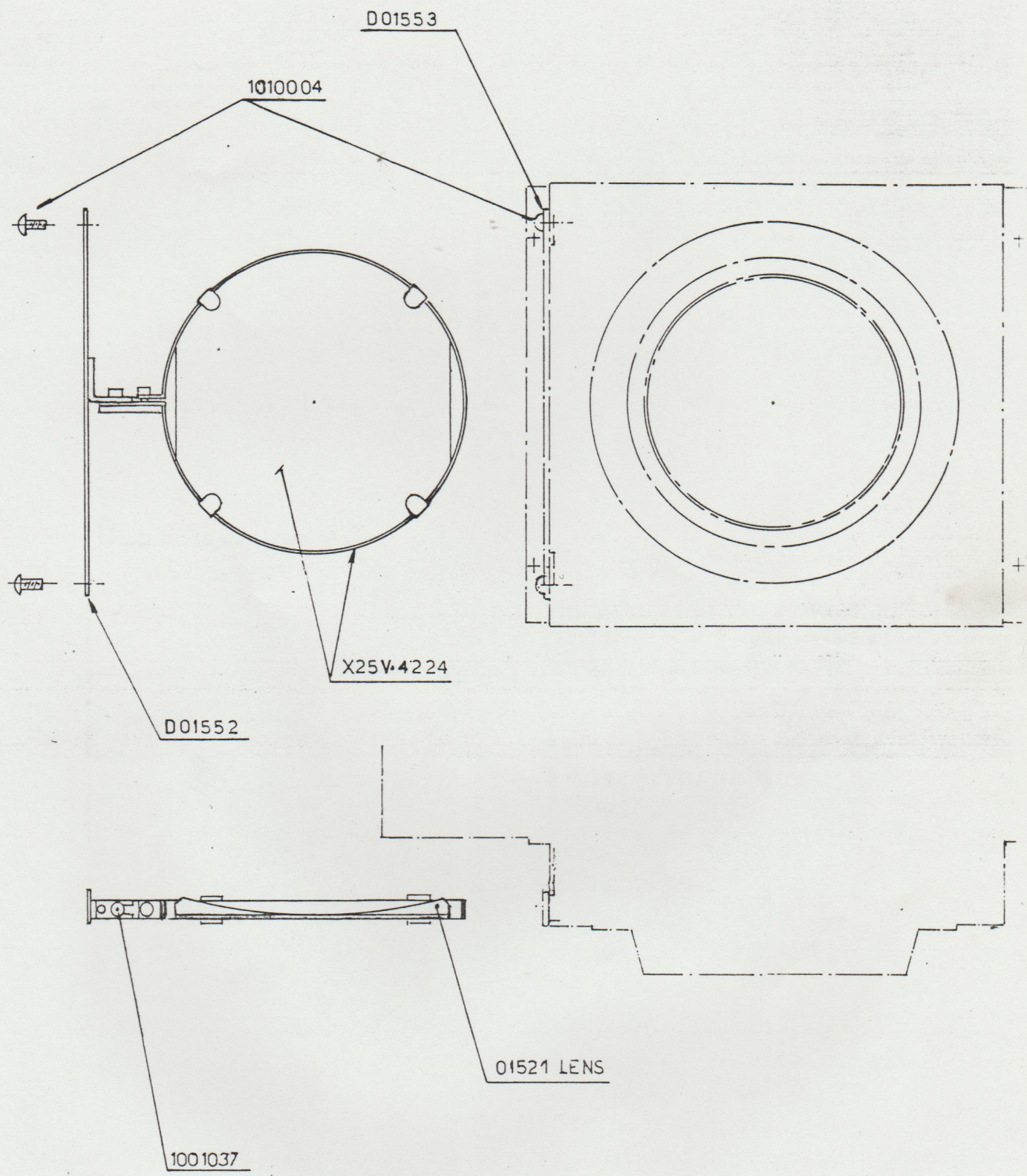
Disegnato
da Cantoni
Controllato
da
Data 12-11-86
Modifiche



CONSOLE CC4000H

Applicazione lente cilindrica
Fitting of cylindrical beam spreader
Montage de la lentille cylindrique

8197



Disegnato da *Conte*

Controllato da

Data *12-11-86*

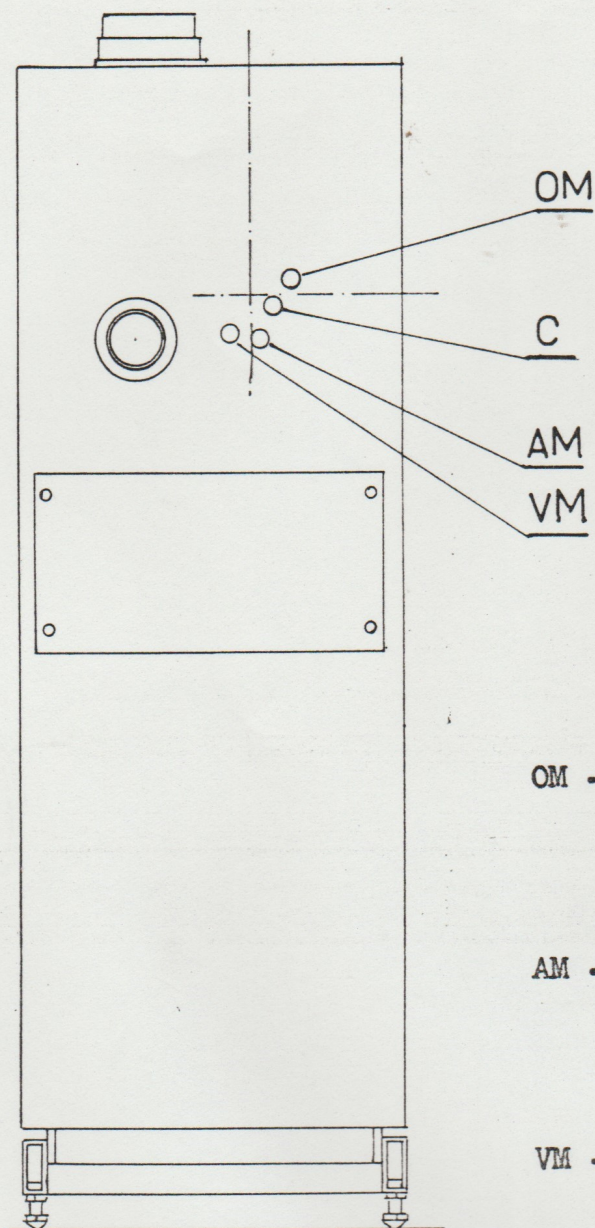
Modifiche



CONSOLE CC4000H

Regolazione lampada
Mise à point de la lampe
Bulb setting

8198



Inclinazione orizzontale
OM - Inclinaison horizontale
Horizontal adjustment

Spostamento orizzontale
AM - Déplacement horizontal
Focusing

Inclinazione verticale
VM - Inclinaison verticale
Vertical adjustment

Chiusura fori lanterna
C - Fermeture trous lanterne
Adjustment holes cover

Disegnato
da *Casoli*

Controllato
da

Data 1-12-86

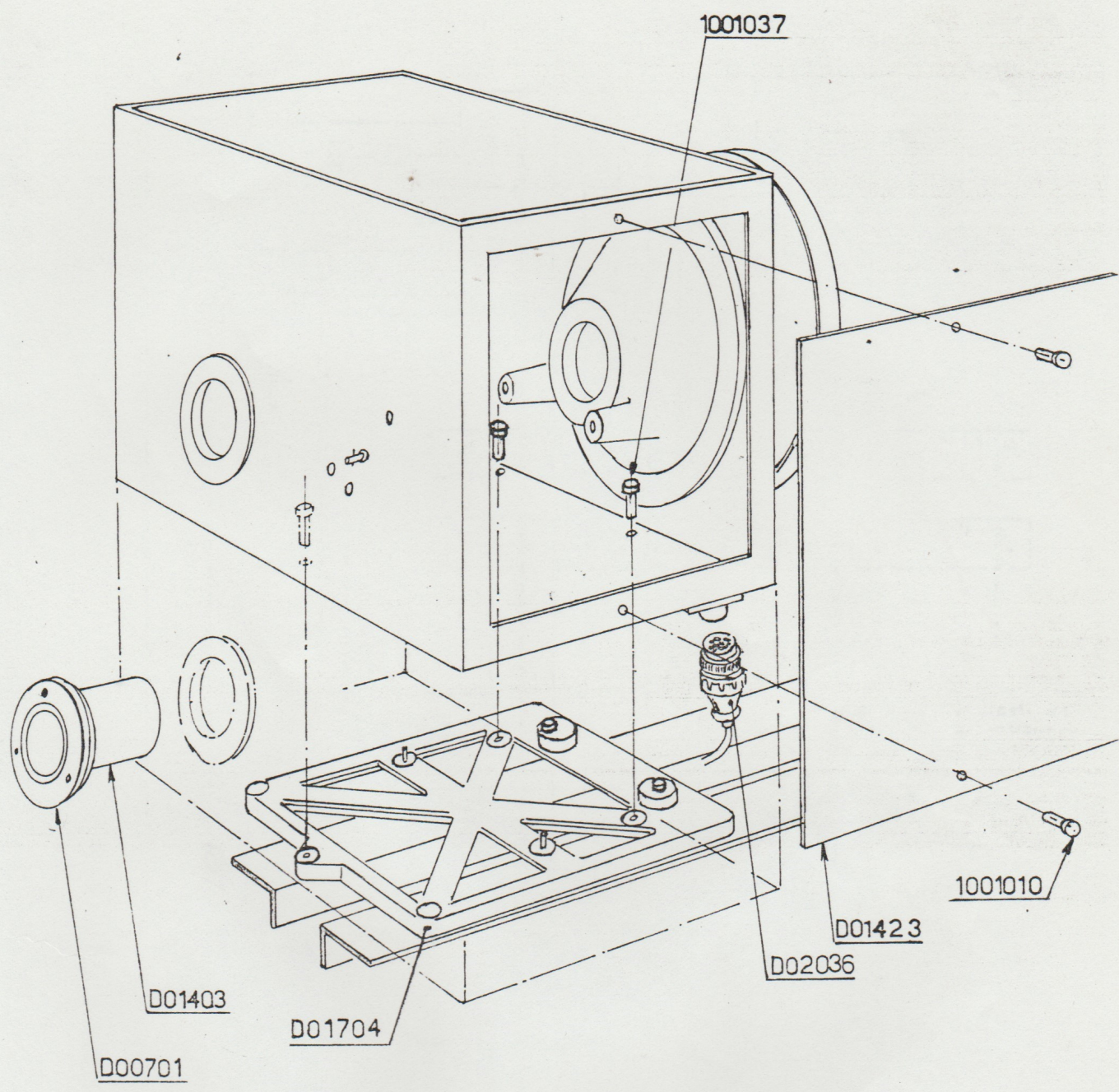
Modifiche
A) Sostituisce
precedente
vari numero
dalla Matricola
870008
25.2.87



CONSOLE CC4000H

Smontaggio lanterna
How to remove the lamphouse
Démontage lanterne

8205



Per l'eventuale smontaggio della lanterna evitare la rimozione della base D01704

Should it be necessary to remove the lamphouse, do not take away No. D01704 bottom plate.

Pour l'éventuel démontage de la lanterne éviter de enlever la base D01704

Disegnato da *RD*

Controllato da

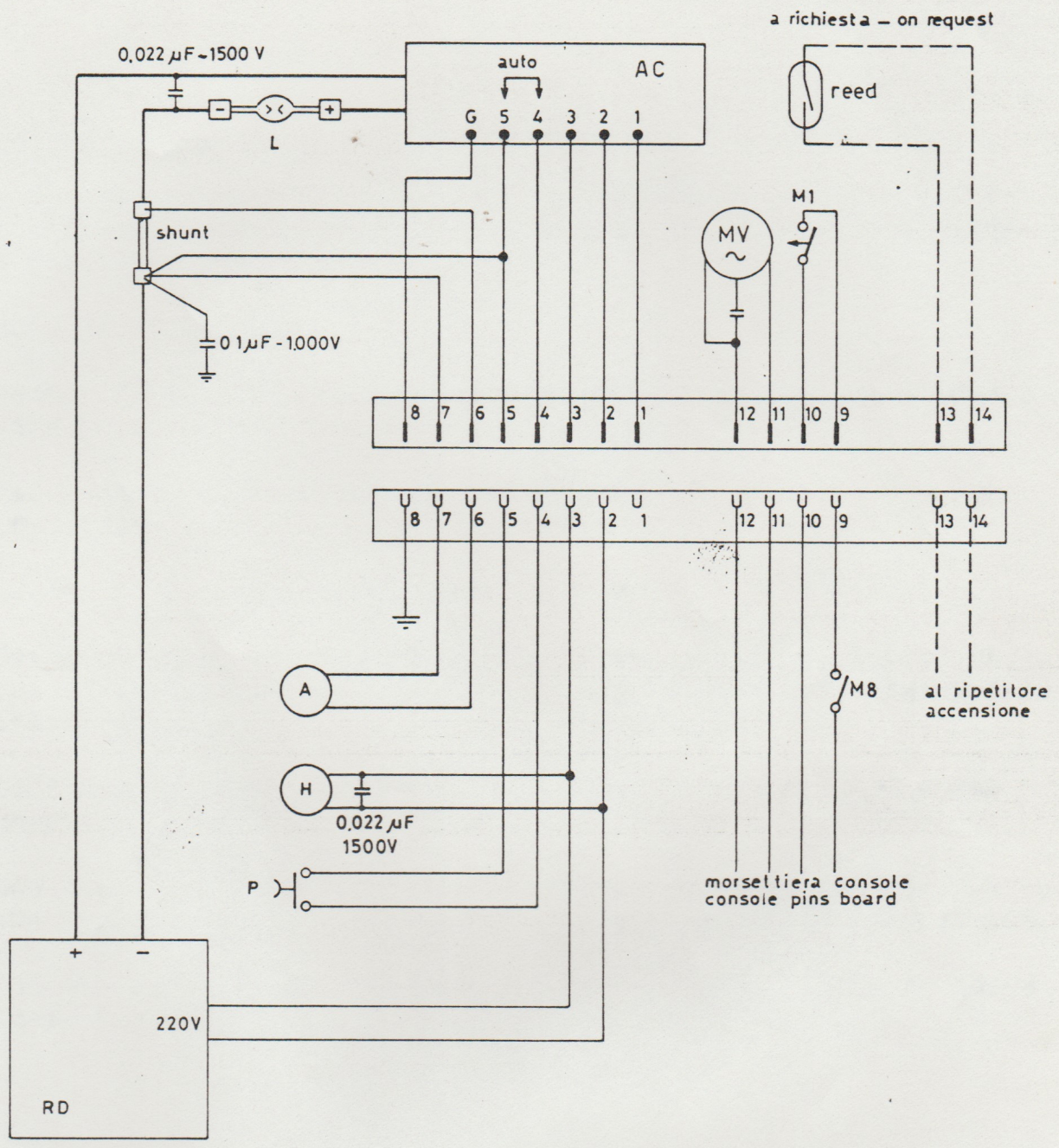
Data 21.04.87

Modifiche



LANTERNA ZX4000H LAMPHOUSE
per console - for console

8229



IREM
00862
01764
D00702
DX2-3385

AC accenditore
A amperometro
H contaore
L ampolla
MV ventilatore CX16H
MV ventilatore ZX4000H
M1 micro ventilatore
M8 micro portina
P pulsante accenditore
RD raddrizzatore

- striking
- ammeter
- hour meter
- bulb
- fan
- fan
- fan switch
- door switch
- starting push button
- rectifier



CC4000H OPTICAL ASSEMBLY

MAINTENANCE INSTRUCTION

The optical assembly of CC4000H console has been designed to be easily removed for maintenance without losing the optical alignment when being put back.

Proceed as follows:

- 1) Remove No.D01423 protection cover (projectionist's side)unscrewing No.1001010 screws.
- 2) Disconnect the positive and negative cables of the xenon lamp (rectifier side).
- 3) Loosen No.D02036 controls black connector.
- 4) Using an Allen wrench,unscrew the three screws(No.1001037)which fasten the optical assembly to the adjusting plate,working from inside the box.
- 5) Lift the optical assembly in such a way to disengage the two dowels.
- 6) Now the optical assembly can be removed from the console.Taking the upper cover away,its maintenance can be easily carried out.
- 7) Put the optical assembly back into the console following above steps backwards.

Alimentatore monofase stabilizzato, per l'alimentazione in c.c. della lampada di eccitazione, della lampada messa in quadro e del circuito di sicurezza proiettore.

Ingressi: 100-120-200-220-240V AC +20% -10%

Uscite :11V-1A non stabilizzata - +6V-1A stabilizzata - +1,25+6,5V-5A stabilizzata.

Residuo di alternata tipico $\leq 2\text{mV}$ per uscite stabilizzate.

Il trimmer R6 regola il valore max dell'uscita della lampada di ecc. prefissata a 6,5V. La taratura deve essere effettuata con il trimmer R7 al max (100). Il trimmer R7 regola la tensione della lampada eccitazione. Per regolare a distanza tale tensione, si può impiegare un potenziometro esterno da collegare ai morsetti 11-12 come indicato sullo schema. In questo caso il trimmer R7 deve essere posizionato sullo "0". Si consiglia di eliminare il vecchio reostato se presente nell'impianto.

Stabilized 1ph power supply for d.c. supply of exciter lamp, framing lamp and projector safety circuit.

Inputs : 100-120-200-220-240V a.c. +20% -10%.

Outputs:11V-1A non-stabilized - +6V-1A stabilized - +1.25+6.5V-5A stabilized.

A.C. ripple: $\leq 2\text{mV}$ for stabilized outputs.

The R6 trimmer adjusts the maximum output of exc. lamp. preset on 6.5V. The setting should be done with R7 trimmer at the maximum (100). The R7 trimmer is used to adjust the exciter lamp voltage. For remote adjustment of such a voltage, an external pot can be connected to No. 11-No. 12 terminals as per diagram. If so, R7 trimmer should be set to "0". The old rheostat, if fitted, should be removed.

Alimentateur monophasé stabilisé pour l'alimentation en c.c. de la lampe d'excitation, de la lampe de cadrage et du circuit de sûreté du projecteur.

Entrées: 100-120-200-220-240V c.a. +20% -10%

Sorties:11V-1A non-stabilisée - +6V-1A stabilisée - +1,25+6,5V-5A stabilisée.

Ondulation typique $\leq 2\text{mV}$ pour les sorties stabilisées.

Le trimmer R6 contrôle la sortie max. de la lamp exc. réglée à 6,5V. Le tarage doit être effectué avec le trimmer R7 au max (100). Le trimmer R7 permet de régler la tension de la lampe d'excitation. Pour régler à distance cette tension, on peut utiliser un potentiomètre extérieur, qui doit être connecté aux bornes 11-12 comme indiqué dans le schéma. Dans ce cas là, le trimmer R7 doit être positionné sur "0". On conseil d'enlever le vieux rhéostat, si déjà monté.

C1 - 10,000 μF 16V electrolytic

C2 - 10,000 μF 16V "

C3 - 10 μF 35V "

C4 - 1 μF 35V "

C5 - 10 μF 35V "

C6 - 1 μF 35V "

D1 ÷ D4 - 1N4004

IC1 - LM 317T

IC2 - LM 338K

R1 237 Ω 1% 1/4W

R2 909 Ω 1% 1/4W

R3 560 Ω 1/4W

R4 121 Ω 1% 1/4W

R5 560 Ω 1/4W

R6 2K cermet

R7 2K cermet

R8 2K remote potentiom.

Serve per LAMPADA ECCITAZIONE

Macchina ALIMENTATORE STABILIZZATO Gruppo

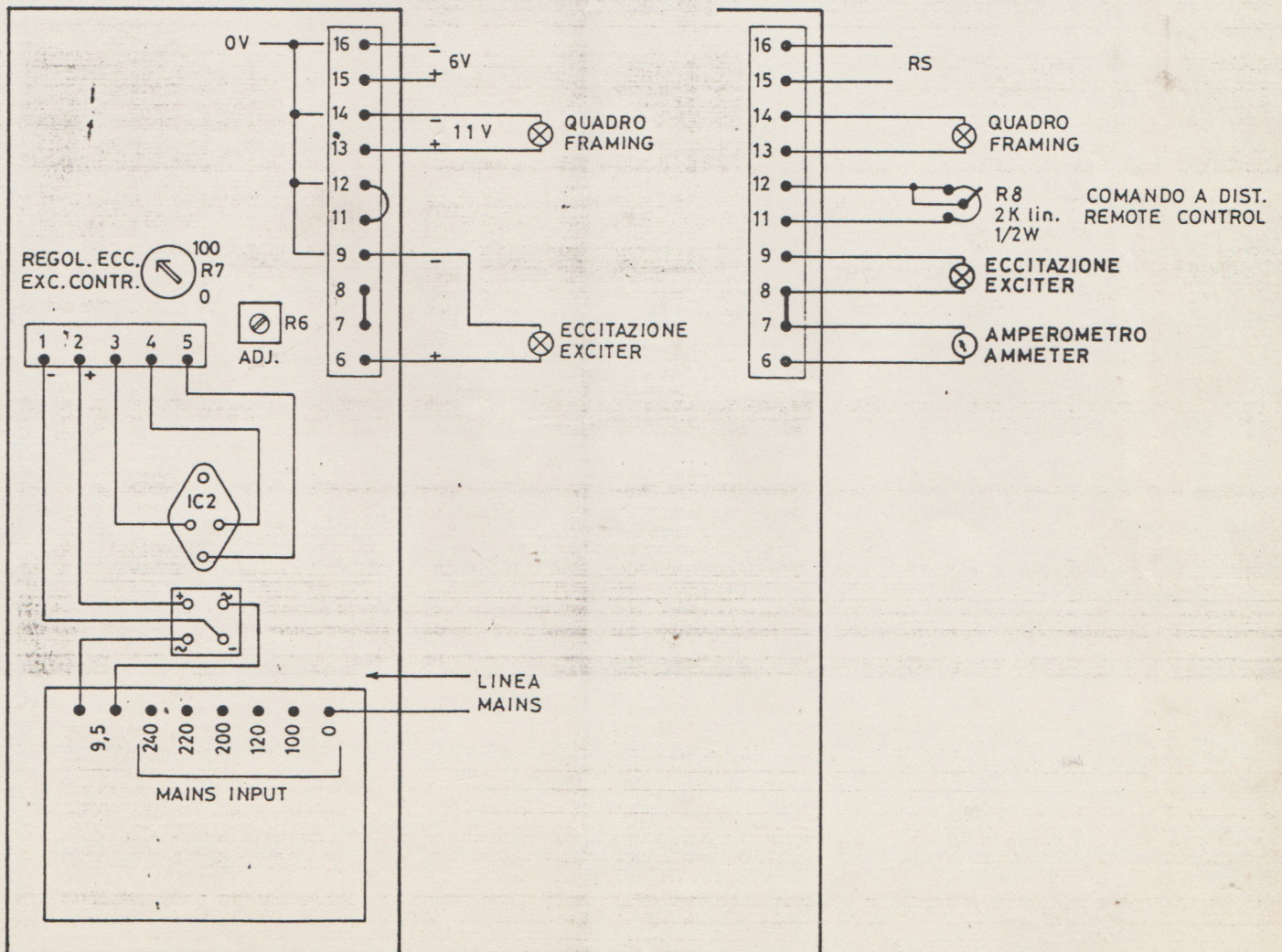
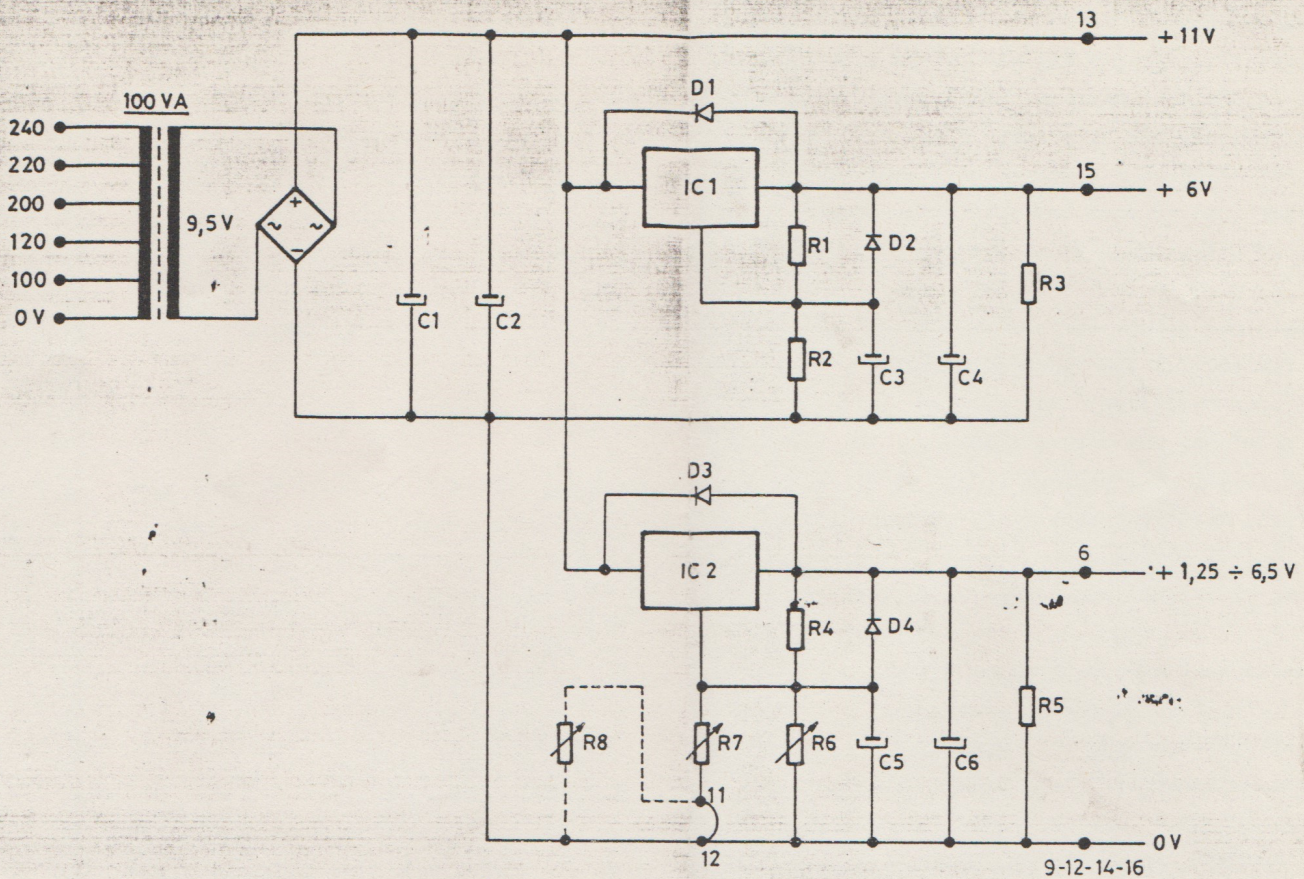
Particolare Dimensioni

N. Pezzi	Materiale	Peso	Trattamenti	Finitura	Ricav. dal dis.	SCALA

CINEMECCANICA s.p.a.

Dis. 8057

Indice



Regular Maintenance

Intermittent unit oil change:	1st change	50 hours
	2nd change	150 hours
	periodic change	every 500 hours
Belts replacement:	MI (forward-reverse)	1000 hours
	standard	2000 hours
MI (f/r) brake roller rotation (No. 8V-7405-11):	to projectionist's judgement	
Mechanism bearings greasing:	not needed	
Dashpot oil change:	every year	
Optical sound head roller arm:	to be greased every month	
Optical sound head shaft:	to be oiled every 400 hours	
Film pressure pads:	to projectionist's judgement	
Sprockets:	to projectionist's judgement	
Nylon rollers (removal or cleaning):	every month	
Film path cleaning:	every day	
Clutch felts:	to be oiled every month	
Clutch shaft bearings:	to be oiled every 2 months	

Special Maintenance

- 1) Intermittent unit
- 2) Shutter
- 3) Shutter drive assembly
- 4) Picture-sound microswitch assembly and Mascarini
- 5) Safety dowser solenoid
- 6) Upper/lower sprocket shaft assembly
- 7) Optical sound head
- 8) Gate pad replacement
- 9) Replacement of pressure pads
- 10) Dashpot assembly
- 11) Replacement of exciter lamp housing assembly
- 12) Shutter phasing
- 13) Belts replacement (it is recommended to loosen the idler pulley)
- 14) Weight compensated clutch adjustment with dynamometer
- 15) Replacement of 24 tooth MI (forward/reverse) sprocket shaft.

(1) Intermittent Unit Replacement

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M4, M5, M8 - UNI 5931
- b) Pliers for circlips
- c) 4mm dia. cylindrical pin.

As replacement unit we supply No. 5V-400-01 assembly shown on Fig. 5, but without parts No. 5V-438, 5V-436, 5V-425, 8V-466, 8V-469, 8V-470, 8V-471, 8V-472, 001C, 0025.

Remove the damaged unit according to the following procedure:

- 1) Remove the back cover of the main casting unlocking the two spring detents.
- 2) Loosen No. 5V-169 top belt idler (Fig. 1).
- 3) Loosen the screws of No. 5V-325 belt containment rollers (in some models they are still replaced by No. 00839 bearings).
- 4) Remove No. 5V-436 pinion taking off the screw connecting it to the shaft.
- 5) Take away No. 5V-170 mechanism belt (Fig. 1).
- 6) Take off the screw connecting No. 5V-438 assembly to No. 5V-449 spindle.
- 7) Take away No. 22-3654 circlip using the pliers.
- 8) Slip off No. 5V-438 assembly.

Now proceed on the outside of the main casting.

- 9) Remove No. 8V-597 intermittent sprocket roller arm assembly (Fig. 3) and the 16 tooth 001C (or 001) sprocket loosening the screw which fastens No. 0025 washer with key.
- 10) Take away No. 8V-472 circlip.
- 11) Using the 4mm dia. cylindrical pin, loosen No. 8V-469 spring adjusting bush, remove No. 8V-466 spring and No. 5V-425 clutch washer.
- 12) Take away the intermittent unit.

Replace the unit with a new one and repeat the above steps backwards.

Note: When refitting No. 8V-469 bush, tighten it first and then loosen it for one fourth of a turn to load the spring correctly.

It is necessary to phase the shutter after the intermittent unit has been replaced: please refer to paragraph No. 12.

(2) Shutter Replacement

Wrenches and tools needed:

- a) Wrench for metric Allen screws M4 - UNI 5931.

The replacement shutter is supplied as per part No. 5V-339 on Fig. 4.

Remove the damaged shutter according to the following procedure:

- 1) Remove the lamphouse cone.
- 2) Take off the screws fastening No. 5V-372 microswitch cover.
- 3) Take off the three screws fastening No. 5V-346 shutter cover, which can be taken away together with all parts mounted on it. Attention should be paid not to damage the electrical connections.
- 4) Remove the two screws which fasten both No. E-279 shutter locking disc and No. 5V-339 shutter.
- 5) Slip off No. E-279 shutter locking disc.
- 6) Replace the shutter.
- 7) Refit No. E-279 shutter locking disc and do not tighten fully the screws fastening it.
- 8) Carry out the shutter phasing as per paragraph No. 12.

