

Listino

VICTORIA 8

Pezzi di ricambio
Pièces de rechange
Spare parts catalogue

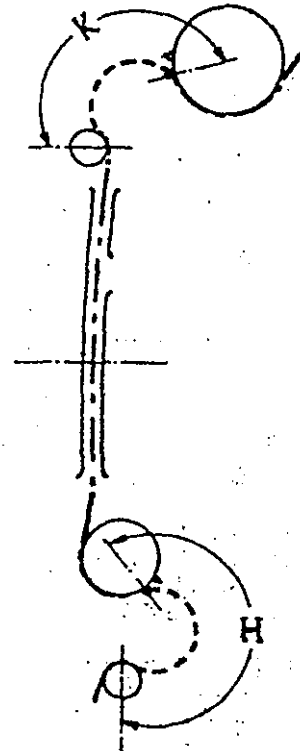
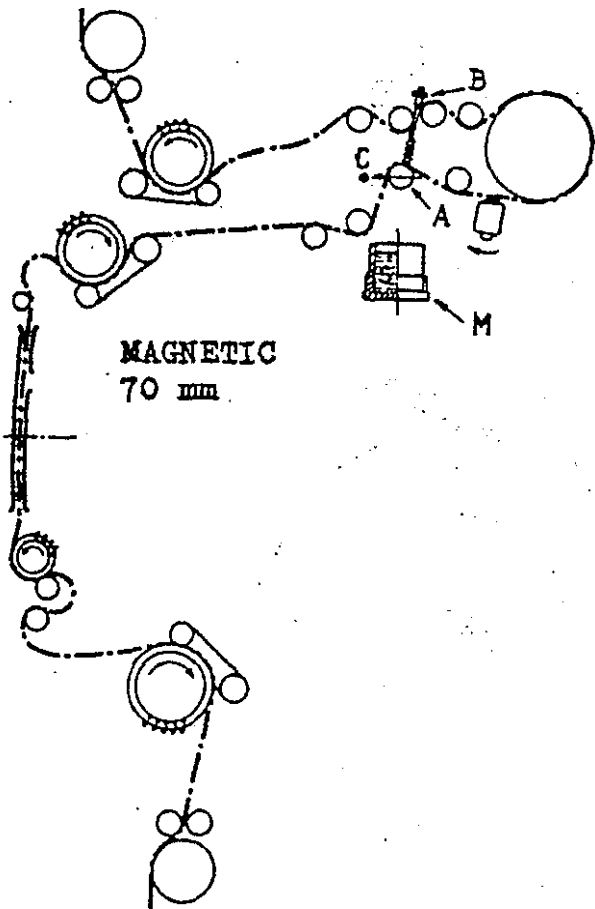
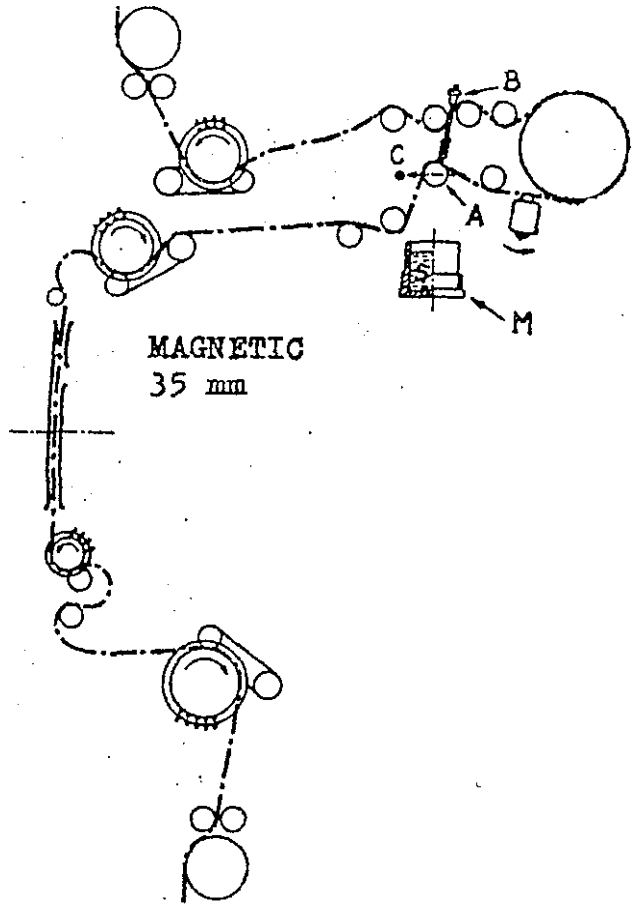
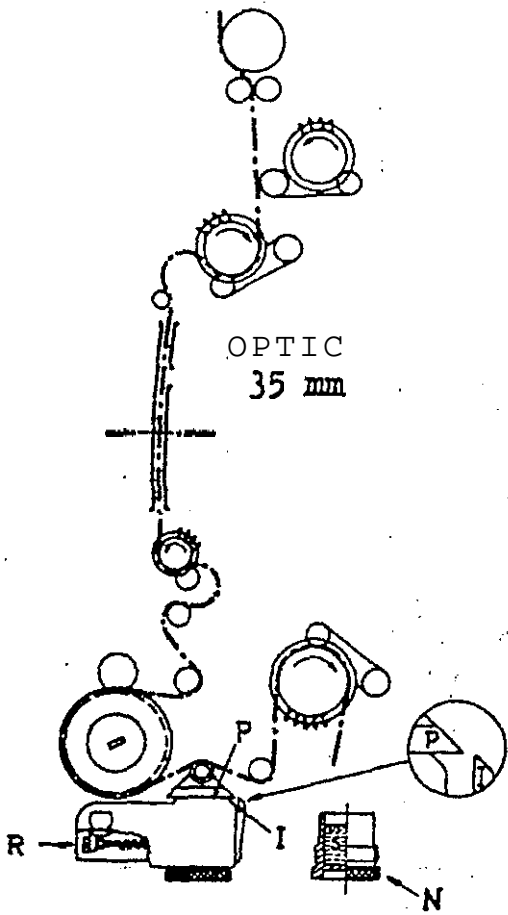


FIG. 23

ADJUSTMENTS

Adjustments to be carried out are the same both for 35mm and 70mm projections.

Pads Pressure (Fig. 16)

All pressure applied to the film should be kept to an absolute minimum and, should, not exceed that necessary to keep a steady picture.

For 35mm Film

On the 35mm gate, screw (16D) adjusts the pressure of the four gate runners onto the film. Turning this screw c.w. will increase pressure. The engraved numbers are only used as references.

For 70mm Film

The 70mm gate knurled nuts (16G-H) adjust the spring tension applied to the pressure pads.

The top knurled nut (16G) adjusts the runners controlling the film entering the gate.

Optical and Magnetic Damper (Fig. 23)

Whilst running projector check loops are as for Diagrams shown (Fig. 23).

Optical

Rotate screw (22R) until the lower edge of the damper cone (23P) is in line with the top of the gauge (23 I).

Magnetic

Adjust the control knob (23B) until the axis of the roller (23A) is in line with the red spot (23C).

Sound Synchronization

35mm Optical Film

The synchronization distance between picture and sound is 20 frames. Sound preceding picture.

35mm Magnetic Film

The picture to sound synchronization distance is 28 frames. Sound following picture.

70mm Film

The picture to sound synchronization distance is 24 frames. Sound following picture.

The sound, synchronization roller. (10F) on the magnetic sound head permits the synchronization distance to be adjusted. Loosening the screw the roller arm assembly can be rotated to shorten or lengthen the film path. The film can be laced also as marked on the soundhead cover to secure standard synchronization.

Pressure rollers on optical and magnetic soundheads

Check whether the film travels between the flanges of the sound drum. The pressure lay-on roller is on an articulated mount which allows it to be self-aligning to the face of the drum. Make sure that the pressure exerted does not bias the film towards either of the flanges on the sound drum.

Optical Soundhead

Release screw (7D) of the control knob (7E), rotate the knob in the required direction bearing in mind that when turned anti—clockwise tension will increase.

Magnetic Soundhead

Release screw (10H) of control knob (10L), rotate the knob in the required direction bearing in mind that when turned anti—clockwise tension will increase.

Roller Arm Assemblies

Make sure that a film joint can pass round the sprocket freely. To adjust the position of the rollers in relation to the sprockets release the lock nut (7P) and rotate screw (7Q) in the required direction locking screw again after completing adjustment.

Intermittent sprocket roller arm assembly

To adjust this assembly, release screw (15F) and rotate the control knob (15G) in the required direction. Rotation anti-clockwise will increase the tension.

To adjust clearance between the rollers and the sprocket, release lock nut (15 I) and rotate screw (15 Y) in the required direction, re-locking the screw upon completion of the adjustment.

Optical soundhead Objective Lens (Fig.22)

The line (22H) should be in line with the centre of the oval hole of the soundhead bracket. Lock with screw (22 L). To adjust the light beam use a constant frequency test loop (Example an A9Kc SMPTE track).

To focus rotate the knurled mount (22 F) secured with screw (22G).

To carry out the horizontal adjustment of the slit rotate the objective lens assembly with special key locating in the slot (22E), until maximum signal level is obtained, then lock screw (22L).

For correct centering use a film loop of ABZT (Buzz track) and adjust using knurled screw (22C).

To adjust the scanning of the soundtrack rotate the knurled nut (22N) and lock by screw (22M)

Top Clutch

The top clutch must be adjusted so that a spool will not over—run. Should the film, in passing over the top sprocket, make a noise, this indicates that the clutch is too tight and could ultimately lead to damage the perforations. Adjustment of the clutch may be carried out by turning the control knob (9B), rotation clockwise will increase the tension applied to the clutch assembly.

Bottom Clutch

Should the take - up be noisy in operation, this indicates that the tension on the bottom clutch is excessive and film perforation damage could be caused. However, the take - up clutch tension must not be too slack. The clutch can be adjusted as required, rotating the control knob (9E). Tension on the clutch is increased by rotating this knob in a clockwise direction.

PROJECTOR RUNNING CHECKS

It is essential that the people responsible for carrying out the installation make quite sure that the projectionist is completely informed about all the various controls and adjustments which are necessary to keep the equipment operating in an efficient manner. In this respect we are setting out herewith a summary of special points requiring attention.

Film Threading

Take care not to lace an optical film on a magnetic soundhead or alternatively a magnetic film through the optical soundhead.

35mm. Optical Film

Lace the film "35mm. OPTIC" (as shown in Fig. 23)

35mm. Magnetic Film

Lace the film "35mm. MAGNETIC" (as shown in Fig.23)

70mm. Magnetic Film

Thread the film "70mm. MAGNETIC" (as shown in Fig.23).

Mount the spool in the top spool box and fold the shaft hinged tip.

Pull out the leader and thread this through the top firetrap assembly (7C). Proceed with the lacing of the film through the projector opening and shutting the roller arm assemblies as they come starting from the top sprocket.

Check that the loop is the correct size between the intermediate sprocket and the gate entry.

When lacing the film through the magnetic soundhead, the film must not be put under tension by depressing the damper roller

(23A)

The Loop (23K) between the last tooth of the intermediate sprocket and the entrance to the gate plate must be 17 perforations long for 35mm. film and 13 perforations long for 70mm. film.

Too big a loop will cause noisy running and too small a loop may cause film damage.

The loop (23H) between the last tooth of the intermittent sprocket and the idler roller axis must be 15 perforations long for 35mm. and 11 perforations for 70mm. film.

The film must be laced through the lower firetrap (17H). Insert the bottom spool, fold the shaft hinged tip and wind the film round the hub using the slots provided or by means of adhesive tape should slots not be provided, then shut both top and bottom spool box doors.

Take up all slack between the lower sprocket and the spool and between the top spool and the top sprocket. Check that all roller assemblies are closed and, are set for either 35mm. Or 70mm. film with the same colour upwards. Rotate the projector employing the inching knob on the motor. To start projection takes the following action:

Strike the Xenon Lamp or Arc (1- 2 minutes)

Switch on the projector with the starter (6F) slowly rotating the lever and remaining in the mid—position () for at least one second whilst the projector gathers speed and before going into the run position (red point). Open the lamphouse dowsers.

Watch the film for start signal and open the safety dowsers (18C) by pushing control knob (18L) and holding for at least half a second.

In case of projectors provided with picture change—over (Fig.2O) lift the safety dowsers (18C) before the film start signal and at the signal push the control knob (2OH).

Instructions for changing from 35mm. projection to 70mm. are given on page 24.

LUBRICATION

FIG.21

Drain the oil and replace it after the first running week and the first month running. Afterwards, replace the oil every six months.

To drain the oil from the sump remove the oil plug (8H) on the end of the extension tube (8G).

Check the oil level each day through the lower sight window bearing in mind this level must be maintained at the red indicator spot with the projector running.

Check that the oil pump is working correctly through the top sight window. This window should be completely filled with oil with projector running.

Every six months, when changing oil, clean the oil filter and the magnetic filter of the top sight window.

For this purpose, remove the knurled cap (21B) using the special spanner supplied (21A). Remove the magnet and clean it. Remove the gauze filter and clean with petrol (gauze only). When reassembling take care not to damage the sealing gaskets.

Once a month, place a few drops of oil into the holes (marked red) for the top clutch bearing (9R) and the bottom take-up (9Q), in the optical soundhead lubrication oil cap (18D) and on the lens mount control screws, on the large 70mm. firetrap roller, the projector motor (8A), and the blower motor (8V), on the gate assembly guide rods (15V).

MAINTENANCE

After projecting one film spool

Thoroughly clean the pressure pads and the gate plate.

Daily Attention

With the projector mechanism stationary, clean the sprocket teeth, taking care not to damage the teeth. A medium stiff tooth-brush is ideal for this purpose. Clean the magnetic soundhead.

Check that all rollers rotate freely and are free from deposit on the film contact surfaces.

Should it prove necessary to remove rollers for the purpose of cleaning spindles and the bore of the rollers, remove, clean and replace one roller at a time. Clean both the sound-drums on the magnetic and optical soundheads.

Once a week

Clean the entire projector and the spool boxes with a soft clean cloth.

Remove and clean the two firetrap rollers retained with screws.

When reassembling, replace the stop plate (7C-H) back in the correct position.

Clean the air blower filter.

Once a month

Check drive and take-up belt tension, readjust if these have stretched.

Clean safety dowser (18C) to maintain reflective surface in good condition.

DEFECTS - CAUSES

Projector motor does not start

- Master switch open
- Safety devices open
- Motor starter contacts are dirty or defective
- Starter fuses blown or resistors burnt out

Film breakage or damage

- Upper clutch to be adjusted
- Bottom clutch to be adjusted
- Entrance and output gate loops too short
- Incorrect film threading
- Locked rollers and roller arm assemblies without clearance
- Defective or incorrectly aligned film sprockets
- Unsuitable spool hub

Lack of sound synchronization

- Incorrect film threading
- Film lacing on the magnetic soundhead to be adjusted with the 2 roller arm assemblies

Sound flutter

- Varying film speed
- Oil dampers out of adjustment or lacking oil
- Soundhead flywheel does not turn regularly
- Pressure pads to be checked
- Optical soundhead objective lens to be cleaned

Noisy film operation

- Gate entry and lower loop to be corrected
- Gate pressure plates to be adjusted or to be cleaned

