

# Film-Tech

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These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

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V I C T O R I A 9

Spare Parts  
Catalogue

V I C T O R I A 9

- FIG. 1 - PROJECTOR MAIN CASTING
- FIG. 2 - GEAR TRAIN
- FIG. 3 - ROLLER ARMS - ROLLERS
- FIG. 4 - INTERMITTENT UNIT
- FIG. 5 - OPTICAL SOUNDHEAD
- FIG. 6 - LUBRICATION PUMP ASSEMBLY
- FIG. 7 - SHUTTER ASSEMBLY
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- FIG. 9 - THREE-LENS TURRET
- FIG. 10 - SINGLE LENS HOLDER
- FIG. 11 - ANAMORPHIC LENS HOLDER

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

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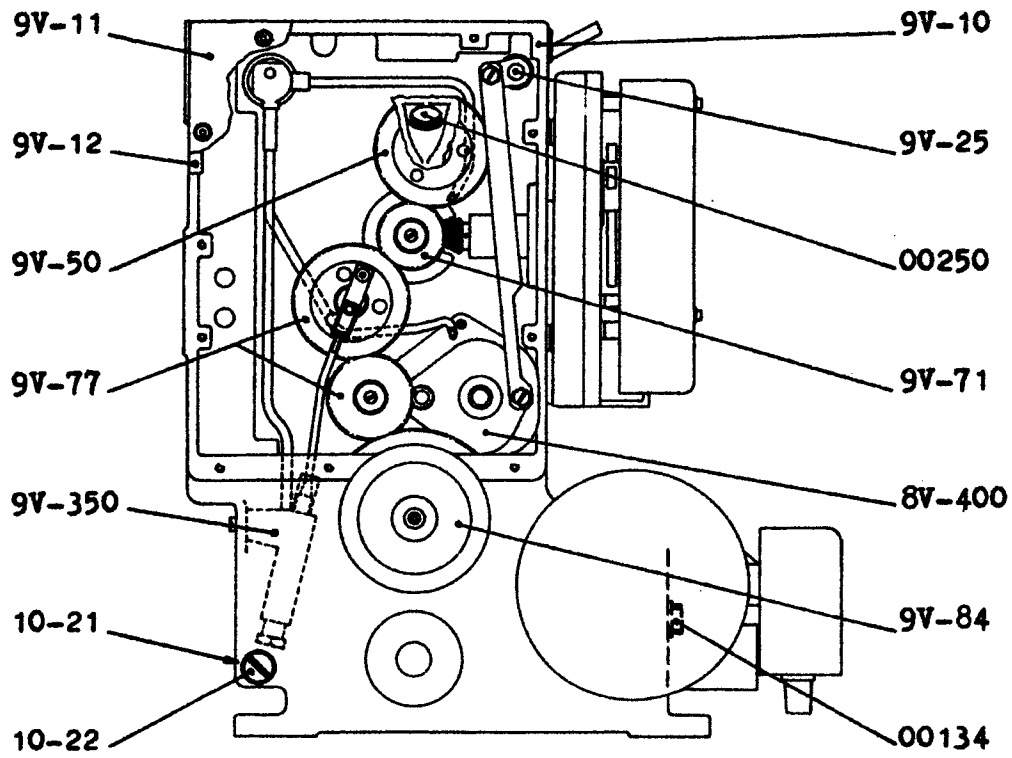
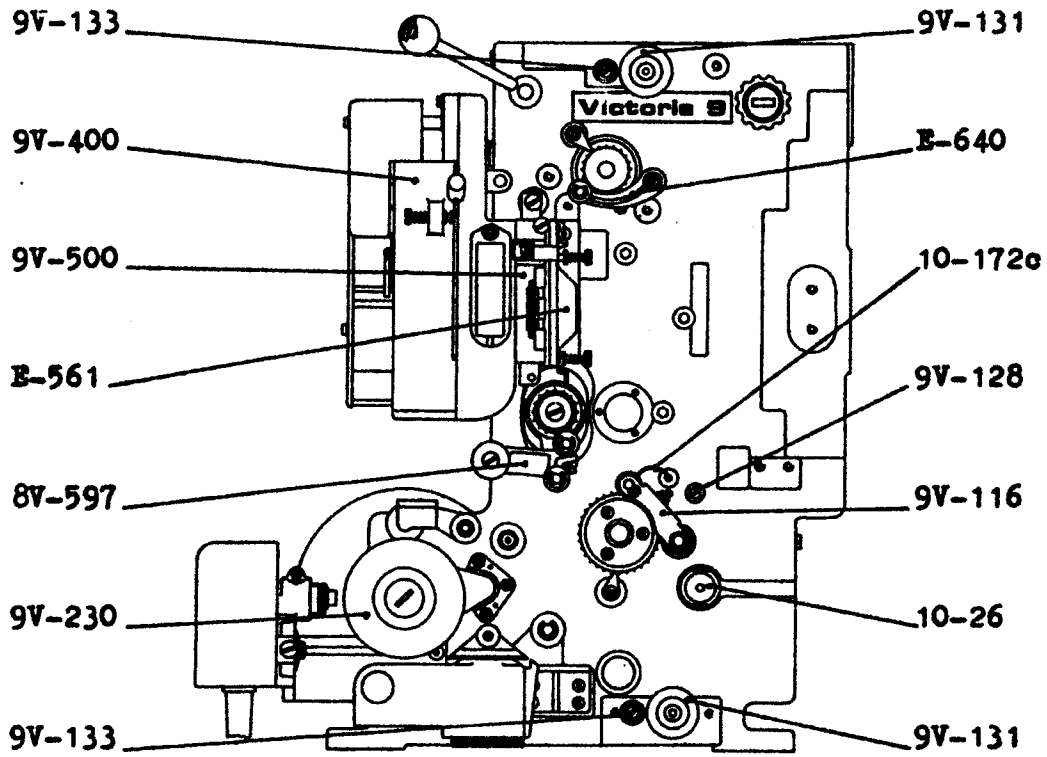