Repeat the above steps backwards starting from point 4).

Note: The shutter cooling fins should be facing the lamphouse.

(3) Shutter Drive Assembly Replacement

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M4, M5, M8 - UNI 5931
- b) Hexagonal tube metric wrench No. 17
- c) Pliers for circlips.

As replacement we supply No. 5V-305 assembly shown on Fig. 4. Remove the damaged assembly according to the following procedure:

- 1) Remove the back cover of the main casting unlocking the two spring detents.
- 2) Take off the screws fastening No. 5V-372 microswitch cover.
- 3) Take off the three screws fastening No. 5V-346 shutter cover, which can be taken away together with all parts mounted on it. Attention should be paid not to damage the electrical connections.
- 4) Remove the two screws which fasten both No. E-279 shutter locking disc and No. 5V-339 shutter.
- 5) Take off the screw connecting No. 5V-438 assembly to No. 5V-449 spindle (Fig. 5).
- 6) Loosen the screws of No. 5V-325 belt containment rollers - Fig. 5 (in some models they are still replaced by No. 00839 bearings).
- 7) Loosen No. 5V-160 top belt idler (Fig. 1).
- 8) Take away No. 5V-170 mechanism belt (Fig. 1).
- 9) Using the pliers, take away No. 22-3654 circlip (Fig. 5) which fastens the roller support plate on to the intermittent unit. Slip off the support plate.
- 10) Unscrew No. 5V-449 spindle (Fig. 5) from the bottom of the main casting, using the tube wrench.
- 11) Loosen completely the screws fastening No. 5V-305 shutter drive assembly to the main casting.
- 12) Replace the damaged assembly.

Repeat the above steps backwards.

Note: When mounting the replacement assembly, be careful that No. 5V-436 pulley (Fig. 5) will be aligned with No. 5V-118 pulley (Fig. 2). To do so, use the play around the screws.

After this replacement, phasing of the shutter is to be carried out as per paragraph No. 12.

(4) Replacement of Picture-Sound Microswitch Assembly or
Mascarini Microswitch Assembly

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M3 and M4 - UNI 5931.

As replacements we supply parts No. 9V-444 and No. 9V-440 shown on Fig. 4.

Remove the damaged piece according to the following procedure:

- 1) Take away the lamphouse cone.
- 2) Take off the screws fastening No. 5V-372 microswitch cover.
- 3) Take off the screws connecting the microswitch assembly to be replaced to No. 5V-346 shutter cover. The Mascarini assembly is the one driven by No. 5V-336 front governor plate located on No. 5V-317 shutter shaft. The picture-sound microswitch assembly is driven by No. 5V-349 safety dowser lever.
- 4) Mount the replacement placing the electrical connections in the same original position.

Repeat the above steps backwards.

(5) Replacement of Safety Dowser Solenoid

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M3 and M4 - UNI5931
- b) Screwdriver
- c) No. 6 Wrench for hexagonal nut.

A solenoid assembly can be ordered as replacement. It includes the coil, the core and the rod connecting the core to No. 5V-349 safety dowser lever. The solenoid can also be ordered without rod and spindle. Please refer to Fig. 4.

Remove the damaged solenoid according to the following procedure:

- 1) Take away the lamphouse cone.
- 2) Take off the screws fastening No. 5V-372 microswitch cover.
- 3) Loosen the two screws fastening the bracket with No. 5V-356 solenoid to No. 5V-346 shutter cover.
The coil can now be separated from the core, after having removed the electrical connections.
- 4) Replace the core and the rod (if mounted), loosening the screw which connects the rod to 5V-349 safety dowser lever to avoid coupling the old core to the new coil as this could impede motion.
- 5) Loosen the four screws fastening the coil on the bracket and locate the new coil.

Repeat the above steps backwards.

Note: When mounting the bracket referred to under the above step 3), attention should be paid to the two screw slots.

The whole core being inside the coil, the right location is obtained when the end of No. 5V-349 lever is positioned 2 ÷ 3mm from No. 9V-452 rubber dowser stop. This will avoid vibrations during operation.

(6) Replacement of Upper/Lower Sprocket Shaft Assembly

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M4, M6, M8 - UNI 5931
- b) Wrenches for hexagonal nuts M4 and M8.

The replacement is supplied according to part No. 5V-108 on Fig. 2.

Remove the damaged assembly as follows:

- 1) Loosen the nut locking No. 5V-135 upper roller arm assembly (Fig. 3) to relieve the spring.
- 2) Take away No. 8V-144 24 tooth sprocket loosening the stop nut.
- 3) Remove the back cover of the main casting, unlocking the two spring detents.
- 4) Loosen No. 5V-160 top belt idler assembly (Fig. 1) and No. 5V-603 bottom belt idler (Fig. 6).
- 5) Loosen, without taking them off, the screws fastening No. 5V-325 (Fig. 5) belt containment rollers on the intermittent unit (in some models they are still replaced by No. 00839 bearings).
- 6) Take away both toothed belts.
- 7) Take the pulleys away from the shaft taking off the screw which keeps them in place.
- 8) Loosen the nut placed on the outside of the main casting, which locks the upper/lower shaft assembly.
- 9) Take away the shaft assembly pulling it from the non-operating side, and replace it with the new one.

Repeat the above steps backwards.

Note: Mounting the replacement, be careful to perfectly align the 24 tooth sprocket with No. E-506 gate pad (Fig. 8) and with the other toothed sprockets.

(7) Replacement of Optical Sound Head Drum Bracket

Wrenches and tools needed:

- a) Wrenches for metric Allen screws M5 or M8 - UNI 5931
- b) Screwdriver
- c) Wrench for hexagonal nut.

The replacement is supplied according to part No. 5V-701 (Fig. 7) for the model with magnetic flywheel and according to part No. 5V-751 (Fig. 7bis) for the simplified model.

Remove the damaged part as follows:

- 1) Loosen the screw on the top of the drum shaft and take away No. 5V-710 drum fastening disc.
- 2) Slip off the outside drum.
- 3) Loosen the nut fastening No. E-118 part to relieve the spring.
- 4) Disconnect the cell.
- 5) Slip off No. 00261 cell housing.
- 6) Loosen and take away the three screws connecting No. 8V-743 cell bracket to the main casting. This bracket is doweled.
- 7) Take off the two screws fastening to the main casting the bracket to be replaced.

Repeat the above steps backwards.

Note: When mounting the replacement, be sure to align the track between the two drums with No. 9V-263 pressure rollers.

Lock the bracket fixing screws firmly, without remounting the dowels in the main casting.

(8) Gate Pad Replacement

Wrenches and tools needed:

a) Screwdriver.

The pad to be replaced is part No. E-506 (Fig.8).

Remove the damaged part as follows:

- 1) Open the gate using No. E-512 gate release lever.
- 2) Loosen No. E-510 gate pad stop spindle.
- 3) Slip off the pad from the bottom to the top.
- 4) Rest the new pad inserting the wedge under the cone of the two bottom screws placed near No. 0013 grooved roller.

Repeat steps 1) and 2) backwards.

Note: After locating the pad, its upper part must not touch No. 007 spring guide roller, which is placed on the top of the gate bracket. If this is not so, the wedge on the opposite bottom of the pad should be slightly filed.

(9) Replacement of Pressure Pads

The pads to be replaced are shown as No. E-581 on Fig. 8.

Remove the damaged part as follows:

- 1) Loosen the two 0029 spring adjusting knobs without unscrewing them fully.
- 2) Open the gate using No. E-512 gate release lever.
- 3) Pull No. 00274 lower push plate toward the lens, overcoming the spring and rotate by 90 degrees.
- 4) Lift up with a finger the pad and slip it off pulling it from the top.

Repeat the above steps backwards.

Note: The loading on the pad adjusting springs should not be too little, otherwise the picture will flicker, and not too much to avoid early film wear.

The proper adjustment is found loosening the springs until a clatter is heard, and then loading them by tightening the screws just a bit to obtain a steady picture.

(10) Dashpot Assembly Replacement

Wrenches and tools needed.

- a) Wrench for metric Allen screws M4 - UNI 5931.

The replacement is supplied as per part No. 8V-774 on Fig. 12.

Remove the damaged assembly as follows:

- 1) Unscrew No. 10-792 oil tank completely.
- 2) Take off the four screws fastening the dashpot on to the main casting.
- 3) Mount the replacement and pour the special damper oil into the new pot to the right level.

(11) Replacement of Exciter Lamp Housing - Assembly

Wrenches and tools needed:

- a) Wrench for metric Allen screws M4 - UNI 5931
- b) Screwdriver.

The replacement is supplied as per Fig. 13, and includes all the items shown with the exception of numbers 8V-794 and 00398.

Remove the damaged part according to the following procedure:

- 1) Loosen the screw which fastens the outside drum of the optical sound head.
- 2) Take away the drum, paying attention to the pin which connects the drum to No. 5V-710 drum fastening disc (Fig. 7).
- 3) Remove the dashpot, see paragraph No. 10.
- 4) Uncover the exciter lamp housing and disconnect the electrical wires. It is not necessary to connect the wires according to a preset scheme as the lamp holder is not earthed.
- 5) Loosen the screw which is used to adjust the sound lens alignment. It is located on the exciter lamp housing side.
- 6) Take off the screw connecting the part to be replaced to No. 8V-794 exciter lamp housing bracket.
- 7) Replace the damaged part.

Repeat the above steps backwards.

Note: When mounting the replacement, be careful to center the light beam which should be perfectly focussed and horizontal on the center line of the optical track. It should also be as wide as possible in accordance with the width of the sound optical track.

Use for alignment the necessary test films (buzz track for position and width, 9kHz for azimuth).

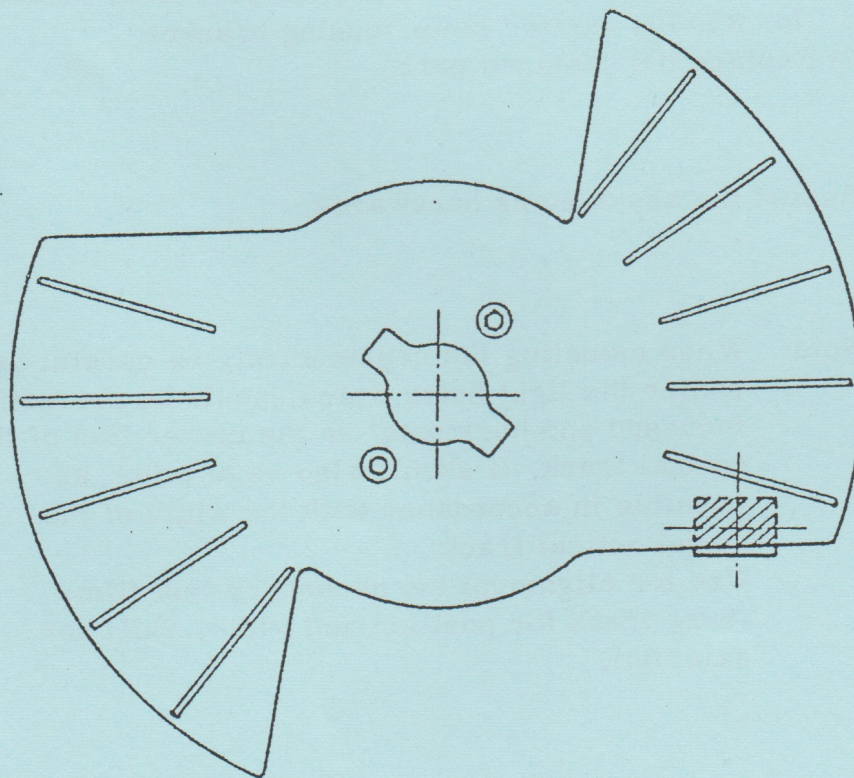
(12) Shutter Phasing

After removing the intermittent unit or the shutter drive assembly, it is necessary to phase the shutter with the intermittent movement to have a sharp picture.

To do so, after removing the lamphouse cone and No. 5V-372 microswitch cover (Fig. 4), turn the motor by hand until the pin engages a slot of the Maltese cross. This can be noticed when the 16 tooth sprocket (001 or 001C) starts moving.

Loosen the two Allen screws which fasten the shutter, and turn it till the bottom of the shutter blade, which turns C.W., has almost dimmed the aperture, as shown on the figure.

Now tighten the screws fully.



(13) Belts Replacement

Wrenches and tools needed:

a) Wrench for metric Allen screws M5 - M6 - M8 - UNI5931.

To replace worn belts, proceed according to the following steps.

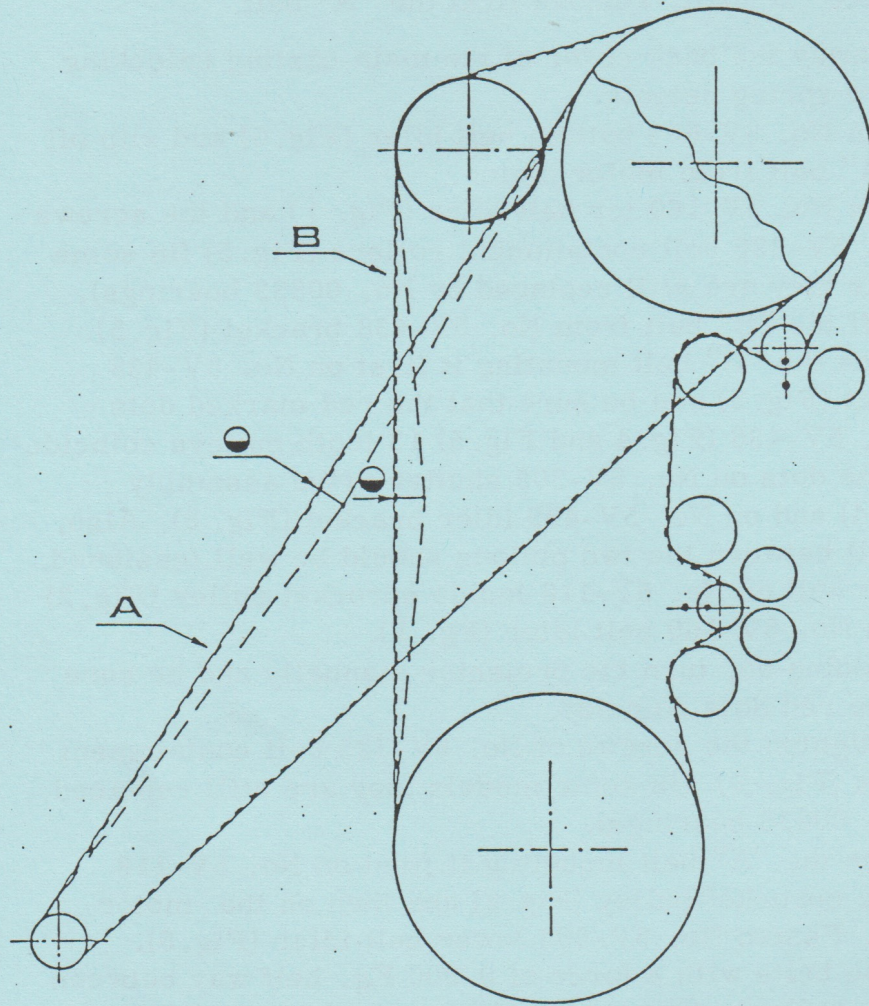
To replace "B" belt, remove first the "A" belt.

- 1) Take away the back cover of the main casting unlocking the two spring detents.
- 2) Loosen No. 5V-603 bottom belt idler (Fig. 6) and slip off the "A" belt from motor pinion.
- 3) Loosen No. 5V-160 top belt idler (Fig. 1) and the screws of No. 5V-325 belt containment rollers (Fig. 5) (in some models they are still replaced by No. 00839 bearings). Slip off the "B" belt from No. 5V-438 bracket (Fig. 5).
- 4) Replace the "B" belt mounting it first on No. 5V-438 bracket (Fig. 5) and be sure that the red marked dots on No. 5V-436 (Fig. 4 and Fig. 5) 13 tooth pulleys coincide with the dots on No. 5V-305 shutter drive assembly (Fig. 4) and on No. 5V-439 idler bracket (Fig. 5). Also, the belt between the two pinions should be well tensioned. Fit the belt on No. 5V-118 inside sprocket pulley (Fig. 2) and on No. 5V-160 belt idler (Fig. 1).

After doing so, turn the projector manually and be sure that the red dots coincide.

Now, tighten the screws of No. 5V-325 belt containment rollers (Fig. 5) (in some models they are still replaced by No. 00839 bearings).

- 5) Replace the "A" belt mounting it first on No. 5V-118 outside sprocket pulley (Fig. 2) and then on the motor pinion. Fasten No. 5V-603 lower belt idler (Fig. 6).
- 6) Pull the belts with a force of 0.800 Kg. half way between the two pulleys. There should be a camber of 12mm as shown on the figure (please turn over).
- 7) Tighten the screws of the belt idlers.
- 8) Mount the back cover of the main casting and lock the two spring detents.



● kg. 0.800 - mm. 12

CINEMECCANICA - MILAN

L.133/VIII-75
up-to-date I-78
up-to-date XII-78

V I C T O R I A 5

Spare Parts

Catalogue

V I C T O R I A 5

- FIG. 1 - PROJECTOR MAIN CASTING
- FIG. 2 - SPROCKETS AND PULLEYS
- FIG. 3 - ROLLER ARMS - ROLLERS
- FIG. 4 - SHUTTER DRIVE ASSEMBLY
- FIG. 5 - INTERMITTENT UNIT
- FIG. 6 - MOTOR
- FIG. 6 BIS - MOTOR (U.S.A. - CANADA)
- FIG. 7 - OPTICAL SOUNDHEAD WITH DASHPOT
AND MAGNETIC FLYWHEEL
- FIG. 7 BIS - SIMPLIFIED OPTICAL SOUNDHEAD
- FIG. 8 - GATE BRACKET AND GATE FRAME
- FIG. 9 - THREE-LENS TURRET
- FIG. 10 - SINGLE LENS HOLDER
- FIG. 11 - ANAMORPHIC LENS HOLDER
- FIG. 12 - DASHPOT ASSEMBLY
- FIG. 13 - EXCITER LAMP HOUSING

The zeros (00) in front of numbers mean the piece is standard
WHEN ORDERING SPARES, PLEASE ALWAYS QUOTE THE SERIAL NUMBER
OF THE PROJECTOR.

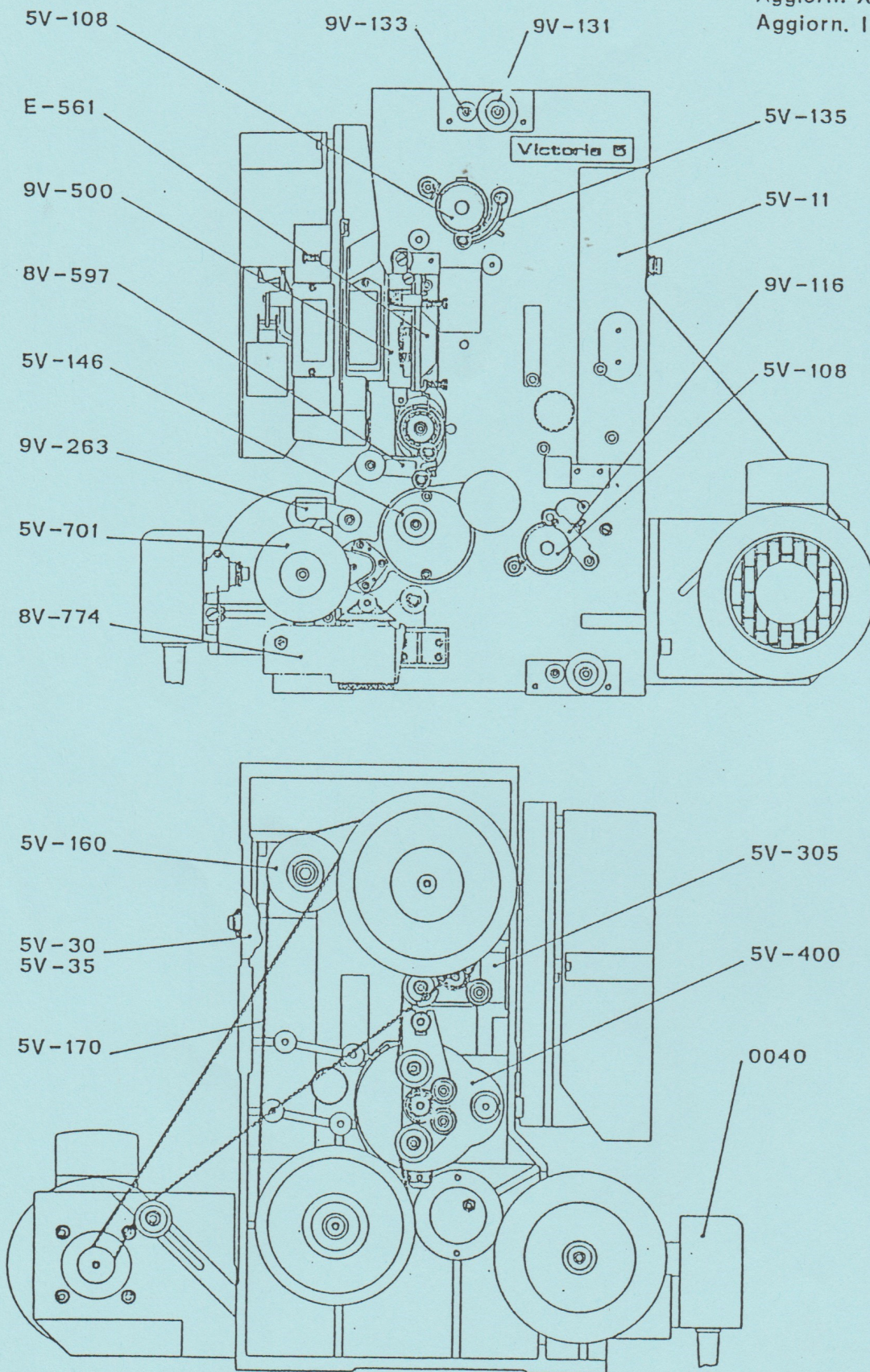


FIG. 1

FIG. 1 - PROJECTOR MAIN CASTING
(from serial No. 3500)

- 004C - Exciter lamp housing assembly
- 5V-11 - Projector main casting
- 5V-30 - Belt cover (two-lens turret)
- 5V-35 - Belt cover (three-lens turret)
- 5V-102 - Upper and lower sprocket shaft assembly
- 5V-135 - Upper sprocket roller arm assembly
- 5V-146 - Flanged roller assembly
- 5V-160 - Belt idler assembly
- 5V-170 - Toothed belt
- 5V-305 - Shutter drive assembly
- 5V-400 - Intermittent unit assembly
- 5V-701 - Sound drum support assembly
- 9V-116 - Lower sprocket roller arm assembly
- 9V-131 - Spindle complete with flanged roller
- 9V-133 - Spindle complete with rollers
- 9V-263 - Pressure roller arm assembly
- 9V-500 - Gate bracket assembly
- 8V-597 - Intermittent sprocket roller arm assembly
- 8V-774 - Dashpot assembly
- E-561 - Gate frame assembly

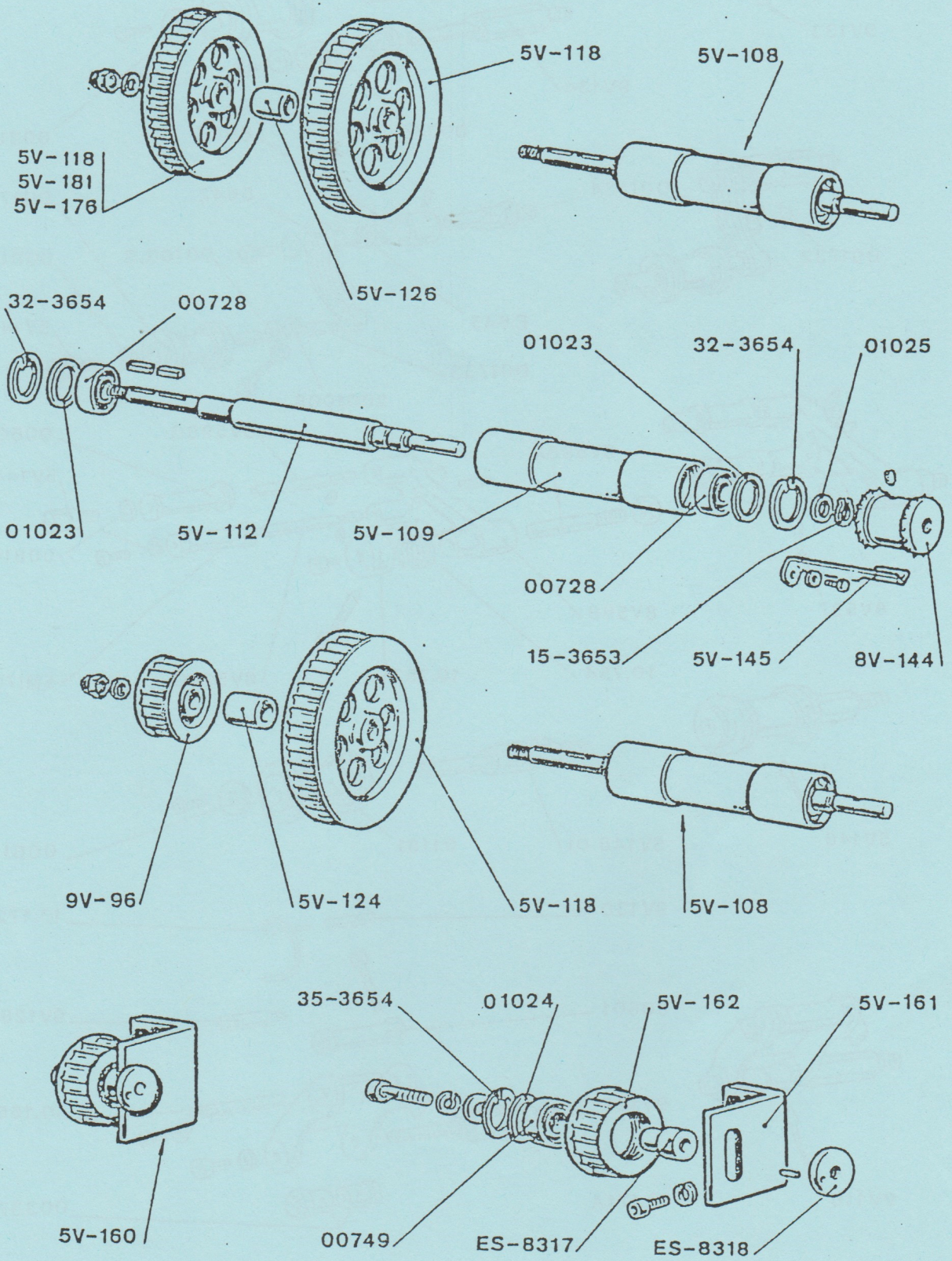


FIG. 2

FIG. 2 - SPROCKETS AND PULLEYS

00728	-	Ball bearing
00749	-	Ball bearing
01023	-	Spacing ring 32mm dia.
01024	-	Spacing ring 35mm dia.
01025	-	Spacing ring 22mm dia.
5V-108	-	Upper or lower sprocket shaft assembly
5V-109	-	Upper or lower sprocket sleeve
5V-112	-	Upper or lower sprocket shaft.
5V-118	-	Upper or lower sprocket pulley - 78 teeth
5V-124	-	Pulley spacer
5V-126	-	Pulley spacer
5V-145	-	Stripper
5V-160	-	Belt idler assembly
5V-161	-	Idler bracket only
5V-162	-	Belt tensioning toothed pulley assembly
5V-176	-	Drive pulley - 90 teeth (50 Hz)
5V-181	-	Drive pulley - 94 teeth (60 Hz)
9V-96	-	Lower take-up drive pulley - 17 teeth
8V-144	-	24 tooth upper or lower sprocket
ES-8317	-	Pulley spindle
ES-8318	-	Lock washer
15-3653	-	Circlip type UNI 3653 15mm dia.
32-3654	-	Circlip type UNI 3654 32mm dia.
35-3654	-	Circlip type UNI 3654 35mm dia.