Noisy projector operation

- Lubrication to be checked
- Slack screws on the covers
- Belt misaligned

Safety device does not close

- Lamphouse dowsers left open
- Pieces of film have jammed the lever

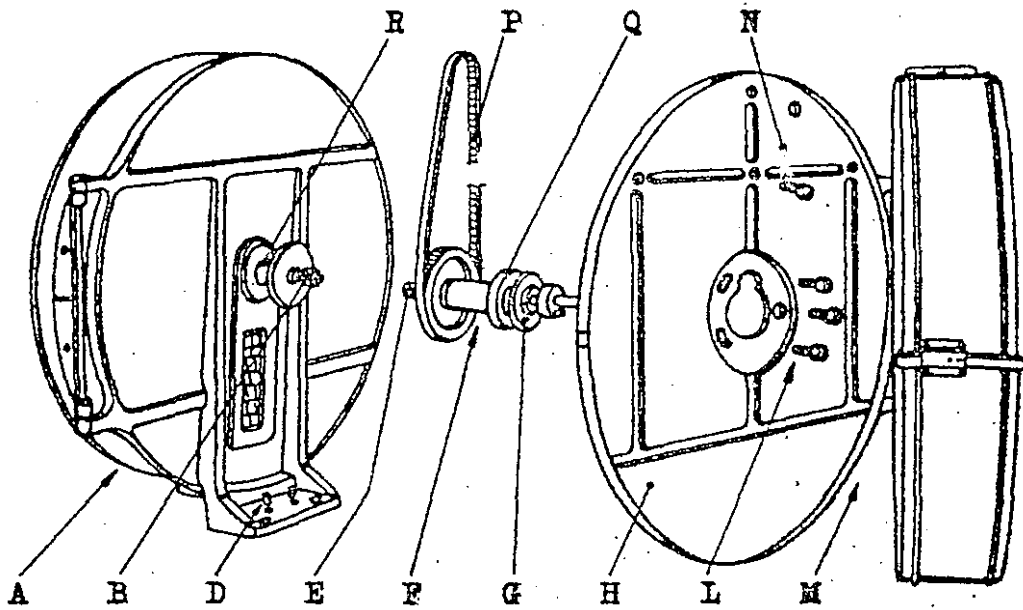


FIG. 9

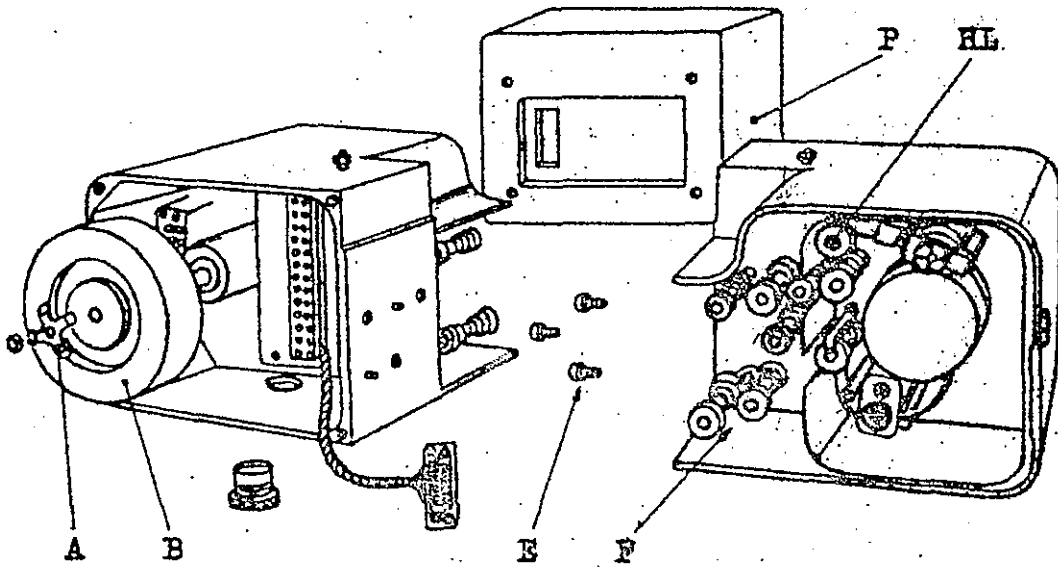


FIG. 10

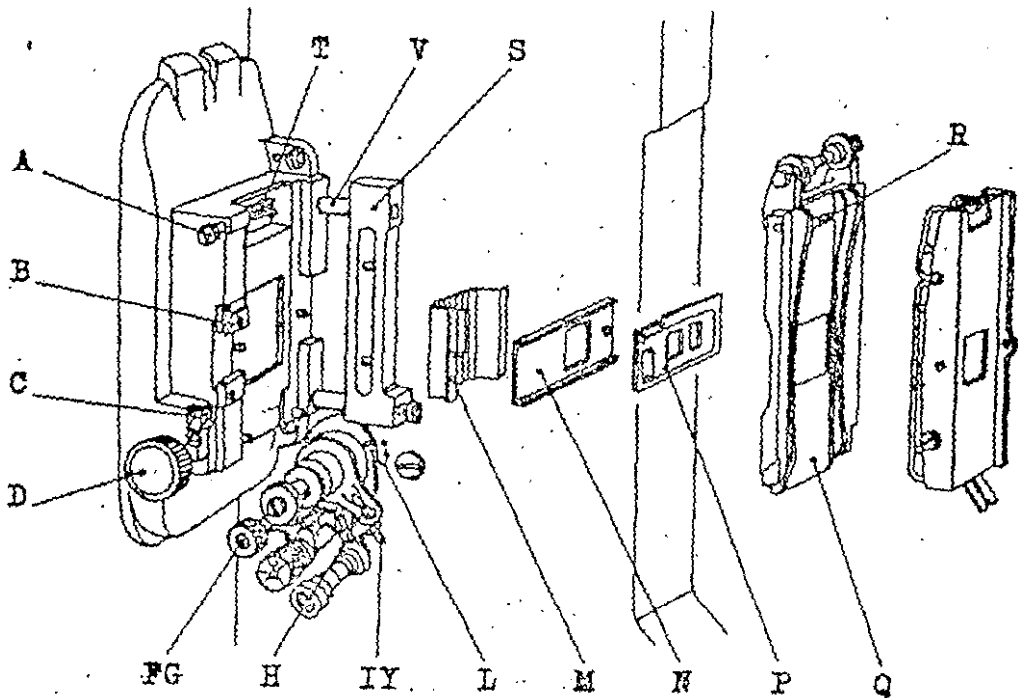


FIG. 15

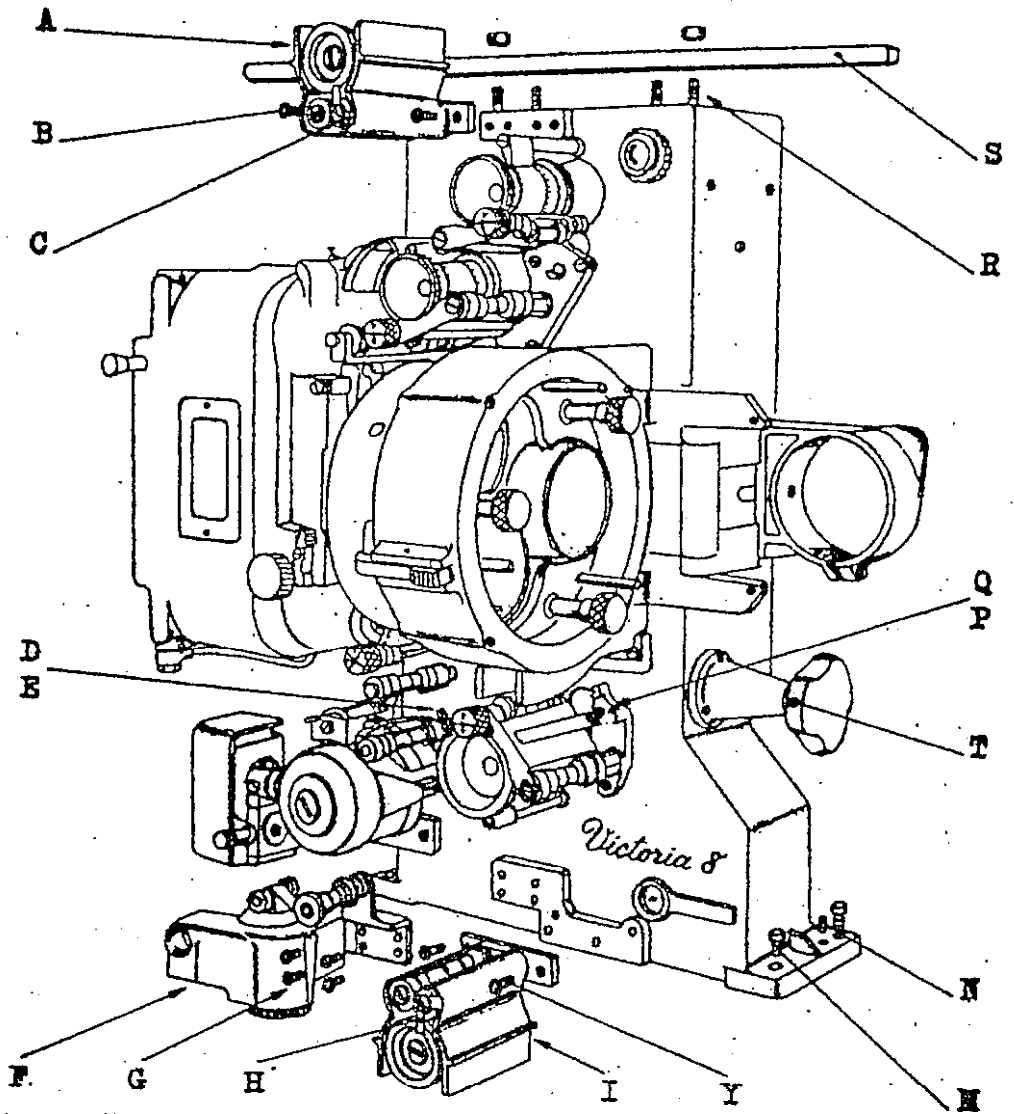


FIG. 7

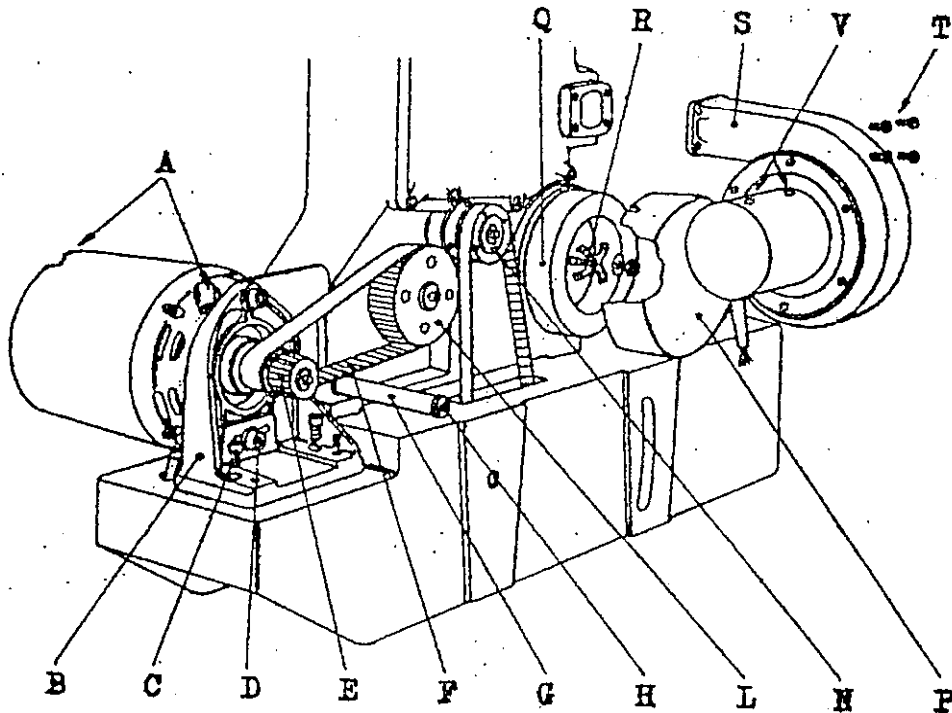


FIG. 8

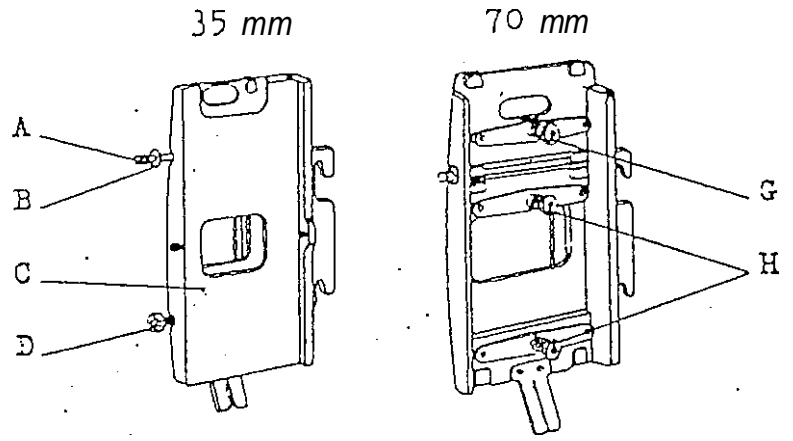


FIG. 16

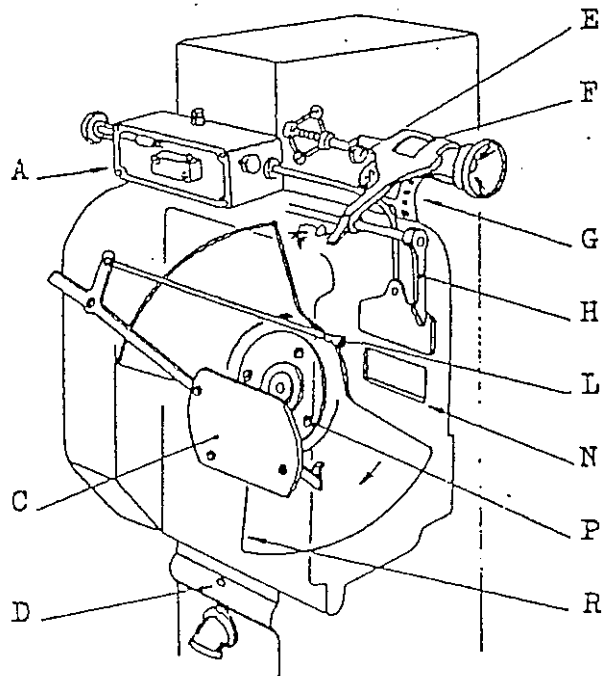


FIG. 18

n° 1

n° 2

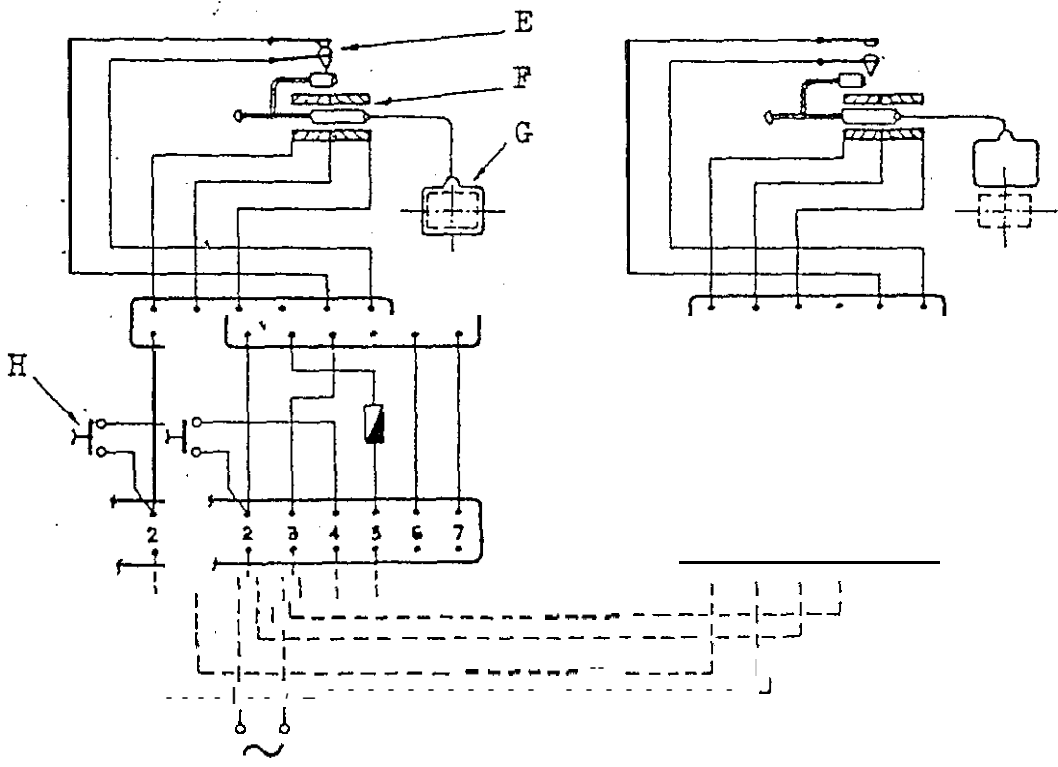


FIG. 20

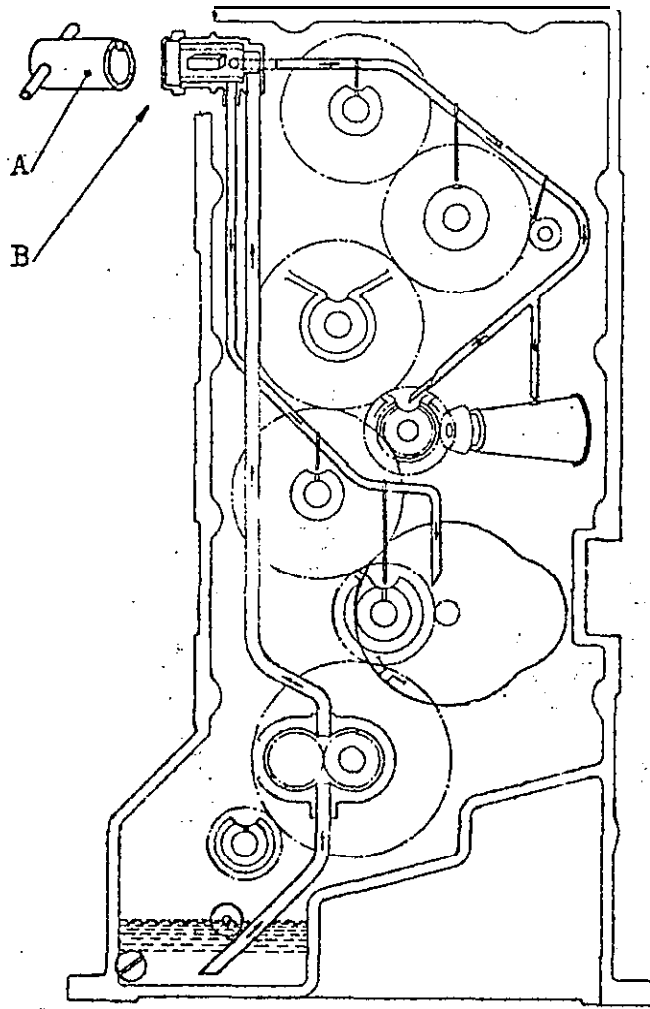


FIG. 21

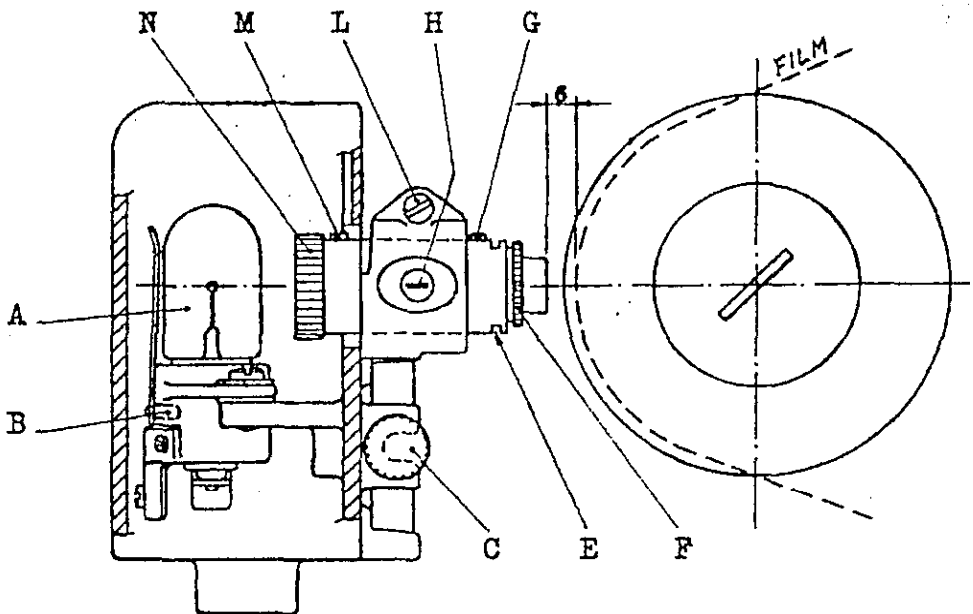
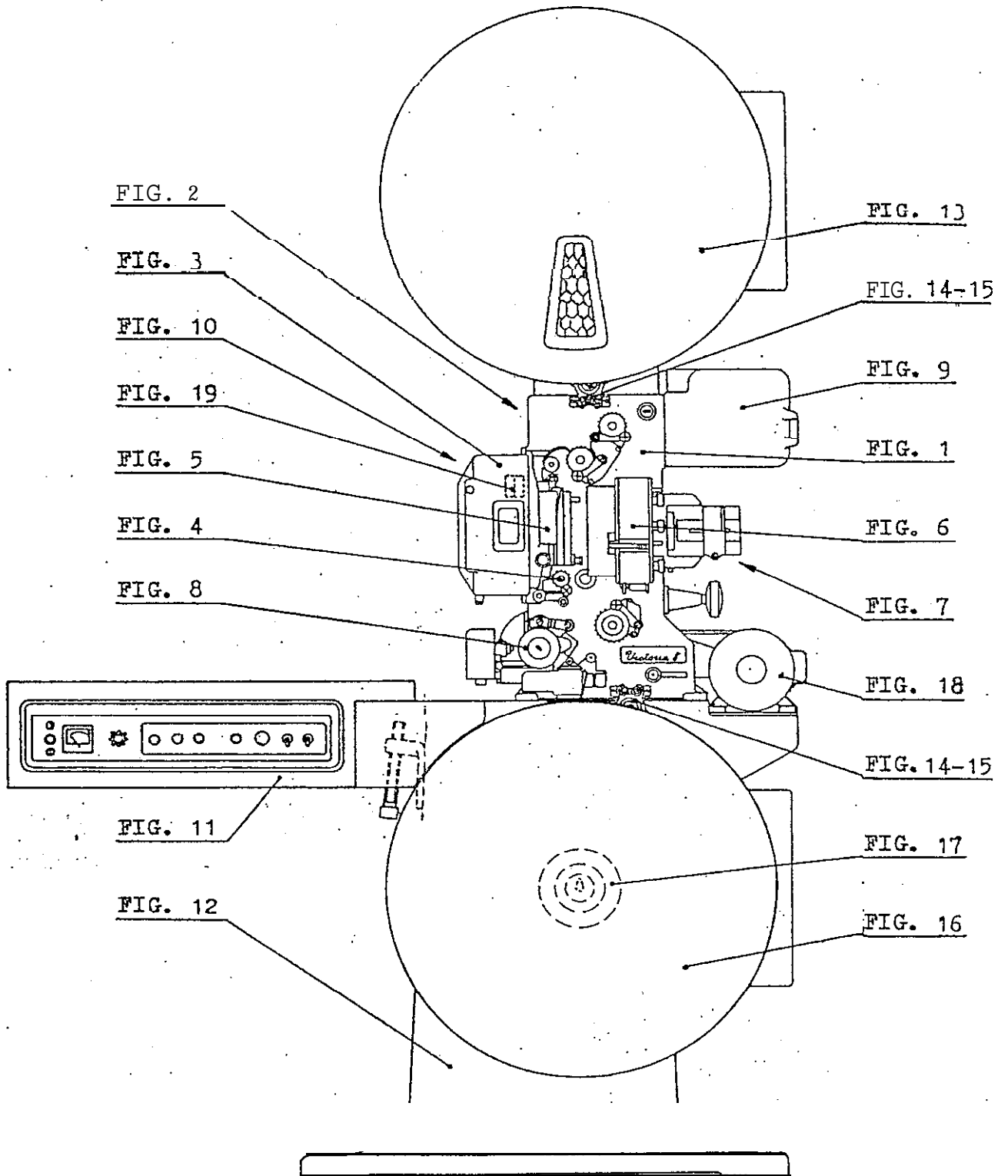


FIG. 22



VICTORIA 8

- FIG. 1 PROJECTOR (operating side)
- FIG. 2 PROJECTOR MECHANISM
- FIG. 3 DRUM SHUTTER AND SHUTTER HOUSING
- FIG. 4 INTERMITTENT UNIT
- FIG. 5 GATE BRACKET MID GATE FRAME
- FIG. 6 LENS TURRET (3 lenses)
- FIG. 7 5" SINGLE LENS HOLDER
- FIG. 8 OPTICAL SOUNDHEAD
- FIG. 9 MAGNETIC SOUNDHEAD
- FIG. 10 AIR COOLING UNIT
- FIG. 11 ARCBEAM
- FIG. 12 STAND COLUMN
- FIG. 13 TOP SPOOL BOX
- FIG. 14 TOP AND BOTTOM FIRETRAPS (up to serial N° 84500)
- FIG. 15 TOP AND BOTTOM FIRETRAPS (from serial N° 84501)
- FIG. 16 LOWER SPOOL BOX
- FIG. 17 TAKE-UP
- FIG. 18 MOTOR
- FIG. 19 PICTURE CHANGE OVER MECHANISM

FOR VICTORIA 8 - 70/35: see page 35 and following

The mark 0 indicates 35mm.parts only.

The mark 00 indicates 35/70mm parts only.

The letter Z indicates a gear, figures show number of teeth.

PLEASE ALWAYS, WHEN ORDERING SPARES, QUOTE THE SERIAL
NUMBER OF THE PROJECTOR

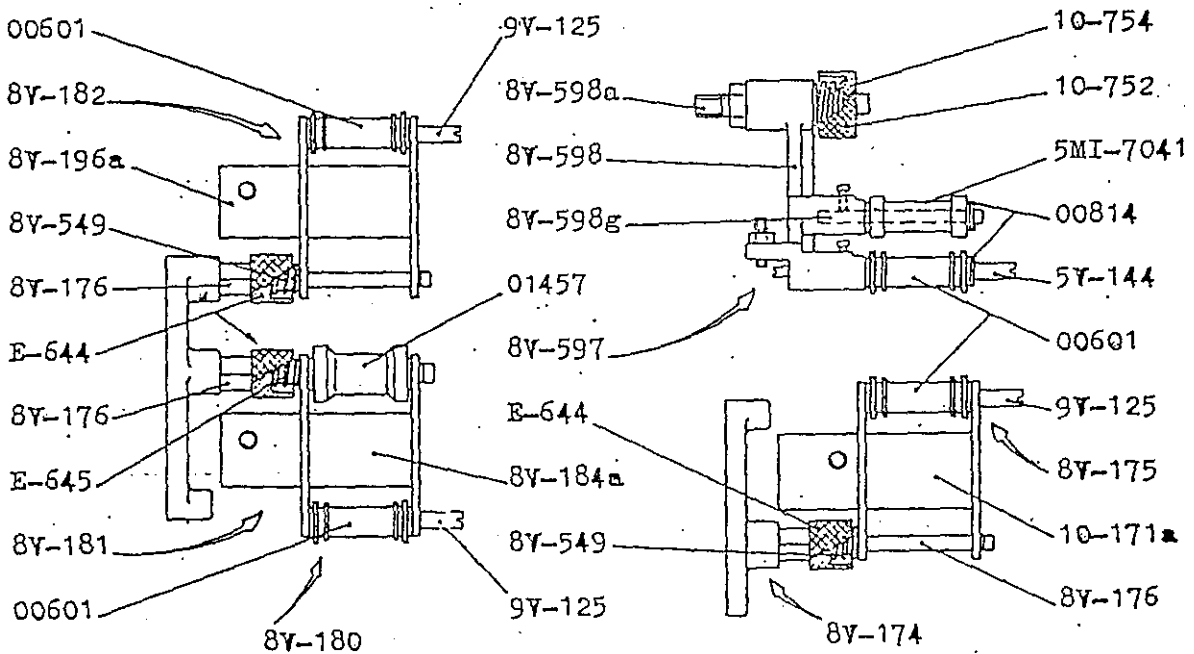
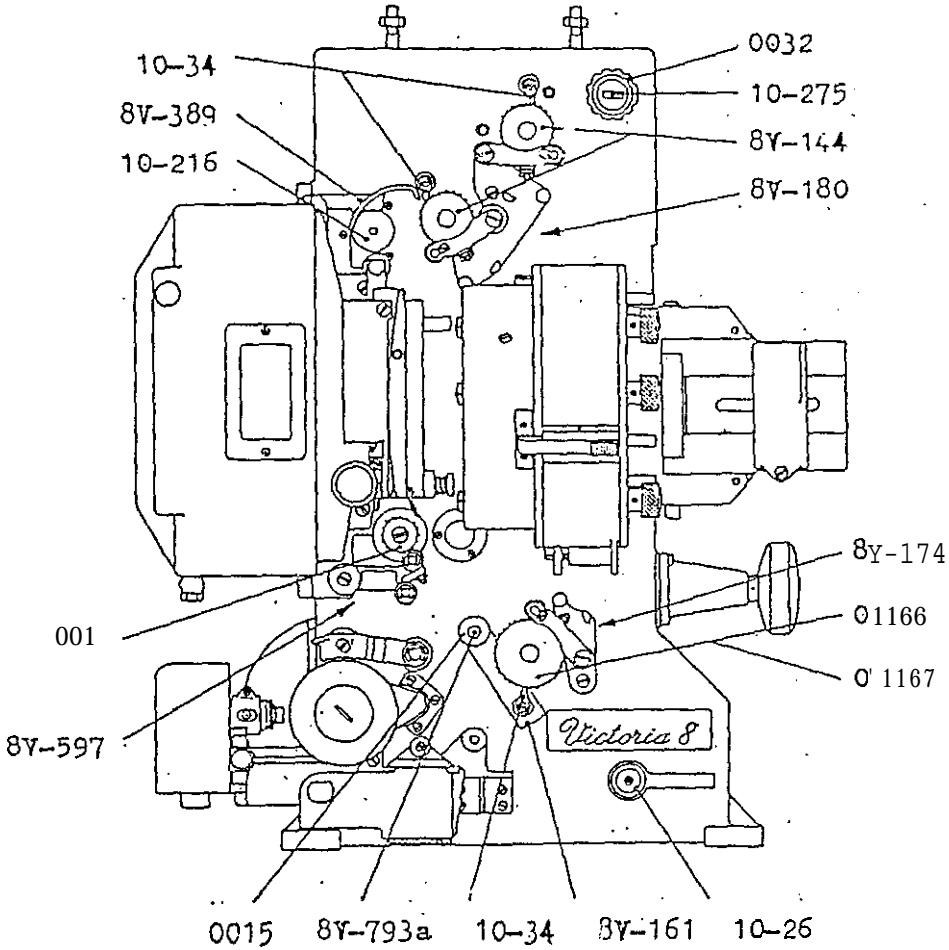


FIG. 1

FIG.1 - PROJECTOR (operating side)