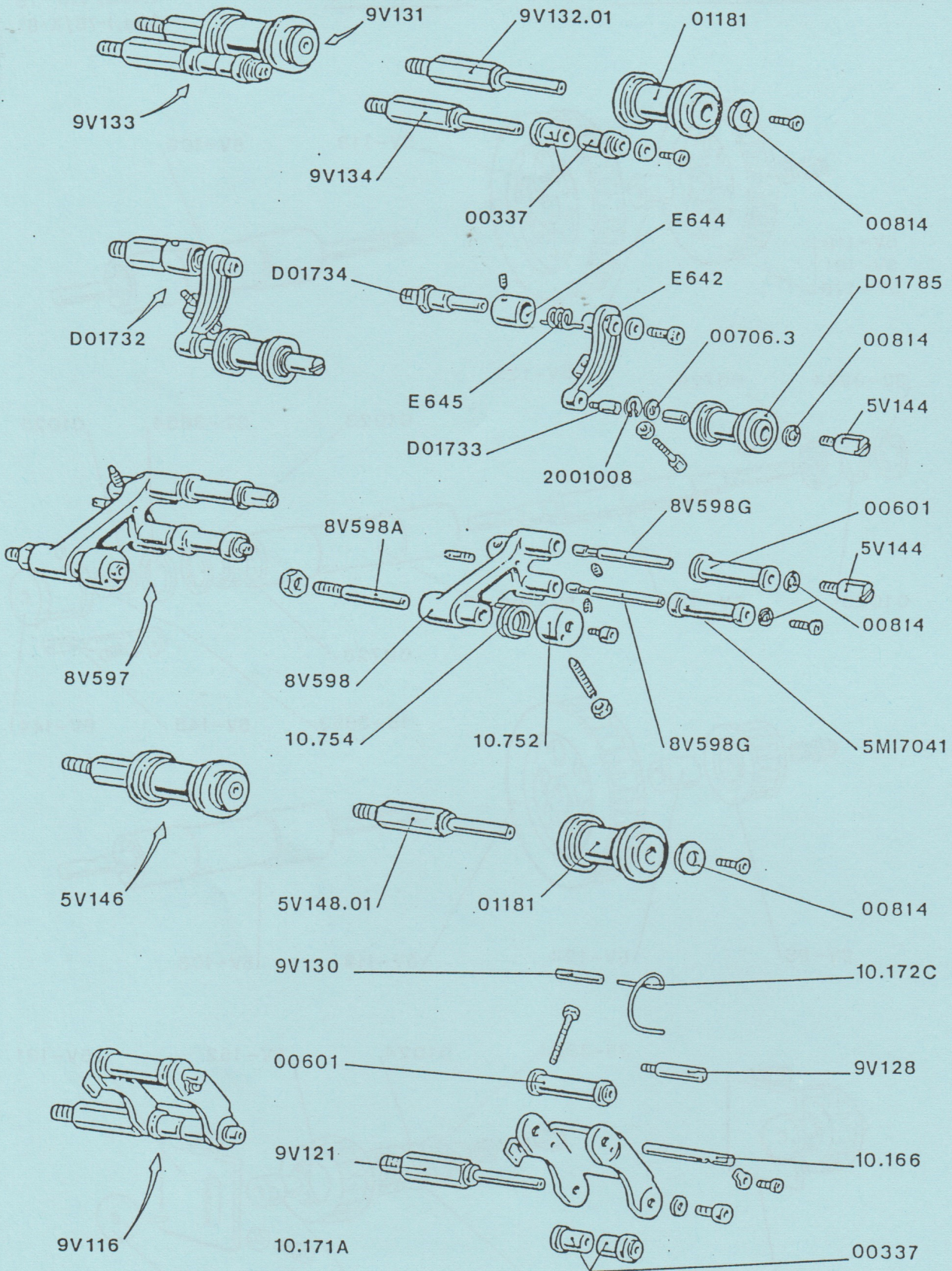


FIG. 3

FIG. 3 - TELAINI - RULLINI

00337	- Rullino piano \varnothing 15 foro 6 (2 pezzi)
00706.3	- Rosetta \varnothing 6x10x0,3
00814	- Rosetta \varnothing 4,1x10x0,3
01181	- Rullo con guide completo
2001008	- Anello elastico \varnothing 5mm.
5V144	- Perno con gambo filettato
5V148.01	- Perno rullo con guide
5MI7041	- Rullino piano
8V597	- Telaio rullo Croce di Malta 35mm. completo
8V598	- Telaio rullo Croce di Malta (fus. lav.)
8V598A	- Perno telaio rullo Croce di Malta
8V598G	- Perno rullino
9V116	- Telaio rullo inferiore completo
9V121	- Perno telaio inferiore
9V131	- Perno completo di rullo con guide
9V132.01	- Perno rullo con guide
9V133	- Perno completo di rullini piani
9V134	- Perno rullino piano
10.166	- Perno rullino con gole
10.171A	- Telaio rullo inferiore (nudo)
10.172C	- Molla telaio
10.752	- Bussola molla telaio
10.754	- Molla telaio
D01688	- Perno con rullo completo
D01732	- Telaio premifilm completo
D01733	- Perno rullino con gole
D01734	- Perno telaio premifilm
D01785	- Rullino con gole
E642	- Telaio rullo superiore
E644	- Bussola molla telaio
E645	- Molla telaio superiore

FIG. 3 - ROLLER ARMS - ROLLERS

00337	- 15mm. O.D. plain roller (2 pcs)
00706.3	- Washer dia. 6x10x0,3
00814	- Washer dia. 4,1x10 x0,3
01181	- Flanged roller assembly
2001008	- Circlip 5mm. dia.
5V144	- Threaded spindle
5V148.01	- Flanged roller spindle
5MI7041	- Roller
8V597	- Intermittent sprocket roller arm assembly
8V598	- Intermittent sprocket roller arm (machined casting)
8V598A	- Spindle for intermittent sprocket roller arm
8V598G	- Roller spindle
9V116	- Lower roller arm assembly
9V121	- Lower roller arm spindle
9V131	- Spindle complete with flanged roller
9V132.01	- Flanged roller spindle
9V133	- Spindle complete with rollers
9V134	- Roller spindle
10.166	- Grooved roller spindle
10.171A	- Lower roller arm (roller less)
10.172C	- Roller arm spring
10.752	- Roller arm spring bush
10.754	- Roller arm spring
D01688	- Roller spindle assembly
D01732	- Pad roller assembly
D01733	- Grooved roller spindle
D01734	- Pad roller spindle
D01785	- Grooved roller
E642	- Upper roller arm
E644	- Spring adjustment bush
E645	- Upper roller arm spring

FIG. 3 - PRESSEURS ET GUIDES SUR DEBITEURS

00337	- Galet plein diam. 15mm. trou 6 (2 pièces)
00706.3	- Rondelle diam. 6x10x0,3
00814	- Rondelle diam. 4,1x10x0,3
01181	- Galet guide complet
2001008	- Rondelle frein diam. 5mm.
5V144	- Axe fileté
5V148.01	- Axe du galet guide
5MI7041	- Galet plein
8V597	- Presseur tambour Croix De Malte 35mm. complet
8V598	- Support tambour de Croix de Malte (fusion seule)
8V598A	- Axe support tambour Croix De Malte
8V598G	- Axe de galet
9V116	- Porte-galet inférieur complet
9V121	- Axe de support galet inférieur
9V131	- Axe avec galet guide complet
9V132.01	- Axe galet guide
9V133	- Axe galets pleins complet
9V134	- Axe galet plein
10.166	- Axe galet à gorge
10.171A	- Support galet inférieur (nu)
10.172C	- Ressort porte galet
10.752	- Cage du ressort châssis rouleau presseur
10.754	- Ressort du contre-presseur
D01688	- Axe avec galet complète
D01732	- Support complet
D01733	- Axe galet à gorge
D01734	- Axe support
D01785	- Galet à gorge
E642	- Support galet supérieur
E644	- Bague de réglage du ressort
E645	- Ressort support supérieur

FIG. 4 - SHUTTER DRIVE ASSEMBLY

00253	- Plug with gasket
00832	- Mascarini microswitch
00833	- Ball bearing
01020	- Ball bearing
01022	- Oil tight ring
01023	- Spacing ring
01780	- Solenoid with vod and washers
5V-305	- Shutter drive assembly
5V-307	- Bevel shutter shaft gear 8,5 mm. dia.
5V-309	- Bevel shutter drive gear 8 mm. dia.
5V-311	- Drive shaft
5V-313	- Bearing spacer
5V-315	- Spacing washer
5V-317	- Shutter shaft
5V-325	- Belt containment roller
5V-327	- Roller spindle
5V-329	- Shutter flange
5V-333	- Governor spring
5V-335	- Governor complete with levers
5V-336	- Front governor plate
5V-337	- Shutter enclosure back plate (machined casting)
5V-339	- Shutter with blades
5V-345	- Shutter enclosure cover
5V-346	- Shutter enclosure cover (machined casting)
5V-349	- Safety dowser assembly
5V-353	- Safety dowser knob
5V-355-01	- Solenoid assembly
5V-367	- Sight glass
5V-368	- Sight cover
5V-372	- Microswitch cover
5V-375	- Rubber dowser stop with screw
5V-436	- 13 tooth pulley
5V-440	- Belt idler with bearings
5V-443	- Belt idler spindle
9V-422	- Lacing inspection plate
9V-427	- Safety dowser spindle
9V-440	- Picture-sound microswitch assembly
9V-443	- Picture-sound microswitch only
9V-444	- Mascarini microswitch assembly
9V-447	- Dowser stop spindle
E-279	- Shutter locking disc
12-3653	- Circlip type UNI 3653 12mm dia.
32-3654	- Circlip type UNI 3654 32mm dia.

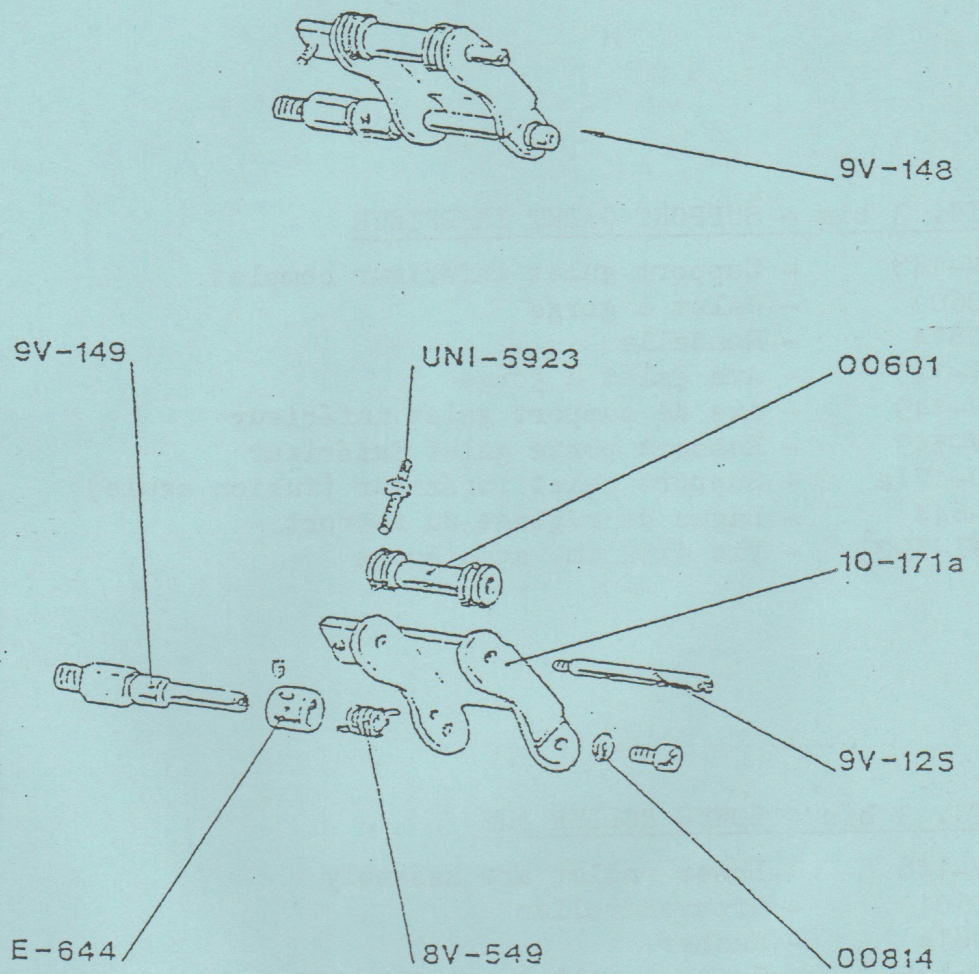


FIG. 3 bis

FIG. 3 bis - TELAIO RULLO INFERIORE

9V-148	- Telaio rullo inferiore completo
00601	- Rullino con gole
00814	- Rosetta
9V-125	- Perno rullino con gole
9V-149	- Perno telaio inferiore
8V-549	- Molla telaio inferiore
10-171a	- Telaio rullo inferiore (fus. lav.)
E-644	- Bussola regolazione molla
UNI-5923	- Vite 4x32 mm. con dado

FIG. 3 bis - SUPPORT GALET INFERIEUR

9V-148	- Support galet inférieur complet
00601	- Galet à gorge
00814	- Rondelle
9V-125	- Axe galet à gorge
9V-149	- Axe de support galet inférieur
8V-549	- Ressort porte galet inférieur
10-171a	- Support galet inférieur (fusion seule)
E-644	- Bague de réglage du ressort
UNI-5923	- Vis 4x32 mm. avec écrou

FIG. 3 bis - LOWER ROLLER ARM

9V-148	- Lower roller arm assembly
00601	- Grooved roller
00814	- Washer
9V-125	- Grooved roller spindle
9V-149	- Lower roller arm spindle
8V-549	- Lower roller arm spring
10-171a	- Lower roller arm (machined casting)
E-644	- Spring adjustment bush
UNI-5923	- 4x32mm screw with nut

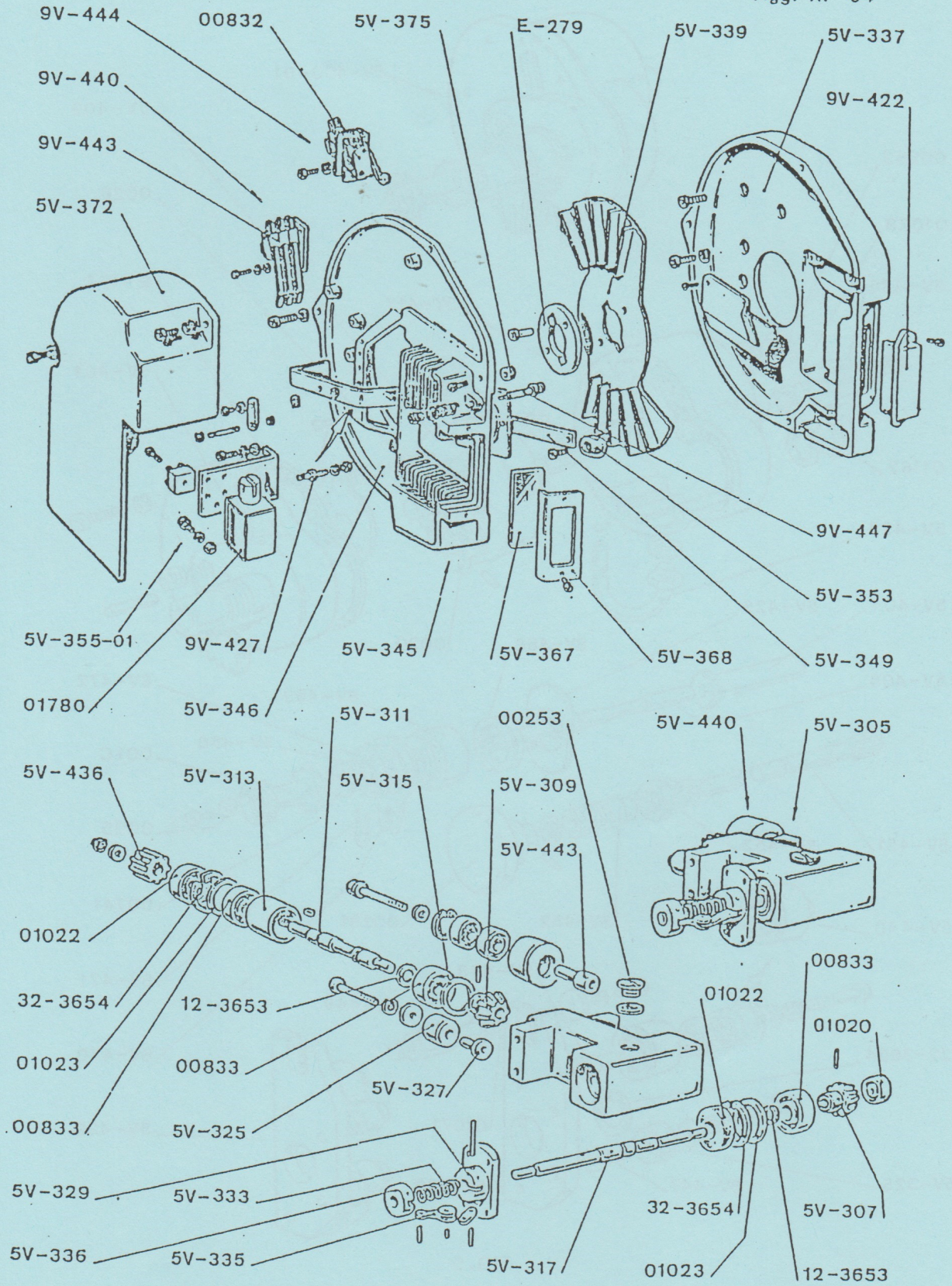


FIG. 4

FIG. 4 - SHUTTER DRIVE ASSEMBLY

00253	- Plug with gasket
00832	- Mascariini microswitch
00833	- Ball bearing
01020	- Ball bearing
01022	- Oil tight ring
01023	- Spacing ring
01780	- Solenoid with vod and washers
5V-305	- Shutter drive assembly
5V-307	- Bevel shutter shaft gear 8,5 mm. dia.
5V-309	- Bevel shutter drive gear 8 mm. dia.
5V-311	- Drive shaft
5V-313	- Bearing spacer
5V-315	- Spacing washer
5V-317	- Shutter shaft
5V-325	- Belt containment roller
5V-327	- Roller spindle
5V-329	- Shutter flange
5V-333	- Governor spring
5V-335	- Governor complete with levers
5V-336	- Front governor plate
5V-337	- Shutter enclosure back plate (machined casting)
5V-339	- Shutter with blades
5V-345	- Shutter enclosure cover
5V-346	- Shutter enclosure cover (machined casting)
5V-349	- Safety dowser assembly
5V-353	- Safety dowser knob
5V-355-01	- Solenoid assembly
5V-367	- Sight glass
5V-368	- Sight cover
5V-372	- Microswitch cover
5V-375	- Rubber dowser stop with screw
5V-436	- 13 tooth pulley
5V-440	- Belt idler with bearings
5V-443	- Belt idler spindle
9V-422	- Lacing inspection plate
9V-427	- Safety dowser spindle
9V-440	- Picture-sound microswitch assembly
9V-443	- Picture-sound microswitch only
9V-444	- Mascariini microswitch assembly
9V-447	- Dowser stop spindle
E-279	- Shutter locking disc
12-3653	- Circlip type UNI 3653 12mm dia.
32-3654	- Circlip type UNI 3654 32mm dia.

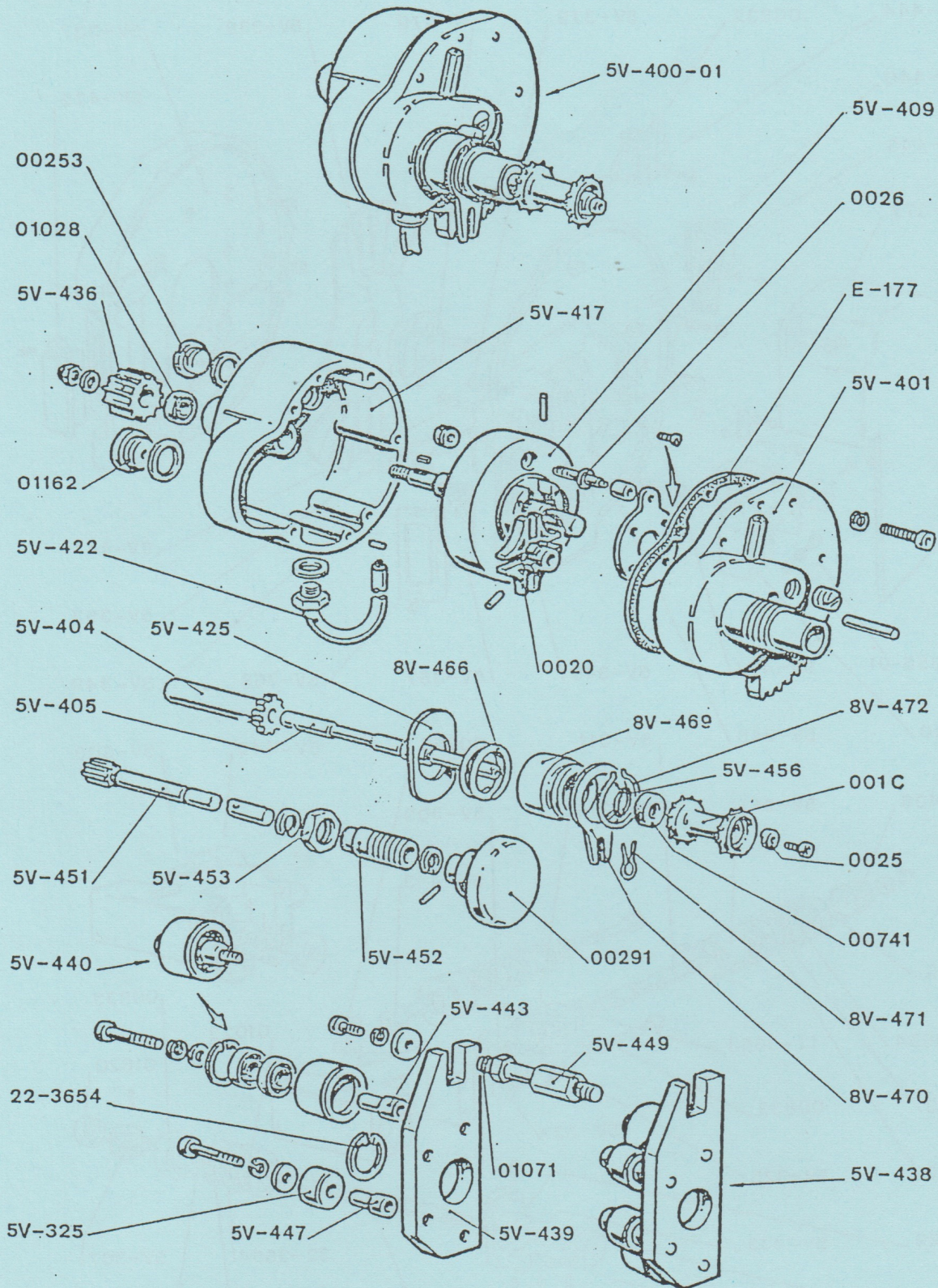


FIG. 5

FIG. 5 - INTERMITTENT UNIT

0010	- 16 tooth intermittent sprocket
0020	- Maltese cross with cam, pin and roller
0025	- Lock washer with key
0026	- Cam with pin and roller
00253	- Plug for cam adjustment with gasket
00291	- Framing handle
00741	- Front oil tight ring
01028	- Back oil tight ring
01071	- Spindle gasket
01162	- Oil sight window with gasket
5V-325	- Belt containment roller
5V-400-01	- Complete intermittent unit less sprocket
5V-401	- Interm.unit main plate (mach.casting)with hinged spindle
5V-404	- Eccentric sleeve for intermittent shaft
5V-405	- Intermittent sprocket shaft
5V-409	- Flywheel with shaft
5V-417	- Intermittent unit cover (machined casting)
5V-422	- Oil drain plug with gasket and pipe
5V-425	- Clutch washer
5V-436	- 13 tooth pulley for flywheel
5V-438	- Bracket with idlers
5V-439	- Idler bracket
5V-440	- Belt idler with bearings
5V-443	- Belt idler spindle
5V-447	- Belt containmentroller spindle
5V-449	- Spacer spindle for idler bracket
5V-451	- Framing shaft
5V-452	- Framing shaft support bushing
5V-453	- Bushing nut
5V-456	- Washer
8V-466	- Clutch washer spring
8V-469	- Spring load control bush
8V-470	- Roller arm stop collar
8V-471	- Collar spring
8V-472	- Collar circlip
E-177	- Cover gasket
22-3654	- Circlip type UNI 3654 22mm dia.

FIG. 6 - MOTORE (dal N° 3500)

00291	- Bottone diam. 50 mm.
3201028	- Cinghia dentata 434 XL 050
5V436	- Pignone motore 4 poli 60 Hz
5V602	- Supporto motore
5V625	- Motore 4 poli 50 Hz 1440 giri
5V626	- Pignone motore 4 poli 50 Hz
5V635	- Motore 4 poli 60 Hz 1780 giri
5V675	- Pignone motore 8 poli 50 Hz
5V680	- Pignone motore 8 poli 60 Hz
5MI7002	- Motore 8 poli 50 Hz 730 giri
5MI7003	- Motore 8 poli 50 Hz 860 giri

FIG. 6 - MOTEUR (à partir du N° 3500)

00291	- Bouton diam. 50 mm.
3201028	- Courroie dentée 434 XL 050
5V436	- Pignon moteur 4 pôles 60 Hz
5V602	- Equerre support moteur
5V625	- Moteur 4 pôles 50 Hz 1440 tours
5V626	- Pignon moteur 4 pôles 50 Hz
5V635	- Moteur 4 pôles 60 Hz 1780 tours
5V675	- Pignon moteur 8 pôles 50 Hz
5V680	- Pignon moteur 8 pôles 60 Hz
5MI7002	- Moteur 8 pôles 50 Hz 730 tours
5MI7003	- Moteur 8 pôles 50 Hz 860 tours

FIG. 6 - MOTOR (from serial No. 3500)

00291	- Knob - 50mm dia.
3201028	- Toothed belt 434 XL 050
5V436	- 4-pole motor pinion - 60 Hz
5V602	- Motor bracket
5V625	- 4-pole motor 50 Hz 1440 RPM
5V626	- 4-pole motor pinion - 50 Hz
5V635	- 4-pole motor 60 Hz 1780 RPM
5V675	- 8-pole motor pinion - 50 Hz
5V680	- 8-pole motor pinion - 60 Hz
5MI7002	- 8-pole motor 50 Hz - 730 RPM
5MI7003	- 8-pole motor 50 Hz - 860 RPM

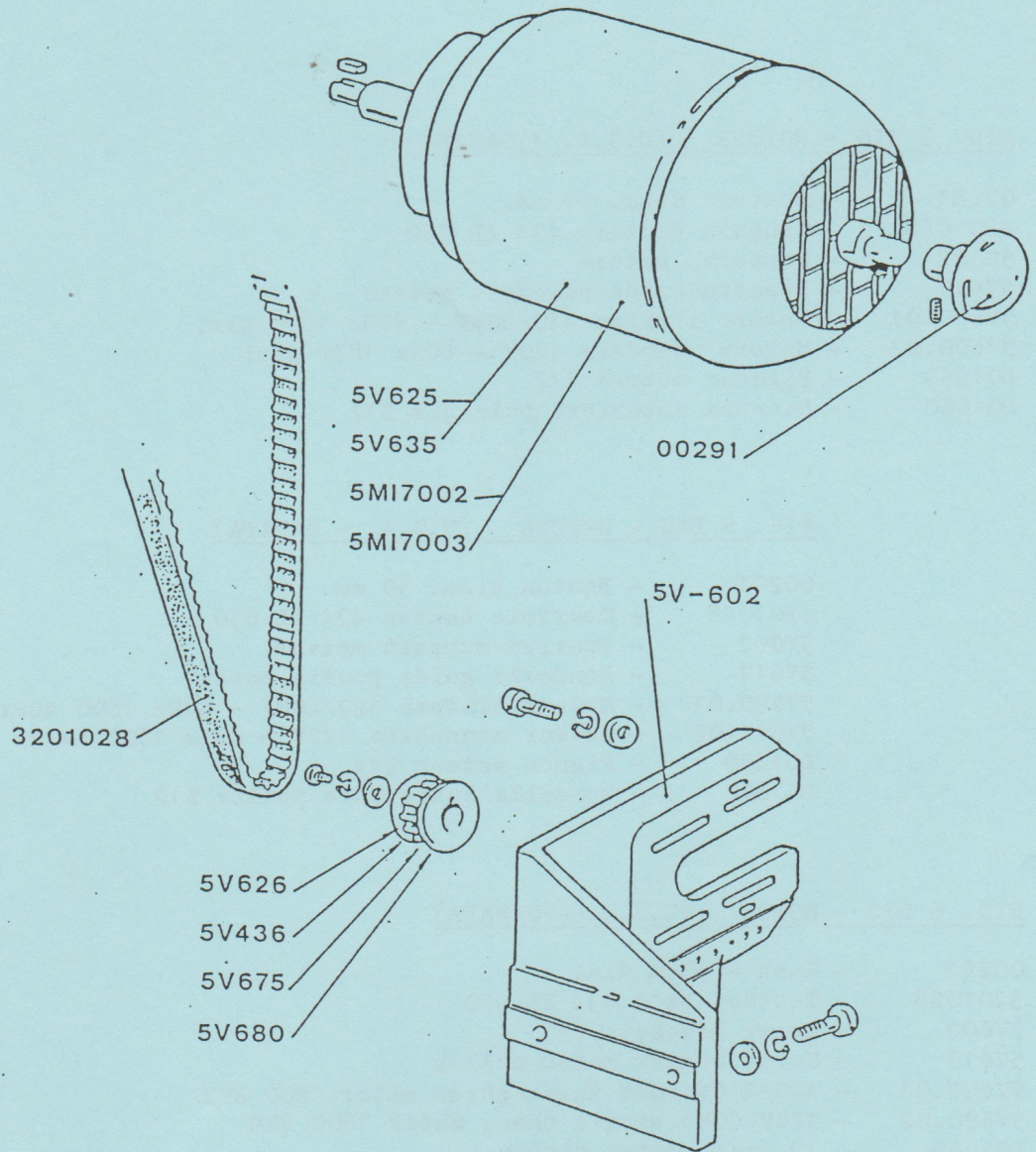


FIG. 6

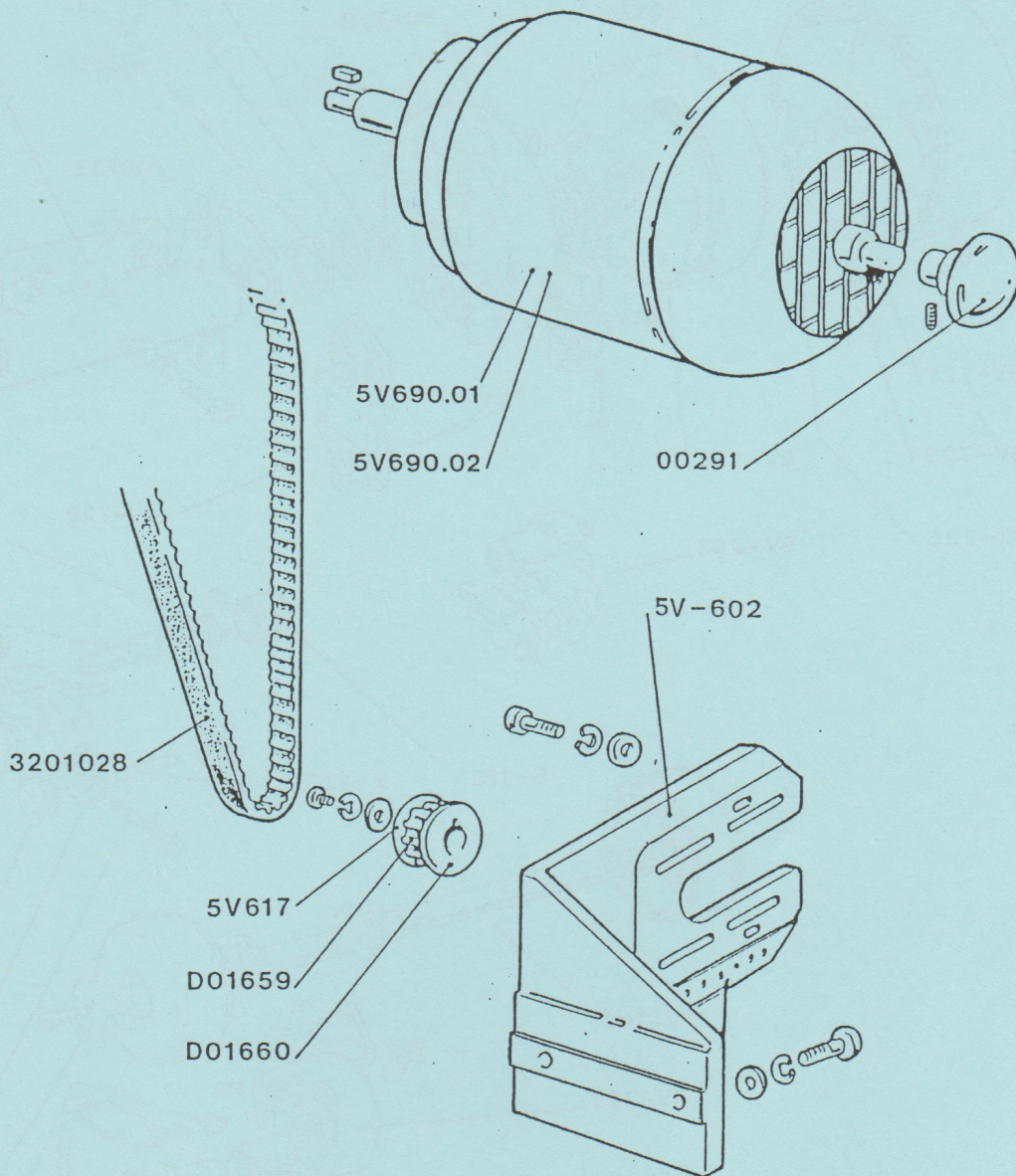


FIG. 6 bis

FIG. 6 BIS - MOTORE (U.S.A. - CANADA)

00291 - Bottone diam. 50 mm.
3201028 - Cinghia dentata 434 XL 050
5V602 - Supporto motore
5V617 - Rosetta guida puleggia motore
5V690.01 - Motore trifase 120/208V - 60Hz 1800 giri
5V690.02 - Motore monofase 120V - 60Hz 1800 giri
D01659 - Pignone motore Z12
D01660 - Rosetta anteriore puleggia Z12

FIG. 6 BIS - MOTEUR (U.S.A. - CANADA)

00291 - Bouton diam. 50 mm.
3201028 - Courroie dentée 434 XL 050
5V602 - Equerre support moteur
5V617 - Rondelle guide poulie moteur
5V690.01 - Moteur trifase 120/208V - 60Hz 1800 tours
5V690.02 - Moteur monophasé 120V - 60Hz 1800 tours
D01659 - Pignon moteur Z12
D01660 - Rondelle antérieure poulie Z12

FIG. 6 BIS - MOTOR (U.S.A. - CANADA)

00291 - Knob - 50mm dia.
3201028 - Toothed belt 434 XL 050
5V602 - Motor bracket
5V617 - Guide washer motor pulley
5V690.01 - 120/208V 60Hz three-phase motor 1800 RPM
5V690.02 - 120V 60Hz single phase motor 1800 RPM
D01659 - 12 teeth motor pinion
D01660 - Front washer Z12 pulley

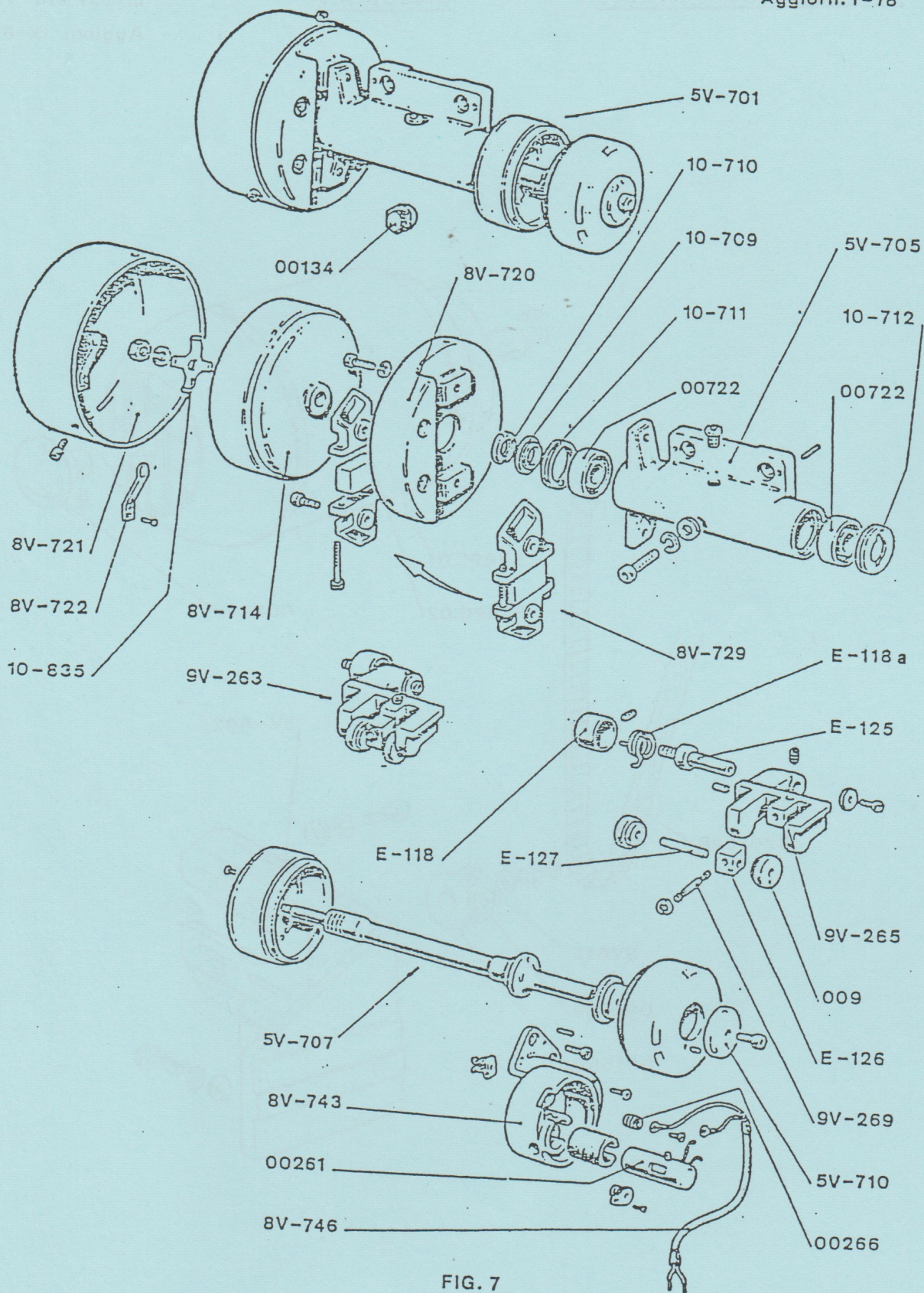


FIG. 7

FIG. 7 - OPTICAL SOUNDHEAD WITH DASHPOT
AND MAGNETIC FLYWHEEL

- 009 - Roller, 24mm o.d. - 6mm i.d.
- 0C134 - Female connector for cell
- 00261 - Solar cell housing
- 00266 - Cell insulating washer with bush
- 00722 - Ball bearing
- 5V-701 - Drums bracket assembly
- 5V-705 - Drums bracket (machined casting)
- 5V-707 - Shaft with drums and screw
- 5V-710 - Drum fastening disc
- 9V-263 - Pressure roller arm assembly
- 9V-265 - Pressure roller arm (machined casting)
- 9V-269 - Block spindle
- 8V-714 - Flywheel
- 8V-720 - Flywheel housing (machined casting)
- 8V-721 - Flywheel housing cover with ground contact
- 8V-722 - Ground contact
- 8V-729 - Flywheel magnet
- 8V-743 - Cell bracket
- 8V-746 - Complete cell cable
- 8V-774 - Dashpot assembly as per FIG. 12
- 10-709 - Bearing adjustment washer
- 10-710 - Bearing adjustment washer
- 10-711 - Back bearing locking washer
- 10-712 - Front bearing locking washer
- 10-835 - Flywheel spring washer
- E-118 - Pressure roller arm spring bush
- E-118a - Pressure roller arm spring
- E-125 - Pressure roller arm spindle
- E-126 - Drum roller arm block
- E-127 - Spindle for 24mm dia. roller

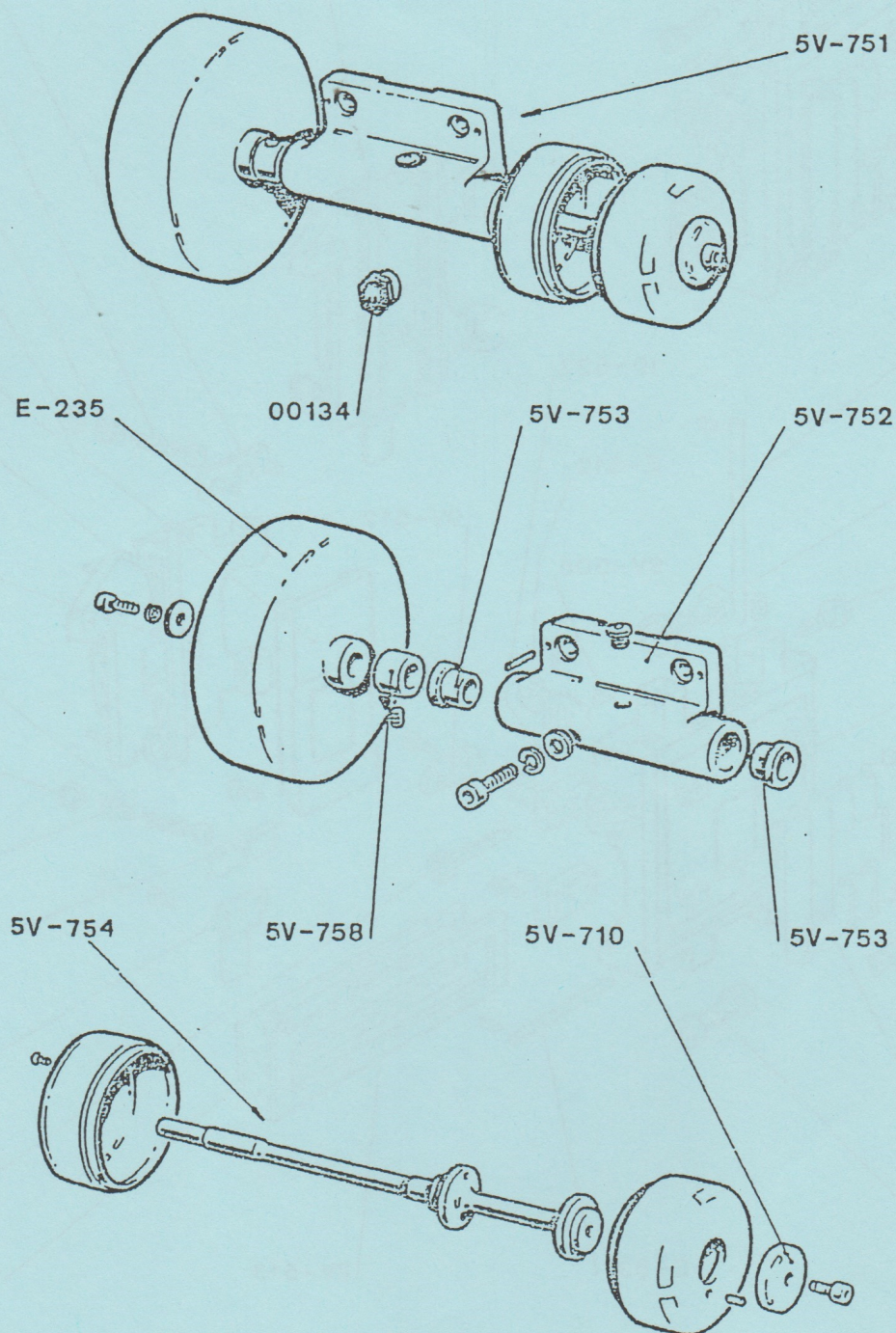


FIG. 7 bis

FIG. 7bis - SIMPLIFIED OPTICAL SOUNDHEAD

- 00134 - Female connector for cell
- 5V-710 - Drum fastening disc
- 5V-751 - Drums bracket assembly
- 5V-752 - Drumsbracket (machined casting)
- 5V-753 - Bush
- 5V-754 - Shaft with drums and screw
- 5V-758 - Braking adjustment sleeve
- E-235 - Flywheel

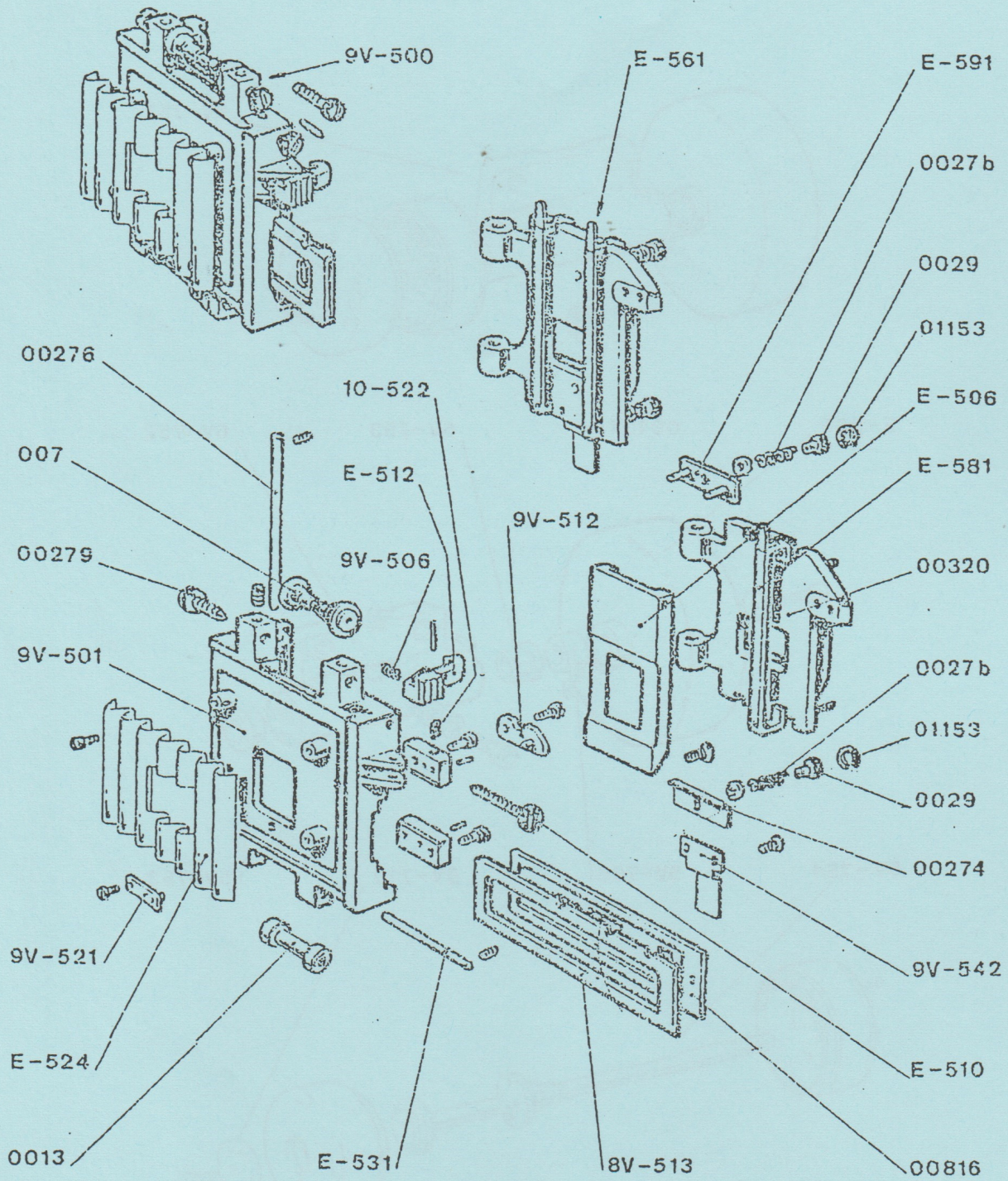


FIG. 8

FIG. 8 - GATE BRACKET AND GATE FRAME

007	- Spring guide roller assembly
0013	- Roller
0027b	- Pressure pad control spring
0029	- Spring adjusting knob
00274	- Lower pressure push plate
00276	- Gate frame spindle
00279	- Guide roller point screw
00320	- Gate frame (machined casting)
00816	- 3-ratio aperture plate (ratios to be advised)
01153	- Washer type Ideal 2.3mm dia.
9V-500	- Gate bracket assembly
9V-501	- Gate bracket (machined casting)
9V-506	- Gate frame closing lever spring
9V-512	- Aperture plate indexing lever
9V-521	- Aperture plate spring with spindle
9V-542	- Stripper
10-522	- Aperture plate indexing spring
8V-513	- Aperture plate moving guide
E-506	- Gate pad
E-510	- Gate pad stop spindle
E-512	- Gate release lever
E-524	- Corrugated heat shield
E-531	- Lower roller spindle
E-561	- Gate frame assembly
E-581	- Pressure pad (2 pieces)
E-591	- Upper push plate

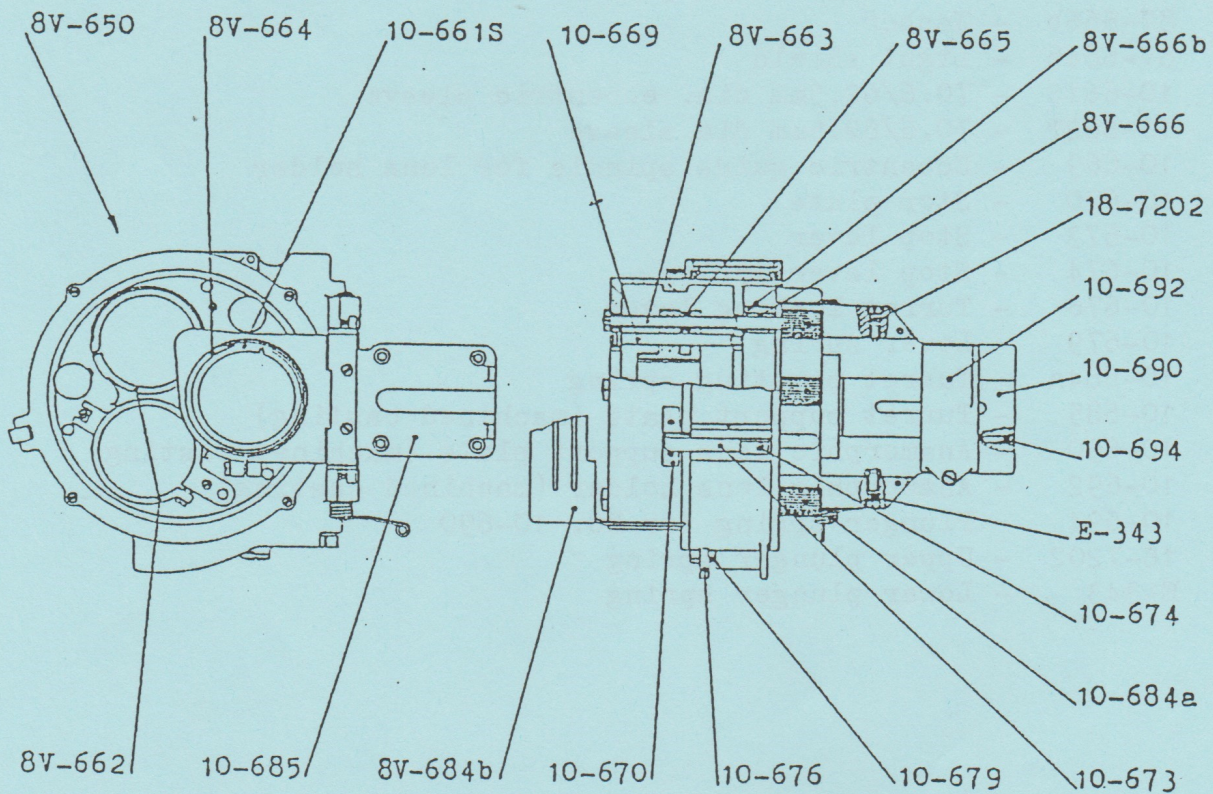


FIG. 9

FIG. 9 - THREE-LENS TURRET

- 8V-650 - Three-lens turret assembly
- 8V-662 - 62.5mm dia. lens holder with focusing screw
- 8V-663 - Lens holder focusing screw
- 8V-664 - 70.6mm dia. lens holder with focusing screw
- 8V-665 - Lens holder block
- 8V-666 - Focusing screw spacer
- 8V-666b - Washer
- 8V-684b - Light shield
- 10-661S - 70.6/62.5mm dia. eccentric sleeve
- 10-662T - 70.6/62.5mm dia. sleeve
- 10-669 - Eccentric guide spindle for lens holder
- 10-670 - Stop plate
- 10-673 - Stop lever
- 10-674 - Stop lever spring
- 10-676 - Turret locking lever
- 10-679 - Lever spring
- 10-684a - Turret pivoting spring
- 10-685 - Turret support plate (machined casting)
- 10-690 - Anamorphic lens support plate (machined casting)
- 10-692 - Anamorphic lens holder (machined casting)
- 10-694 - Plunger spring for No. 10-690
- 18-7202 - Upper plunger spring
- E-343 - Lower plunger spring

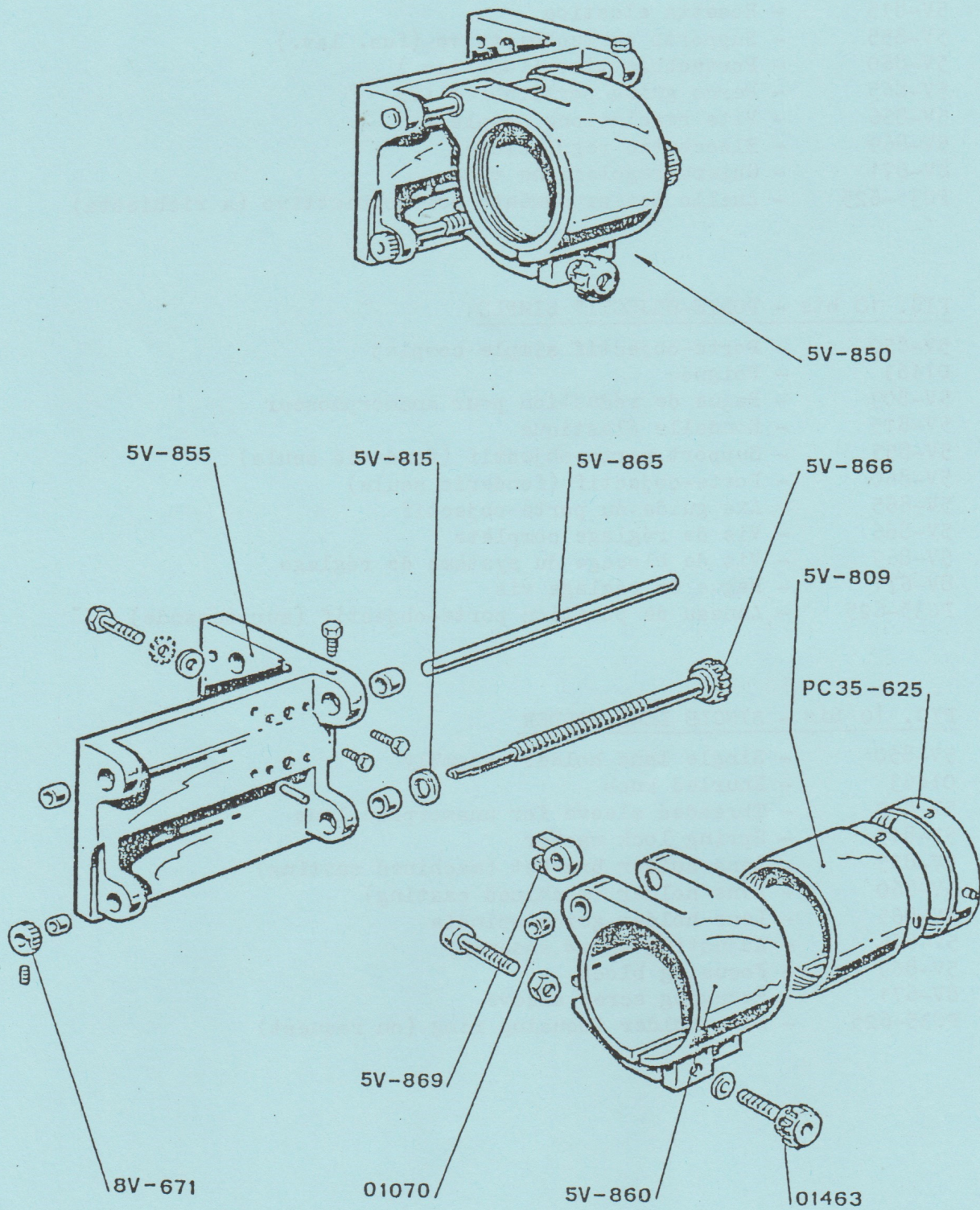


FIG.10 bis

FIG. 10 bis - PORTAOBBIETTIVO SEMPLICE

5V-850	- Portaobbiettivo semplice completo
01463	- Manopola zigrinata
5V-809	- Bussola di riduzione per anamorfico
5V-815	- Rosetta elastica
5V-855	- Supporto portaobbiettivo (fus. lav.)
5V-860	- Portaobbiettivo (fus. lav.)
5V-865	- Perno guida portaobbiettivo
5V-866	- Vite regolazione completa
5V-869	- Blocchetto regolazione
8V-671	- Ghiera regolazione vite
PC35-625	- Anello posizionamento portaobbiettivo (a richiesta)

FIG. 10 bis - PORTE-OBJECTIF SIMPLE

5V-850	- Porte-objectif simple complet
01463	- Poignés
5V-809	- Bague de réduction pour anamorphoseur
5V-815	- Rondelle élastique
5V-855	- Support porte-objectif (fonderie seule)
5V-860	- Porte-objectif (fonderie seule)
5V-865	- Axe guide du porte-objectif
5V-866	- Vis de réglage complète
5V-869	- Vis de blocage du système de réglage
8V-671	- Bague de réglage vis
PC35-625	- Anneau de position porte-objectif (sur demande)

FIG. 10 bis - SINGLE LENS HOLDER

5V-850	- Single lens holder assembly
01463	- Enurled knob
5V-809	- Threaded sleeve for anamorphic lens
5V-815	- Spring lock washer
5V-855	- Lens holder bracket (machined casting)
5V-860	- Lens holder (machined casting)
5V-865	- Lens holder guide spindle
5V-866	- Adjusting screw assembly
5V-869	- Focusing block
8V-671	- Focusing screw sleeve
PC35-625	- Lens holder focusing ring (on request)

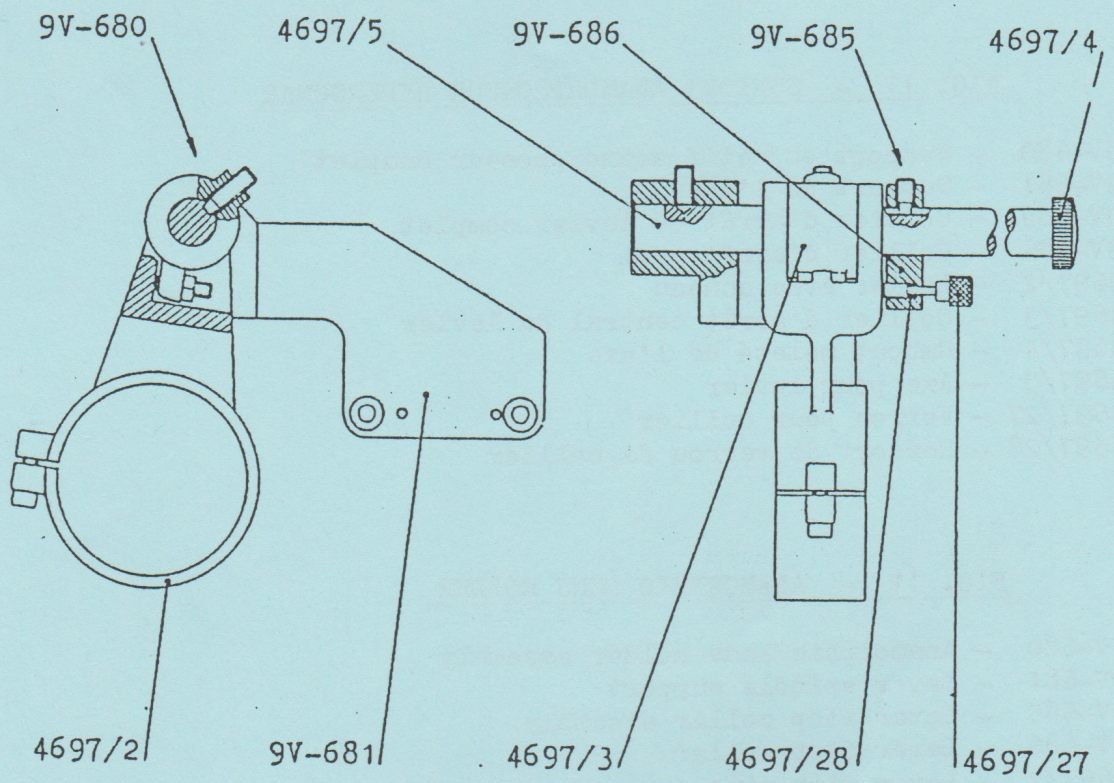


FIG. 11

FIG. 11 - PORTAOBBIETTIVO ANAMORFICO

- 9V-680 - Portaobbiettivo anamorfico completo
- 9V-681 - Sopperto perno per leva
- 9V-685 - Collare arresto leva completo
- 9V-686 - Collare arresto leva
- 4697/2 - Leva con anello
- 4697/3 - Arresto leva con anello
- 4697/4 - Tappo per perno
- 4697/5 - Perno per leva
- 4697/27 - Catenacciolo per collare
- 4697/28 - Molla catenacciolo

FIG. 11 - SUPPORT ANAMORPHOSEUR HYPERGONAR

- 9V-680 - Support objectif anamorphoseur complet
- 9V-681 - Support de l'axe
- 9V-685 - Collier d'arrêt du levier complet
- 9V-686 - Collier d'arrêt seul
- 4697/2 - Levier avec anneau
- 4697/3 - Collier d'arrêt central du levier
- 4697/4 - Embout moleté de l'axe
- 4697/5 - Axe pour levier
- 4697/27 - Verrou pour collier
- 4697/28 - Ressort de verrou de collier

FIG. 11 - ANAMORPHIC LENS HOLDER

- 9V-680 - Anamorphic lens holder assembly
- 9V-681 - Lever spindle support
- 9V-685 - Lever stop collar assembly
- 9V-686 - Lever stop collar
- 4697/2 - Lever with ring
- 4697/3 - Lever stop with ring
- 4697/4 - Spindle cap
- 4697/5 - Lever spindle
- 4697/27 - Collar latch
- 4697/28 - Latch spring