001	16 tooth intermittent sprocket
0015	Flanged roller
0032	Upper oil sight window with bezel
00601	Grooved roller
00814	Washer
01166	32 tooth lower sprocket—Standard
01167	32 tooth lower sprocket—CinemaScope
01457	19 mm dia. roller (6 mm i.d.)
5V-144	Threaded spindle
5MI-7041	15 ~ dia. roller (6 mm i.d.)
8V-144	24 tooth intermediate and Top sprockets
8V-161	Flanged roller support
8V-174	Bottom sprocket roller arm assembly with mounting plate
8V-175	Bottom sprocket roller arm assembly
8V-176	Roller arm support spindle
8V-180	Top and intermediate sprocket roller arm assembly with mounting plate
8V-181	Intermediate sprocket roller arm assembly
8V-182	Top sprocket roller arm assembly
8V-184a	Intermediate sprocket roller arm only
8V-196a	Top sprocket roller arm only
8V-389	Mascarini safety lever
8V-549	Roller arm spring
8V-597	Intermittent sprocket roller arm assembly
8V-598	Intermittent sprocket roller arm only
8V-598a	Shaft for intermittent sprocket roller arm assembly
8V-598g	Roller spindle
8V-793a	Flanged roller.spindle
9V-125	Groved roller spindle
10-26	Lower oil sight window with bezel
10-34	Stripper and post
10-171a	Bottom sprocket roller arm only
10-216	Disc with shaft
10-275	Oil filter magnet
10-752	Spring setting bush for intermittent sprocket roller assembly
10-754	Intermittent sprocket roller arm spring
E-644	Spring adjusting bush
E-645	Roller arm spring

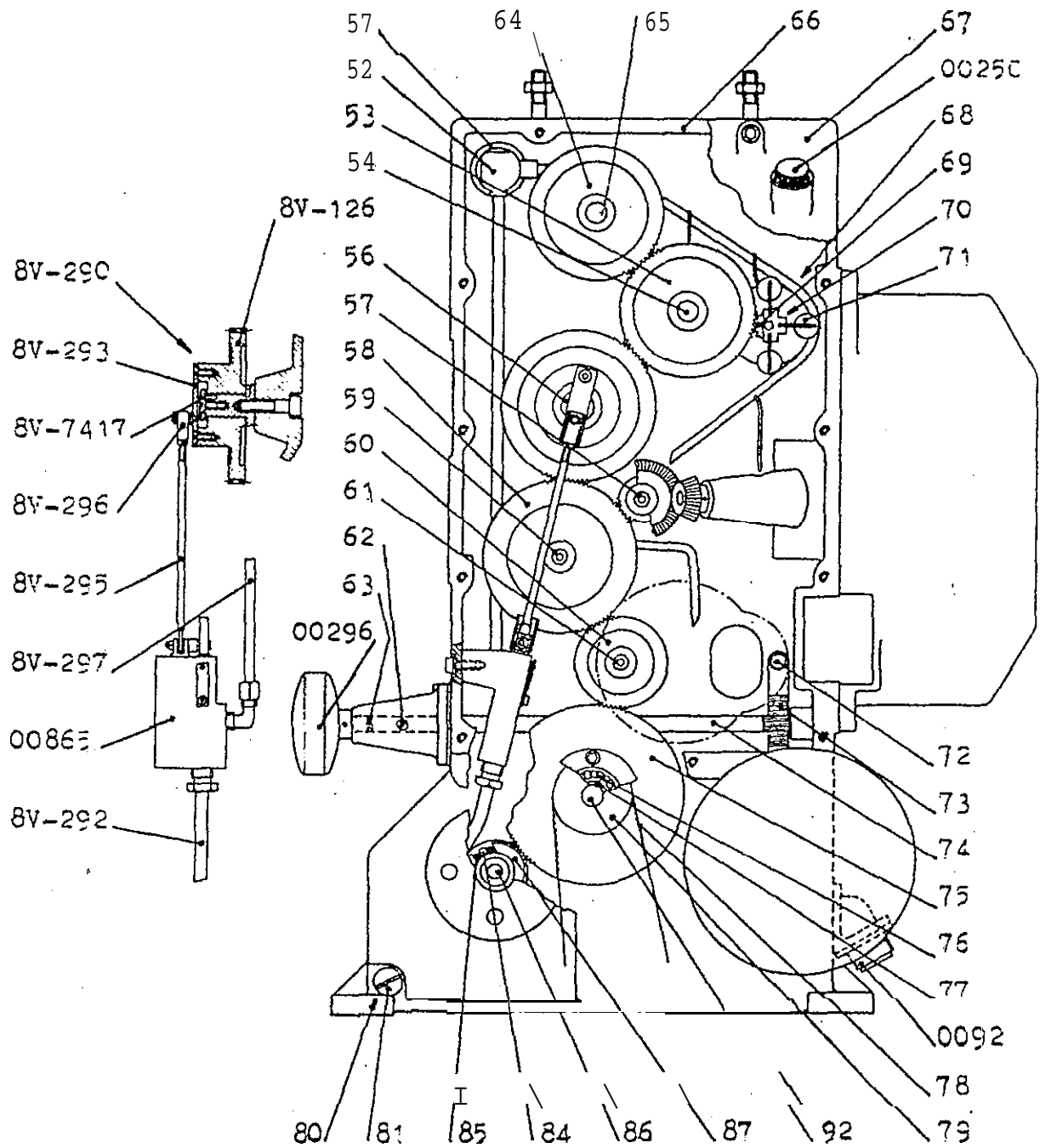


FIG. 2

FIG. 2 - PROJECTOR MECHANISM

- (from serial No.83879)

0092	P.E.cell connector
00250	Oil filler plug
00296	Masking (framing) knob
00865	Oil pump without pipes and rod
51	Oil filter body
52	Oil filter
53	Intermediate sprocket gear, Z.78
54	Intermediate sprocket shaft
56	Spindle with screw and washer for part no 8V-126 gear
57	Spindle with screw and washer for bevel gear
58	Driving gear Z.90
59	Spindle with screw and washer for part no 58 gear
60	Intermittent unit driving gear Z.54
61	Spindle with screw and washer for part no.60 gear
62	Framing shaft retaining screw
63	Framing shaft gasket
64	Top sprocket driving gear Z.78
65	Top sprocket shaft
66	Mechanism cover gasket
67	Mechanism cover
68	Governor assembly
69	Governor drive pinion, Z.17
70	Governor spring
71	Governor ball with arm
72	Masking (framing) rack securing screw
73	Masking (framing) rack
74	Masking (framing) shaft
75	Bottom sprocket driving gear, Z.104
76 -	Ball race
77	Oil seal
78	Take up drive toothed belt
79	Take up driving pinion Z.17
60	Oil draining tube with gasket
81	Oil drain plug with gasket
84	Torque assembly disc
85	Torque assembly spring
86	Mechanism driving gear shaft
87	Torque assembly gear Z.39
92	Bottom sprocket shaft
8V-126	Pump gear - 89 teeth
8V-290	Oil pump assembly
5V-292	Oil suction pipe
8V-293	Plate complete with spindle
8V-295	Pump rod
8V-296	Pump rod fastener
87-297	Oil delivery pipe
8V-7417	Gear washer

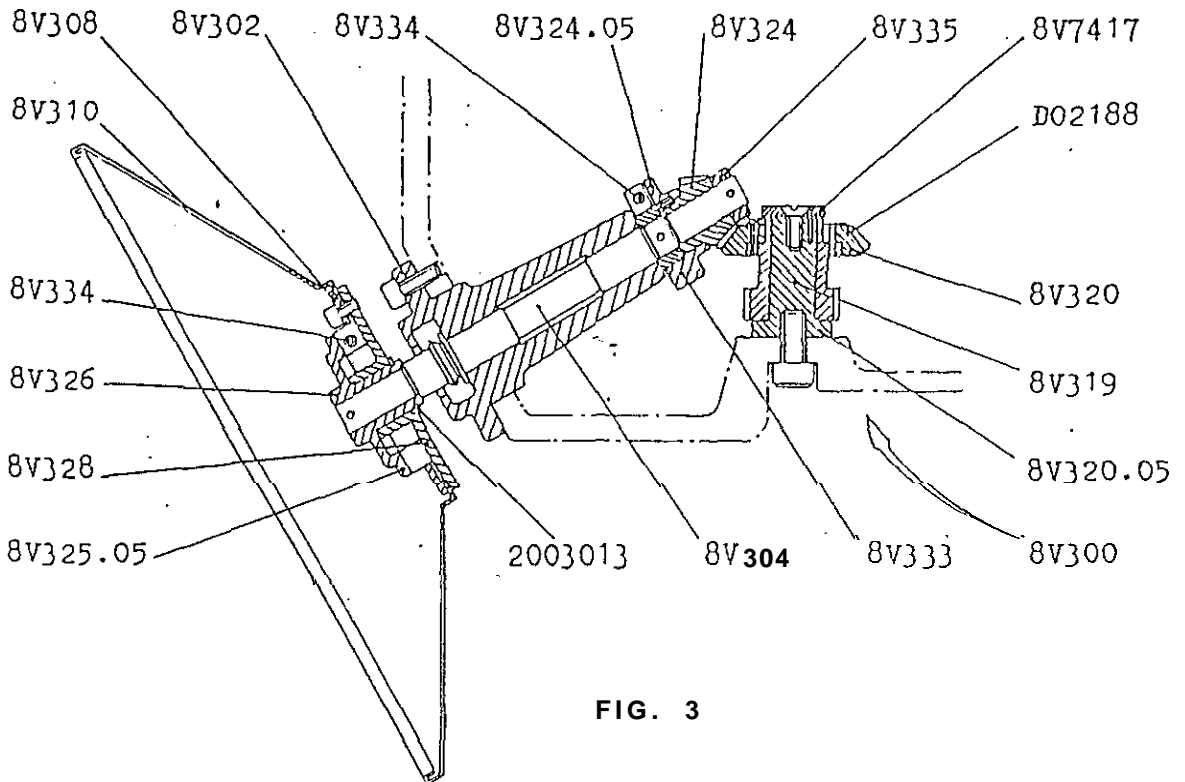
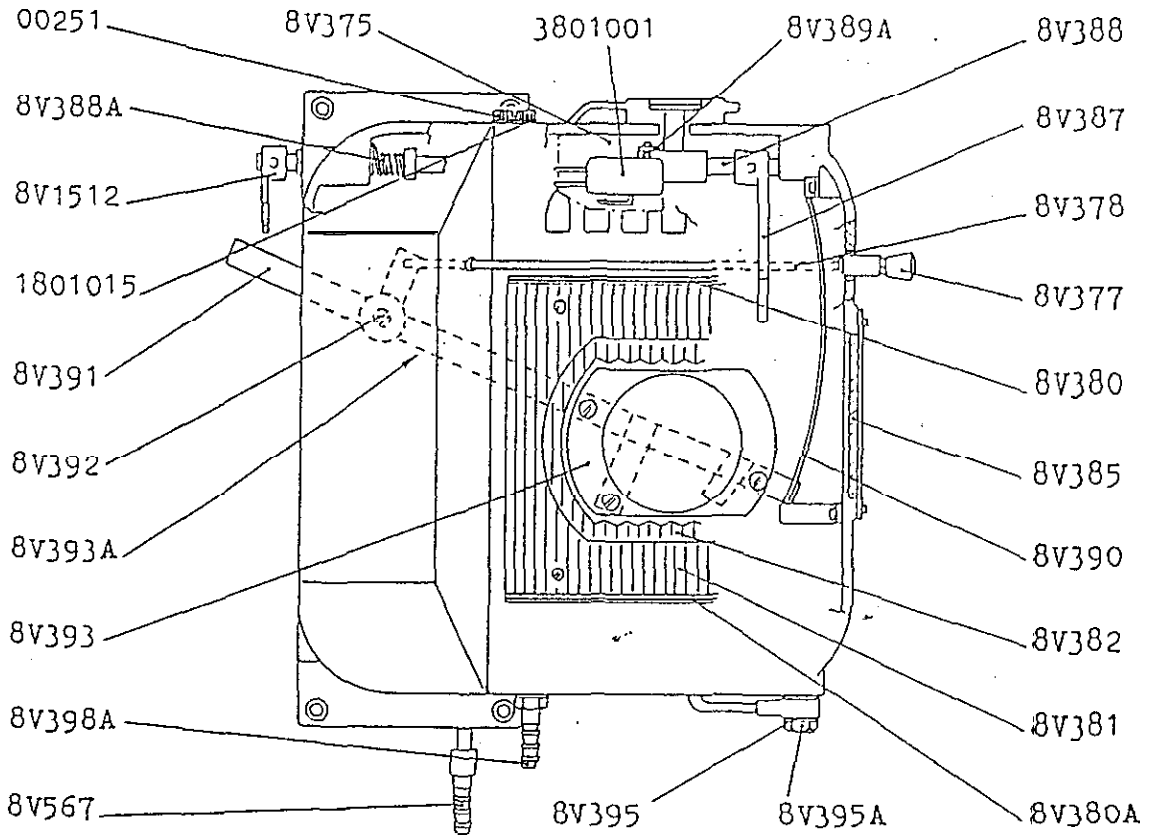


FIG. 3

FIG. 3 - DRUM SHUTTER AND SHUTTER HOUSING

00251	- Oil drain plug
DO21 88	- Bevel gear assembly 8~320.05 with pinion 8V324.05
1801015	- Oil drain plug gasket
8V395	- Gasket
2003013	- Circlip type UNI 3653-16mm. dia.
3801001	- Microswitch
8V300	- Shutter assembly
8V302	- Shutter bearing only
8V304	- Shutter shaft
8V308	- Shutter locking disc
8V310	- Conical shutter only
8V319	- Shutter bevel gear spindle
8V320	- Shutter bevel gear assembly
8V320.05	- Bevel gears $Z=38$ - $Z=26$ with spindle
8V324	- Shutter pinion
8V324.05	- Pinion with dog
8V325.05	- Shock absorber assembly
8V326	- Shock absorber dog
8V328	- Shock absorber
8V333	- Dog for shutter pinion shock absorber
8V334	- Shock absorber spring
8V335	- Shutter shaft ring
8V375	- Microswitch with bracket
8V377	- Safety shutter knob
8V378	- Safety shutter opening shaft
8V380	- Top light shield
8V380A	- Bottom light shield
8V381	- Corrugated heat shield, outside
8V382	- Corrugated heat shield, inside
8V385	- Shutter case inspection window, glass only
8V387	- Safety shutter unlatching lever
8V388	- Unlatching lever spindle
8V388A	- Spring for unlatching lever spindle
8V389A	- Mascarini contact movable
8V390	- Safety shutter lever guide
8V391	- Safety shutter lever
8V392	- Screw for safety shutter lever
8V393	- Safety shutter disc only
8V393A	- Safety shutter disc with lever
8V395A	- Hollow plug for water pips
8V398A	- Water output piece
8V567	- Cooling piping
8V1512	- Change-over lever
8V7417	- Gear washer

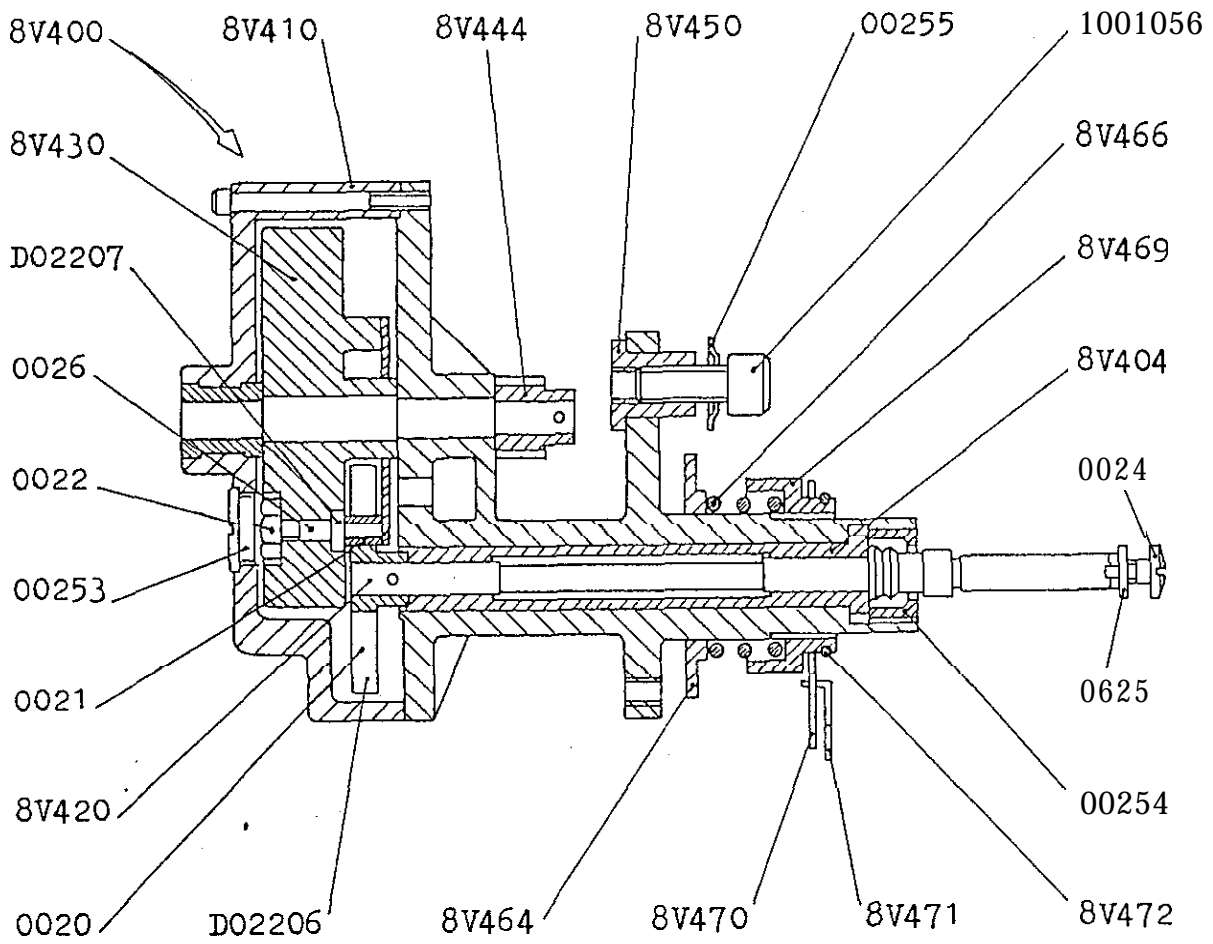


FIG. 4

FIG. 4	- BLOCCO CROCE DI MALTA
0020	- Croce di Malta
0021	- Rullino per nottolino
0022	- Dado per nottolino
0024	- Vite rullo Croce di Malta
0025	- Ranella con nasello
0026	- Nottolino
00253	- Tappo registro
00254	- Ghiera paraolio
00255	- Ranella imbutita
1001056	- Vite M8x20 UNI 5931
002206	- Croce di Malta con nottolino, dado e rullino
002207	- Nottolino con dado e rullino
BY400	- Blocco Croce di Malta completo (senza rullo)
8V404	- Bussola eccentrica
BY410	- Coperchio supporto Croce di Malta
8V420	- Albero rullo Croce di Malta
8V430	- Volantino con eccentrico e albero
8V444	- Pignone Z=13 per eccentrico
8V450	- Bussola per vite fissaggio blocco C.d.M.
8V464	- Disco frizione
8V466	- Molla disco frizione
8V469	- Bussola registro
8V470	- Collare arresto telaino
8V471	- Molla collare
8V472	- Anello arresto collare

FIG. 4 - BLOC DE CROIX DE MALTE

0020	- Croix de Malte
0021	- Galet pour ergot
0022	- Doigt pour ergot
0024	- Vis tambour de croix de Malte
0025	- Rondelle rectifiée
0026	- Ergot
00253	- Bouchon de réglage de l'ergot
00254	- Virole pare huile
00255	- Rondelle
1001056	- Vis M8x20 "NI 5931
002206	- Croix de Malte avec ergot, cloigt et galet
002207	- Ergot avec doigt et galet
8V400	- Bloc de Croix de Malte complet (sans tambour)
8V404	- Cage excentrée
8V410	- Couvercle support croix de Malte
8V420	- Arbre tambour Croix de Malte
8V430	- Volant avec excentrique et axe
8V444	- Pignon Z=13 pour excentrique
8V450	- Cage pour vis de fixation bloc de croix de Malte
8V464	- Disque de friction
8V466	- Ressort disque de friction
8V469	- Cage ressort de régulation
8V470	- Collier d'arrêt du châssis
8V471	- Ressort du collier
8V472	- Bague d'arrêt du collier

FIG. 4 - INTERMITTENT "NIT"

0020	- Maltese cross
0021	- Cam roller
0022	- Pin
0024	- Intermittent sprocket screw
0025	- Lock washer with Key
0026	- Cam
00253	- Plug for roller setting
00254	- Oil seal
00255	- Washer
1001056	- Screw M8x20 UNI 5931
002206	- Maltese cross with cam, pin and roller
002207	- Cam with pin and roller
8V400	- Complete intermittent unit (less sprocket)
8V404	- Eccentric sleeve for intermittent shaft
8V410	- Intermittent unit cover
8V420	- Intermittent sprocket shaft
8V430	- Flywheel with cam and shaft
8V444	- Cam pinion Z=13
8V450	- Bush for intermittent unit securing screw
8V464	- Clutch disc
8V466	- Spring
8V469	- Spring load control bush
8V470	- Roller arm stop collar
8V471	- Collar spring
8V472	- Collar circlip