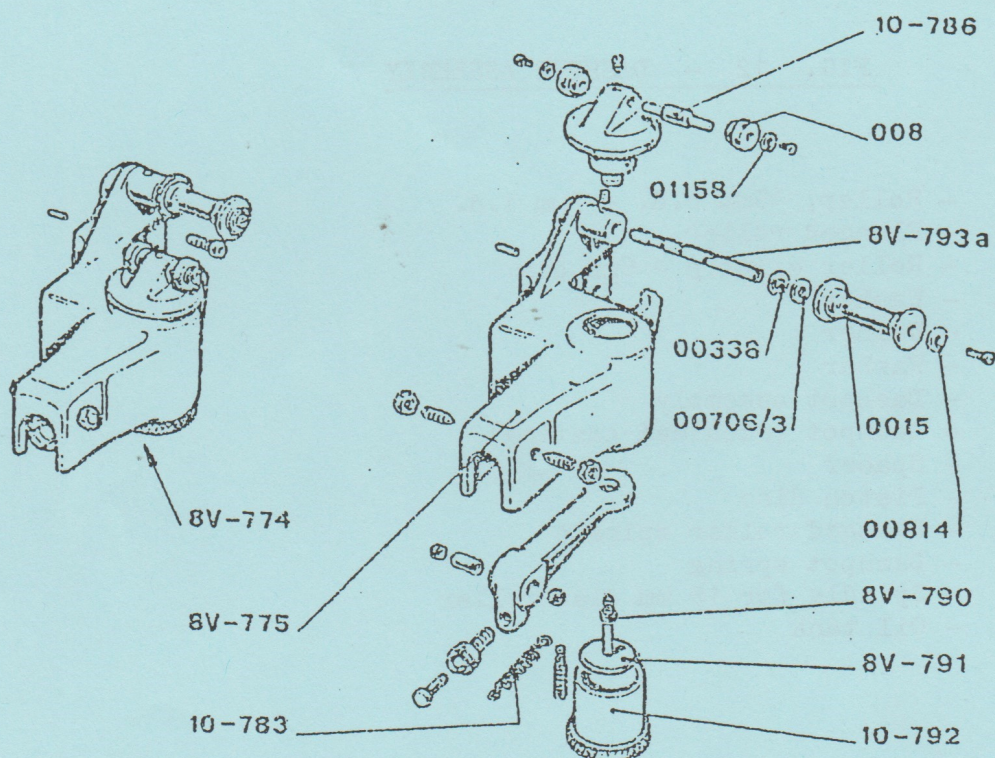


FIG. 12

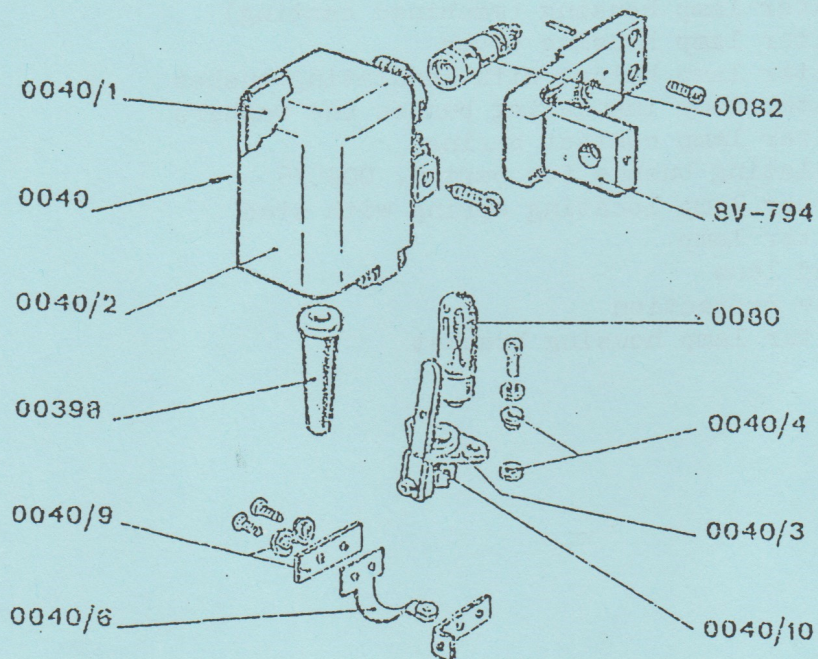


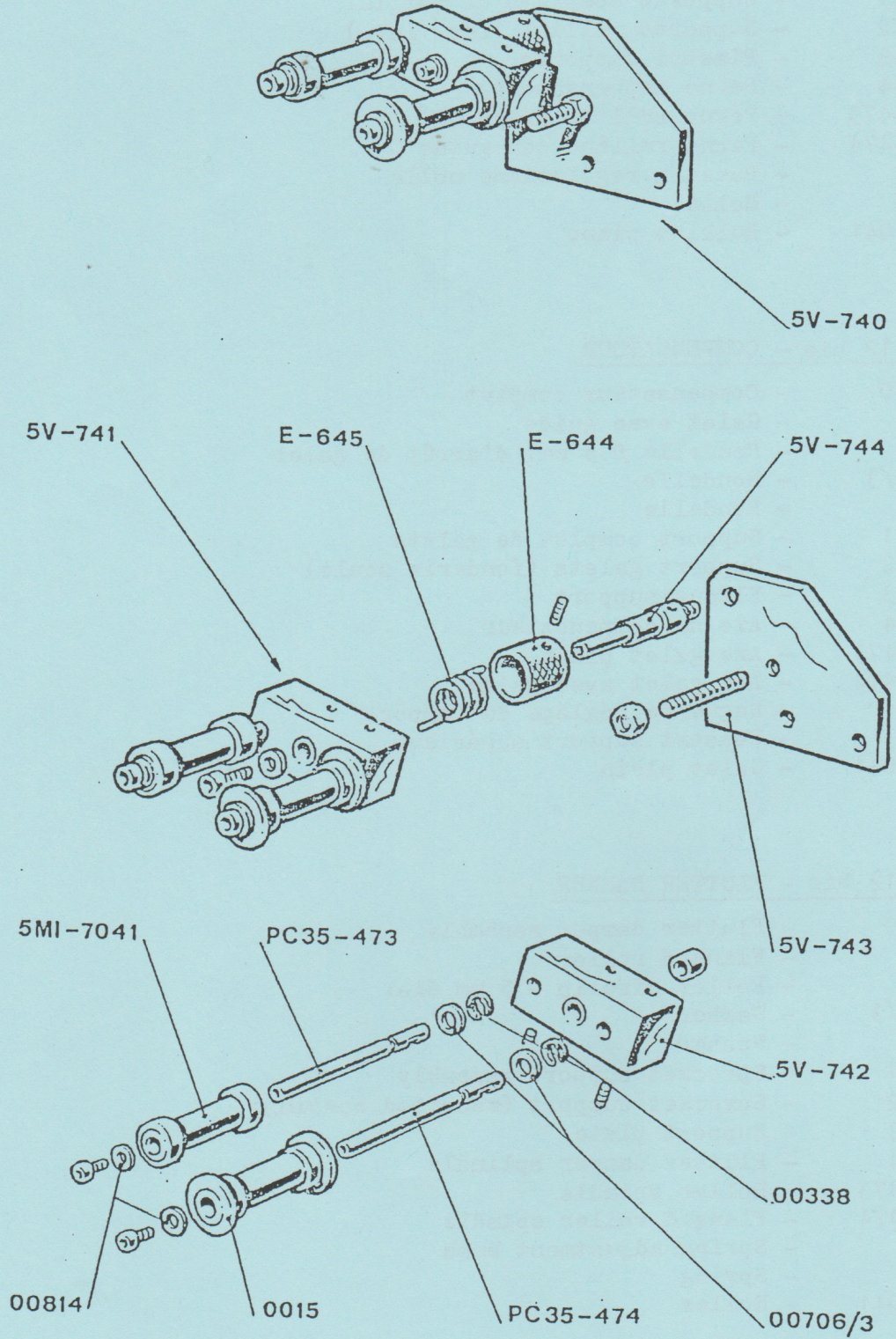
FIG. 13

FIG. 12 - DASHPOT ASSEMBLY

008	- Roller, 15mm o.d. - 5mm i.d.
0015	- Flanged roller
00338	- Roller circlip - 6mm dia.
00706/3	- Washer
00814	- Washer
01158	- Washer
8V-774	- Dashpot assembly
8V-775	- Dashpot (machined casting)
8V-790	- Spacer
8V-791	- Piston disc
8V-793a	- Flanged roller spindle
10-783	- Dashpot spring
10-786	- Spindle for 15 mm dia. roller
10-792	- Oil tank

FIG. 13 - EXCITER LAMP HOUSING

0040	- Exciter lamp housing assembly
0040/1	- Exciter lamp housing (machined casting)
0040/2	- Exciter lamp housing cover
0040/3	- Exciter lamp holder with insulating bushes
0040/4	- Exciter lamp insulating bushes and washers
0040/6	- Exciter lamp contact spring
0040/9	- Insulating bushes for part N. 0040/6
0040/10	- Exciter lamp locating spring with stud
0080	- Exciter lamp
0082	- Sound lens
00398	- Cable protection
8V-794	- Exciter lamp housing bracket



F'G.12 bis

FIG. 12 bis - COMPENSATORE

5V-740	- Compensatore completo
0015	- Rullino con guide
00338	- Anello \varnothing 5 mm. arresto rullino
00706/3	- Rosetta
00814	- Rosetta
5V-741	- Supporto completo di rullini
5V-742	- Supporto rullini (fus. lav.)
5V-743	- Piastra supporto
5V-744	- Perno compensatore
PC35-473	- Perno rullino piano
PC35-474	- Perno rullino con guide
E-644	- Bussola regolazione molla
E-645	- Molla
5MI-7041	- Rullino piano

FIG. 12 bis - COMPENSATEUR

5V-740	- Compensateur complet
0015	- Galet avec guide
00338	- Rondelle \varnothing 5 mm. d'arrêt de galet
00706/3	- Rondelle
00814	- Rondelle
5V-741	- Support complet de galets
5V-742	- Support galets (fonderie seule)
5V-743	- Plaque support
5V-744	- Axe du compensateur
PC35-473	- Axe galet plein
PC35-474	- Axe galet avec guide
E-644	- Bague de réglage du support
E-645	- Ressort support supérieur
5MI-7041	- Galet plein

FIG. 12 bis - FLUTTER DAMPER

5V-740	- Flutter damper assembly
0015	- Flanged roller
00338	- Roller circlip - 5 mm dia.
00706/3	- Washer
00814	- Washer
5V-741	- Sprocket support assembly
5V-742	- Sprocket support (machined casting)
5V-743	- Support plate
5V-744	- Flutter damper spindle
PC35-473	- Roller spindle
PC35-474	- Flanged roller spindle
E-644	- Spring adjustment bush
E-645	- Spring
5MI-7041	- Roller

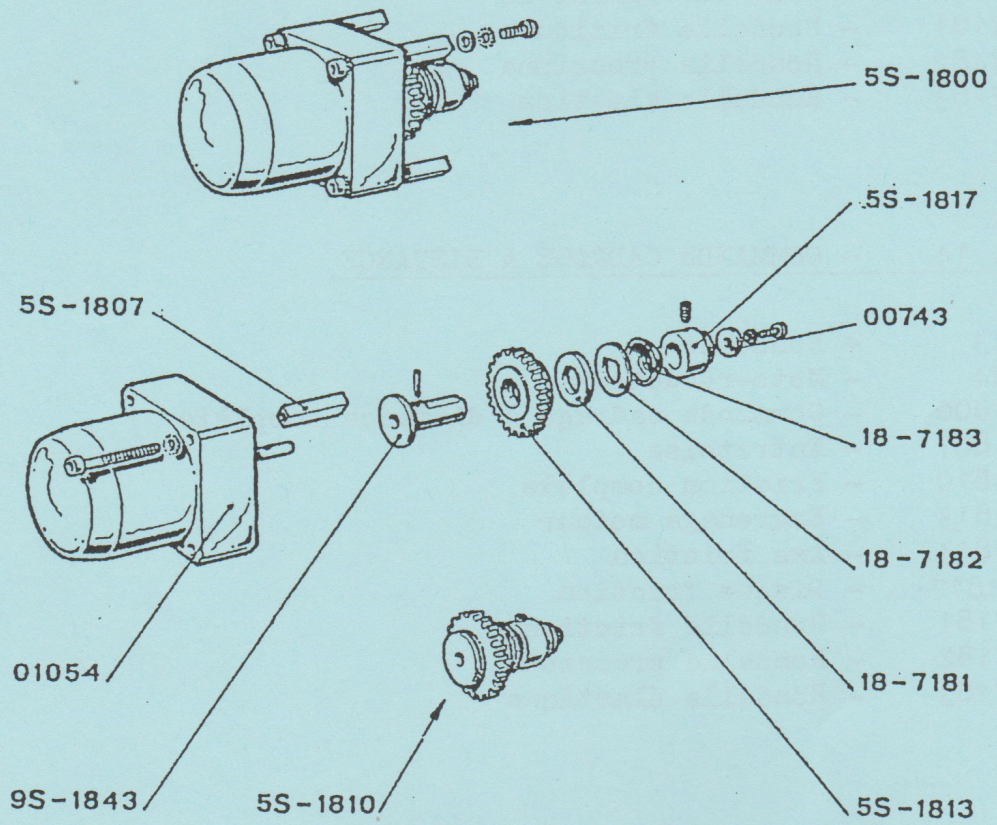


FIG. 14

FIG. 12 - DASHPOT ASSEMBLY

008 - Roller, 15mm o.d. - 5mm i.d.
0015 - Flanged roller
00338 - Roller circlip - 6mm dia.
00706/3 - Washer
00814 - Washer
01158 - Washer
8V-774 - Dashpot assembly
8V-775 - Dashpot (machined casting)
8V-790 - Spacer
8V-791 - Piston disc
8V-793a - Flanged roller spindle
10-783 - Dashpot spring
10-786 - Spindle for 15 mm dia. roller
10-792 - Oil tank

FIG. 13 - EXCITER LAMP HOUSING

0040 - Exciter lamp housing assembly
0040/1 - Exciter lamp housing (machined casting)
0040/2 - Exciter lamp housing cover
0040/3 - Exciter lamp holder with insulating bushes
0040/4 - Exciter lamp insulating bushes and washers
0040/6 - Exciter lamp contact spring
0040/9 - Insulating bushes for part N. 0040/6
0040/10 - Exciter lamp locating spring with stud
0080 - Exciter lamp
0082 - Sound lens
00398 - Cable protection
8V-794 - Exciter lamp housing bracket

FIG. 14 - COMANDO A DISTANZA MESSA IN QUADRO

00743	- Rosetta
01054	- Motoriduttore
5S-1800	- Comando a distanza messa in quadro completo
5S-1807	- Distanziatore
5S-1810	- Frizione completa
5S-1813	- Ingranaggio motore
9S-1843	- Perno frizione
5S-1817	- Piattello frizione
18-7181	- Rondella frizione
18-7182	- Rondella pressione
18-7183	- Rondella elastica

FIG. 14 - COMMANDE CADRAGE A DISTANCE

00743	- Rondelle
01054	- Moto-réducteur
5S-1800	- Commande cadrage à distance complète
5S-1807	- Entretoise
5S-1810	- Friction complète
5S-1813	- Engrenage moteur
9S-1843	- Axe friction
5S-1817	- Disque friction
18-7181	- Rondelle friction
18-7182	- Rondelle pression
18-7183	- Rondelle élastique

FIG. 14 - REMOTE FRAMING CONTROL

00743	- Washer
01054	- Motor and gear box
5S-1800	- Complete remote framing control
5S-1807	- Spacer
5S-1810	- Clutch assembly
5S-1813	- Motor gear
9S-1843	- Clutch spindle
5S-1817	- Clutch sleeve
18-7181	- Clutch washer
18-7182	- Pressure washer
18-7183	- Spring washer

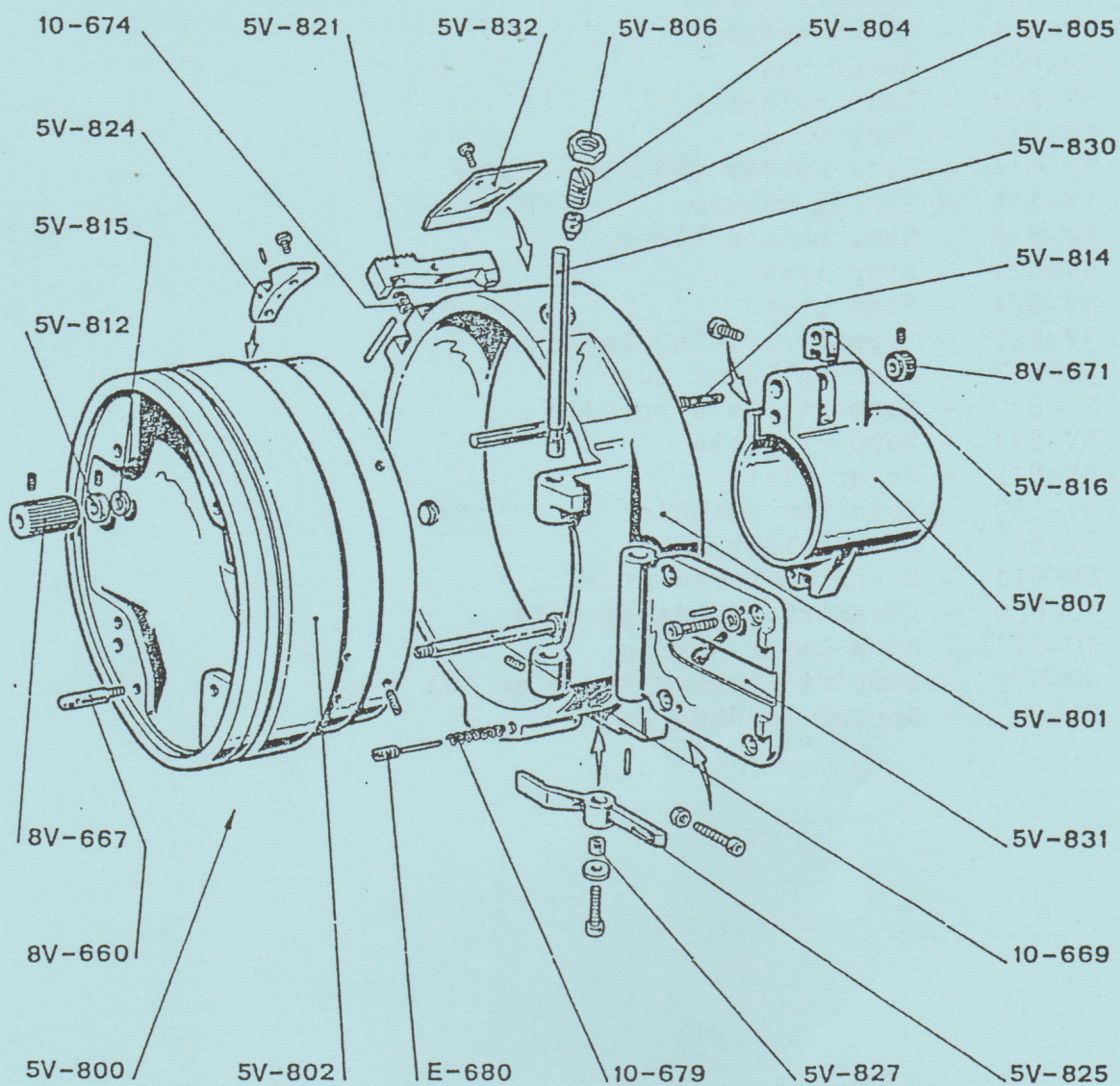


FIG. 15

FIG. 15 - TOURELLE MANUALE A DUE OBIETTIVI

5V-800 - Tourelle manuale a due obbiettivi completa
 5V-801 - Supporto fisso
 5V-802 - Supporto ruotante
 5V-804 - Vite speciale
 5V-805 - Nottolino
 5V-806 - Dado per vite
 5V-807 - Porta obbiettivo
 5V-812 - Ghiera arresto.
 5V-814 - Vite regolazione porta obbiettivo
 5V-815 - Rosetta elastica
 5V-816 - Blocchetto regolazione portaobbiettivo
 5V-821 - Leva scatto
 5V-824 - Arresto supporto ruotante
 5V-825 - Leva bloccaggio supporto
 5V-827 - Boccia leva bloccaggio
 5V-830 - Perno piastra supporto.
 5V-831 - Piastra supporto
 5V-832 - Piastrina chiusura corsa
 8V-660 - Perno rotazione
 8V-667 - Bottone regolazione portaobbiettivo
 8V-671 - Ghiera vite regolazione
 10-669 - Perno guida eccentrico
 10-674 - Molla leva scatto
 10-679 - Molla leva bloccaggio supporto
 E-680 - Grano carica molla

FIG. 15 - MANUAL TWO-LENS TURRET

5V-800 - Manual two-lens turret
 5V-801 - Fixed support
 5V-802 - Rotating support
 5V-804 - Special screw
 5V-805 - Nylon wedge
 5V-806 - Screw nut
 5V-807 - Lens holder
 5V-812 - Stop ring
 5V-814 - Lens holder focusing screw
 5V-815 - Spring washer
 5V-816 - Lens holder block
 5V-821 - Stop lever
 5V-824 - Stop plate
 5V-825 - Support locking lever
 5V-827 - Locking lever bush
 5V-830 - Support plate spindle
 5V-831 - Support plate
 5V-832 - Cover plate
 8V-660 - Rotation spindle
 8V-667 - Lens holder knob
 8V-671 - Focusing screw ring
 10-669 - Eccentric guide spindle
 10-674 - Stop lever spring
 10-679 - Support locking lever spring
 E-680 - Spring loading nut

FIG. 15 - TOURELLE MANUELLE A DEUX OBJECTIFS

5V-800 - Tourelle manuelle à deux objectifs complète
 5V-801 - Support fixe
 5V-802 - Support tournant
 5V-804 - Vis spéciale
 5V-805 - Patin nylon
 5V-806 - Ecrou de blocage
 5V-807 - Porte-objectif
 5V-812 - Bague d'arrêt
 5V-814 - Vis de réglage porte-objectif
 5V-815 - Rosette élastique
 5V-816 - Vis de blocage du système de réglage
 5V-821 - Levier de déclenchement
 5V-824 - Arrêt support tournant
 5V-825 - Levier de blocage
 5V-827 - Palier du levier de blocage
 5V-830 - Axe d'articulation
 5V-831 - Plaque support
 5V-832 - Trappe de fermeture des courses
 8V-660 - Pied de rotation manuelle
 8V-667 - Bouton de réglage porte-objectif
 8V-671 - Bague vis de réglage
 10-669 - Axe guide excentrique
 10-674 - Ressort levier de déclenchement
 10-679 - Ressort du verrou de tourelle
 E-680 - Vis de pression du ressort

FIG. 16 - TOURELLE DOPPIA AUTOMATICA

00778	- Microinterruttore
5V-801	- Supporto fisso
5V-802	- Supporto ruotante
5V-804	- Vite speciale
5V-805	- Nottolino
5V-806	- Dado per vite
5V-807	- Portaobbiettivo
5V-812	- Ghiera arretrato
5V-814	- Vite regolazione portaobbiettivo
5V-815	- Rosetta elastica
5V-816	- Blocchetto regolazione portaobbiettivo
5V-824	- Arresto supporto ruotante
5V-825	- Leva bloccaggio supporto
5V-827	- Boccola leva bloccaggio
5V-830	- Perno piastra supporto
5V-831	- Piastra supporto
5V-8100	- Tourelle doppia automatica completa
5V-8103	- Corona dentata
5V-8105	- Camma per microinterruttore
5V-8106	- Piastrina supporto microinterruttore
5V-8108	- Bottone messa a fuoco
5V-8109	- Molla
5V-8171	- Supporto elettromagnete
5V-8176	- Leva scatto
5V-8177	- Piastra giunzione leva
5V-8178	- Squadretta supporto
5V-8180	- Montaggio microinterruttore
5V-8182	- Supporto microinterruttore
8V-671	- Ghiera vite regolazione
8V-8010	- Elettromagnete (precisare tensione e periodi)
8V-8106	- Perno rotazione
8V-8131a	- Microinterruttore
10-669	- Perno guida eccentrico
10-674	- Molla leva scatto
10-679	- Molla leva bloccaggio supporto
E-680	- Grano carica molla

FIG. 16 - AUTOMATIC TWO-LENS TURRET

00778	- Microswitch
5V-801	- Fixed support
5V-802	- Rotating support
5V-804	- Special screw
5V-805	- Nylon wedge
5V-806	- Screw nut
5V-807	- Lens holder
5V-812	- Stop ring
5V-814	- Lens holder focusing screw
5V-815	- Spring washer
5V-816	- Lens holder block
5V-824	- Stop plate
5V-825	- Support locking lever
5V-827	- Locking lever bush
5V-830	- Support plate spindle
5V-831	- Support plate
5V-8100	- Automatic two-lens turret
5V-8103	- Crown gear
5V-8105	- Microswitch cam
5V-8106	- Microswitch support plate
5V-8108	- Focusing knob
5V-8109	- Spiral spring
5V-8171	- Solenoid support
5V-8176	- Stop lever
5V-8177	- Lever joint plate
5V-8178	- Support bracket
5V-8180	- Microswitch mount
5V-8182	- Microswitch support
8V-671	- Focusing screw ring
8V-8010	- Solenoid (please advise volt. and frequency)
8V-8106	- Rotation spindle
8V-8131a	- Microswitch
10-669	- Eccentric guide spindle
10-674	- Stop lever spring
10-679	- Support locking lever spring
E-680	- Spring loading nut

FIG. 16 - TOURELLE DOUBLE AUTOMATIQUE

00778	- Micro-interrupteur
5V-801	- Supporto fisso
5V-802	- Support tournant
5V-804	- Vis spéciale
5V-805	- Patin nylon
5V-806	- Ecrou de blocage
5V-807	- Porte-objectif
5V-812	- Bague d'arrêt
5V-814	- Vis de réglage porte-objectif
5V-815	- Rosetta élastique
5V-816	- Vis de blocage du système de réglage
5V-824	- Arrêt support tournant
5V-825	- Levier de blocage support
5V-827	- Palier levier de blocage
5V-830	- Axe d'articulation
5V-831	- Plaque support
5V-8100	- Tourelle double automatique complète
5V-8103	- Couronne dentée
5V-8105	- Came pour micro-interrupteur
5V-8106	- Plaquette support micro-interrupteur
5V-8108	- Bouton mise en foyer
5V-8109	- Ressort en spirale
5V-8171	- Support électro-aimant
5V-8176	- Levier de déclenchement
5V-8177	- Plaquette jonction levier
5V-8178	- Plaquette support
5V-8180	- Montage micro-interrupteur
5V-8182	- Support micro-interrupteur
8V-671	- Bague vis de réglage
8V-8010	- Electro-aimant (préciser tension et périodes)
8V-8106	- Axe de rotation
8V-8131a	- Micro-interrupteur
10-669	- Axe guide excentrique
10-674	- Ressort levier de déclenchement
10-679	- Ressort du verrou de tourelle
E-680	- Vis de pression du ressort

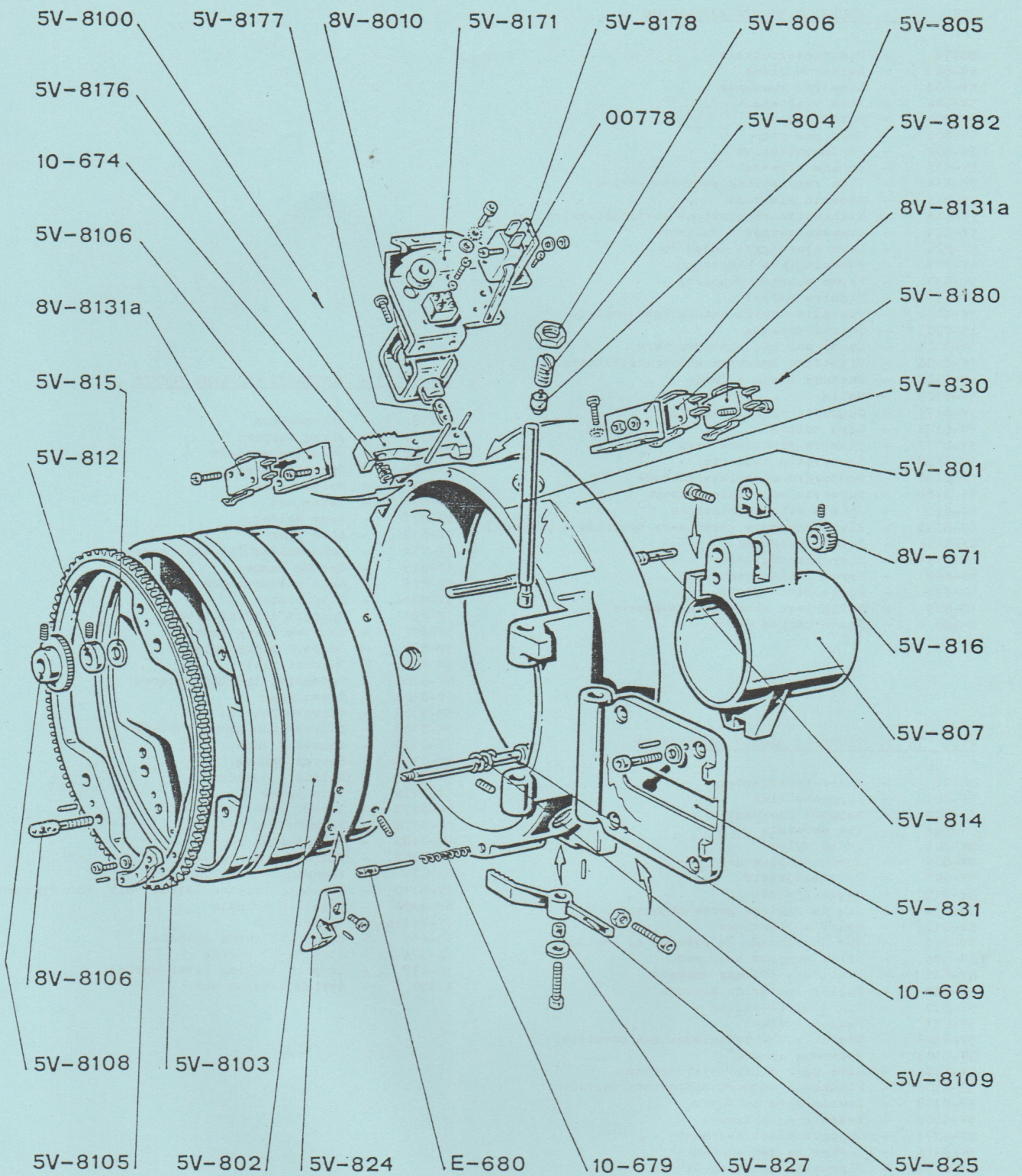


FIG. 16

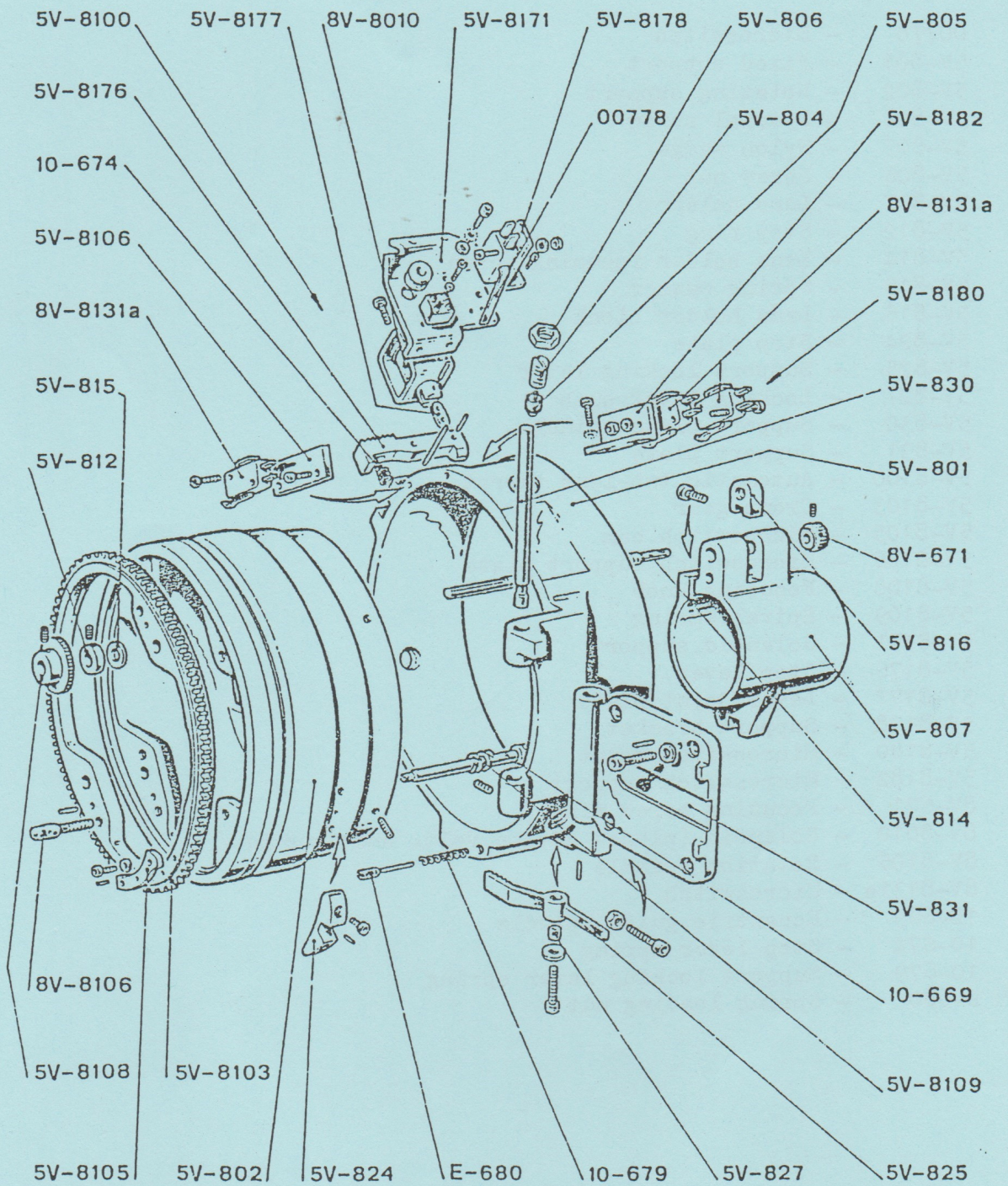


FIG. 16

FIG. 15 - MANUAL TWO-LENS TURRET

5V-800	- Manual two-lens turret
5V-801	- Fixed support
5V-802	- Rotating support
5V-804	- Special screw
5V-805	- Nylon wedge
5V-806	- Screw nut
5V-807	- Lens holder
5V-812	- Stop ring
5V-814	- Lens holder focusing screw
5V-815	- Spring washer
5V-816	- Lens holder block
5V-821	- Stop lever
5V-824	- Stop plate
5V-825	- Support locking lever
5V-827	- Locking lever bush
5V-830	- Support plate spindle
5V-831	- Support plate
5V-832	- Cover plate
8V-660	- Rotation spindle
8V-667	- Lens holder knob
8V-671	- Focusing screw ring
10-669	- Eccentric guide spindle
10-674	- Stop lever spring
10-679	- Support locking lever spring
E-680	- Spring loading nut