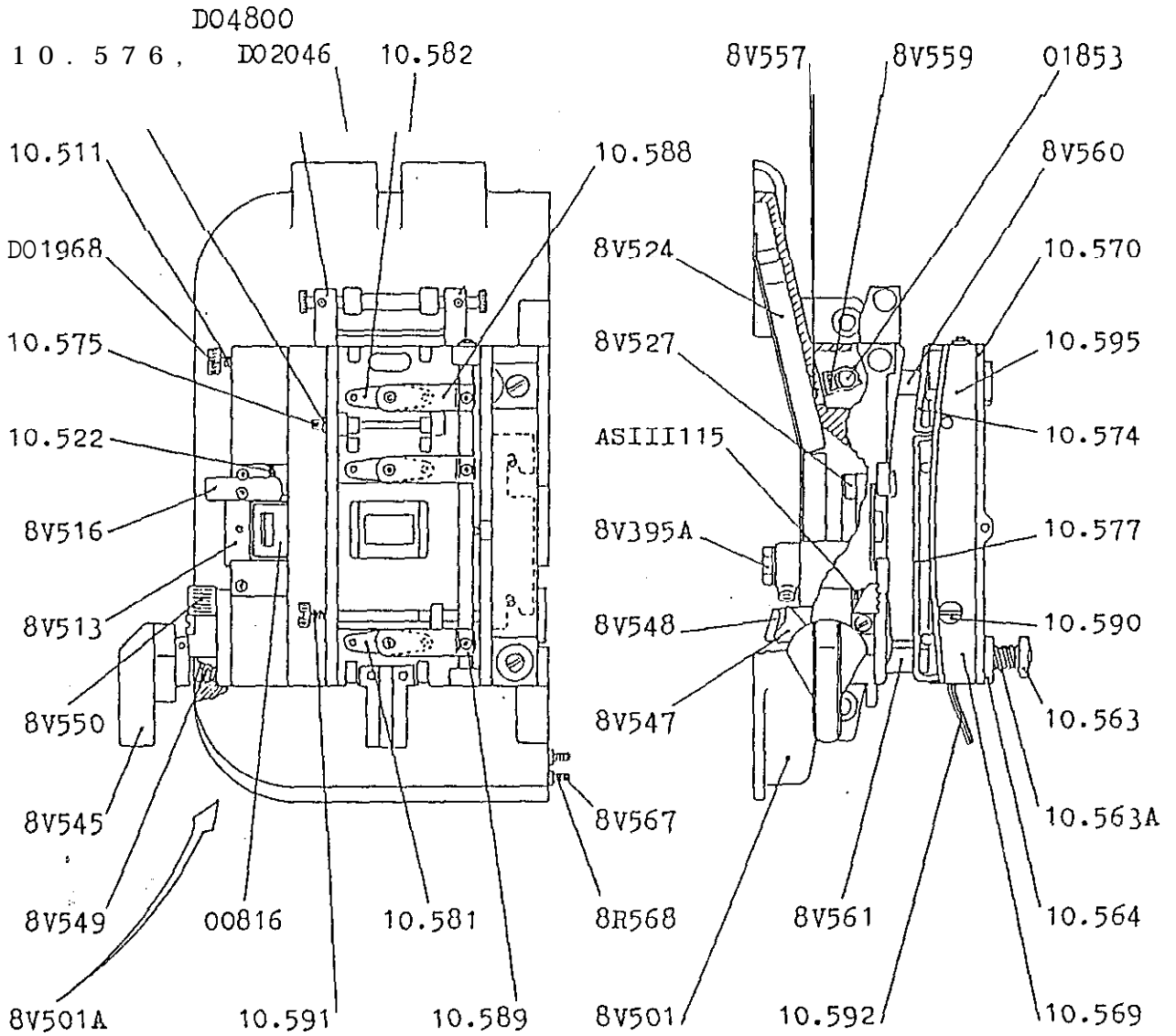
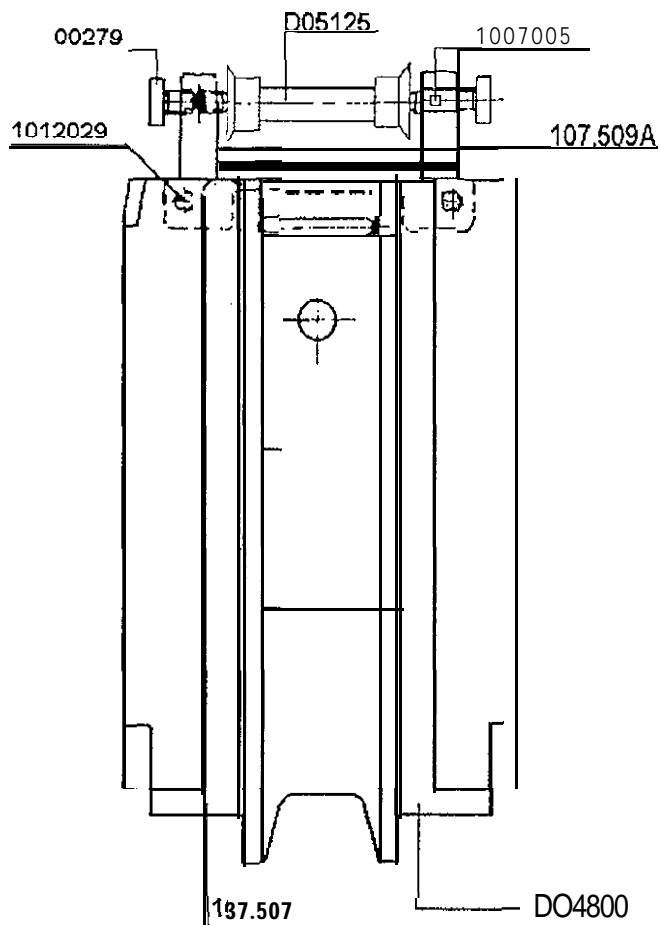


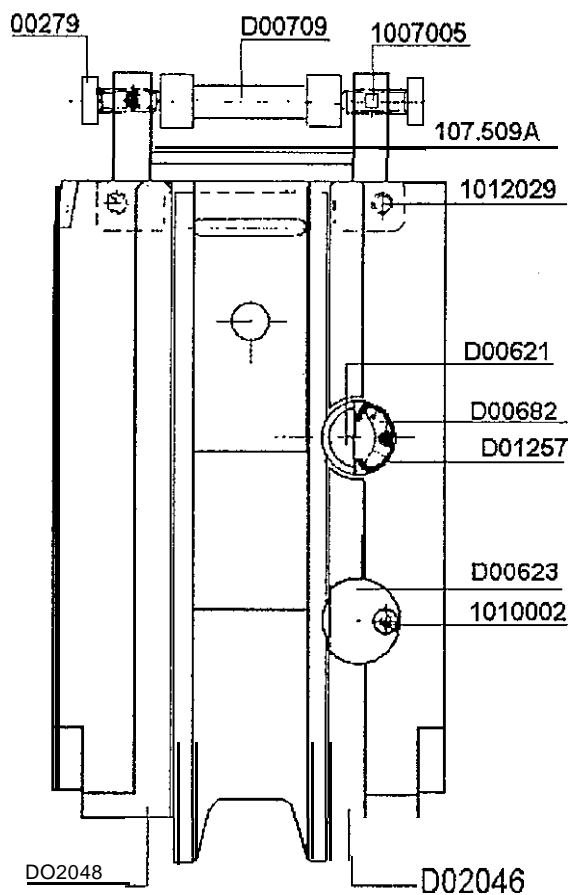
FIG. 5

FIG. 5 - GATE BRACKET AND GATE FRAME

00816	- Three-aspect ratio aperture plate (aspect ratios to be advised)
01 a53	- Framing lamp, 12 Volts - 3 Watts
8V395A	- Hollow plug for water pipe
8V501	- Gate bracket only
°8V501A	- Gate bracket assembly
°8V513	- Aperture plate removable guide
8V516	- Latch for aperture plate
8V524	- Air duct
av527	- Corrugated shield
8V545	- Gate frame opening knob with retaining screw
8V547	- Gate latch lever
8V548	- Gate latch arm
av549	- Gate frame opening knob spring
8V550	- Gate frame c losing lever
av557	- Insulating bush
8V559	- Framing lamp holder assembly
8V560	- Upper gate support spindle
8V561	- Lower gate support spindle
av567	- Cooling circuit for av
8R568	- Cooling circuit for 8R
10.511	- Spring for gate plate locking screw
10.522	- Spring for aperture plate latch
10.563	- Gate frame support spring retaining knob
10.563A	- Gate frame support spring
10.564	- Gate frame support
°10.569	- 35mm. gate frame assembly
010.570	- 35mm. gate frame only
010.574	- 35mm. upper pressure plates (2 pieces)
010.575	- Upper pressure plate retaining screw
10.576	- Spring washer for no. 10.575
010.577	- 35mm. lower pressure plates (2 pieces)
°10.581	- Pressure pad for lower plates
°10.582	- Pressure pad for top plates
010.588	- Pressure pad control spring
010.589	- Spring for pressure pads
010.590	- Pressure pad control knob
010.591	- Pressure pad control spring
10.592	- Stripper
010.595	- Gate frame cover
AS111115	- Gate frame c losing lever spring
°D02046	- Gate plate assembly
°D04800	- " " " " " "
D01968	- Gate plate locking screw



00279	Vite a punta per rullino Vis pointeau pour galet Guide roller adjusting screw
1007005	Vite M4x6 UNI 5929 Vis M4x6 UNI 5929 Screw M4x6 UNI 5929
1012029	Vite M4x6 UNI 6108 Vis M4x6 UNI 6108 Screw M4x6 UNI 6108
107.507	Pattino mensola 35mm.per V8 Glissiere 35mm. pour V8 35mm. gate plate for V8
107.509A	Supporto rullino superiore 35mm. Support galet superieur 35mm. 35mm. upper roller bracket
D051 25	Assieme rullino con molla 35mm. Galet guide avec ressort 35mm.complet Spring guide roller assembly
DO4800	Pattino mensola V8 35mm. completo Glissiere complete pour V8 35mm. V8 35mm. complete gate pad



- 00279 Vite a punta per rullino
Vis **pointeau** pour galet
Guide roller adjusting screw
- 1007005 Vite M4x6 UNI 5929
Vis M4x6 UNI 5929
Screw M4x6 UNI 5929
- 1012029 Vite M4x6 UNI 6108
Vis M4x6 UNI 6108
Screw M4x6 UNI 6108
- 1010002 Vite M3x8 UNBRAKO
Vis M3x8 UNSRAKO
Screw M3x8 UNBRAKO
- 107.509A Supporto rullino superiore 35mm.
support galet superieur 35mm.
35mm. upper roller bracket
- 000729 Rullino per pattino 35mm.
Galet pour glissiere 35mm.
Roller for gate plate 35mm.
- 000632 Ancorina antirotazione
Plaquet antirotation
Pusher stop plate
- D01257 Molla spintore
Ressort pousser
Pusher spring
- 002043 Pattino 35mm. can spingifilm senza rullino
Glissiere 35mm. avec poushers sans galet
Gate plate 35mm. with pushers less roller
- 000621 Spintore film
Pousser
Film pusher
- D02046 Pattino V8 35mm. con spingifilm
Glissiere V8 35mm. avec poushers
Gate plate V8 35mm. with pushers
- D00623 Coperchietto spintore
Couvercle pousser
Pusher cover

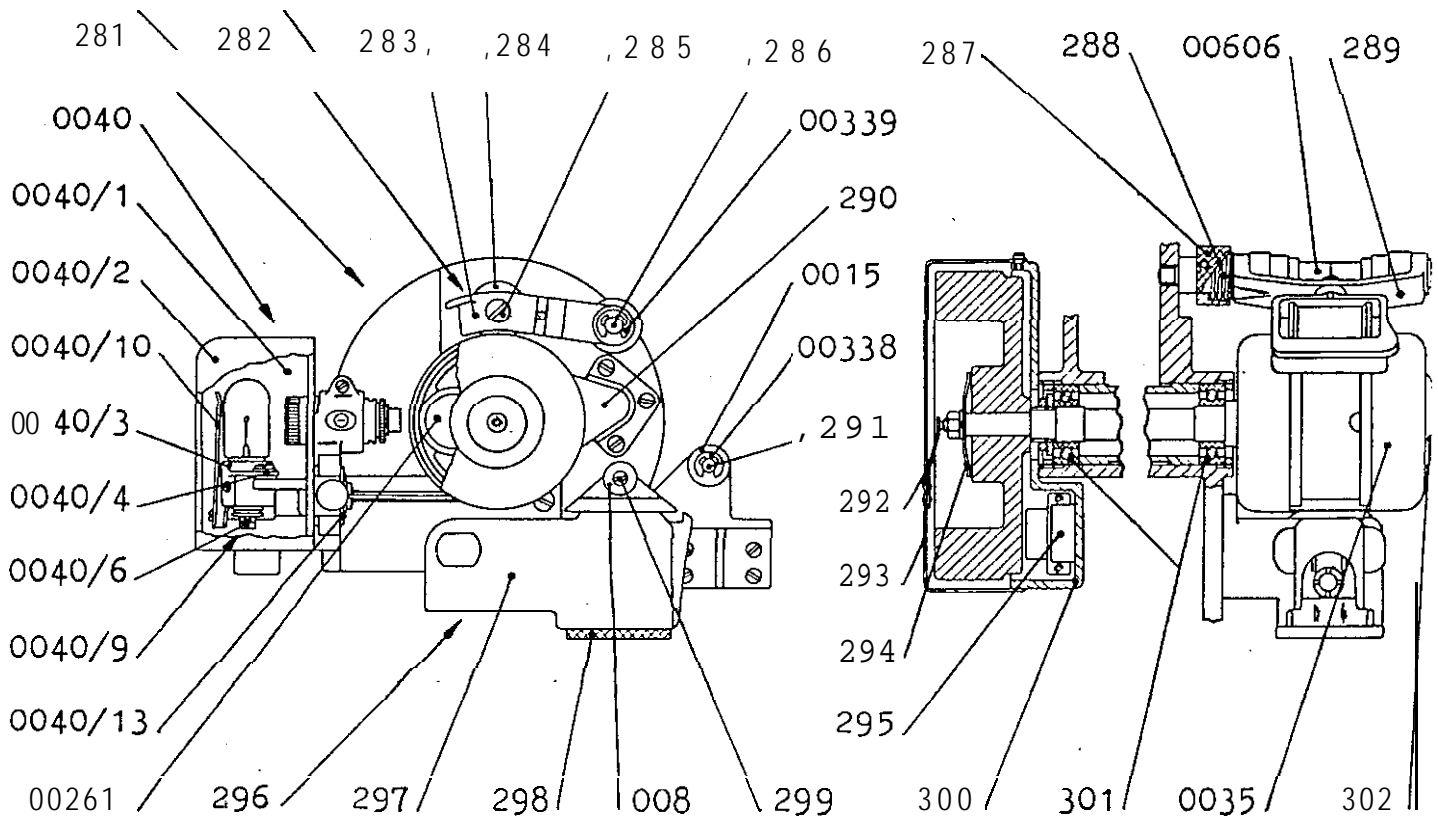


FIG. 8

FIG. 8 - OPTICAL SOUNDHEAD

008	- Filter roller 15mm O.D.
0035	- Reproducer drum with shaft and cover screw
0040	- Exciter lamp assembly complete
0040/1	- Exciter lamp housing complete
0040/2	- Exciter lamp housing cover
0040/3	- Exciter lamp holder and support bracket assembly
0040/4	- Exciter lamp insulating bushes and washers
0040/6	- Exciter lamp bottom contact spring, complete
0040/9	- Insulating bushes for part No. 0040/6
0040/10	- Exciter lamp locating spring with stud
0040/13	- Spring washer
00261	- P.E. cell housing
00261 bis	- Photojunction housing
00338	Circlip securing rollers (6mm I.D.)
00339	Circlip securing rollers (8mm I.D.)
0015	Flanged roller (22mm O.D.)
00606	Plain roller (19mm O.D.)
281	Complete optical soundhead
282	Lay on pressure roller arm and bracket assembly
283	Lay on pressure roller arm
284	Lay on pressure roller and arm complete
285	Lay on pressure roller spindle
286	Lay on pressure roller assembly pivot spindle
287	Lay on pressure roller spring bush
288	Lay on pressure roller spring
289	Lay on pressure roller arm bracket
290	Photocell bracket
2 9 1	Flanged roller spindle
292	Earth contact
2 9 3	Flywheel housing cover with earth contact
294	Springwasher
295	Flywheel magnet
296	- Dash pot assembly complete
297	Dash pot body
298	Oil tank
299	Dash pot roller spindle
300	Flywheel housing
301	Ball race
'302	Drum fastening disc
0080	Exciter lamp
0082	Objective lens

dal N. 1201

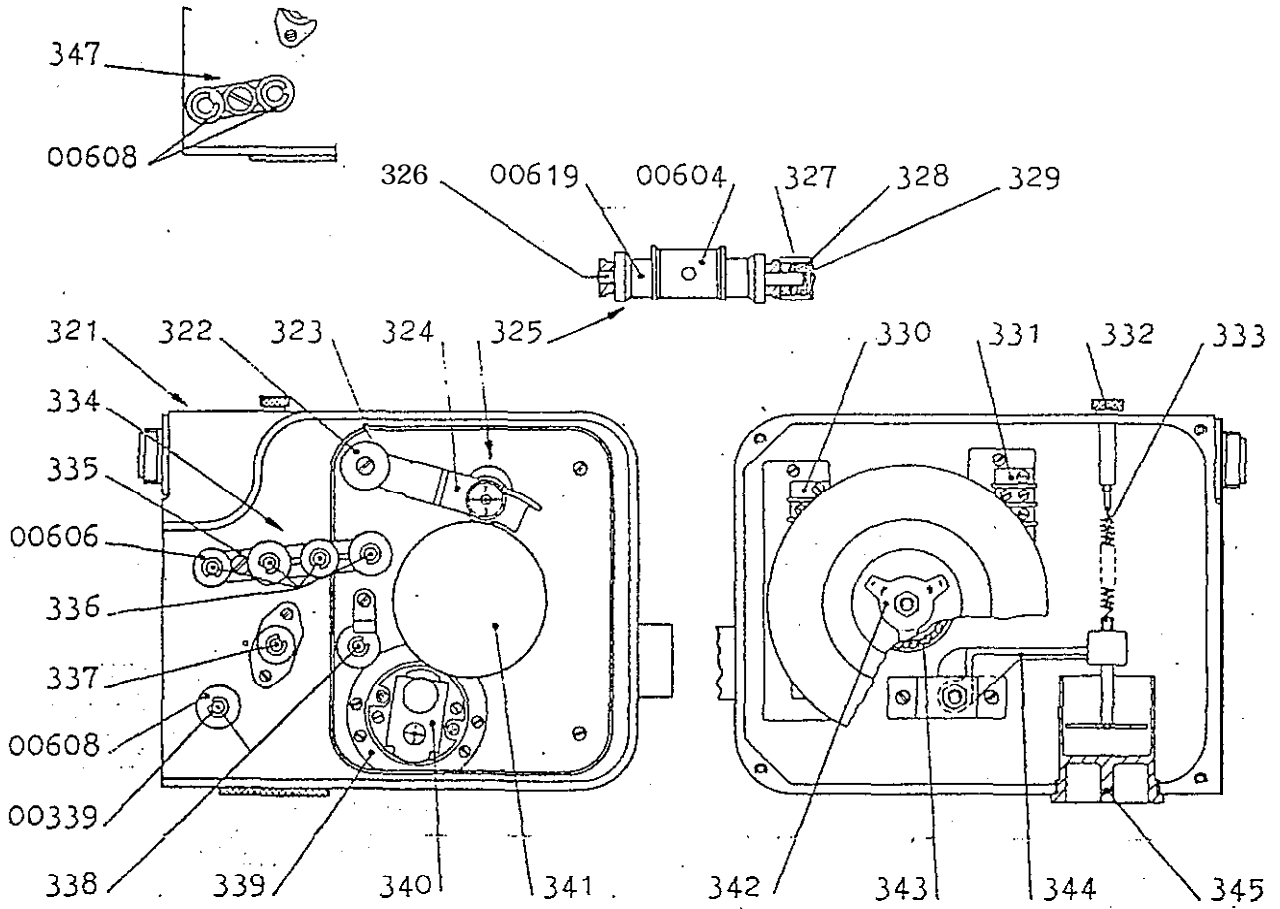


FIG. 9

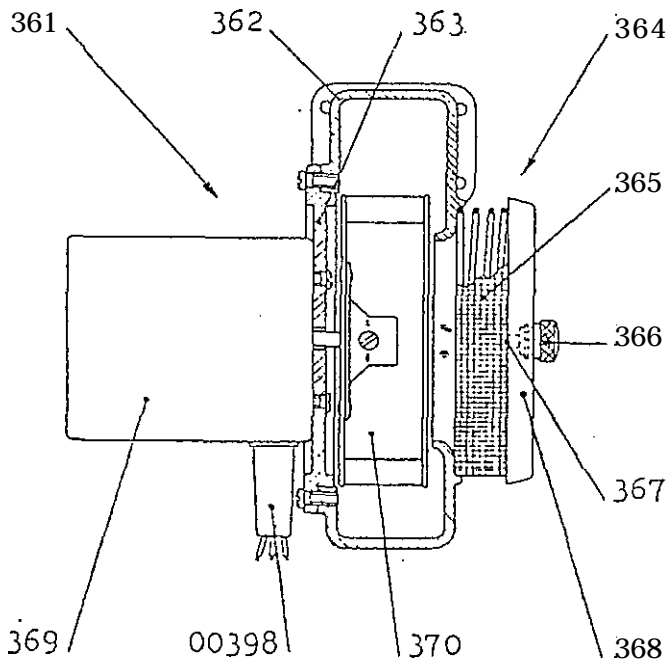


FIG. 10

FIG. 9. - MAGNETIC SOUNDHEAD

00339	- Circlip securing roller (8mm I.D.)
00504	- Lay on pressure roller for 35 mm
00606	- Plain roller (19mm O.D.)
00608	- Flanged roller (22mm O.D.)
00519	- Lay on pressure roller for 70 mm
°°321	- Complete magnetic soundhead for 70/35
322	- Lay on pressure roller spring housing
323	- Lay on pressure roller spring
324	- Lay on pressure roller arm
' 325	- Lay on pressure roller arm and bracket assembly
326	- Eccentric spindle
327	- Lay on pressure roller arm spring
328	- Lay on pressure roller arm knob
329	- Lay on pressure roller arm knob cover indicator
330	- Terminal board for 35mm sound track
331	- Terminal board for 70mm sound track
332	- Filter roller tension screw
333	- Filter roller spring
334	- Roller arm assembly complete
335	- Roller arm only
336	- Roller spindle o.d. 8mm
337	- Filter roller spindle
338	- Spindles for flanged rollers o.d. 8mm
°339	- Base for 35mm cluster.
°°339bis	- Base for 70mm cluster
°340	- 35mm magnetic cluster
°°340bis	- 70mm magnetic cluster
341	- drum with shaft
342	- spring washer f&flywheel
343	- Ball race
344	- Filter roller lever with bell race
345	- Oil container
°346	- Complete magnetic soundhead for 35
347	- Sound synch. roller arm assembly (from N° 1201)

FIG. 10 - AIR COOLING UNIT

° 00398	- Rubber sleeve
35 1	- Complete fan assembly (mains voltage and frequency to be specified)
352	- Fan housing
353	- Motor flange
354	- Air filter complete with cover and stud
355	- Air filter (spring 2nd fabric)
3 6 6	- Knob securing filter cover
3 5 7	- Filter stud
' 356	- Filter cover
359	- Fan motor (mains voltage and frequency to be specified)
370	- Fan