FIG. 16 - AUTOMATIC TWO-LENS TURRET

00778	- Microswitch
5V-801	- Fixed support
5V-802	- Rotating support
5V-804	- Special screw
5V-805	- Nylon wedge
5V-806	- Screw nut
5V-807	- Lens holder
5V-812	- Stop ring
5V-814	- Lens holder focusing screw
5V-815	- Spring washer
5V-816	- Lens holder block
5V-824	- Stop plate
5V-825	- Support locking lever
5V-827	- Locking lever bush
5V-830	- Support plate spindle
5V-831	- Support plate
5V-8100	- Automatic two-lens turret
5V-8103	- Crown gear
5V-8105	- Microswitch cam
5V-8106	- Microswitch support plate
5V-8108	- Focusing knob
5V-8109	- Spiral spring
5V-8171	- Solenoid support
5V-8176	- Stop lever
5V-8177	- Lever joint plate
5V-8178	- Support bracket
5V-8180	- Microswitch mount
5V-8182	- Microswitch support
8V-671	- Focusing screw ring
8V-8010	- Solenoid (please advise volt. and frequen.)
8V-8106	- Rotation spindle
8V-8131a	- Microswitch
10-669	- Eccentric guide spindle
10-674	- Stop lever spring
10-679	- Support locking lever spring
E-680	- Spring loading nut

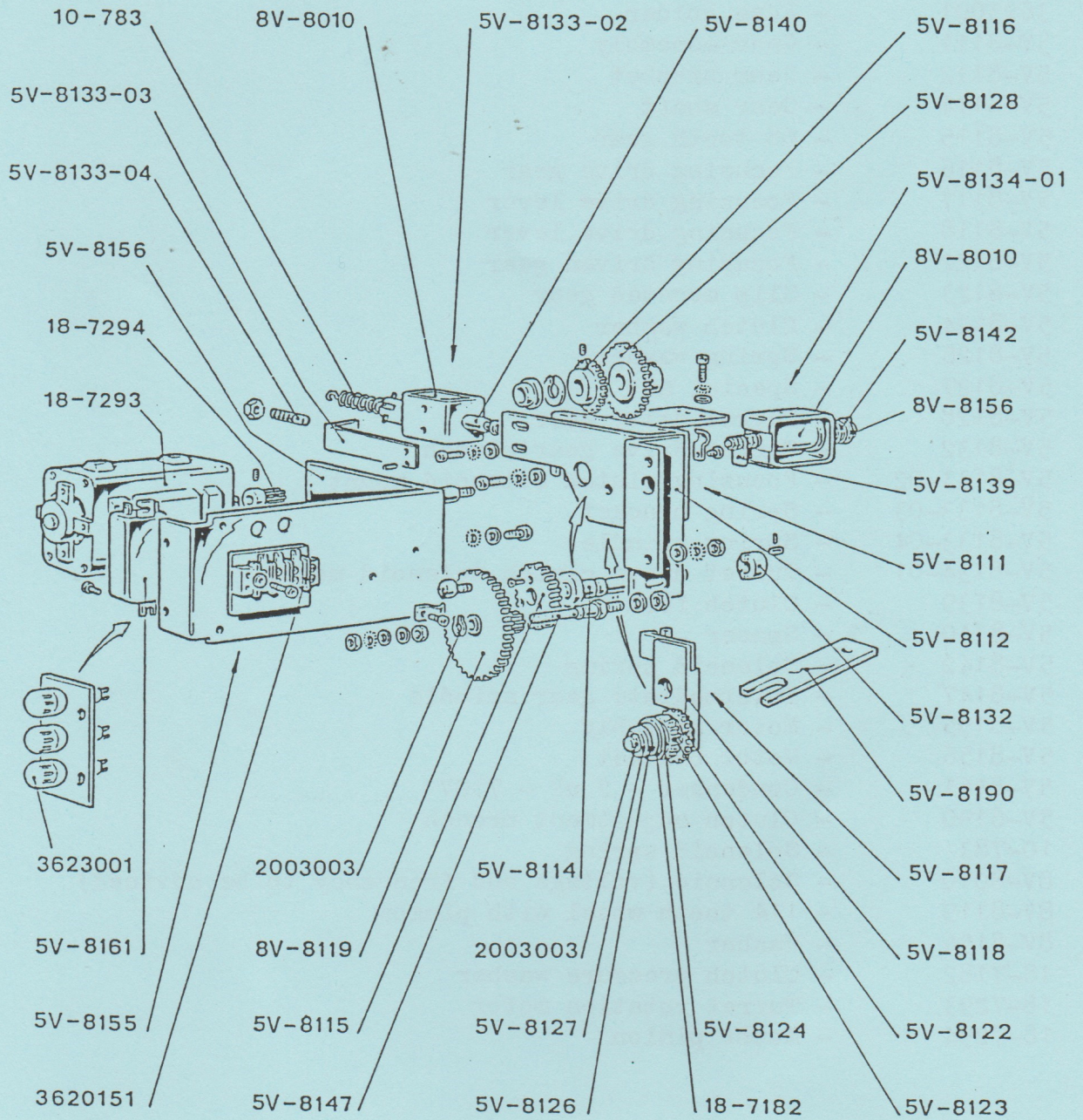


FIG. 17

FIG. 17 - AUTOMATIC 2-LENS TURRET CONTROL

2003003	- Circlip type UNI 3653 6mm dia.
3620151	- 3-terminal board
3623001	- Fuse holder
5V-8111	- Gear assembly
5V-8112	- Gear bracket
5V-8114	- Gear shaft
5V-8115	- 68 tooth gear
5V-8116	- Focusing drive gear
5V-8117	- Focusing drive lever
5V-8118	- Focusing drive lever
5V-8122	- Focusing driven gear
5V-8123	- Slip mounted gear
5V-8124	- Clutch washer
5V-8126	- Spring washer
5V-8127	- Special nut
5V-8128	- Turret drive gear
5V-8132	- Turret drive gear clutch
5V-8133-02	- Focusing clutch solenoid mount
5V-8133-03	- Spring bracket
5V-8133-04	- Spring spindle
5V-8134-01	- Turret drive clutch solenoid mount
5V-8139	- Clutch fork
5V-8140	- Spacer
5V-8142	- Solenoid spring
5V-8147	- Intermediate gear spindle
5V-8155	- Motor assembly
5V-8156	- Motor bracket
5V-8161	- Condenser - 2 uF - 750V
5V-8190	- Clutch adjustment wrench
10-783	- Solenoid spring
8V-8010	- Solenoid (voltage and frequency to be advised)
8V-8119	- 114 tooth wheel with pinion
8V-8156	- Washer
18-7182	- Clutch pressure washer
18-7293	- Turret rotation motor
18-7294	- Motor pinion

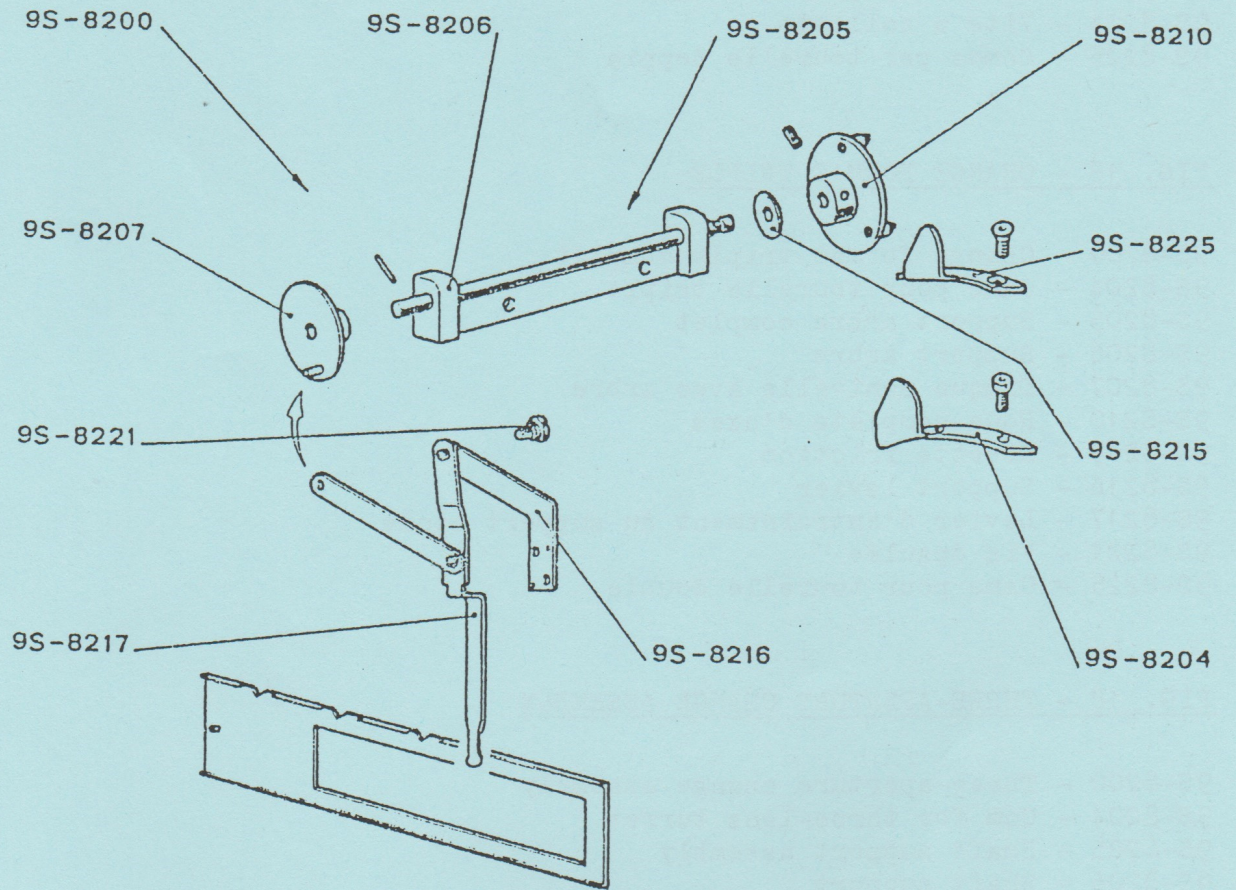


FIG. 18

FIG. 18 - CAMBIO FORMATO TRIFLO

9S-8200 - Cambio formato triplo completo
9S-8204 - Camma per tourelle tripla
9S-8205 - Supporto albero completo
9S-8206 - Supporto albero
9S-8207 - Disco manovella con albero
9S-8210 - Ruota completa di perni
9S-8215 - Rosetta frizione
9S-8216 - Supporto leva
9S-8217 - Leva completa di biella
9S-8221 - Vite a colletto
9S-8225 - Camma per tourelle doppia

FIG. 18 - CHANGE FORMAT TRIPLE

9S-8200 - Change format triple complet
9S-8204 - Came pour tourelle triple
9S-8205 - Support arbre complet
9S-8206 - Support arbre
9S-8207 - Disque manivelle avec arbre
9S-8210 - Roue complète d'axes
9S-8215 - Rosette friction
9S-8216 - Support levier
9S-8217 - Levier d'entraînement du support cache
9S-8221 - Vis épaulée
9S-8225 - Came pour tourelle double

FIG. 18 - THREE-APERTURE CHANGE ASSEMBLY

9S-8200 - Three-aperture change assembly
9S-8204 - Cam for three-lens turret
9S-8205 - Shaft support assembly
9S-8206 - Shaft support
9S-8207 - Crank disc with shaft
9S-8210 - Wheel complete with pins
9S-8215 - Clutch washer
9S-8216 - Lever support
9S-8217 - Lever complete with rod
9S-8221 - Collar screw
9S-8225 - Cam for two-lens turret

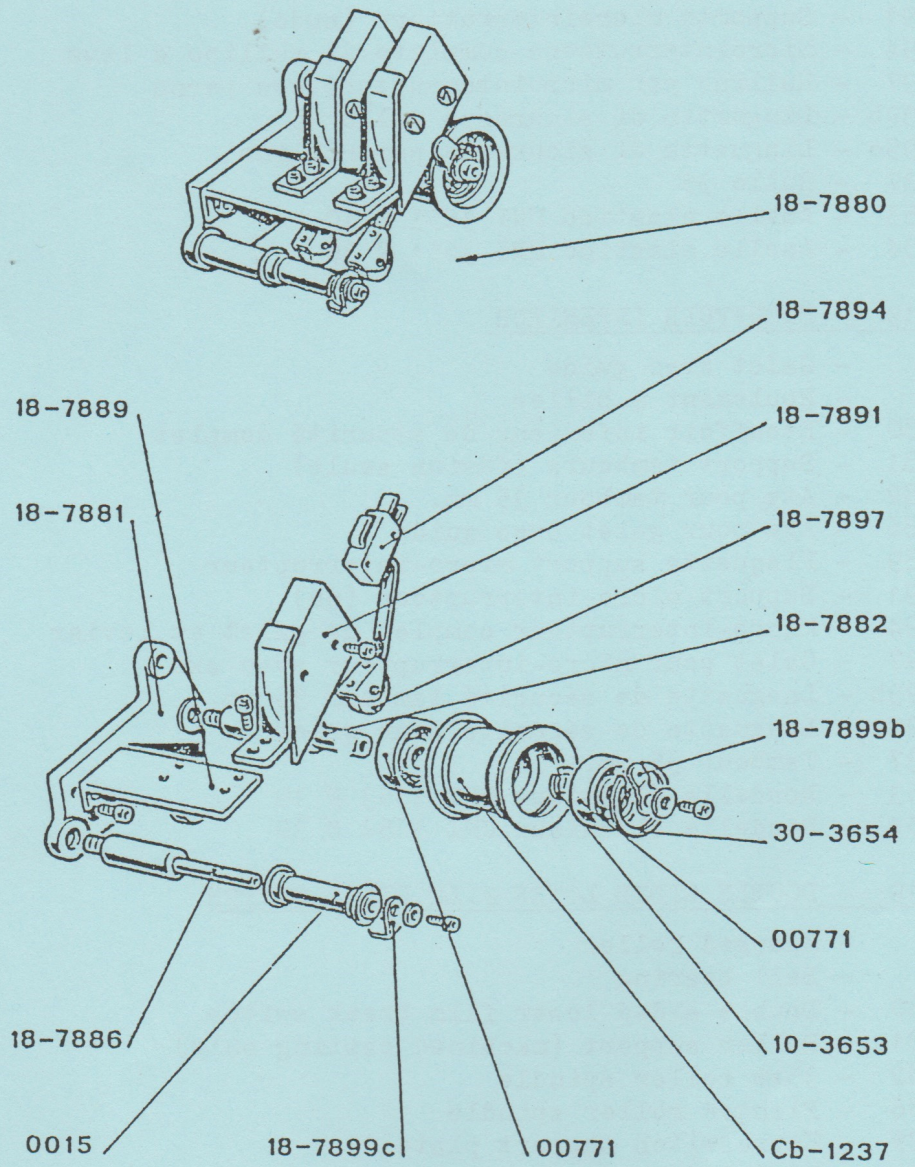


FIG. 19

FIG. 19 - CORRIDCIO INFERIORE

CC15	- Rullino con guide
CC771	- Cuscinetto a sfere
18-7880	- Corridoio inferiore di sicurezza completo
18-7881	- Supporto rulli (fus. lav.)
18-7882	- Ferno per rullo 35
18-7886	- Perno per rullino con guide
18-7889	- Squadretta supporto microinterruttore
18-7891	- Supporto microinterruttore (nudo)
18-7894	- Microinterruttore completo di rullino e leva
18-7897	- Rullino per microinterruttore con perno
18-7899b	- Linguetta di sicurezza rullo 35
18-7899c	- Linguetta di sicurezza per rullino
Cb-1237	- Rullo 35
10-3653	- Anello elastico UNI 3653 \varnothing 10
30-3654	- Anello elastico UNI 3654 \varnothing 30

FIG. 19 - ETOUFFOIR INFERIEUR

CC15	- Galet avec guide
CC771	- Roulement à billes
18-7880	- Etouffoir inférieur de sécurité complet
18-7881	- Support tambours (fusion seule)
18-7882	- Axe pour tambour 35 mm.
18-7886	- Axe pour galet avec guide
18-7889	- Plaquette support micro-interrupteur
18-7891	- Support micro-interrupteur (nu)
18-7894	- Micro-interrupteur complet de galet et levier
18-7897	- Galet pour micro-interrupteur avec axe
18-7899b	- Languette de sécurité tambour 35 mm.
18-7899c	- Languette de sécurité pour galet
Cb-1237	- Tambour 35 mm.
10-3653	- Rondelle élastique UNI 3653 \varnothing 10
30-3654	- Rondelle élastique UNI 3654 \varnothing 30

FIG. 19 - DOUBLE SIDED LOWER FILM BREAK SWITCH

CC15	- Flanged roller
CC771	- Ball bearing
18-7880	- Double sided lower film break switch
18-7881	- Roller support (machined casting only)
18-7882	- 35mm roller spindle
18-7886	- Flanged roller spindle
18-7889	- Microswitch support plate
18-7891	- Microswitch support only
18-7894	- Microswitch complete with roller and lever
18-7897	- Microswitch roller with spindle
18-7899b	- Safety tab for 35mm roller
18-7899c	- Safety tab for roller
Cb-1237	- 35mm roller
10-3653	- Circlip type UNI 3653 - 10mm dia.
30-3654	- Circlip type UNI 3654 - 30mm dia.

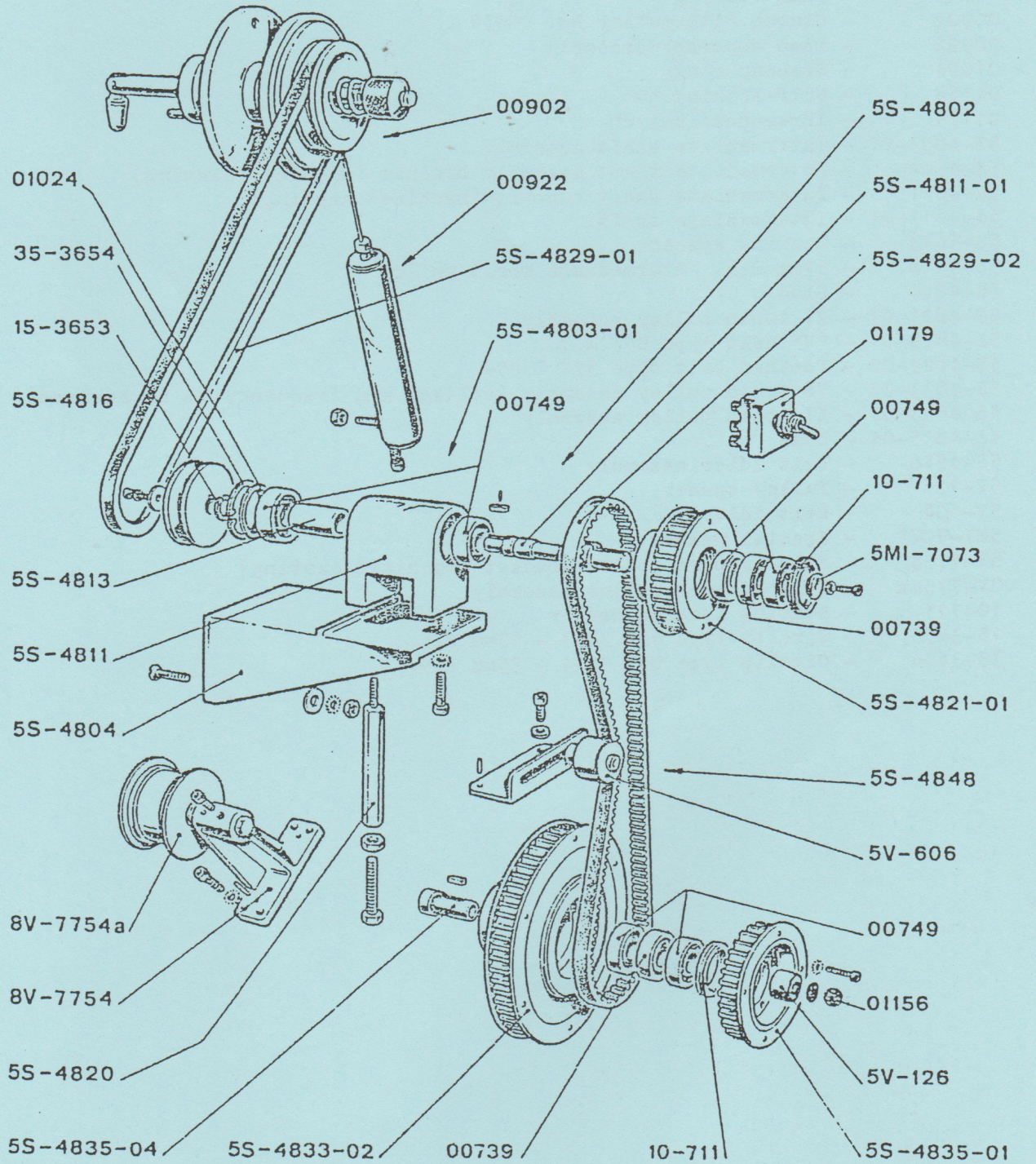


FIG. 20

FIG. 20 - REWIND WITH LOOP ABSORBER

5S-4802	- Rewind assembly
00739	- One-way clutch
00749	- Ball bearing
00902	- Clutch with pulley No. 00939
00922	- Loop absorber assembly
01024	- Spacing ring
01156	- Self-locking nut
01179	- Three-pole switch
5S-4803-01	- Intermediate shaft assembly
5S-4804	- Intermediate shaft assembly bracket (machined casting)
5S-4811	- Intermediate shaft support (machined casting)
5S-4811-01	- Intermediate shaft
5S-4813	- Bearing spacer
5S-4816	- 51mm dia. intermediate shaft pulley
5S-4820	- Stud
5S-4821-01	- 27 tooth pulley assembly
5S-4829-01	- "V" belt type UNI X 74
5S-4829-02	- Toothed belt type 322 L 050
5S-4833-02	- 78 tooth pulley assembly (voltage and frequency to be advised)
5S-4835-01	- 27 tooth pulley assembly
5S-4835-04	- Bush
5S-4848	- Belt idler assembly
5V-126	- Pulley spacer
5V-606	- Belt idler
5MI-7073	- Special washer
8V-7754	- Film by-pass roller bracket (machined casting)
8V-7754a	- Film by-pass roller assembly
10-711	- Bearing locking washer
15-3653	- Circlip type UNI 3653 - 15mm dia.
35-3654	- Circlip type UNI 3654 - 35mm dia.

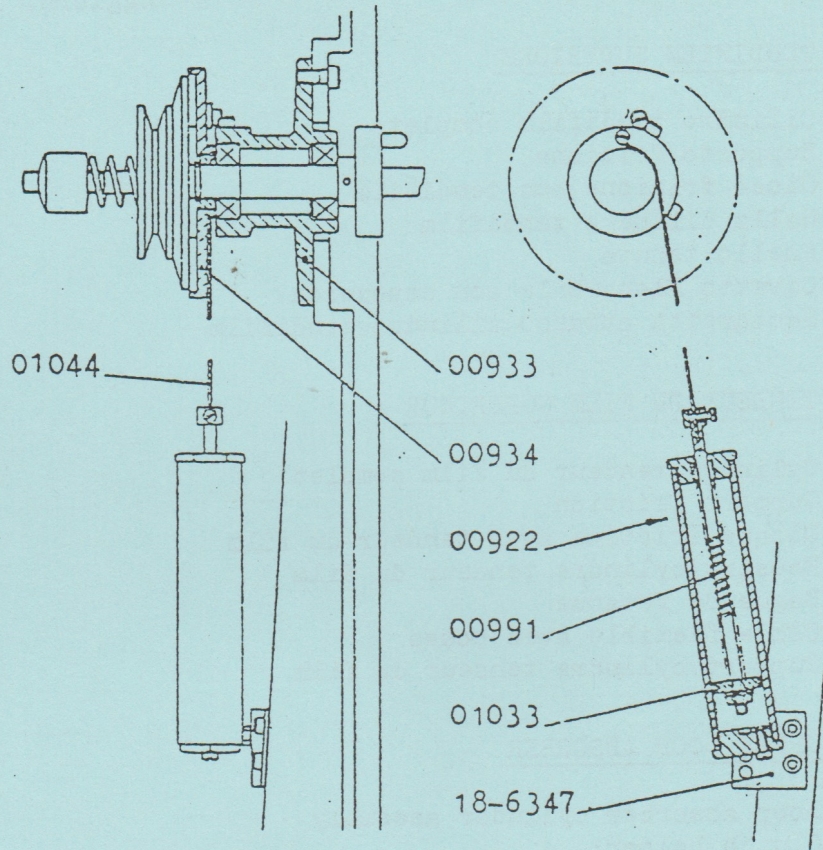


FIG. 22

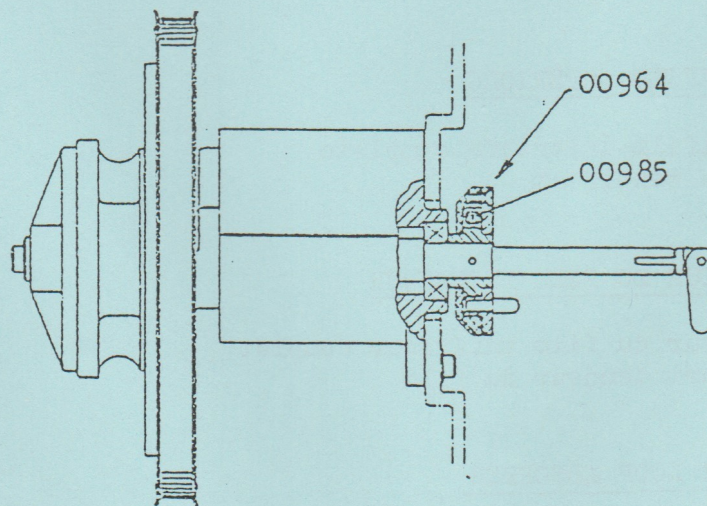


FIG. 23

FIG. 22 - TENDIFILM SUPERIORE

- 00922 - Cilindro tendifilm completo
- 00933 - Supporto frizione
- 00934 - Disco frizione con tendifilm
- 00991 - Molla cilindro tendifilm
- 01033 - Anello tenuta
- 01044 - Cavetto flessibile con capocorda
- 18-6347 - Squadretta attacco cilindro tendifilm

FIG. 22 - TENDEUR DU FILM SUPERIEUR

- 00922 - Cylindre tendeur du film complet
- 00933 - Support friction
- 00934 - Disque friction avec tendeur du film
- 00991 - Ressort cylindre tendeur du film
- 01033 - Bague de retenue
- 01044 - Câble flexible avec cosse
- 18-6347 - Support cylindre tendeur du film

FIG. 22 - UPPER LOOP ABSORBER

- 00922 - Loop absorber cylinder assembly
- 00933 - Clutch holder
- 00934 - Clutch disc with loop absorber
- 00991 - Loop absorber cylinder spring
- 01033 - Seal ring
- 01044 - Cable with lug
- 18-6347 - Loop absorber cylinder bracket