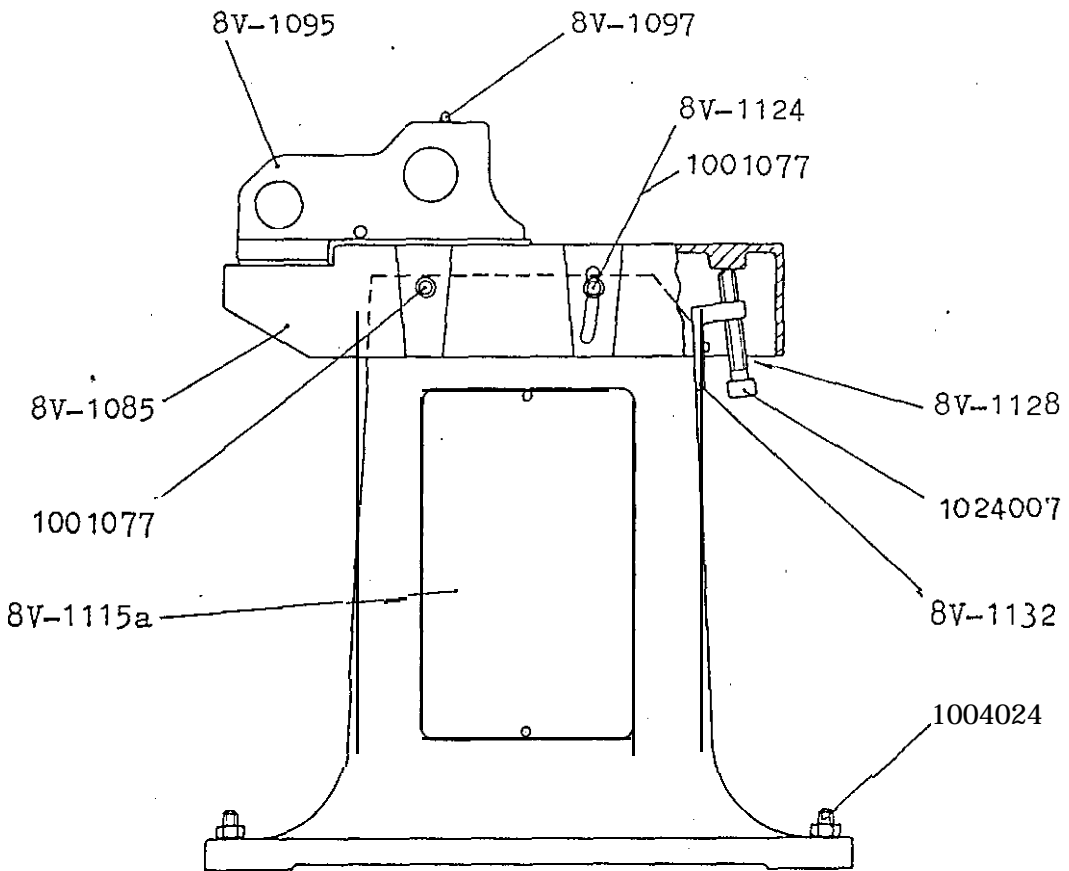
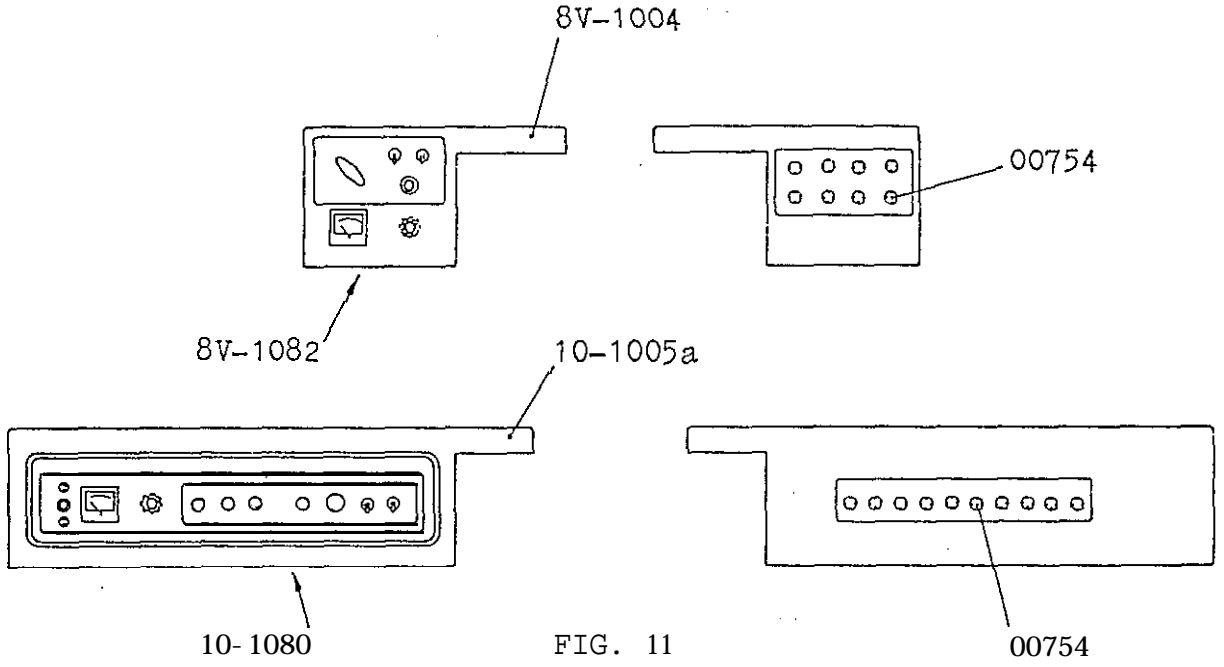


FIG. 11 - TAVOLA LANTERNA

00754 - Portafusibile
 8V-1004 - Tavola corta
 8V-1082 - Coperchio inferiore tavola corta
 10-1005a - Tavola lunga
 10-1080 - Coperchio inferiore tavola lunga
 NB: PER LE PARTI ELETTRICHE VEDI SCHEMA IMPIANTO

FIG. 12 - COLONNA E TAVOLA PROIETTORE

8V-1085 - Tavola proiettore
 8V-1095 - Carter cinghia
 8V-1097 - Bottone carter cinghia
 8V-1115a - Sportello posteriore colonna
 8V-1124 - Bullone testa quadra fissaggio tavola
 8V-1128 - Regolazione tavola proiettore completa
 8V-1132 - Supporto regolazione con vite fissaggio
 1001077 - Vite fissaggio tavola alla colonna
 1004024 - Vite regolazione colonna con dado
 1024007 - Vite regolazione

FIG. 11 - TABLE LANTERNE

00754 - Porte-fusible
 8V-1004 - Table courte
 8V-1082 - Carter inférieur de la table courte
 10-1005a - Table longue
 10-1080 - Carter inférieur de la table longue

NB: POUR LES PIÈCES DE RECHANGE ELECTRIQUES SE REFERER AU SCHEMA ELECTRIQUE

FIG. 12 - PIED ET TABLE PROJECTEUR

8V-1085 - Table projecteur
 8V-1095 - Carter de courroie
 8V-1097 - Bouton de carter courroie
 8V-1115a - Porte du pied
 8V-1124 - Bouton tête carrée fixation table
 8V-1128 - Verin de réglage de la table projecteur complète
 8V-1132 - Support de réglage avec vis de fixation.
 1001077 - Vis de fixation table au pied
 1004024 - Vis de régulation du pied avec écrou
 1024007 - Vis de réglage

FIG. 11 - ARC BEAM

00754 - Fuse holder
 8V-1004 - Short beam
 8V-1082 - Lower cover for short beam
 10-1005a - Long beam
 10-1080 - Lower cover for long beam

NB: FOR ELECTRICAL SPARE PARTS SEE THE ELECTRICAL DRAWING

FIG. 12 - STAND

8V-1085 - Mechanism beam
 8V-1095 - Belt cover
 8V-1097 - Belt cover securing screw
 8V-1115a - Complete rear cover
 8V-1124 - Square head screw for beam setting
 8V-1128 - Complete tilting device
 8V-1132 - Tilting screw bracket
 1001077 - Mechanism beam securing screw
 1004624 - Base levelling screw with nut
 1024007 - Tilting screw

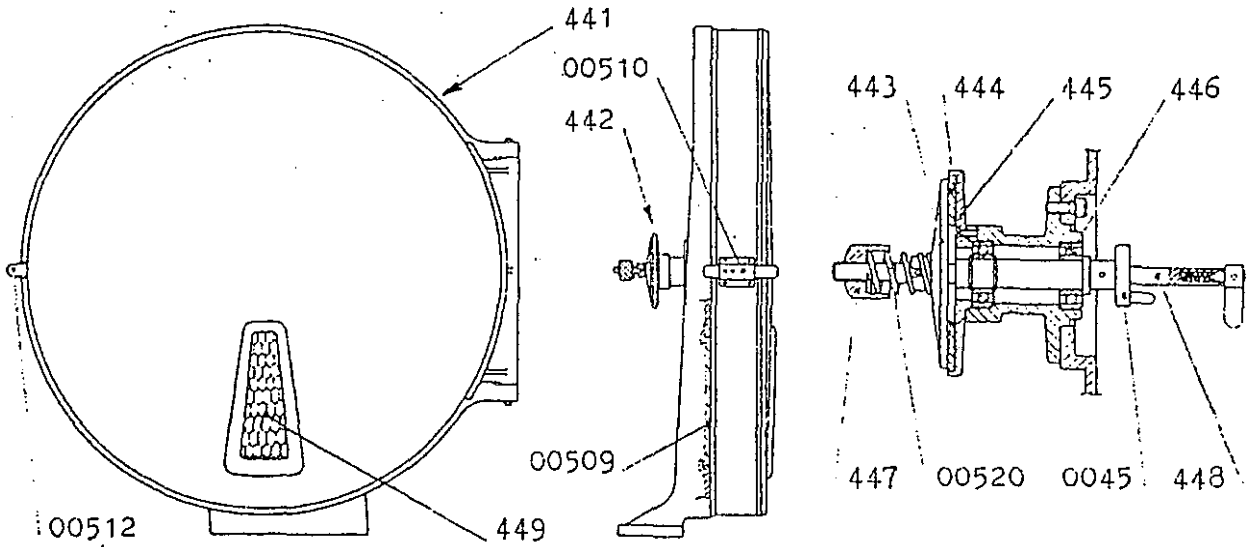


FIG. 13

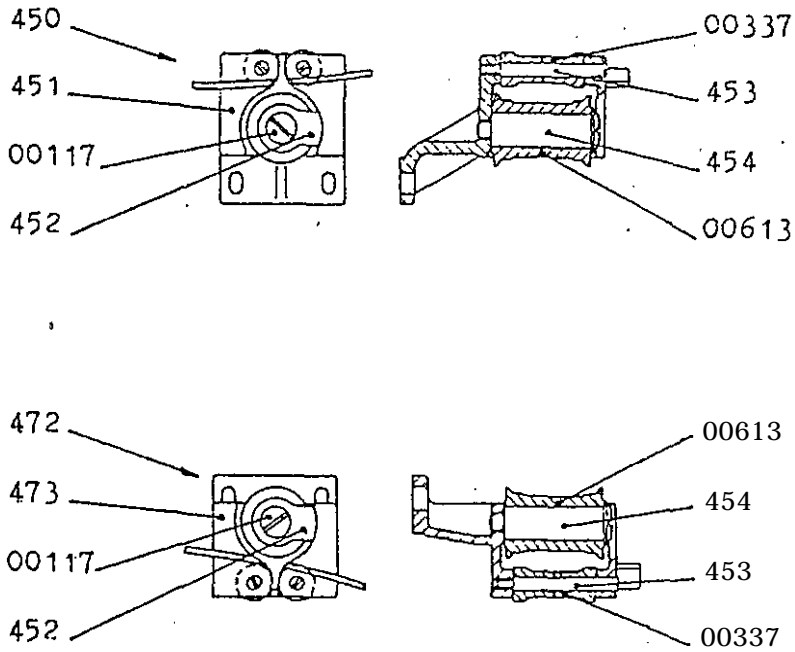


FIG. 14

FIG. 13 - TOE SPOOL-BOX

- °0045 - Spool drive collar
- °00509 - Rear inspection window
- °00510 - Latch bracket with spring.
- °00512 - Spool-box latch
- °00520 - Clutch spring
- °441 - Top spool-box complete with clutch and shaft
- °442 - Clutch and shaft assembly
- °443 - Clutch pressure plate
- °444 - Clutch washer (felt)
- °445 - Clutch disc, fixed
- °446 - Ball race
- °447 - Clutch spring tension nut
- °448 - Spool spindle with driving collar, 9 mm. dia.
- °449 - Front inspection window
- °456 - Spool spindle with driving collar, 5/16" dia.
- °457 - Spool spindle with driving collar, 12.7 mm. dia.

FIG. 14 - TOP AND BOTTOM FIRETRAPS
(up to serial No. 84500)

- °00117 - Roller fixing screw
- °00337 - Plain roller (15 mm o.d.)
- °00613 - Flanged roller (33 mm o.d.)
- °450 - Top firetrap assembly
- °451 - Top firetrap (frame only)
- °452 - Top firetrap safety plate
- °453 - Roller spindle
- °454 - Flanged roller spindle
- °472 - Bottom firetrap assembly
- °473 - Bottom firetrap (frame only)

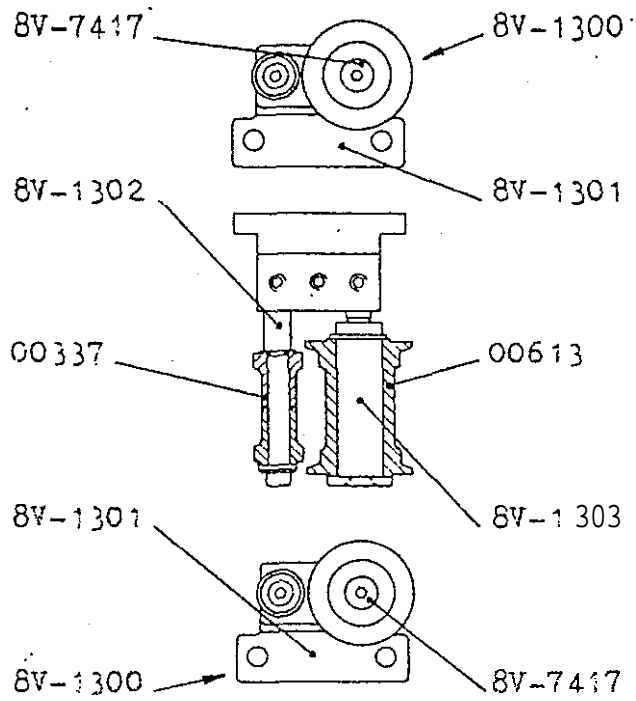


FIG. 15

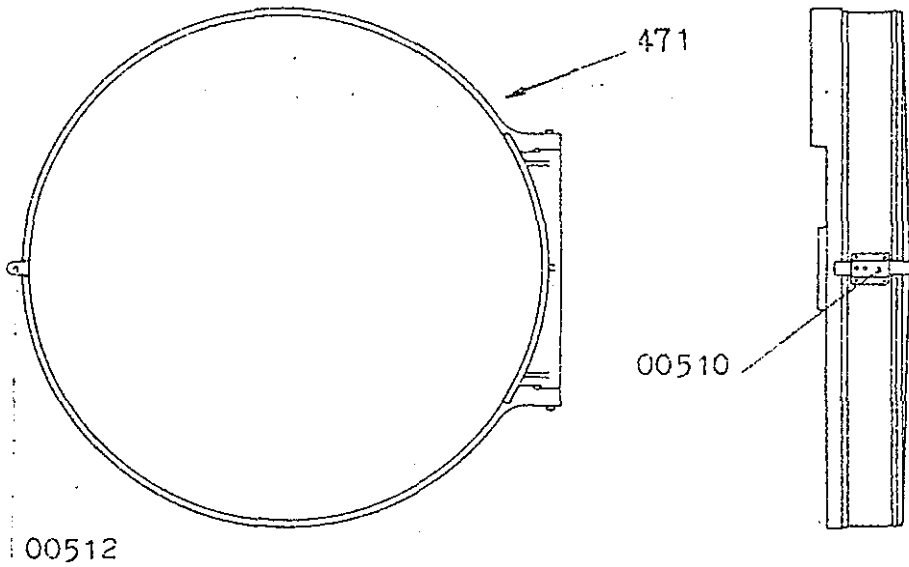


FIG. 16

FIG. 15 - TOE AND BOTTOM FIRETRAPS
(from serial No, 84501)

- °00337 - Flain roller (15 mm o.d.)
- °00613 - Flanged roller (33 mm o.d.)
- °8V-1300 - Top or bottom firetrap
- °8V-1301 - Top or bottom firetrap (frame only)
- °8V-1302 - Roller spindle
- °8V-1303 - Flanged roller spindle
- °8V-7417 - Roller fixing washer with screw

FIG. 16 - LOWER SFOOL-BOX

- 00510 - Latch bracket with spring
- °00512 - Spool-box latch
- °471 - Bottom spool-box assembly, less take-up and shaft

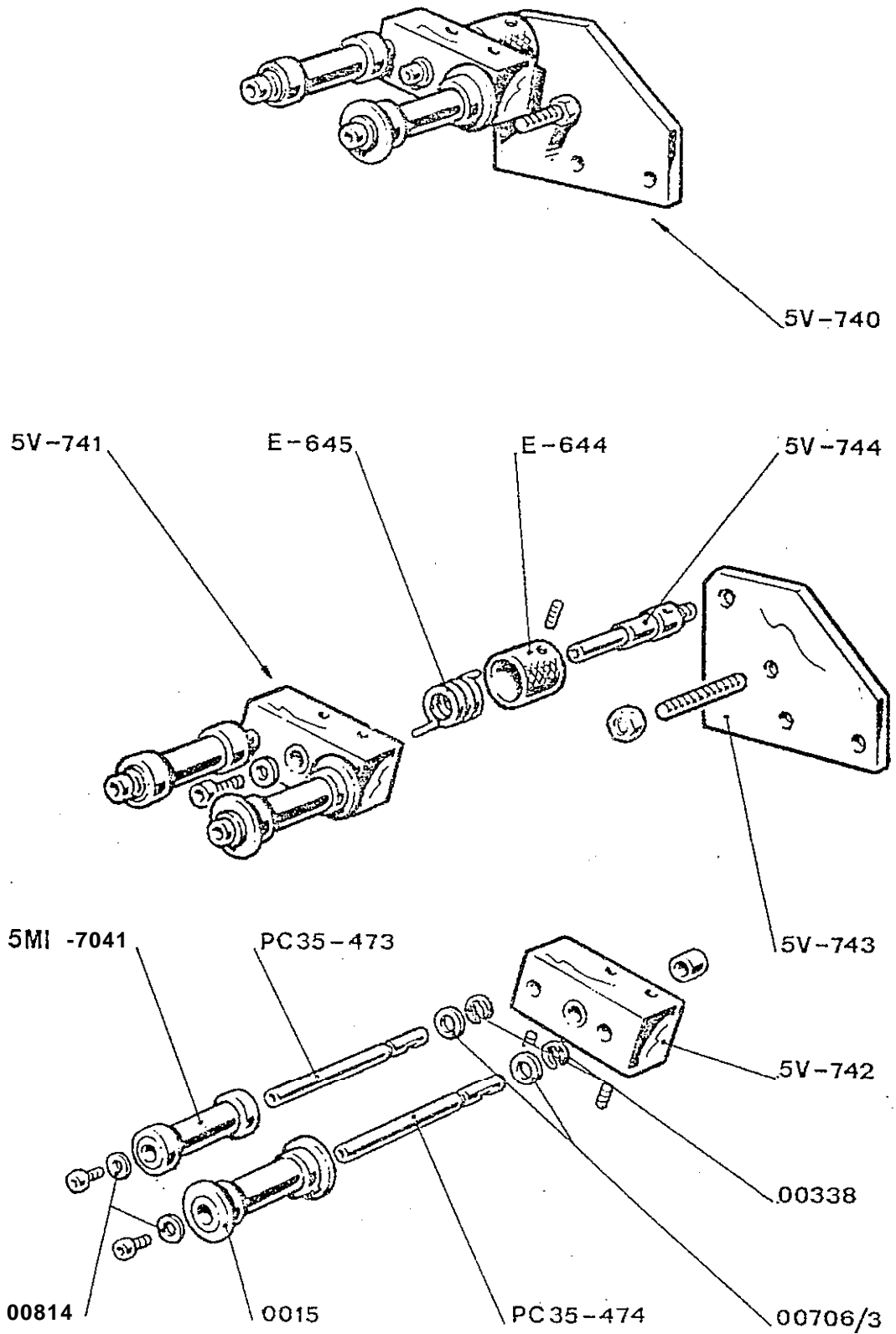


FIG. 12 bis

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
x35-474	- 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	- R o n d e l l e
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
x35-474	- 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
x35-473	- Roller spindle
x35-474	- Flanged roller spindle
IL-644	Spring adjustment bush
E-645	Spring
5MI-7041	- Roller

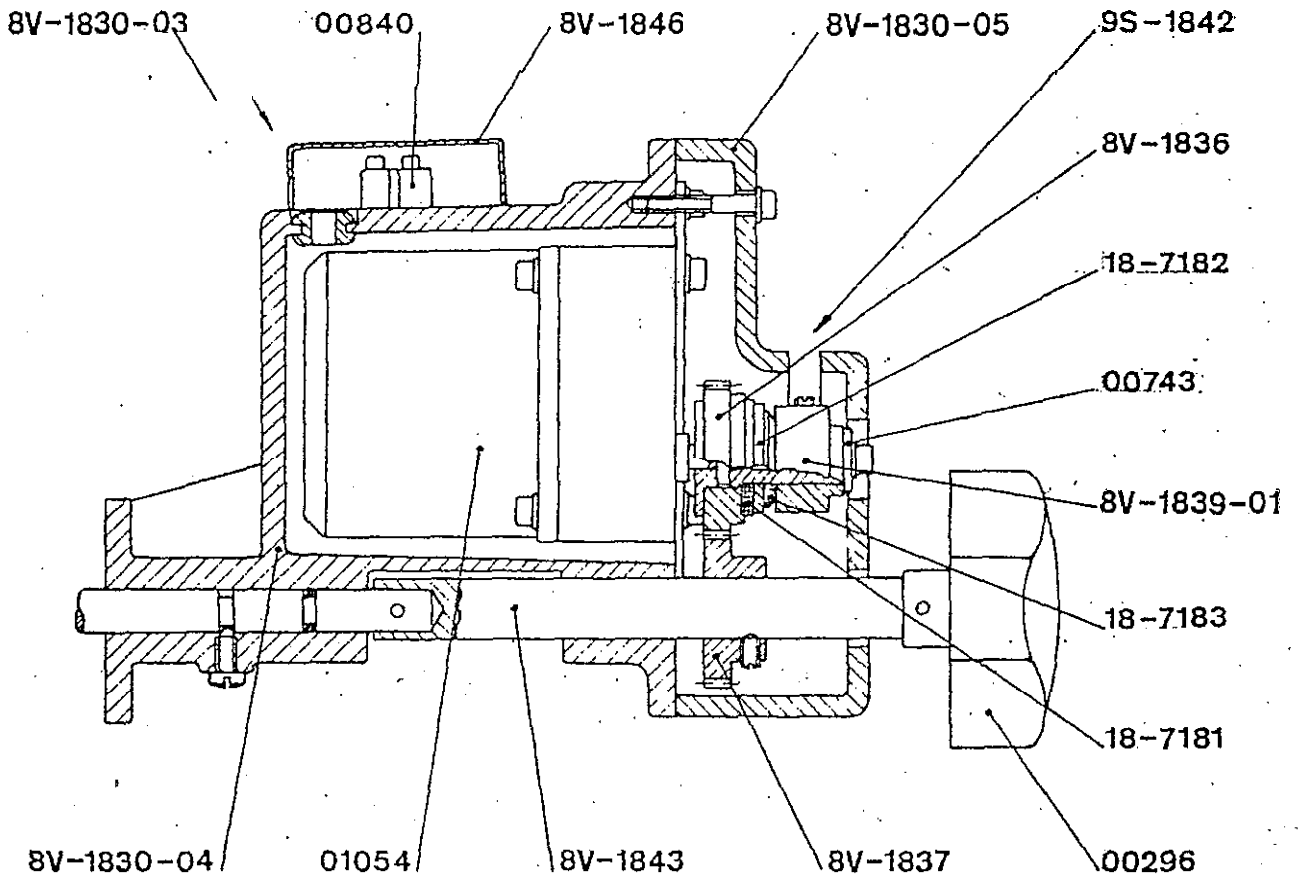


FIG.19 bis

FIG. 19 bis - COMANDO A DISTANZA QUADRO

8V-1830-03	- Comando quadro completo
00296	- Bottone
00743	- Rosetta
00840	- Morsettiera 3 posti
01054	- Motoriduttore (precisare tensione e periodi)
8V-1830-04	- Scatola (fus. lav.)
8V-1830-05	- Coperchio (fus. lav.)
8V-1836	- Ingranaggio motors
8V-1837	- Ingranaggio condotto
8V-1839-01	- Piattello frizione
8V-1843	- Prolunga
8V-1846	- Coperchio morsettiera
9S-1842	- Frizione completa
18-7181	- Disco frizione
18-7182	- Rondella pressione
78-7183	- Rosetta elastica

FIG. 19 bis - COMMANDE CADRAGE A DISTANCE

8V-1830-03	- Commande cadrage complete
00296	- Bouton
00743	- Rondelle
00840	- Plaque à trois bornes
01054	- Moto-réducteur (préciser tension et périodes)
8V-1830-04	- Boîtier (fusion seule)
8V-1830-05	- Couvercle (fusion seule)
8V-1836	- Engrenage moteur
8V-1837	- Engrenage conduit
8V-1839-01	- Plateau friction
8V-1843	- Prolongation
8V-1846	- Couvercle de la plaque à bornes
9S-1842	- Friction complète
18-7181,	- Disque friction
18-7182	- Rondelle pression
18-7183.	- Rondelle elastique

FIG. 19 bis - REMOTE FRAMING CONTROL UNIT

8V-1830-03	- Remote framing assembly
00296	- Button
00743	- Washer
00840	- Terminal board
01054	- Motor reduction gear (specify voltage and frequency)
8V-1830-04	- Box (machined casting)
8V-1830-05	- Cover (machined casting)
8V-1836	- Motor gear
8V-1837	- Drive gear
8V-1839-01	- Clutch plate
8V-1843	- Extension shaft
8V-1846	- Terminal board cover
9S-1842	- Clutch assembly
18-7181	- Clutch disc
18-7182	- Spring washer
18-7183	- Lock washer

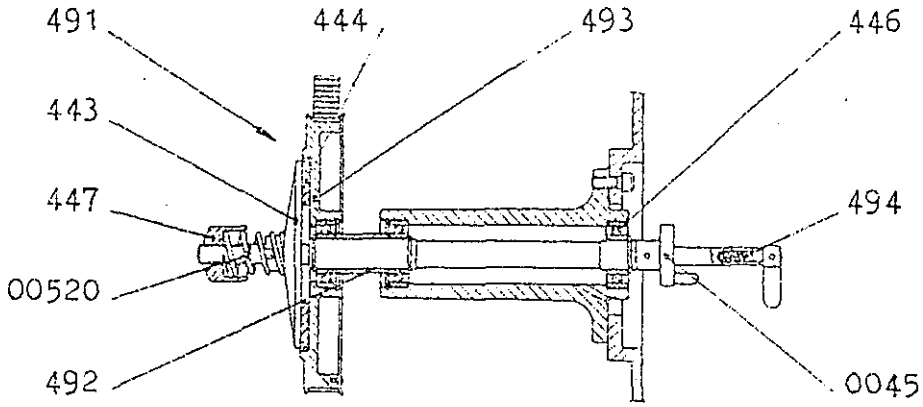


FIG. 17

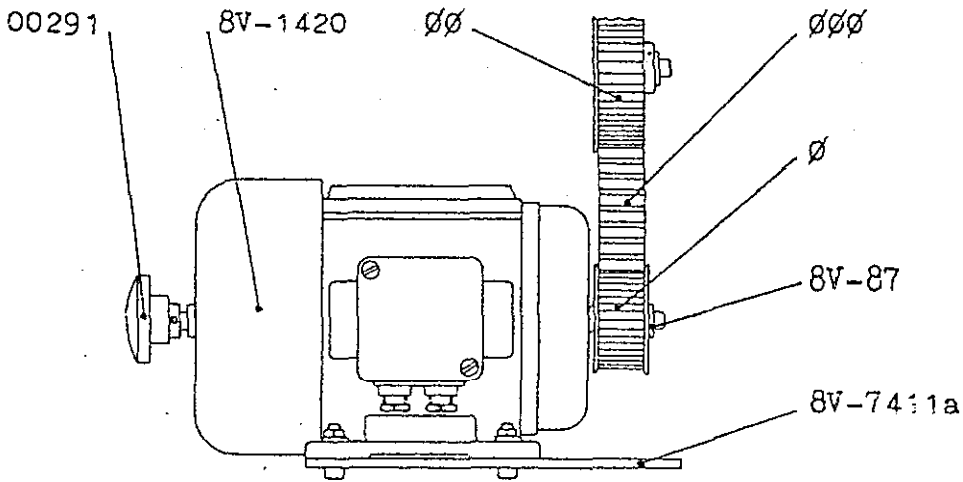


FIG. 18

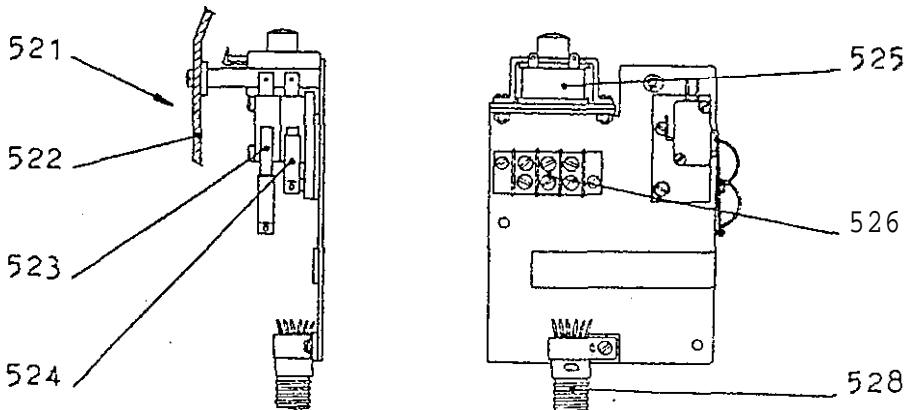


FIG. 19

FIG. 17 - TAKE-UP

- °0045 - Spool driving collar
- °00520 - Clutch spring
- 443 - Clutch pressure plate
- 444 - Clutch insert (felt)
- 446 - Ball race
- 447 - Clutch spring tension nut
- °491 - Take-up assembly
- °492 - Bush
- 493 - Take-up toothed pulley
- °494 - Spool spindle with driving collar assembly 9mm
- °495 - Spool spindle with driving collar assembly 5/16"
- °496 - Spool spindle with driving collar assembly 12.7mm

FIG. 18 - MOTOR (from serial N° 84400)

- 00291 - Knob - 50 mm dia.
- 8V-87 - Washer with screw
- 8V-1420 - 8 pole drive motor (Volts and cycles to be advised)
- 8V-7411a - Motor support plate

TABLE OF RATIOS				
FPS	Hz	Pinion ϕ	Pulley ϕ/ϕ	Belt $\phi\phi\phi$
24	50	Z.35 8V-7412	2.55 8V-85	8V-1422
24	60	Z.36 8V-7412g	2.55 8V-85	8V-1422
24 Sync.	50	Z.32 8V-1441	2.50 8V-85s	8V-1422
24 Sync.	60	2.32 8V-1441	2.60 8V-85b	8V-1452
25 Sync.	50	2.40 8V-1466	2.60 8V-85b	8V-1452

FIG. 19 - PICTURE CHANGEOVER MECHANISM
(from serial N° 83605)

- 521 - Complete change over mechanism with no.116 lever
- 522 - Cover
- 523 - Microswitch for sound change over
- 524 - Microswitch for picture change over
- 525 - Solenoid assembly (specify voltage)
- 526 - Three way terminal board
- 528 - Cable form

FIG. 17 - RIAVVOLGIMENTO INFERIORE

- °0045 - Mandabobina
- °00520 - Molla frizione
- 443 - Disco frizione mobile
- 444 - Ranella frizione (feltro)
- 446 - Cuscinetto a sfere
- 447 - Bottone regolazione molla
- "491 - Riavvolgimento inferiore completo
- °492 - Distenzisle frizione
- 493 - Fuleggia dentata Z.47
- °494 - Albero con snodo e mandabobine diametro 9 mm.
- °495 - Albero con snodo e mandabobina diametro 5/16"
- °496 - Albero con snodo e mandabobina diametro 12,7

FIG. 18 - MOTORE (dal N° 84400)

- 00291 - Bottone diam. 50
- 8V-87 - Ranella con vite
- 8V-1420 - Motore 8 poli (precisare Volt e periodi)
- 8V-7411a - Eiastra supporto motore

TABELLA RAPPORTI				
FPS	Hz	Pignone \emptyset	Puleggia $\emptyset\emptyset$	Cinghia $\emptyset\emptyset\emptyset$
24	50	2.36 8V-7412	2.55 8V-85	8V-1422
24	60	Z.30 8V-7412g	2.55 8V-85	8V-1422
24 Sincr.	50	2.32 8V-1441	Z.50 8V-85s	8V-1422
24 Sincr.	60	2.32 8V-1441	2.60 8V-85b	8V-1452
25 Sincr.	50	2.40 8V-1466	Z.60 8V-85b	8V-1452

FIG. 19 - COMANDO DI CAMBIO MACCHINA (dal N° 83605)

- 521 - Comando di cambio macchina completo di leva n.116
- 522 - Coperchio
- 523 - Microinterruttore con lastrina contatto suono
- 524 - Microinterruttore con lastrina contatto immagine
- 525 - Bobina completa (precisare tensione)
- 526 - Morsettiera a tre morsetti
- 528 - Cablaggio