FIG. 23 - TENDIFILM INFERIORE

- 00964 - Tendifilm inferiore completo
- 00985 - Molla tendifilm

FIG. 23 - TENDEUR DU FILM INFERIEUR

- 00964 - Tendeur du film inférieur complet
- 00985 - Ressort tendeur du film

FIG. 23 - LOWER LOOP ABSORBER

- 00964 - Lower loop absorber assembly
- 00985 - Loop absorber spring

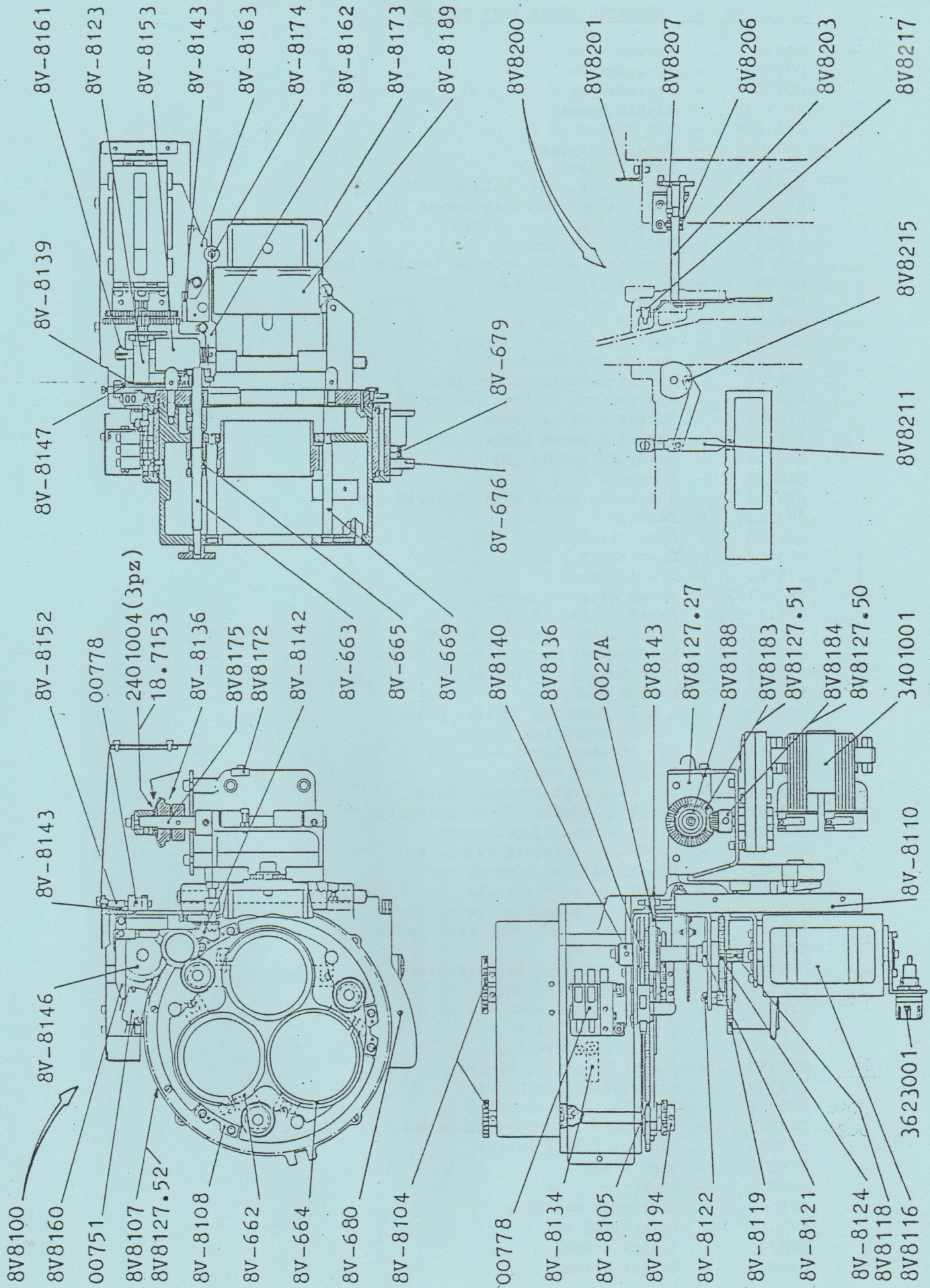


FIG. 44

FIG. 44 - AUTOMATIC THREE-LENS TURRET

0027A	- Spring
00751	- Microswitch
00778	- Microswitch
18.7153	- Clutch washer
2401004	- Cup spring
3401001	- Motor/gear-box
3623001	- Fuse-holder
8V662	- 62.5mm dia. lens holder
8V663	- Lens holder focusing screw
8V664	- 70.6mm dia. lens holder
8V665	- Lens holder block
8V669	- Eccentric guide spindle for lens holder
8V676	- Turret locking lever
8V679	- Lever spring
8V680	- Spring loading nut
8V8100	- Automatic 3-lens turret
8V8104	- Manual focussing nut
8V8105	- Turret rotation crown gear
8V8107	- Microswitch control cam 50 Hz
8V8108	- Turret locking notch
8V8110	- Turret support plate
8V8116	- Motor EE 24/80-1350
8V8118	- Pinion Z = 19
8V8119	- 114 tooth wheel with 20 tooth pinion
8V8121	- Bearing
8V8122	- Gear spindle
8V8123	- Gear shaft
8V8124	- Z = 120 gear
8V8127.27	- Motor gear-box mount
8V8127.50	- Bevel pinion-60 Hz
8V8127.51	- Bevel toothed gear - 60 Hz
8V8127.52	- Microswitch control cam - 60 Hz
8V8134	- Microswitch control plate
8V8136	- Clutch washer
8V8139	- Z = 30 focusing control gear
8V8140	- Clutch adjusting sleeve
8V8142	- Turret stop lever assembly
8V8143	- Microswitch control rod
8V8146	- Z = 42 turret rotation gear
8V8147	- Focusing control lever assembly
8V8152	- Microswitch adjusting cam
8V8153	- 220V-50Hz solenoid assembly
8V8160	- Manual release control rod
8V8161	- Manual release spindle
8V8162	- Turret stop control lever
8V8163	- Anamorphic lens stop lever with rod
8V8172	- Plate spring
8V8173	- Anamorphic lens support plate
8V8174	- Plate locking spindle
8V8175	- Plate spindle with spacer
8V8183	- Z = 40 bevel gear
8V8184	- Z = 20 bevel pinion
8V8188	- Clutch adjusting sleeve
8V8189	- Anamorphic lens holder
8V8194	- Focusing knob assembly
8V8200	- V.8 triple aperture plate control linkage
8V8201	- Cam for triple turret
8V8203	- Disc shaft
8V8206	- Spacer
8V8207	- Disc with spindles
8V8211	- Lever with rod
8V8215	- Collar screw
8V8217	- Collar screw

VICTORIA 5 - 5 M.I.

Pezzi di ricambio

Pièces de rechange

Spare parts

FIG. 30 - RULLI E RULLINI PER RETROMARCIA

00740	- Rosetta D. 6,2x18x2
01297	- Rullo Z16 normale
2003009	- Anello elastico UNI 3653 \varnothing 12
2004017	- Anello elastico UNI 3654 \varnothing 28
2005005	- Anello di compensazione \varnothing 18mm.
2005015	- Anello di compensazione \varnothing 28mm.
3003004	- Cuscinetto a sfere D. 5x16x5
3003012	- Cuscinetto a sfere D. 12x28x8
3201003	- Cinghia dentata 130 XL 025
5MI7036	- Blocchetto porta rullini completo
5MI7038	- Perno rullino
5MI7041	- Rullino piano
5MI7043	- Blocchetto supporto
5MI7080	- Rullino superiore completo
5MI7081	- Perno rullino superiore
8V7402C	- Distanziale cuscinetto
D01736	- Puleggia Z30 completa
D01739	- Puleggia Z20 completa
D01781	- Supporto rullo retromarcia completo (dal N°5872836)
D01782	- Supporto rullo
D01783	- Albero rullo retromarcia
PC35.115	- Ghiera per allineamento

FIG. 30 - TAMBOURS ET GALETS POUR MARCHE ARRIERE

00740	- Rondelle D. 6,2x18x2
01297	- Debiteur Z16 standard
2003009	- Rondelle élastique UNI 3653 \varnothing 12mm.
2004017	- Rondelle élastique UNI 3654 \varnothing 28mm.
2005005	- Bague de compensation \varnothing 18mm.
2005015	- Bague de compensation \varnothing 28mm.
3003004	- Roulement à billes D. 5x16x5
3003012	- Roulement à billes D. 12x28x8
3201003	- Courroie 130 XL 025
5MI7036	- S/E galets brise boucle complet
5MI7038	- Axe pour galet
5MI7041	- Galet plein
5MI7043	- Plaque support
5MI7080	- Galet supérieur complet
5MI7081	- Axe galet supérieur
8V7402C	- Intermédiaire de roulement
D01736	- Poulie Z30 complete
D01739	- Poulie Z20 complete
D01781	- Support tambour marche arrière complet (à partir du N°5872836)
D01782	- Support tambour
D01783	- Axe tambour
PC35.115	- Bague pour alignement

FIG. 30 - SPROCKETS AND ROLEERS FOR REVERSE OPERATION

00740	- Washer D. 6,2x18x2
01297	- Standard 16 teeth sprocket
2003009	- Circlip type UNI 3653 - 12mm. dia.
2004017	- Circlip type UNI 3654 - 28mm. dia.
2005005	- Spacing ring 18mm. dia.
2005015	- Spacing ring 28mm. dia.
3003004	- Ball bearing D. 5x16x5
3003012	- Ball bearing D. 12x28x8
3201003	- Belt type 130 XL 025
5MI7036	- Brake rollers subassembly
5MI7038	- Roller spindle
5MI7041	- Roller
5MI7043	- Roller support plate
5MI7080	- Upper roller assembly
5MI7081	- Upper roller spindle
8V7402C	- Bearing spacer
D01736	- 30 tooth pulley assembly
D01739	- 20 tooth pulley assembly
D01781	- Reverse sprocket support assembly (from serial N°5872836)
D01782	- Reverse sprocket support
D01783	- Sprocket spindle
PC35.115	- Alignment spacer

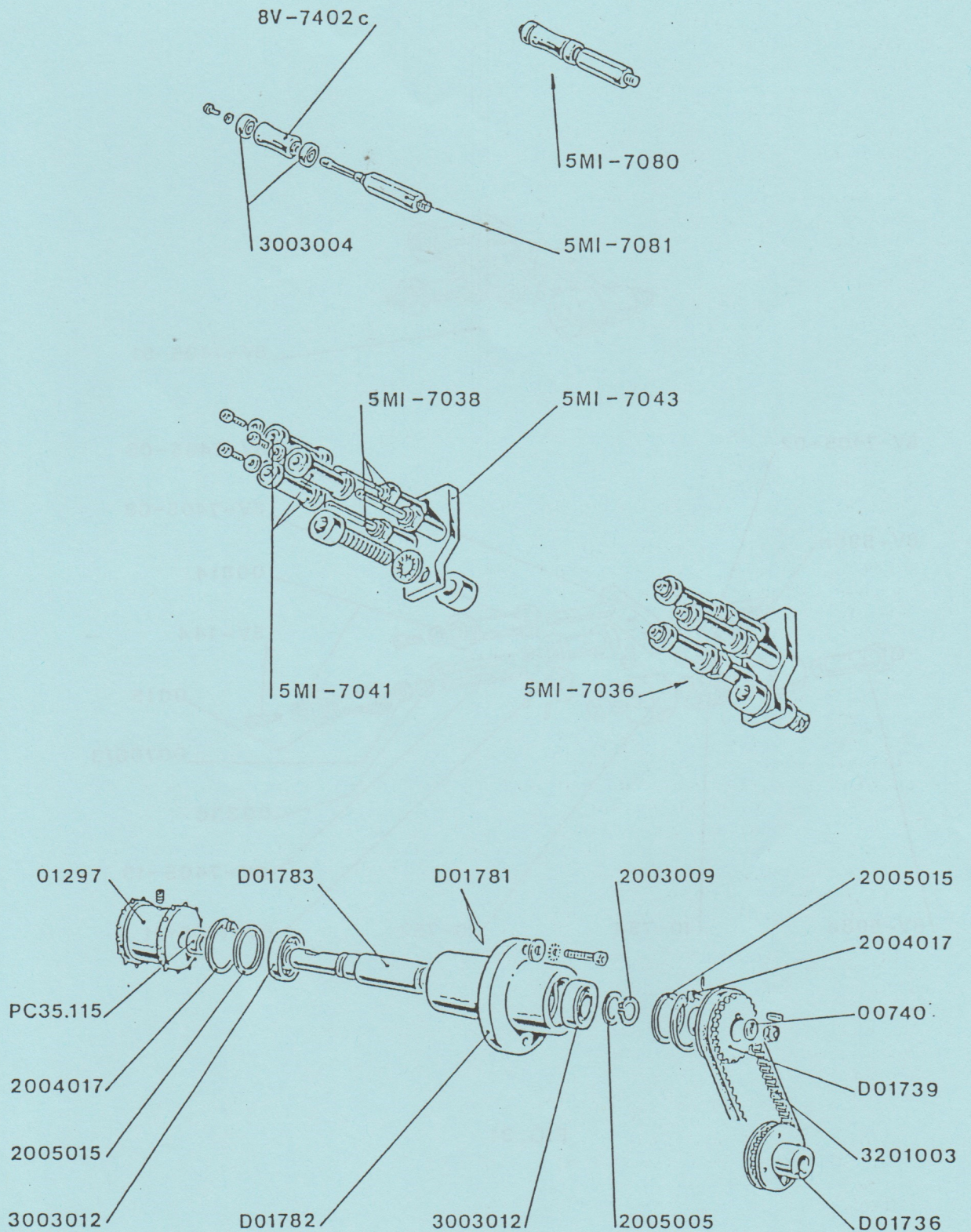


FIG. 30

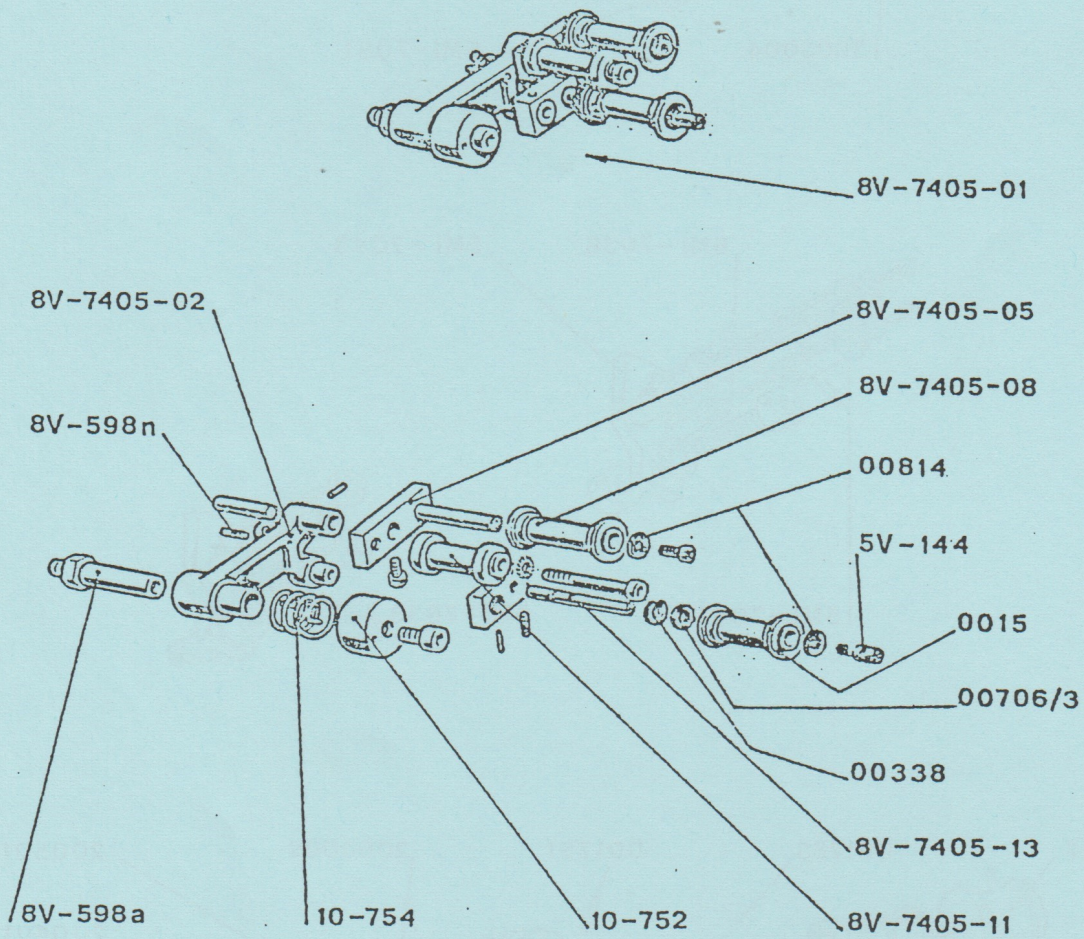


FIG. 31

FIG. 31 - TELAIO RULLINI PER RULLO CROCE DI MALTA

0015	- Rullino con guide
00338	- Anello diam. 6 arresto rullino
00706/3	- Rosetta
00814	- Rosetta
5V-144	- Perno con gambo filettato
8V-598a	- Perno telaio rullo Croce di Malta
8V-598n	- Perno arresto telaio
8V-7405-01	- Telaio rullo Croce di Malta completo
8V-7405-02	- Telaio rullo Croce di Malta (fus. lav.)
8V-7405-05	- Blocchetto supporto completo di perno
8V-7405-08	- Rullino con guide e gole
8V-7405-11	- Rullino piano fisso
8V-7405-13	- Perno rullino con guide
10-752	- Bussola molla telaio
10-754	- Molla telaio

FIG. 31 - SUPPORT GALETS POUR TAMBOUR CROIX DE MALTE

0015	- Galet avec guide
00338	- Rondelle diam. 6 d'arrêt de galet
00706/3	- Rondelle
00814	- Rondelle
5V-144	- Axe fileté
8V-598a	- Axe support tambour de Croix de Malte
8V-598n	- Axe arrêt support
8V-7405-01	- Support tambour de Croix de Malte complet
8V-7405-02	- Support tambour de Croix de Malte (fusion seule)
8V-7405-05	- Support complet d'axe
8V-7405-08	- Galet avec guides et gorges
8V-7405-11	- Galet plein fixe
8V-7405-13	- Axe de galet avec guide
10-752	- Bague du ressort de support
10-754	- Ressort du support

FIG. 31 - INTERMITTENT SPROCKET ROLLER ARM

0015	- Flanged roller
00338	- Roller circlip - 6mm dia.
00706/3	- Washer
00814	- Washer
5V-144	- Threaded spindle
8V-598a	- Spindle for intermittent sprocket roller arm
8V-598n	- Roller arm stop spindle
8V-7405-01	- Intermittent sprocket roller arm assembly
8V-7405-02	- Intermittent sprocket roller arm (machined casting)
8V-7405-05	- Support block complete with spindle
8V-7405-08	- Flanged and grooved roller
8V-7405-11	- Fixed roller
8V-7405-13	- Flanged roller spindle
10-752	- Roller arm spring bush
10-754	- Roller arm spring

FIG. 32 - CORRIDOIO SUPERIORE

00771	-	Cuscinetto a sfere
00814	-	Rosetta
01181	-	Rullo con guide
8V-7850	-	Corridoio superiore di sicurezza completo
8V-7854	-	Supporto rulli (fus. lav.)
8V-7867	-	Perno per rullo con guide
18-7882	-	Perno per rullo 35
18-7889	-	Squadretta supporto microinterruttore
18-7891	-	Supporto microinterruttore (nudo)
18-7894	-	Microinterruttore completo di rullino e leva
18-7897	-	Rullino per microinterruttore con perno
18-7899b	-	Linguetta di sicurezza rullo 35
Cb-1237	-	Rullo 35
10-3653	-	Anello elastico UNI 3653 \varnothing 10
30-3654	-	Anello elastico UNI 3654 \varnothing 30

FIG. 32 - ETOUFFOIR SUPERIEUR

00771	-	Roulement à billes
00814	-	Rondelle
01181	-	Galet guide
8V-7850	-	Etouffoir supérieur de sécurité complet
8V-7854	-	Support rouleaux (fusion seule)
8V-7867	-	Axe pour tambour avec guide
18-7882	-	Axe pour tambour 35 mm.
18-7889	-	Plaquette support micro-interrupteur
18-7891	-	Support micro-interrupteur (nu)
18-7894	-	Micro-interrupteur complet de galet et levier
18-7897	-	Galet pour micro-interrupteur avec axe
18-7899b	-	Langnette de sécurité tambour 35 mm.
Cb-1237	-	Rouleau 35 mm.
10-3653	-	Rondelle élastique UNI 3653 \varnothing 10
30-3654	-	Rondelle élastique UNI 3654 \varnothing 30

FIG. 32 - DOUBLE SIDED UPPER FILM BREAK SWITCH

00771	-	Ball bearing
00814	-	Washer
01181	-	Flanged roller
8V-7850	-	Double sided upper film break switch
8V-7854	-	Roller support (machined casting only)
8V-7867	-	Flanged roller spindle
18-7882	-	35mm roller spindle
18-7889	-	Microswitch support plate
18-7891	-	Microswitch support only
18-7894	-	Microswitch complete with roller and lever
18-7897	-	Microswitch roller with spindle
18-7899b	-	Safety tab for 35mm roller
Cb-1237	-	35mm roller
10-3653	-	Circlip type UNI 3653 - 10mm dia.
10-3654	-	Circlip type UNI 3654 - 30mm dia.

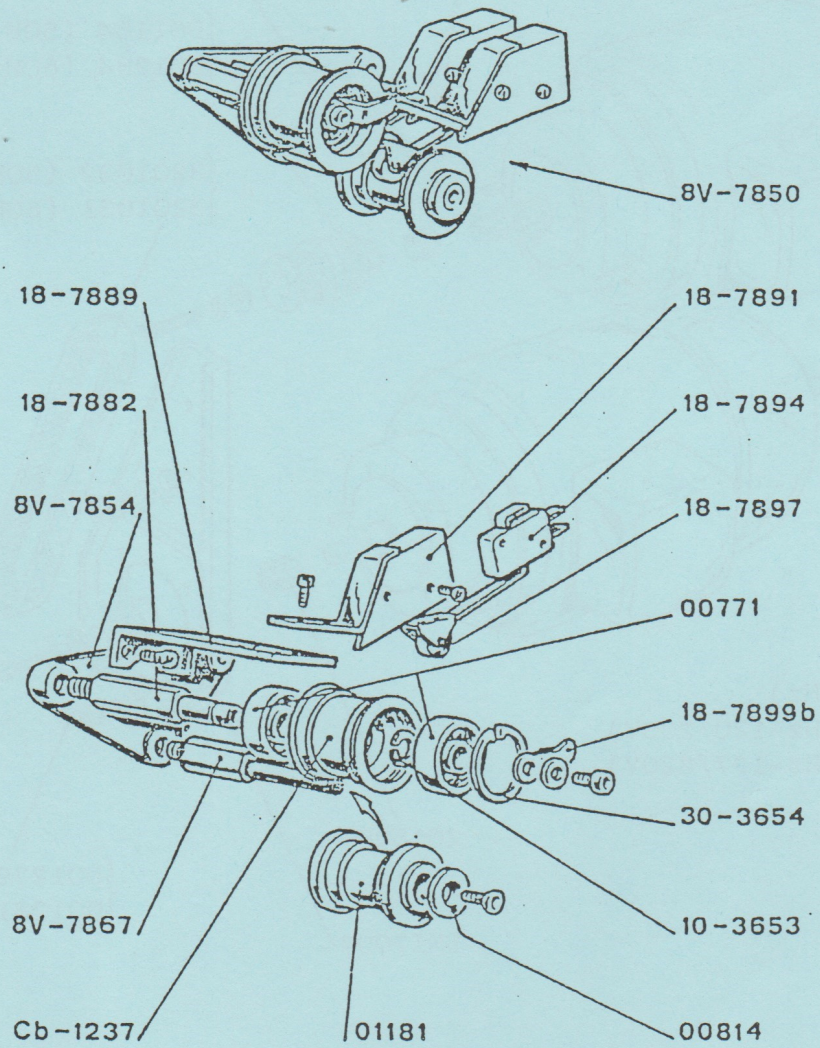


FIG. 32

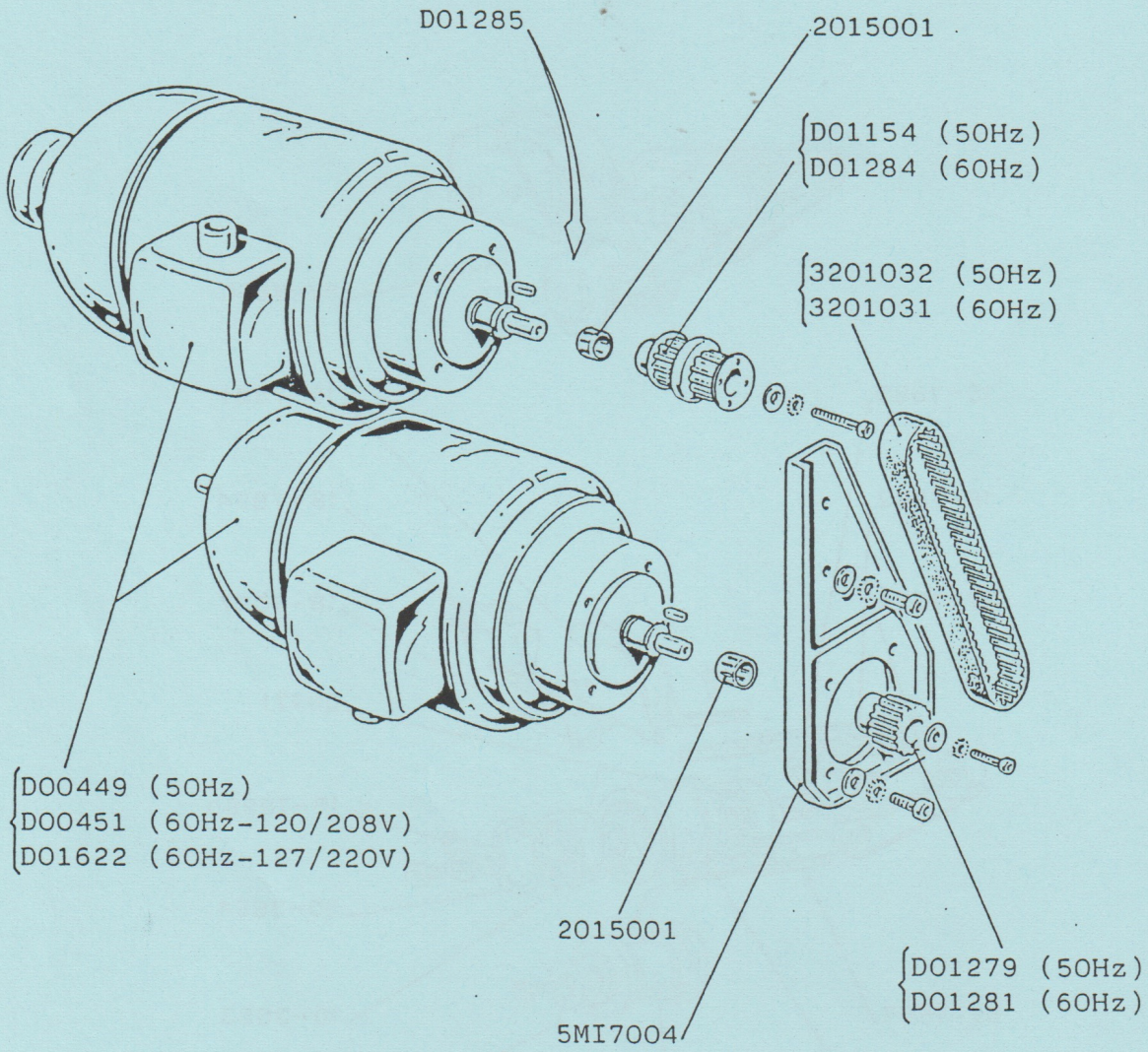


FIG. 33

FIG. 33 - GRUPPO MOTORI (dal N°5872764)

2015001 - Anello di compensazione
 3201031 - Cinghia dentata 160 XL 050 (60 HZ)
 3201032 - Cinghia dentata 170 XL 050 (50 HZ)
 5MI7004 - Supporto motore
 D00449 - Motore asincrono 3fase 230/400V 50HZ
 D00451 - Motore asincrono 3fase 120/208V 60HZ
 D01154 - Pignone motore doppio 50HZ
 D01279 - Pignone motore Z33 - 50HZ
 D01281 - Pignone motore Z28 - 60HZ
 D01284 - Pignone motore doppio 60HZ
 D01285 - Gruppo motori completo
 D01622 - Motore asincrono 3fase 127/220V 60HZ

FIG. 33 - GROUPES MOTEURS (à partir du N°5872764)

2015001 - Bague de compensation
 3201031 - Courroie 160 XL 050 (60HZ)
 3201032 - Courroie 170 XL 050 (50HZ)
 5MI7004 - Support moteur
 D00449 - Moteur asynchrone triphase 230/400V 50HZ
 D00451 - Moteur asynchrone triphase 120/208V 60HZ
 D01154 - Pignon double complet 50HZ
 D01279 - Pignon moteur Z33 - 50HZ
 D01281 - Pignon moteur Z28 - 60HZ
 D01284 - Pignon double complet 60Hz
 D01285 - Groupes moteurs complet
 D01622 - Moteur asynchrone triphase 127/220V 60HZ

FIG. 33 - MOTOR ASSEMBLY (from serial N°5872764)

2015001 - Spacing ring
 3201031 - Belt type 160 XL 050 (60HZ)
 3201032 - Belt type 170 XL 050 (50HZ)
 5MI7004 - Motor support
 D00449 - 3ph asynchronous motor 230/400V 50HZ
 D00451 - 3ph asynchronous motor 120/208V 60HZ
 D01154 - Double pinion motor 50HZ
 D01279 - 33 tooth motor pinion 50HZ
 D01281 - 28 tooth motor pinion 60HZ
 D01284 - Double pinion motor 60HZ
 D01285 - Motor assembly
 D01622 - 3ph asynchronous motor 127/220V 60HZ

FIG. 34 - STACCO PATTINI

- 5MI-7103 - Asta con piastrine
- 5MI-7106 - Blocchetto completo di piastrina e viti
- 5MI-7109 - Elettromagnete completo di supporto
- 5MI-7110 - Squadretta supporto
- 5MI-7111 - Perno leva
- 5MI-7112 - Leva
- 5MI-7114 - Elettromagnete completo (precisare Volt e periodi)
- 5MI-7115 - Squadretta arresto
- 5MI-7120 - Morsettiera 2 posti
- 5MI-7122 - Protezione
- 8V-8147a - Rosetta

FIG. 34 - SOUS-ENSEMBLE DECOMPRESSION DU COULOIR DE FILM

- 5MI-7103 - Tige de commande de décompression
- 5MI-7106 - Support de cette tige complet
- 5MI-7109 - Electro-aimant complet de support
- 5MI-7110 - Plaquette support
- 5MI-7111 - Entretoise d'articulation
- 5MI-7112 - Levier d'articulation
- 5MI-7114 - Electro-aimant complet (préciser Volt et périodes)
- 5MI-7115 - Plaquette d'arrêt
- 5MI-7120 - Barrette de connexion
- 5MI-7122 - Capot de protection
- 8V-8147a - Rondelle