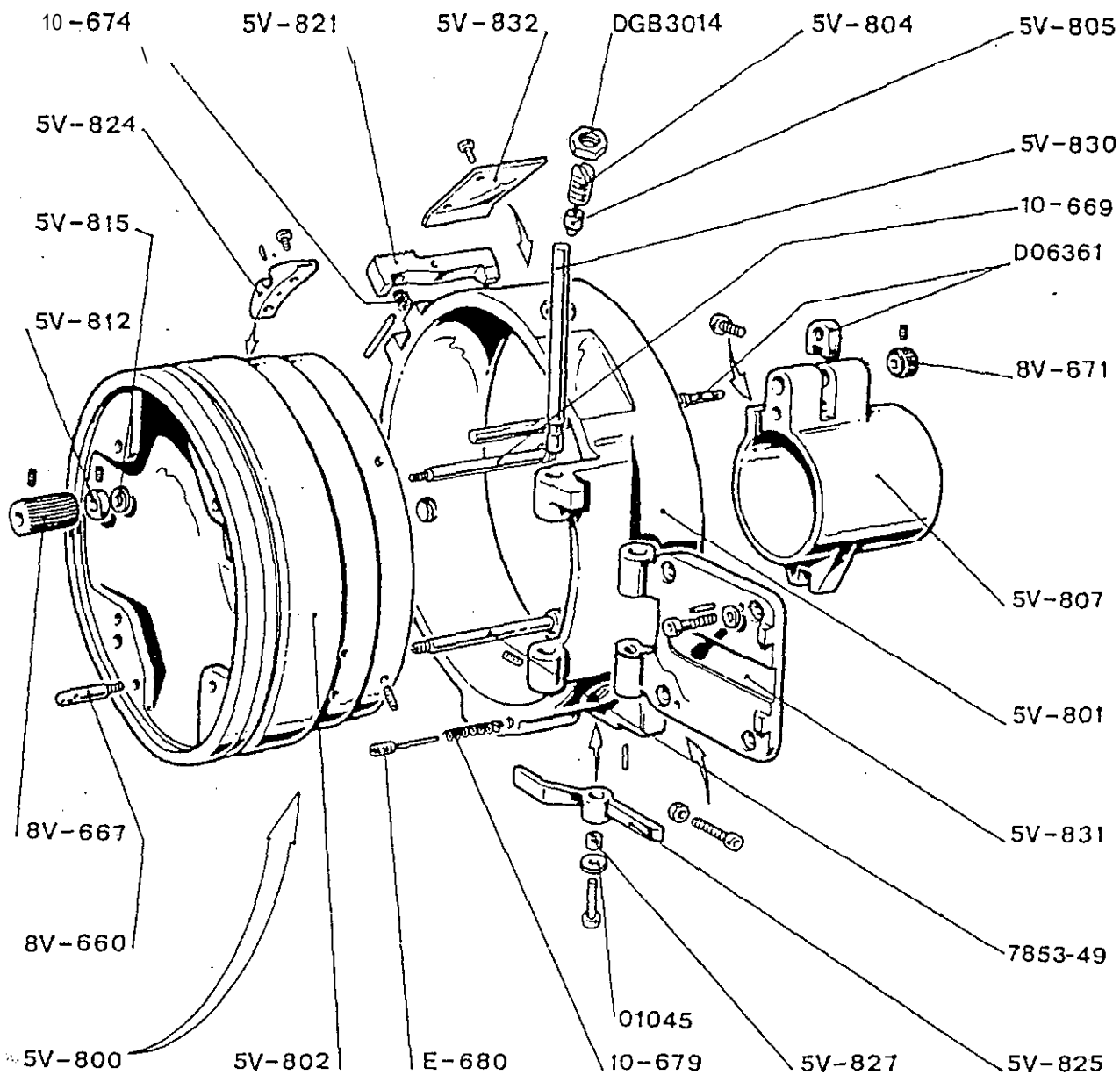


FIG.18

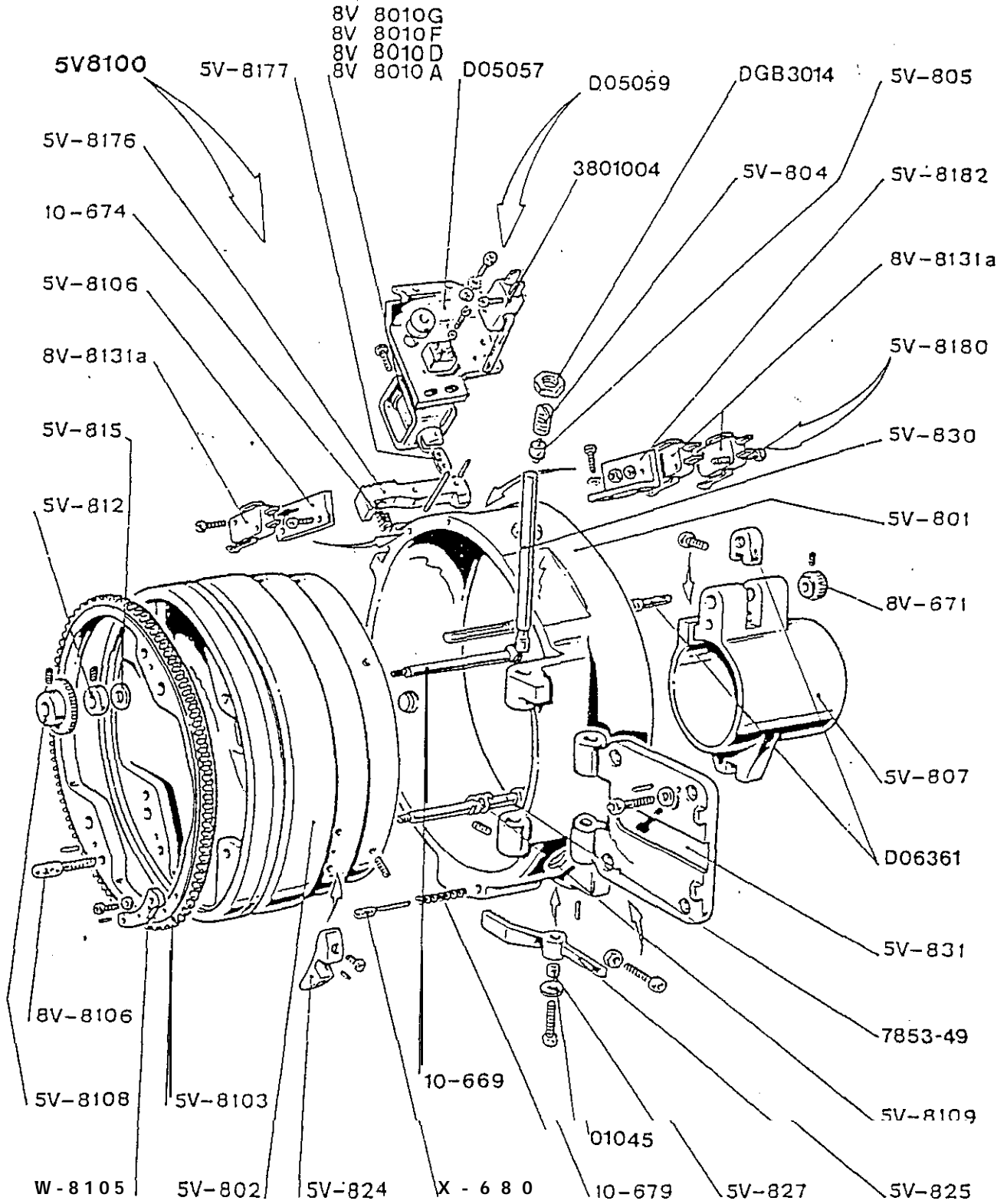


FIG.21

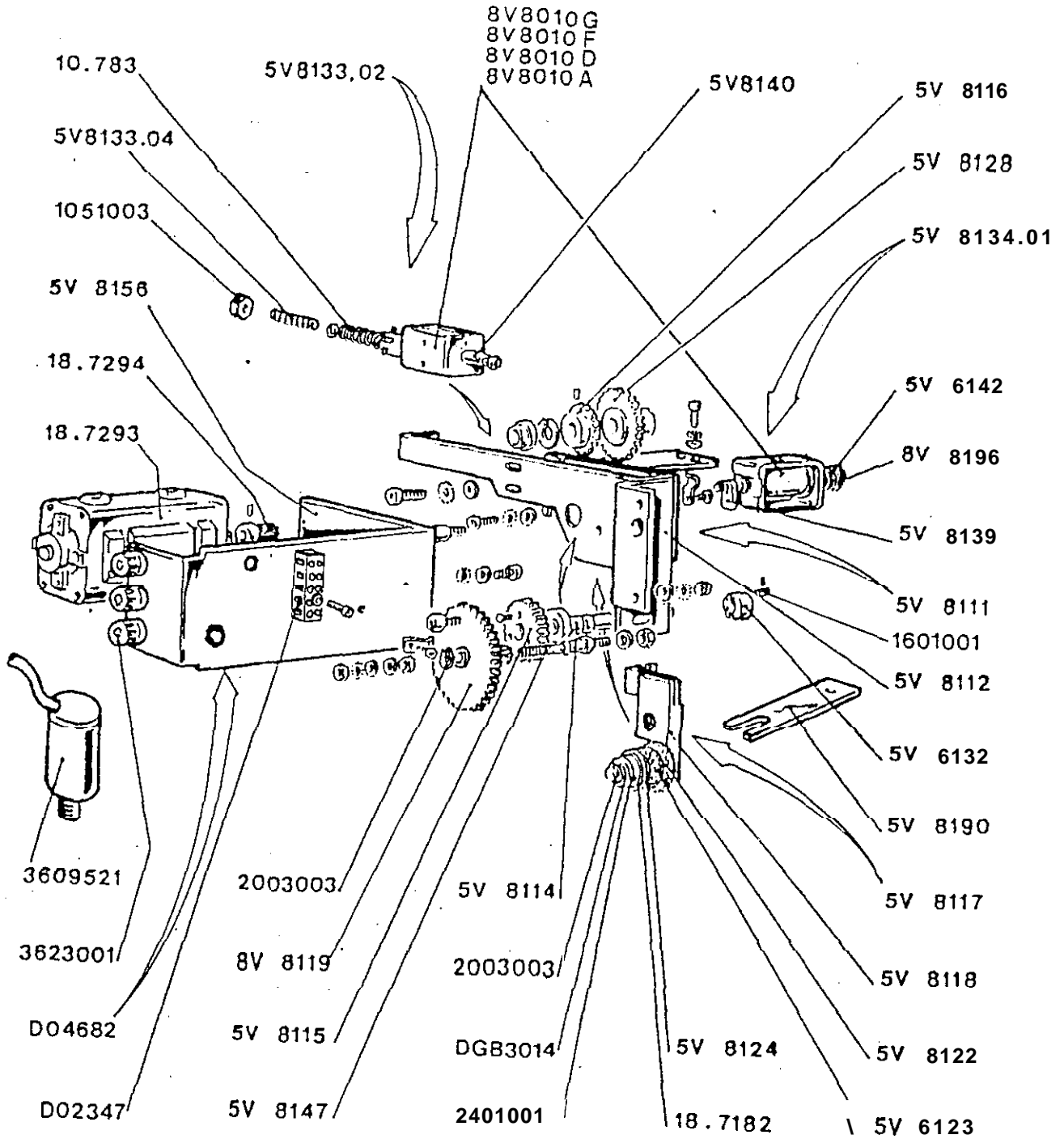


FIG.22

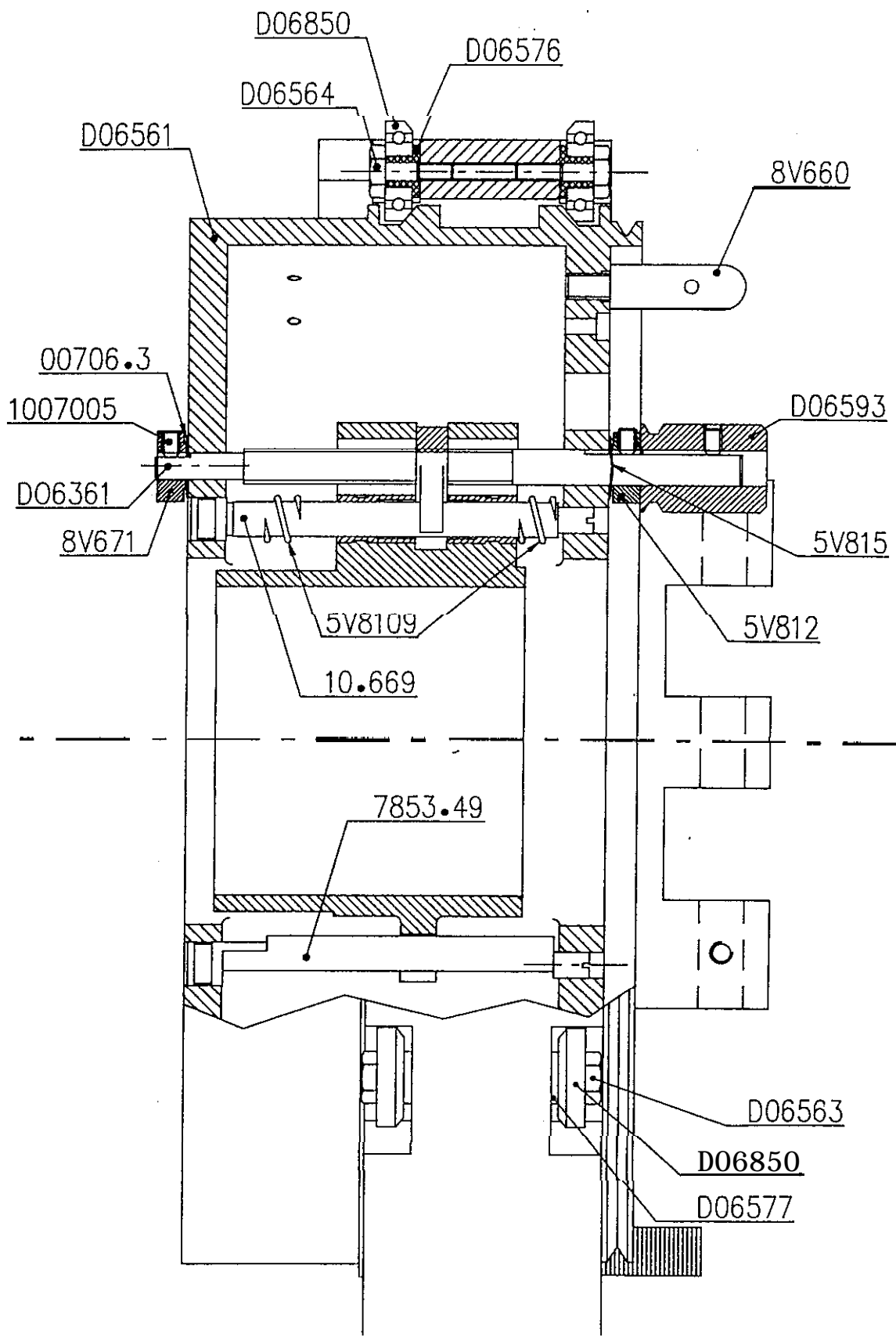


FIG. 03

1001013
1051003

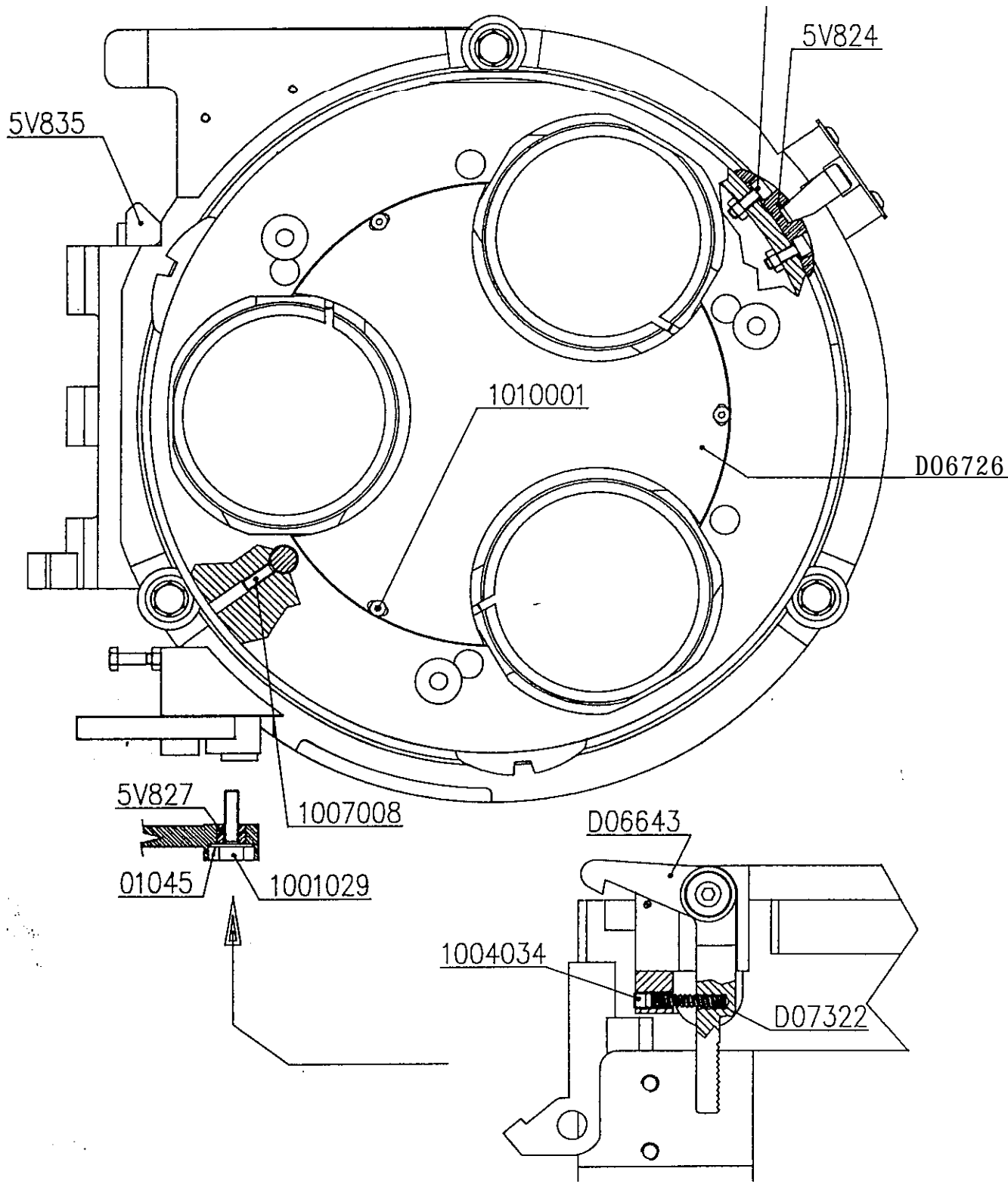


FIG.02

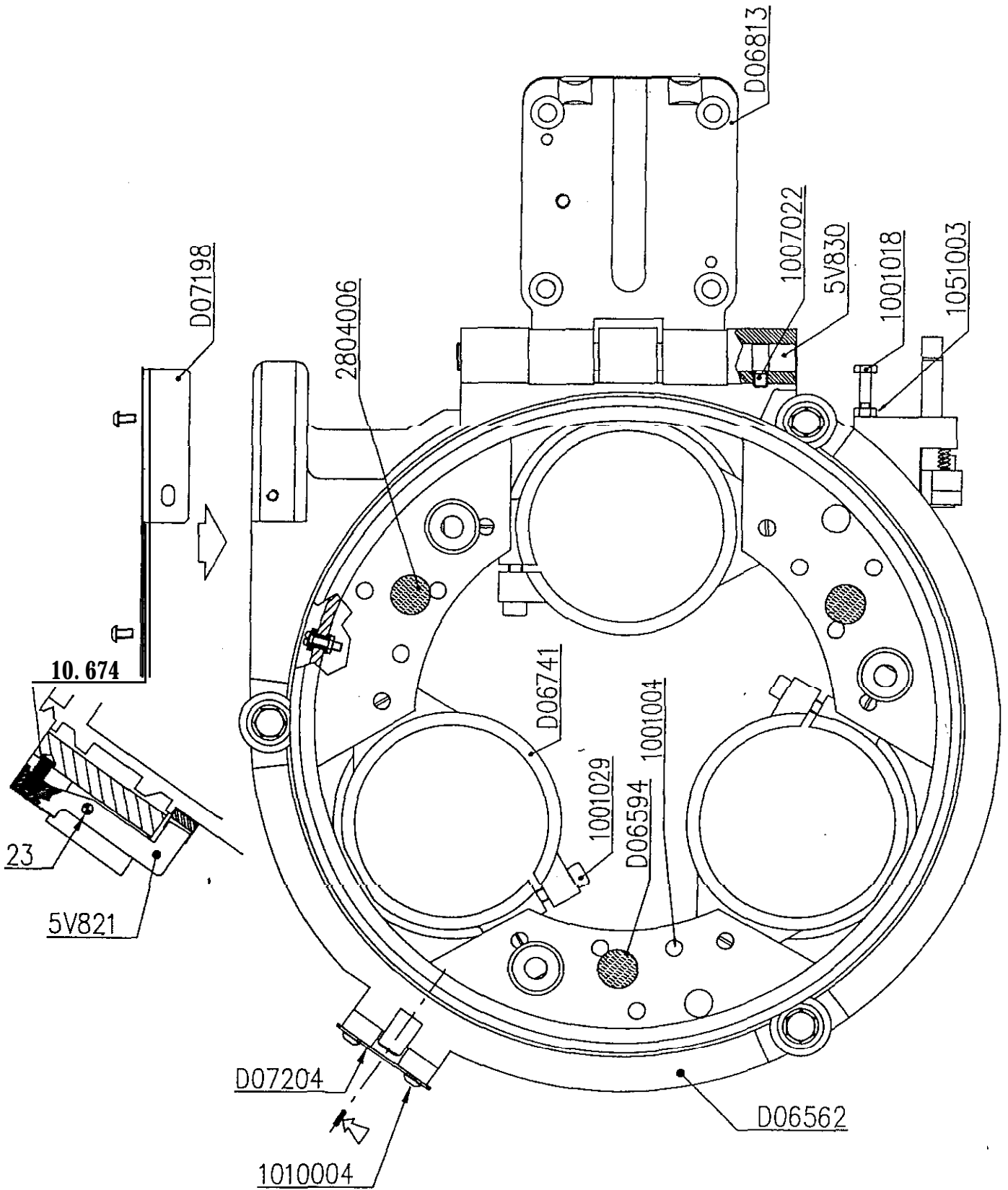
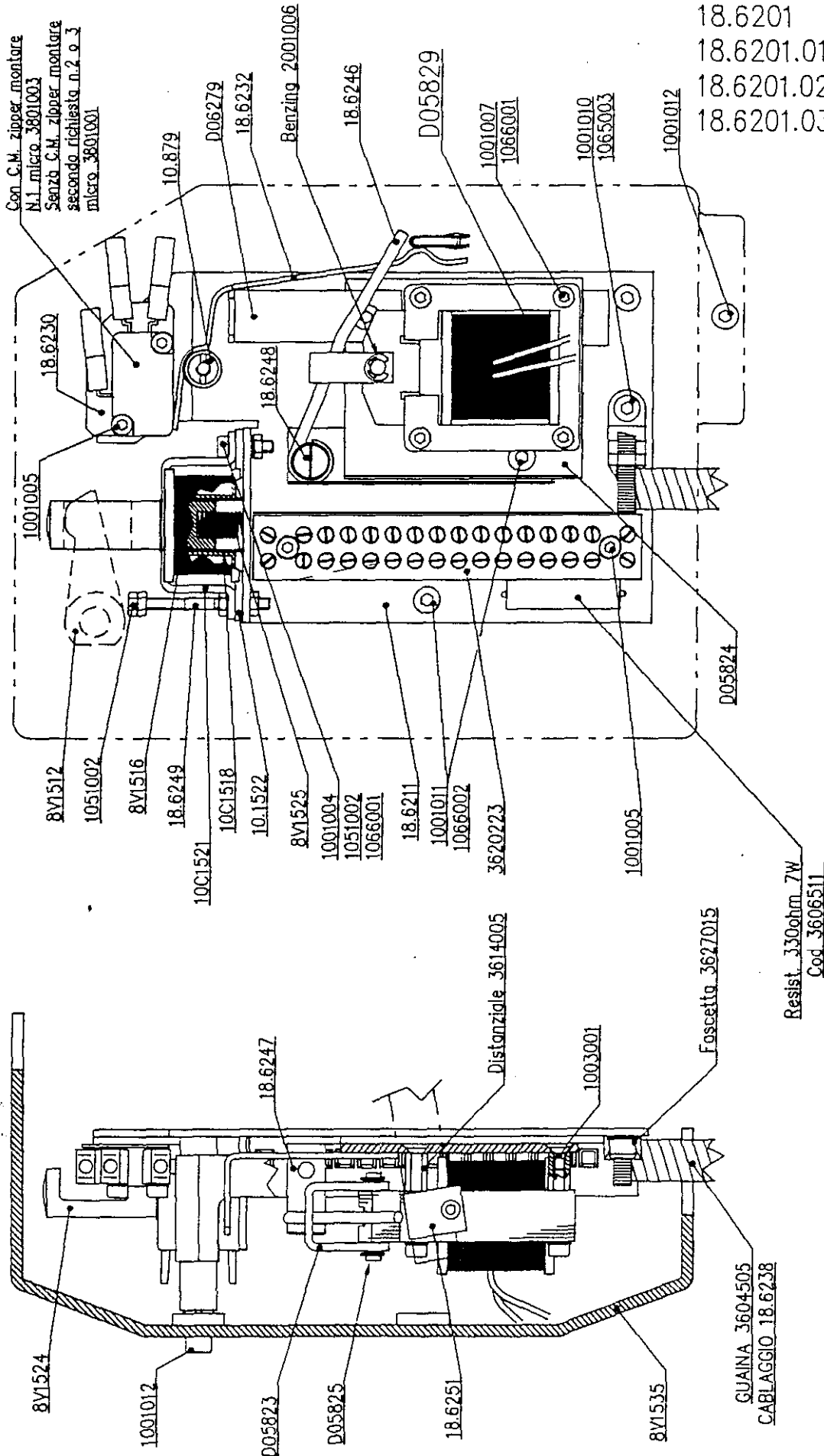


FIG.01

COMANDO SCHERMO DI SICUREZZA



18.6201	220V	50Hz
18.6201.01	120V	60Hz
18.6201.02	208V	60Hz
18.6201.03	220v	60Hz

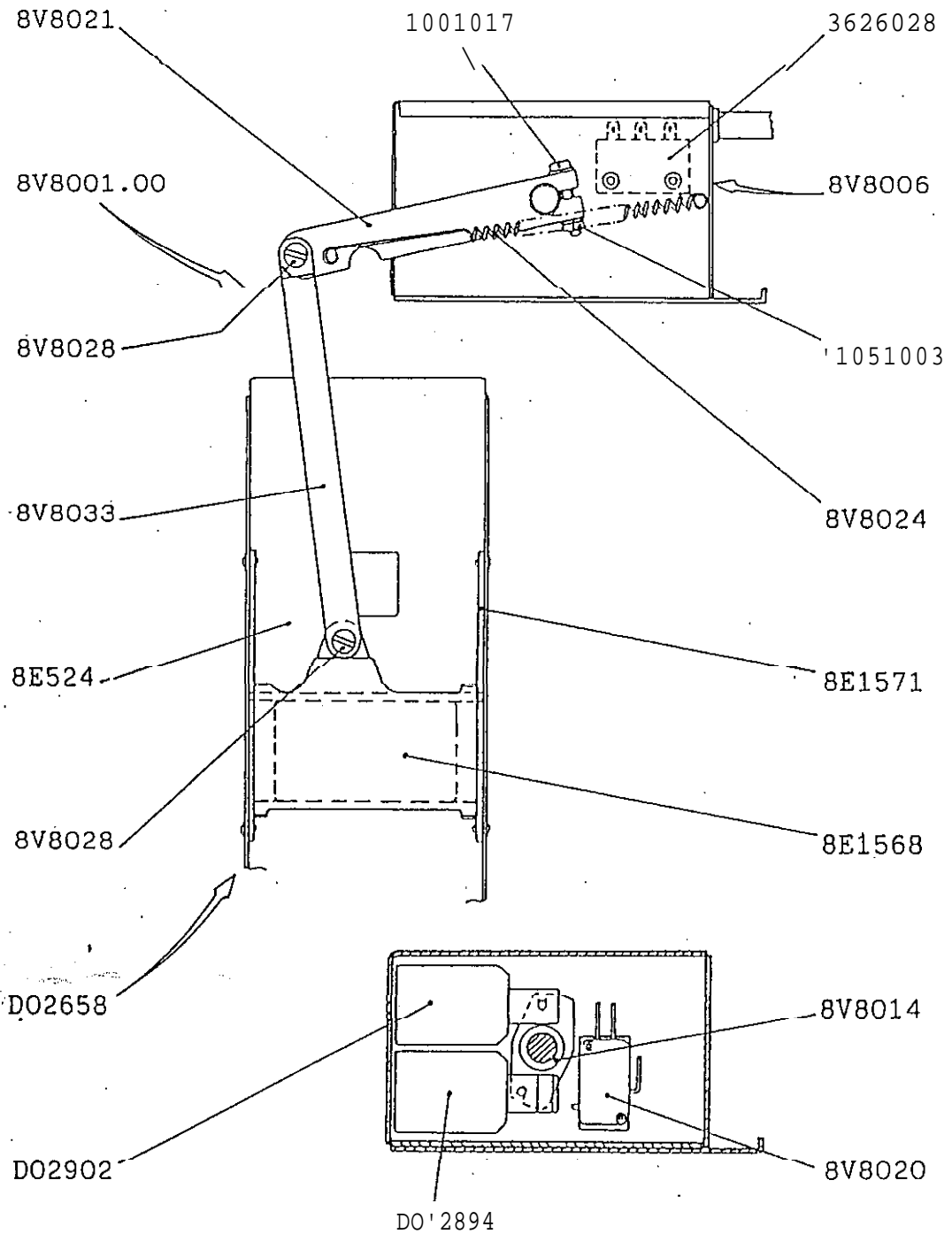


FIG. 40

vedi retro - tourner s.v.p. - please turn over

FIG. 40 - COMANDO CAMBIO MACCHINA TIPO ZIPPER (DAL N°83539)

8V8001 .00 - Comando cambio macchina compl. di schermo segur. (prec. V-HZ)
 8V8006 - Scatola cambio macchina completa senza schermo di segur. (prec. V-HZ)
 8V8014 - Camma comando leva completa
 8V8020 - Microinterruttore
 8V8021 - Leva comando schermo di sicurezza
 8V8024 - Molla scatto
 8V8028 - Vite a colletto
 8V8033 - Asta comando schermo di sicurezza
 8E524 - Condotto aria
 8E1568 - Schermo di sicurezza
 8E1571 - Guida schermo di sicurezza
 002658 - Schermo di sicurezza completo
 D02894 - Elettromagnete con nucleo, spina e piastrina (prec. V-HZ)
 002902 - Elettromagnete con nucleo e spina (prec. V-HZ)
 1001017 - Vite M4x20 UNI 5931
 1051003 - Dado M4 UNI 5588
 3626028 - Ancoraggio 3 vie

FIG. 40 - COMMANDE CHANGE MACHINE TYPE ZIPPER (DU N°83539)

8V8001 .00 - Commande change machine complète de volet sécurité (préciser V-HZ)
 8V8006 - Boîité change machine complète sans volet sécurité (préciser V-HZ)
 8V8014 - Came de commande levier complète
 8V8020 - Microinterrupteur
 8V8021 - Levier commande volet sécurité
 8V8024 - Ressort de déclanchement
 8V8028 - Vis à collet
 8V8033 - Tige de commande volet de sécurité
 8E524 - Conduit d'air
 8E1568 - Volet de sécurité
 8E1571 - Guide pour volet de sécurité
 002658 - Valet de sécurité complete
 D02894 - Electro-aimant avec noyau, goupille et plaquette (préciser V-HZ)
 D02902 - Electro-aimant avec noyau et goupille (préciser V-HZ)
 1001017 - " i s M4x20 UNI 5931
 1051003 - Ecrou M4 UNI 5588
 3626028 - Barrette de connexion 3 vie

FIG. 40 - *ZIPPER TYPE CHANGEOVER CONTROL (FROM N°83539)

8V8001 .00 - Changeover control complete with safety dowser (V-HZ specify)
 8V8006 - Changeover mechanism box less safety dowser (V-HZ specify)
 8V8014 - Lever control cam
 8V8020 - Microswitch
 8V8021 - Safety dowser control lever
 8V8024 - Release spring
 8V8028 - Collar screw
 8V8033 - Safety dowser control rod
 8E524 - Air duct
 8E1568 - Safety dowser
 8E1571 - Safety dowser guide
 D02658 - Safety dowser complete
 D02894 - Electromagnet with core pin and bracket (V-HZ specify)
 D02902 - Electromagnet with core and pin (V-HZ specify)
 1001017 - Screw M4x20 UNI 5931
 1051003 - Nut M4 UNI 5588
 3625028 - 3-way terminal board

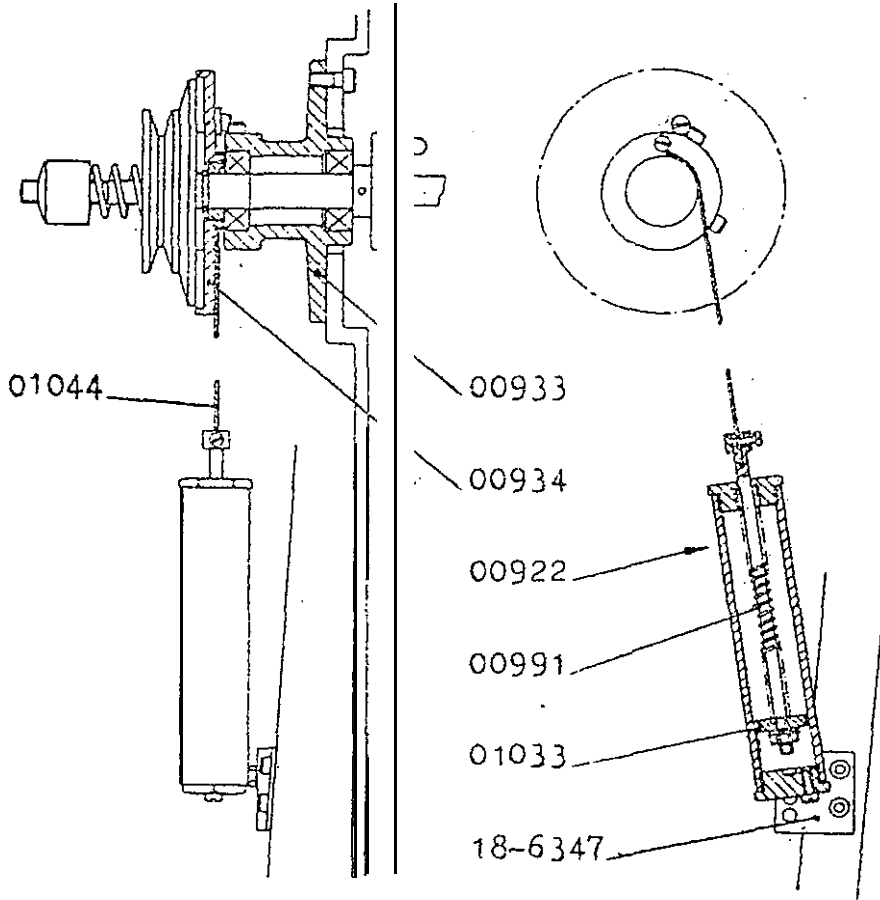


FIG. 22

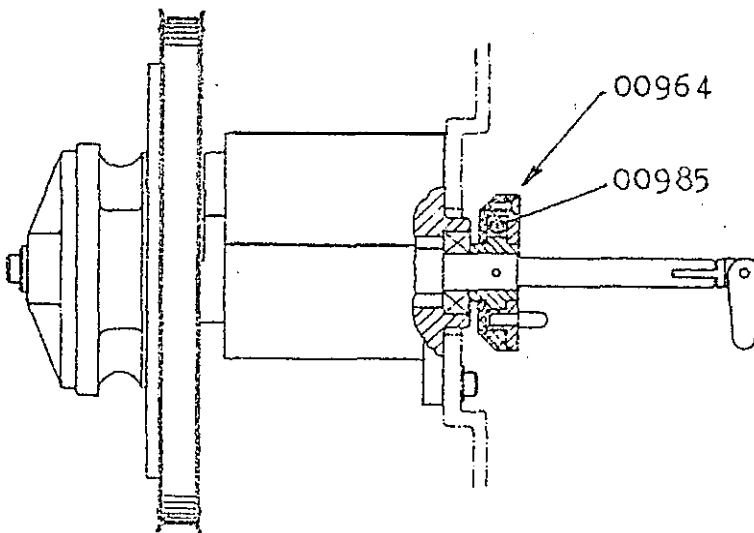


FIG. 23

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

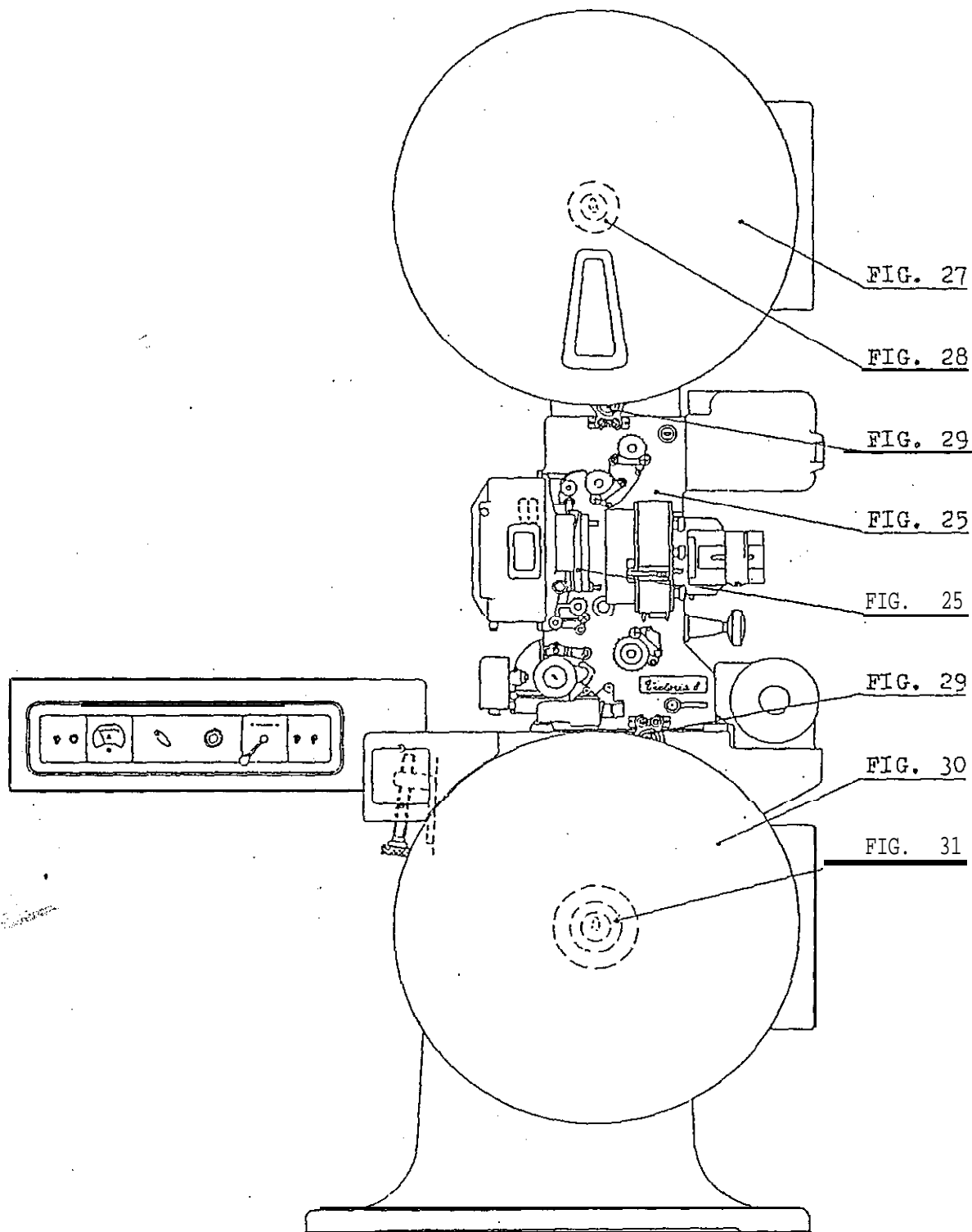
00964 - Tendifilm inferiore completo
00985 - Molla tendifilm

FIG. 23 - TENDEUR DU FILM INFÉRIEUR

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



VICTORIA 8 – FOR 70/35TYPE ONLY

- FIG. 25 — PROJECTOR (operating side)
- FIG. 26 — GATE BRACKET AND GATE FRAME
- FIG. 27 — TOP SPOOL BOX, TOP AND BOTTOM FIRETRAPS
- FIG. 28 — TOP CLUTCH
- FIG. 29 — FIRETRAPS
- FIG. 30 — BOTTOM SPOOL-BOX
- FIG. 31 — TAKE-UP

The letter Z indicates a gear, figures show number of teeth.