FIG. 34 - GATE RELEASE ASSEMBLY

- 5MI-7103 - Rod with spring release plates
- 5MI-7106 - Block complete with plate and screws
- 5MI-7109 - Solenoid complete with mount
- 5MI-7110 - Solenoid mounting bracket
- 5MI-7111 - Lever spindle
- 5MI-7112 - Lever
- 5MI-7114 - Solenoid assembly (voltage and frequency to be advised)
- 5MI-7116 - Stop bracket
- 5MI-7120 - Terminal board
- 5MI-7122 - Solenoid cover
- 8V-8147a - Washer

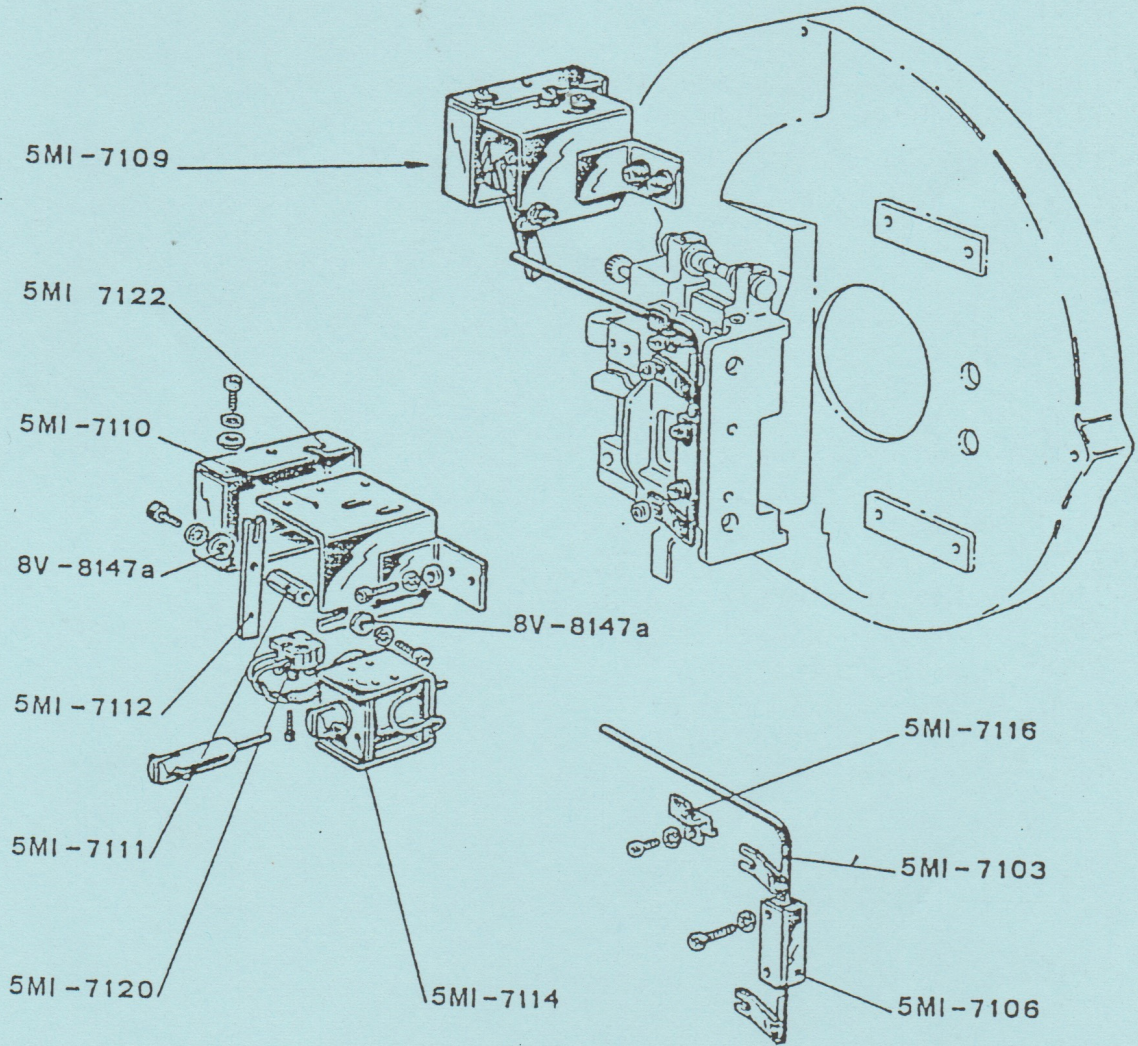
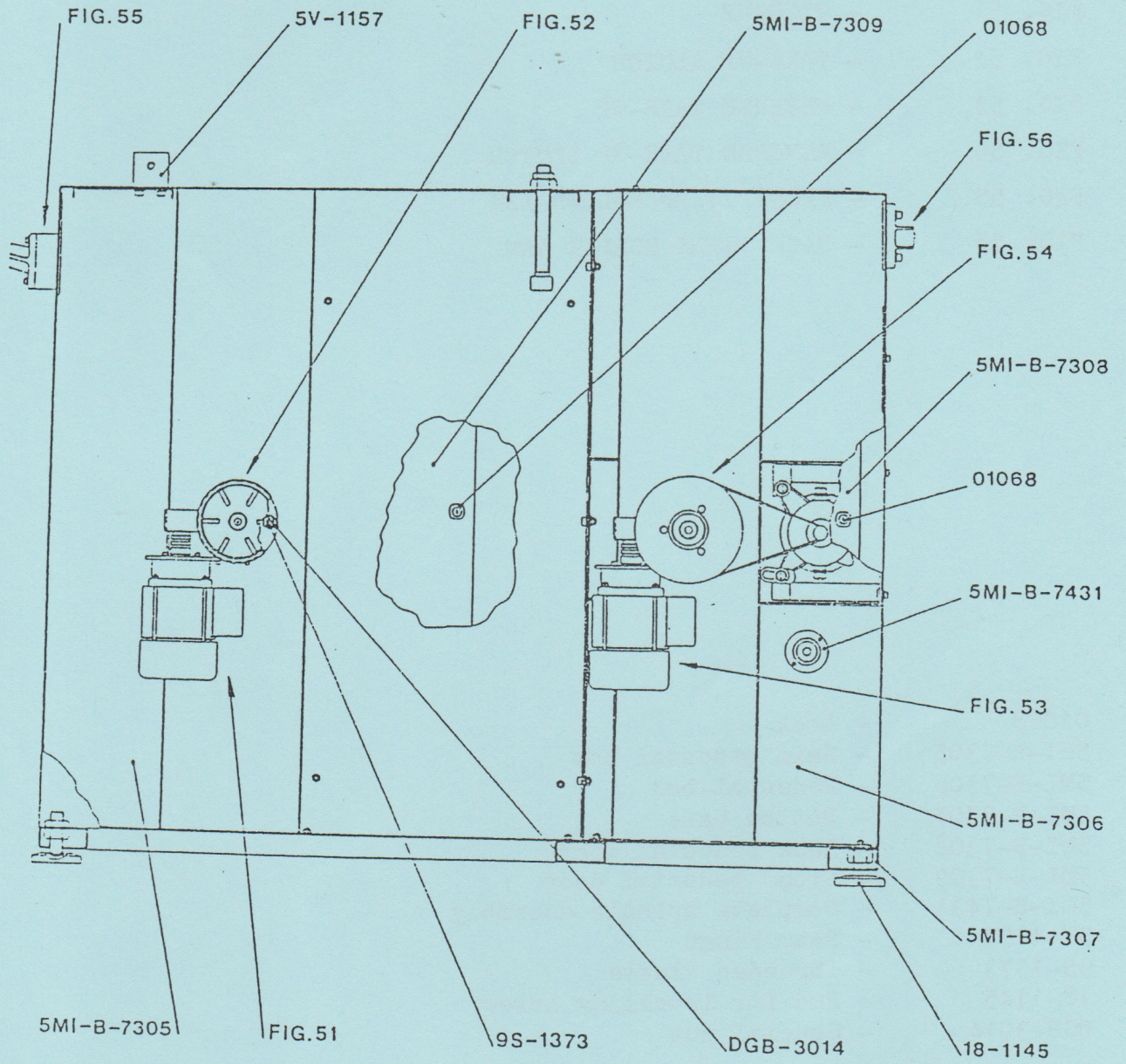


FIG. 34

VICTORIA 5MI/B-4000

- FIG. 51 - TAKE-UP
- FIG. 52 - TAKE-UP CLUTCH
- FIG. 53 - REVERSE TAKE-UP
- FIG. 54 - REVERSE TAKE-UP CLUTCH
- FIG. 55 - FRONT GUIDE ROLLER ARM
- FIG. 56 - BACK GUIDE ROLLER ARM

- 01068 - Lock
- 5MI-B-7305 - Main pedestal box
- 5MI-B-7306 - Pedestal box
- 5MI-B-7307 - Bottom base
- 5MI-B-7308 - Back pedestal door
- 5MI-B-7309 - Front pedestal door
- 5MI-B-7431 - Complete spindle assembly
- 5V-1157 - Beam hinge
- 9S-1373 - Threaded sleeve
- 18-1145 - Pod for levelling screw
- DGB-3014 - Special nut



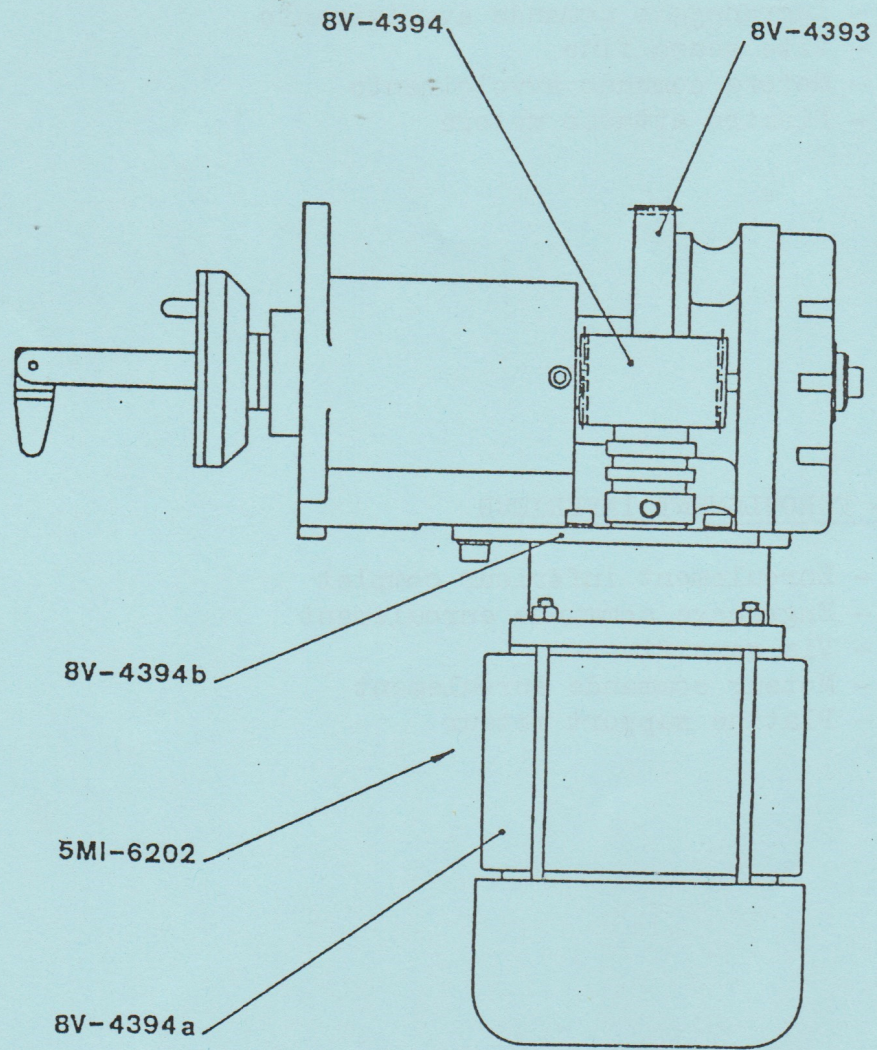


FIG. 51

FIG. 51 - AVVOLGIMENTO INFERIORE

- 5MI-6202 - Avvolgimento inferiore completo
- 8V-4393 - Ingranaggio comando avvolgimento
- 8V-4394 - Vite senza fine
- 8V-4394a - Motore comando avvolgimento
- 8V-4394b - Piastra attacco motore

FIG. 51 - ENROULEMENT INFERIEUR

- 5MI-6202 - Enroulement inférieur complet
- 8V-4393 - Engrenage commande enroulement
- 8V-4394 - Vis sans fin
- 8V-4394a - Moteur commande enroulement
- 8V-4394b - Platine support moteur

FIG. 51 - TAKE-UP

- 5MI-6202 - Take-up assembly
- 8V-4393 - Take-up gear
- 8V-4394 - Worm
- 8V-4394a - Take-up motor
- 8V-4394b - Motor mounting plate

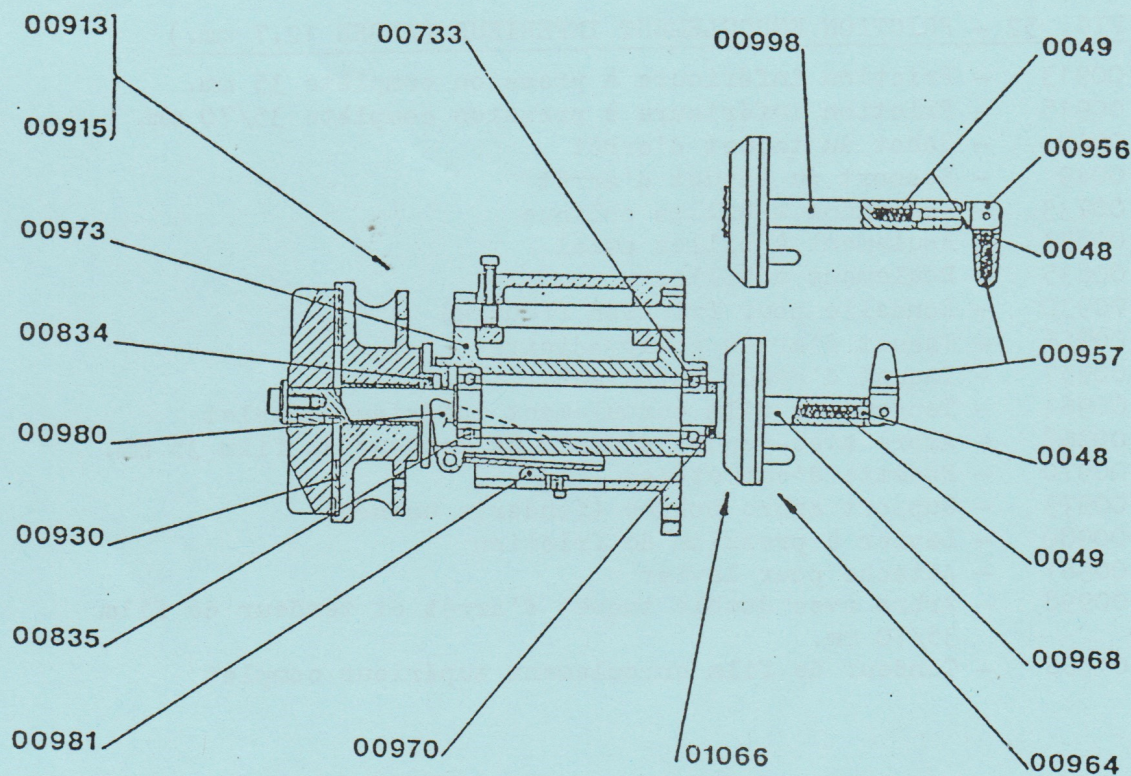


FIG. 52

FIG. 52 - FRIZIONE AVVOLGIMENTO INFERIORE (ALBERO \varnothing 12.7)

- 00913 - Frizione a pressione inferiore completa 35 mm.
- 00915 - Frizione a pressione inferiore completa 35/70 mm.
- 0048 - Grano per scatto
- 0049 - Molla per snodo
- 00733 - Cuscinetto obliquo
- 00834 - Cuscinetto reggispinta
- 00835 - Cuscinetto
- 00930 - Ranella frizione (feltro)
- 00956 - Snodo intermedio
- 00957 - Snodo anteriore
- 00964 - Tendifilm avvolgimento inferiore completo
- 00968 - Albero con snodo e mandabobina 35 mm.
- 00970 - Rosetta distanziale
- 00973 - Supporto albero bobina (fus. lav.)
- 00980 - Leva pressione frizione (fus. lav.)
- 00981 - Appoggio leva
- 00998 - Albero con doppio snodo e mandabobina 35/70 mm.
- 01066 - Tendifilm avvolgimento superiore completo

FIG. 52 - FRICTION ENROULEMENT INFÉRIEUR (ARBRE 12.7 mm.)

- 00913 - Friction inférieure à pression complète 35 mm.
- 00915 - Friction inférieure à pression complète 35/70 mm.
- 0048 - Sabot du taquet d'arrêt
- 0049 - Ressort du taquet d'arrêt
- 00733 - Roulement à billes oblique
- 00834 - Roulement à billes axial
- 00835 - Roulement à billes
- 00930 - Rondelle pour friction (feutre)
- 00956 - Taquet d'arrêt intermédiaire
- 00957 - Taquet d'arrêt antérieur
- 00964 - Tendeur de film enroulement inférieur complet
- 00968 - Arbre avec taquet d'arrêt et tendeur de film 35 mm.
- 00970 - Rosette d'entretoise
- 00973 - Support arbre bobine (fonderie usinée)
- 00980 - Levier à pression de friction
- 00981 - Attache pour levier
- 00998 - Arbre avec double taquet d'arrêt et tendeur de film 35/70 mm.
- 01066 - Tendeur de film enroulement supérieur complet

FIG. 52 - TAKE-UP CLUTCH (12.7mm dia. SPINDLE)

- 00913 - Lower weight compensated take-up 35mm
- 00915 - Lower weight compensated take-up 35/70mm
- 0048 - Spool latch locking pin
- 0049 - Spring for spool latch
- 00733 - Oblique ball bearing
- 00834 - Axial ball bearing
- 00835 - Ball bearing
- 00930 - Clutch felt washer
- 00956 - Intermediate spool latch
- 00957 - Front spool latch
- 00964 - Lower loop absorber assembly
- 00968 - Spindle with spool latch and loop absorber
- 00970 - Spacer washer
- 00973 - Spool spindle support (machined casting)
- 00980 - Clutch pressure lever
- 00981 - Lever thrust block
- 00998 - Spindle double spool latch and loop absorber for 35/70mm
- 01066 - Upper loop absorber assembly

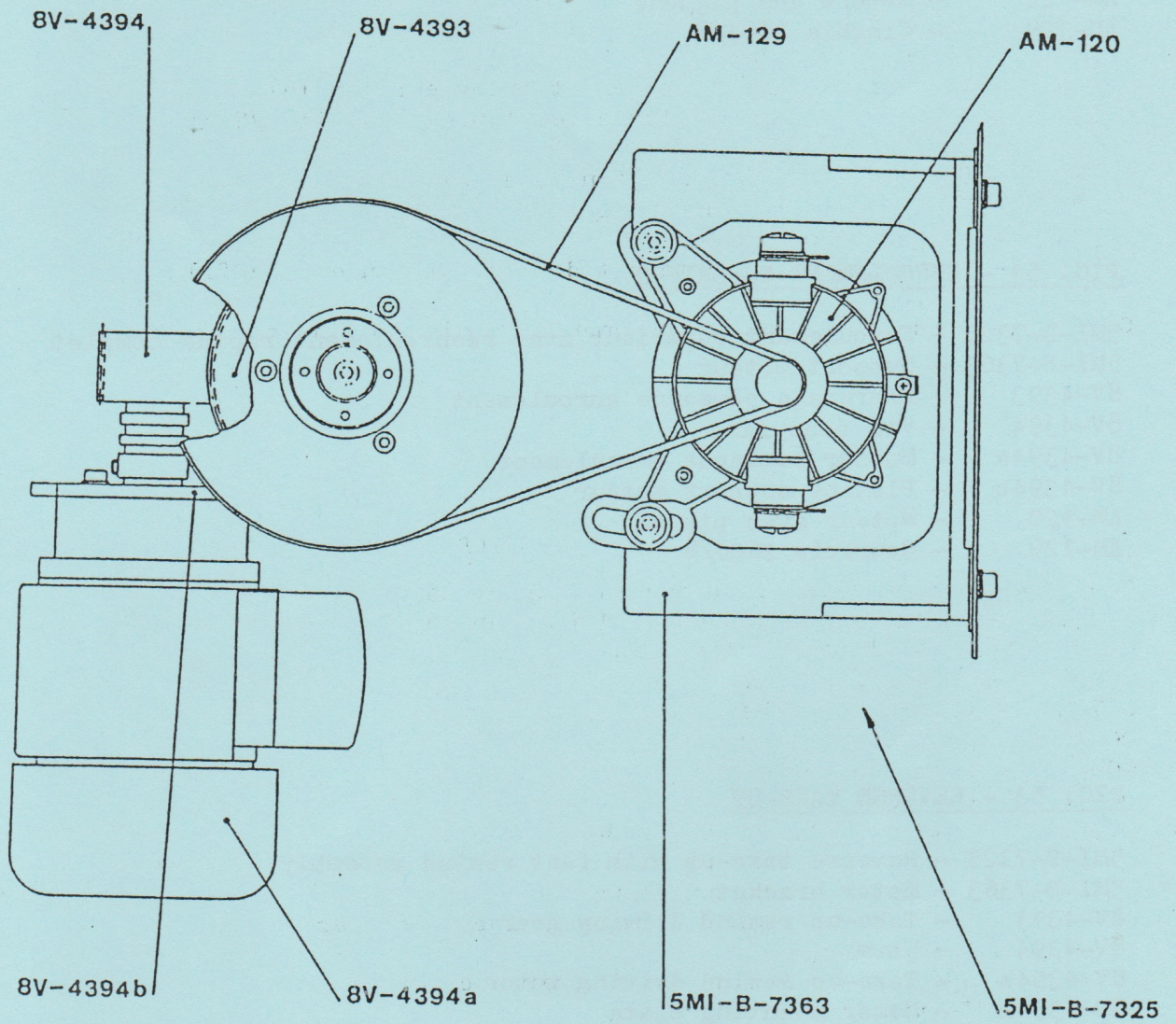


FIG. 53

FIG. 53 - AVVOLGIMENTO SUPERIORE

- 5MI-B-7325 - Avvolgimento superiore con riavvolg. veloce completo
- 5MI-B-7363 - Supporto motore
- 8V-4393 - Ingranaggio comando avvolgimento
- 8V-4394 - Vite senza fine
- 8V-4394a - Motore comando avvolgimento
- 8V-4394b - Piastra attacco motore
- AM-120 - Motore con pignone
- AM-129 - Cinghia 260J/8

FIG. 53 - ENROULEMENT SUPERIEUR

- 5MI-B-7325 - Enroulement supérieur avec réenroulement rapide complet
- 5MI-B-7363 - Support moteur
- 8V-4393 - Engrenage commande enroulement
- 8V-4394 - Vis sans fin.
- 8V-4394a - Moteur commande enroulement
- 8V-4394b - Platine support moteur
- AM-120 - Moteur avec pignon
- AM-129 - Courroie 260J/8

FIG. 53 - REVERSE TAKE-UP

- 5MI-B-7325 - Reverse take-up with fast rewind assembly
- 5MI-B-7363 - Motor bracket
- 8V-4393 - Take-up rewind driving gear
- 8V-4394 - Worm
- 8V-4394a - Take-up rewind driving motor
- 8V-4394b - Motor mounting plate
- AM-120 - Motor with pinion
- AM-129 - Belt 260J/8

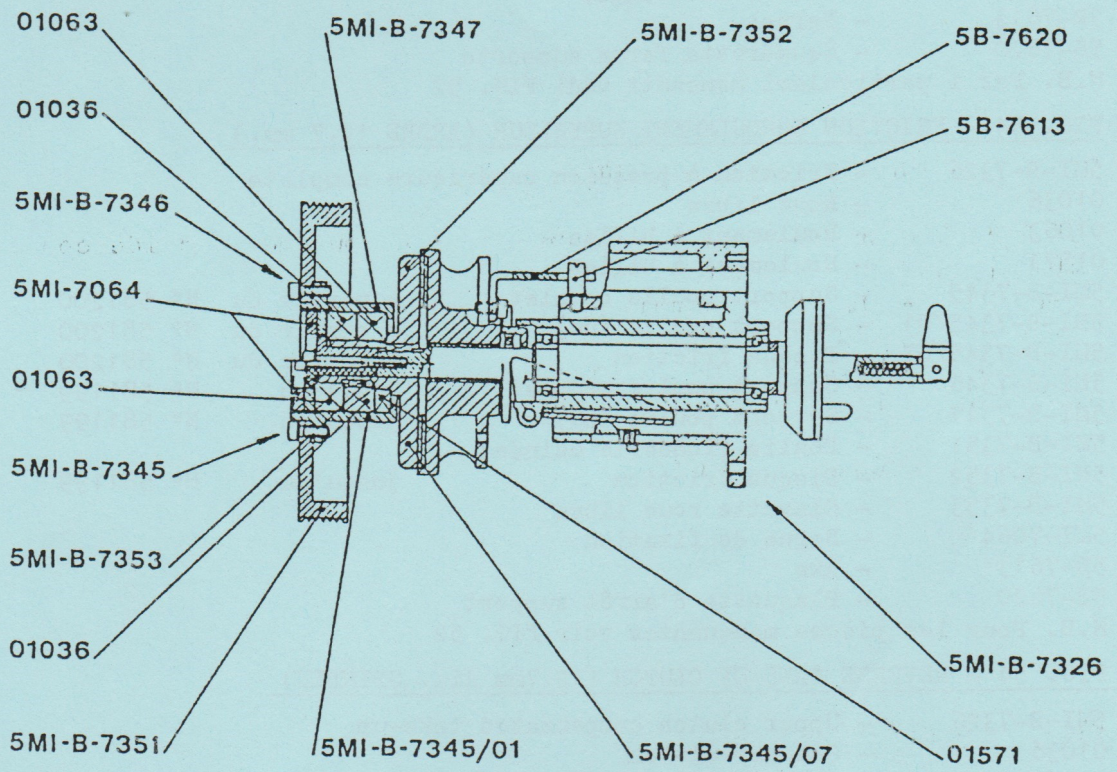


FIG. 54

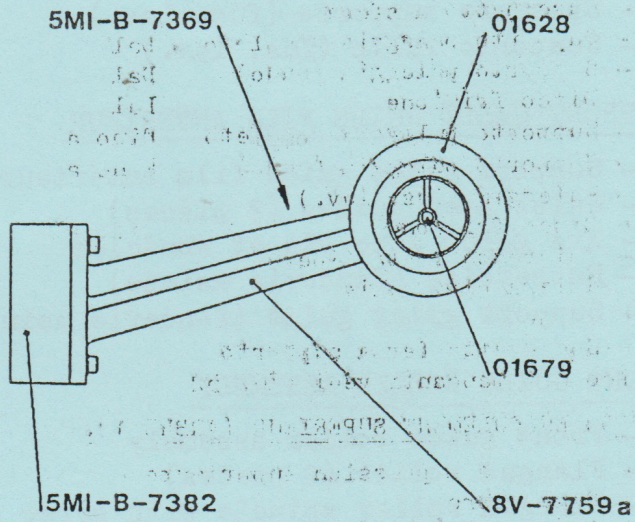


FIG. 55

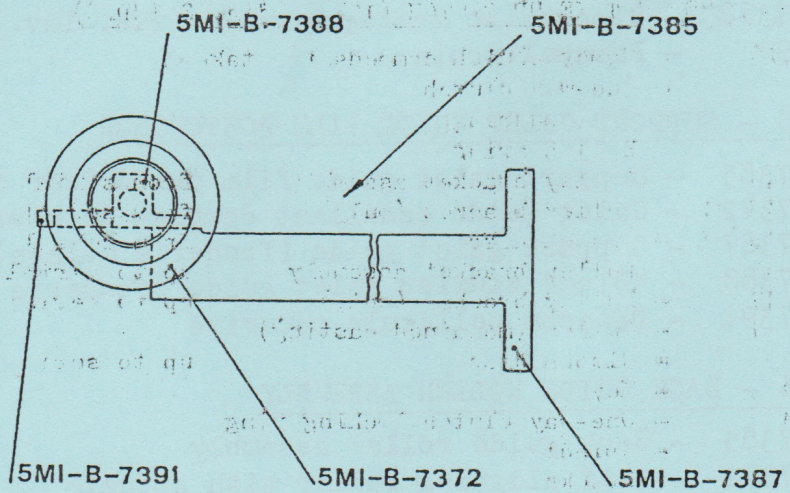


FIG. 56

FIG. 55 - SUPPORTO RULLO GUIDA FILM ANTERIORE

- 5MI-B-7369 - Supporto rullo guida film anteriore completo
 01628 - Rullo con guide (2 pezzi)
 01679 - Perno per rullo con guide con vite e ranella
 5MI-B-7382 - Spessore supporto (fus. lav.)
 8V-7759a - Supporto rullo (fus. lav.)

FIG. 55 - SUPPORT GALET GUIDE FILM ANTERIEUR

- 5MI-B-7369 - Support galet guide film antérieur complet
 01628 - Galet avec guides (2 pièces)
 01679 - Axe galet avec vis et rondelle
 5MI-B-7382 - Entretoise (fonderie usinée)
 8V-7759a - Support galet guide (fonderie usinée)

FIG. 55 - FRONT GUIDE ROLLER ASSEMBLY

- 5MI-B-7369 - Front guide roller assembly
 01628 - Flanged roller (2 pieces)
 01679 - Flanged roller spindle with screw and washer
 5MI-B-7382 - Arm spacer (machined casting)
 8V-7759a - Arm (machined casting)

FIG. 56 - SUPPORTO RULLO GUIDA FILM POSTERIORE

- 5MI-B-7385 - Supporto rullo guida film posteriore completo
 5MI-B-7372 - Rullo oscillante completo di perno
 5MI-B-7387 - Supporto rullo (fus. lav.)
 5MI-B-7388 - Blocchetto sostegno rullo (fus. lav.)
 5MI-7391 - Parapellucola

FIG. 56 - SUPPORT GALET GUIDE FILM POSTERIEUR

- 5MI-B-7385 - Support galet guide film postérieur complet
 5MI-B-7372 - Galet guide oscillant complet de pivot
 5MI-B-7387 - Support galet guide (fonderie usinée)
 5MI-B-7388 - "Bloc" soutien galet guide (fonderie usinée)
 5MI-B-7391 - Détache pellicule sécurité

FIG. 56 - BACK GUIDE ROLLER ASSEMBLY

- 5MI-B-7385 - Back guide roller assembly
 5MI-B-7372 - Self aligning roller with spindle
 5MI-B-7387 - Arm (machined casting)
 5MI-B-7388 - Mounting block (machined casting)
 5MI-B-7391 - Film Stripper