PLEASE ALWAYS , WHEN ORDERING SPARES, QUOTE THE SERIAL NUMBER OF THE PROJECTOR.

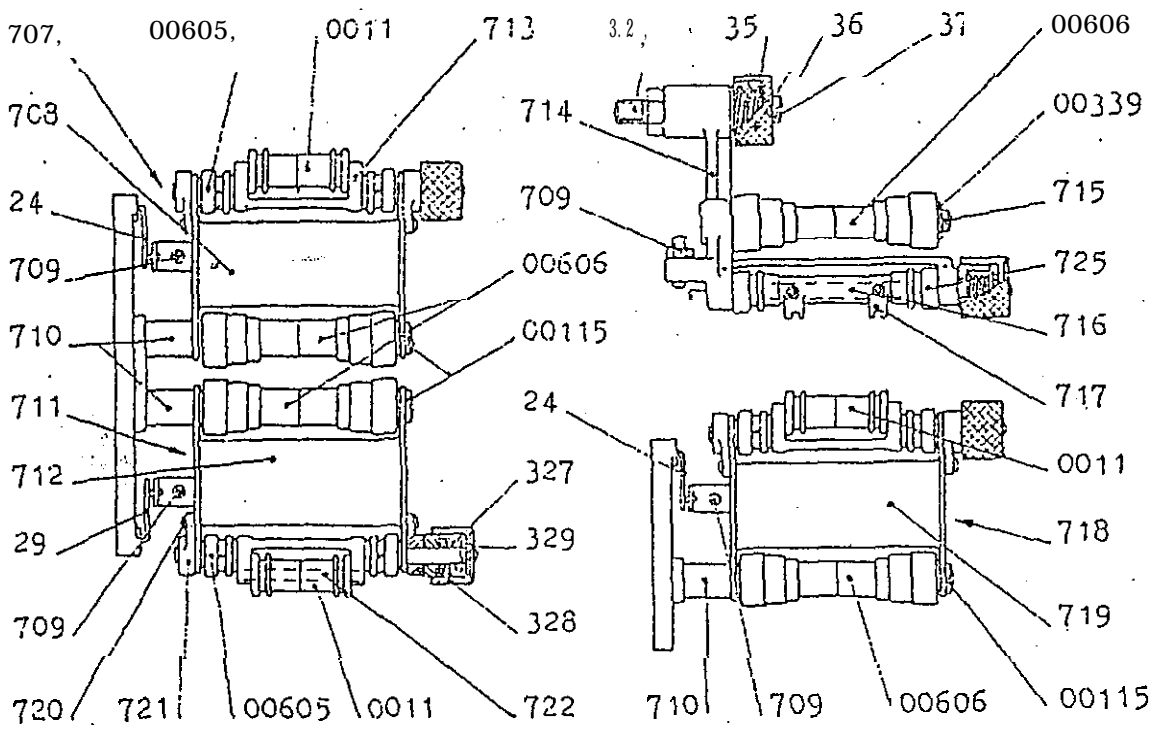
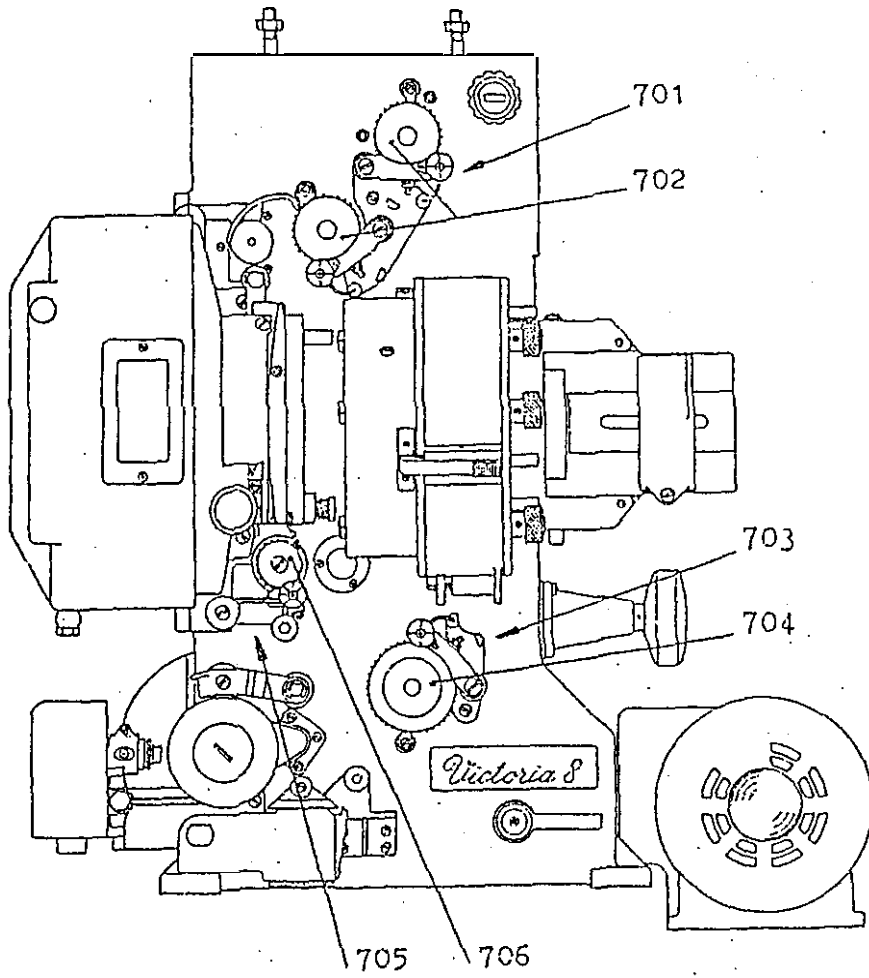


FIG. 25

FIG. 25 - PROJECTOR (operating side)

- 0011 - Grooved roller (15mm O.D.)
- 00115 - Roller arm locking screw
- 00339 - Circlip securing rollers (8mm I.D.)
- °°00605 - Grooved roller (14,5mm O.D.)
- °°00606 - Plain roller (19mm O.D.)
- 24 - Pressure spring for top and Bottom sprocket roller arm
- 29 - Pressure spring for intermediate sprocket roller arm
- 32 - Intermediate sprocket roller arm spindle assembly
- 35 - Intermediate sprocket roller arm spring
- 36 - Spring setting bush for the intermittent sprocket roller assembly
- 37 - Screw for bush
- 327 - Sprocket roller arm knob spring
- 328 - Sprocket roller arm knob
- 329 - Sprocket roller arm knob cover indicator
- °°701 - Top and intermediate sprocket roller arm assembly complete with mounting plate
- °°702 - Top and intermediate sprocket, 30-24 teeth (146)
- °°703 - Bottom sprocket roller arm assembly complete with mounting plate,
- °°704 - Bottom sprocket, 40-32 teeth (108)
- °°705 - Intermittent sprocket roller arm assembly complete with mounting plate.
- °°706 - Intermittent sprocket, 20-16 teeth (424)
- °°707 - Top sprocket roller arm assembly
- °°708 - Top sprocket roller arm only
- °°709 - Sprocket roller arm setting screw
- °°710 - Roller arm support spindle
- °°711 - Intermediate sprocket roller arm assembly
- °°712 - Intermediate sprocket roller arm only
- °°713 - Roller eccentric shaft
- °°714 - Intermittent sprocket roller arm only
- °°715 - Spindle for plain roller 00606
- °°716 - 35mm film guide shaft
- °°717 - 35mm film guide
- °°718 - Bottom sprocket roller arm assembly
- °°719 - *Bottom sprocket roller arm only
- °°720 - Sprocket arm bush retaining screw
- °°721 - Sprocket arm bush
- °°722 - Spindle for grooved roller 0011
- °°724 - Steel intermittent sprocket, 20 teeth (425)
- °°725 - Grooved roller (14,8mm O.D.)

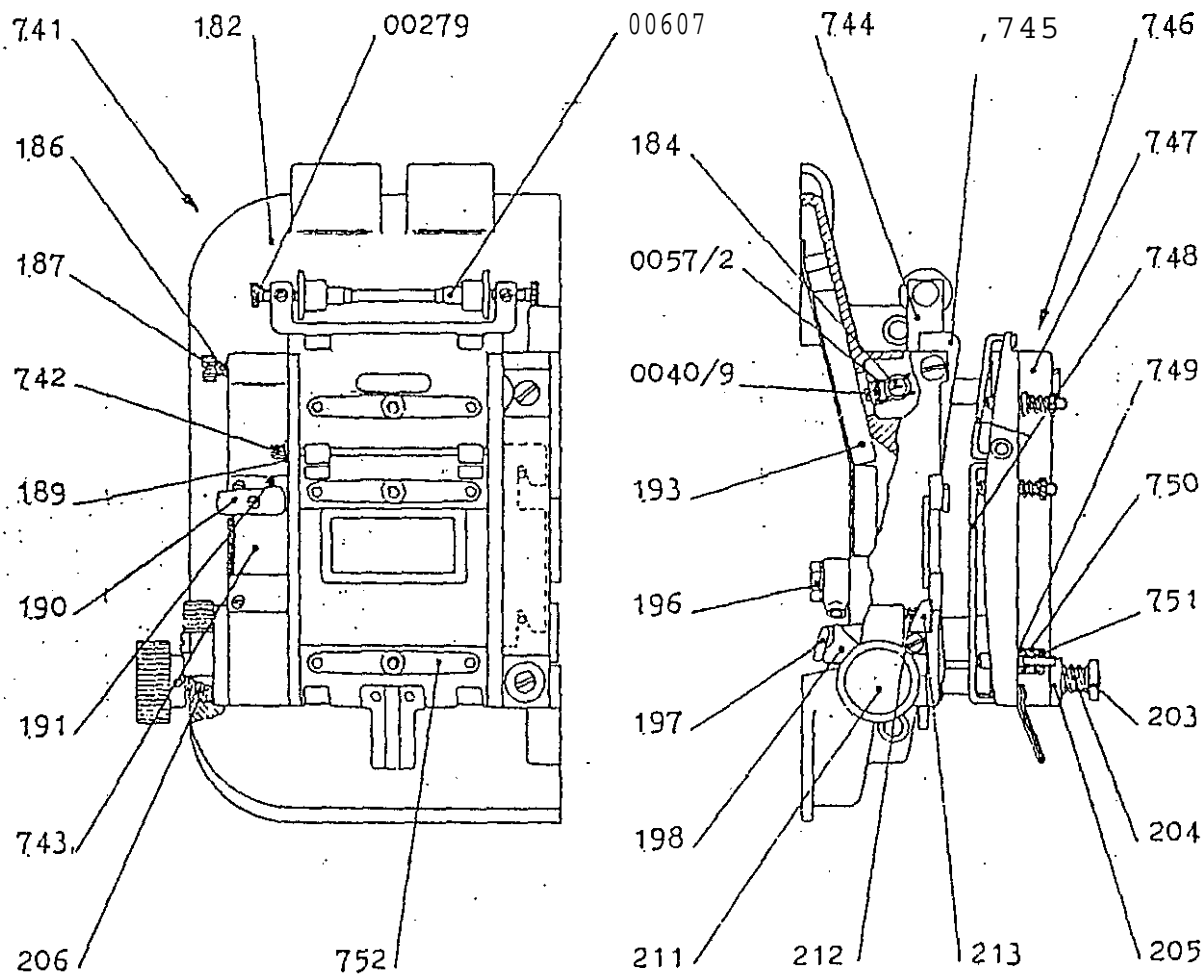


FIG. 26

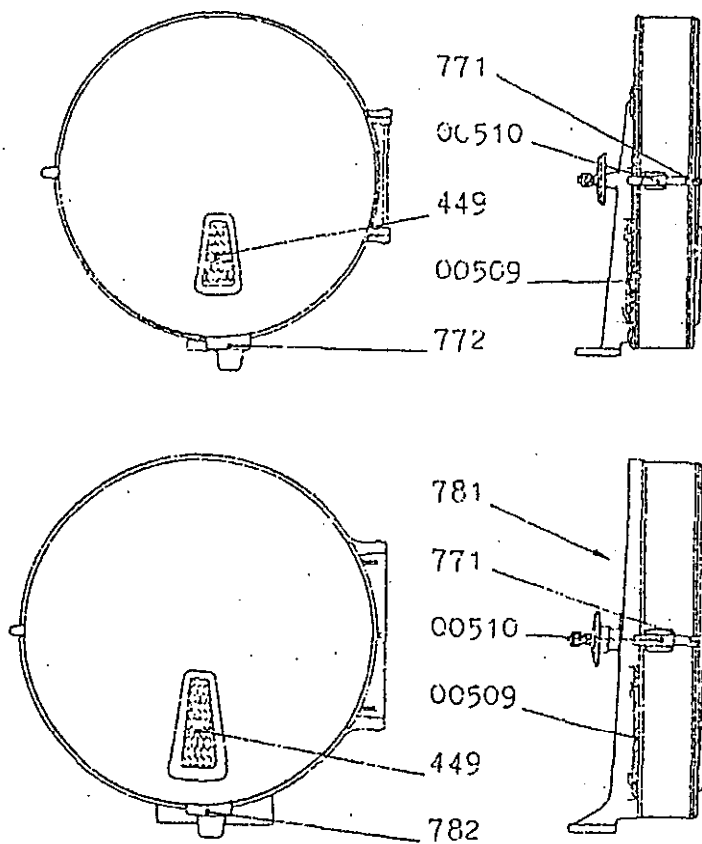


FIG. 27

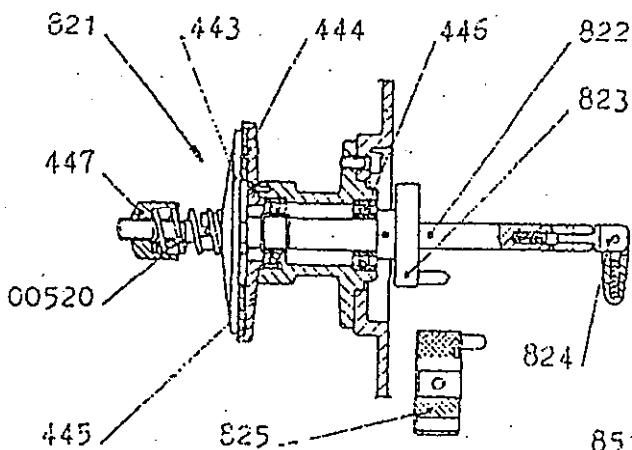


FIG. 28

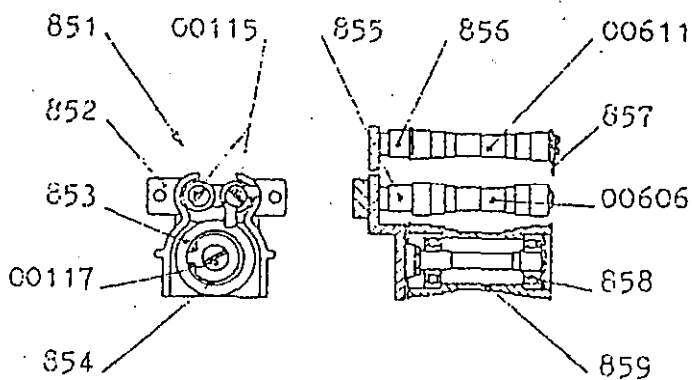


FIG. 29

FIG. 27 - TOP SPOOL-BOX, TOP AND BOTTOM-FIRETRAPS
(till serial number 8425)

- 00509 - Inspection window, rear
- 00510 - Spool-box catch bracket with spring
- 449 - Inspection window, front
- °°771 - Spool-box catch
- °°772 - Cover for top firetrap

FIG. 27 - TOP SPOOL-BOX
(from serial number 8426)

- 00509 - Inspection window, rear
- 00510 - Spool-box catch bracket with spring
- 449 - Inspection window, front
- °°771 - Spool-box catch
- °°781 - Top spool-box complete, less clutch and shaft
- °°782 - Cover for top firetrap

FIG. 28 - TOP CLUTCH

- 00520 - Clutch spring
- 443 - Clutch pressure plate
- 444 - Clutch insert (felt)
- 445 - Clutch disc, fixed
- 446 - Ball race
- 447 - Clutch spring tension nut
- °°821 - Clutch and shaft complete
- °°822 - Spool spindle with driving collar 12,7mm diameter
- °°823 - Spool drive collar
- °°824 - Double sneck assembly
- "825 - 35mm spool spacer

-FIG. 29 - FIRETRAPS

- 00115 - Small roller securing screws
- 00117 - Large roller securing ^{screw}
- °°00606 - Plain roller (19mm O.D.)
- "00611 - Flanged roller (18,5mm O.D.)
- °°851 - Top and bottom firetrap assembly complete
- °°852 - Firetrap frame only
- °°853 - Large roller without ball race
- °°854 - Circlip for large roller (30mm O.D.)
- °°855 - Spindle for plain roller 00606
- °°856 - Spindle *for* flanged roller 00611
- "857 - Firetraps safety plate
- °°858 - Ball race
- °°859 - Large roller spindle

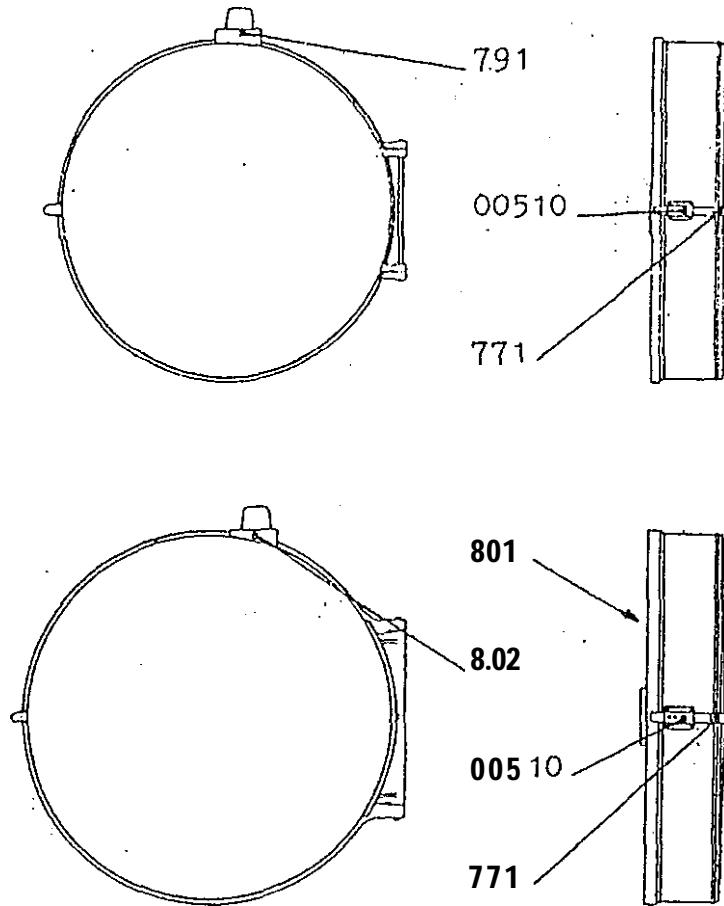


FIG. 30

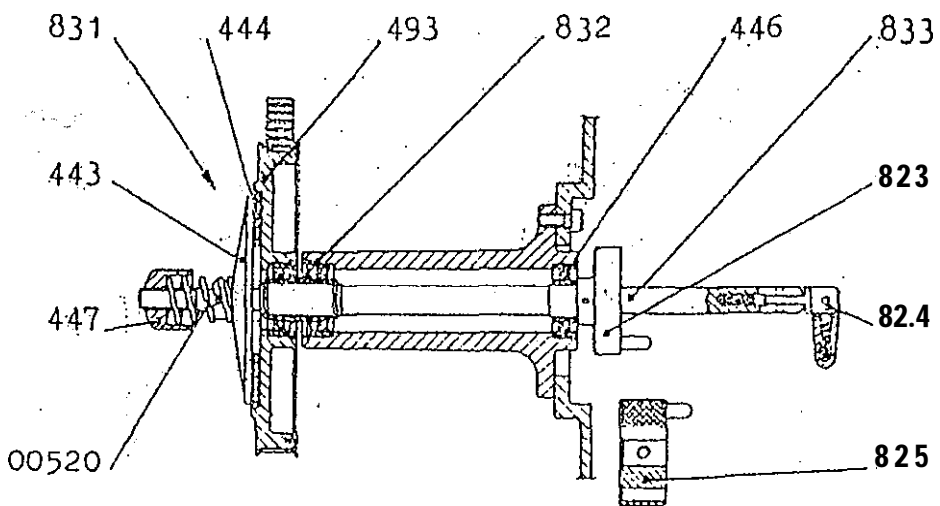


FIG. 31

FIG. 30 - BOTTOM SPOOL-BOX
(till serial number 8425)

- 00510 - Spool box catch bracket with spring
- °°771 - Spool box catch
- °°791 - Cover for bottom fire-trap

FIG. 30 - BOTTOM SPOOL-BOX
(from serial number 8426)

- 00510 - Spool box catch bracket with spring
- °°771 - Spool box catch
- °°801 - Bottom spool box complete, less clutch and shaft
- °°802 - Cover for bottom firetrap

FIG.31 - TAKE-UP

- 00520 - Clutch spring
- 443 - Clutch pressure plate
- 444 - Clutch insert (felt).
- 446 - Ball race
- 447 - Clutch spring tension nut
- 493 - Take-up toothed pulley
- °°823 - Spool drive collar
- °°824 - Double snak assembly
- °°825 - 35mm spools spacer
- °°831 - Take-up assembly complete
- °°832 - Bush
- °°833 - Spool spindle with driving collar, 12,7mm