FIG. 1

FIG. 1 - PROJECTOR MAIN CASTING

- 00134 - Fixed cell connector
- 00250 - Oil filler plug with gasket
- 9V-10 - Projector main casting
- 9V-11 - Main casting back cover
- 9V-12 - Main casting back cover gasket
- 9V-25 - Framing assembly
- 9V-50 - Upper sprocket drive assembly
- 9V-71 - Double gear assembly
- 9V-77 - Intermediate and lower idle gear assembly
- 9V-84 - Lower sprocket drive assembly
- 9V-116 - Lower sprocket roller arm assembly
- 9V-128 - Roller arm stop rod
- 9V-131 - Spindle complete with flanged roller
- 9V-133 - Spindle complete with rollers
- 9V-230 - Complete optical soundhead
- 9V-350 - Lubrication pump assembly
- 9V-400 - Shutter complete with box and cover
- 9V-500 - Gate bracket assembly
- 10-21 - Oil draining tube
- 10-22 - Oil draining plug with gasket
- 10-26 - Oil sight window
- 10-172c - Lower roller arm spring
- 8V-400 - Intermittent unit
- 8V-597 - Intermittent sprocket roller arm assembly
- E-561 - Gate frame assembly
- E-640 - Upper sprocket roller arm assembly

FIG. 2 - GEAR TRAIN

003	- 20 tooth upper sprocket
005C	- 32 tooth lower sprocket
00258	- Washer for 32 tooth sprocket hub
00736	- Ball bearing
00801	- Ball bearing
00815	- Seal ring
00859	- Seal ring
01023	- Spring ring
01024	- Spring ring
9V-25	- Framing assembly
9V-26	- Framing rod
9V-29	- Framing shaft
9V-32	- Framing moving lever
9V-50	- Upper sprocket assembly
9V-52	- Sprocket spacer
9V-53	- Upper sprocket shaft
9V-58	- 65 tooth upper sprocket gear assembly
9V-71	- Double gear assembly
9V-72	- Double gear spindle
9V-73	- Double gear
9V-77	- Intermediate and lower idle gear assembly
9V-78	- Intermediate gear spindle
9V-78a	- Idle gear spindle
9V-79	- Intermediate gear assembly
9V-82	- Lower idle gear
9V-84	- Lower sprocket assembly
9V-91	- Lower sprocket shaft
9V-93	- Lower gear assembly
9V-95a	- Shock absorber hub
9V-96	- Take-up drive pulley
9V-99	- Sprocket drive pulley (please specify frequency)
10-34	- Stripper
10-102	- Sprocket spacer
10-107	- 32 tooth sprocket hub
10-380	- Lever knob
8V-84	- Shock absorber spring
8V-7417	- Gear washer
E-88	- Stripper stud
E-111	- Framing lever
E-144	- Framing rod screw
12-3653	- Circlip type UNI 3653 - 12mm dia.
15-3653	- Circlip type UNI 3653 - 15mm dia.
26-3653	- Circlip type UNI 3653 - 26mm dia.
32-3654	- Circlip type UNI 3654 - 32mm dia.
35-3654	- Circlip type UNI 3654 - 35mm dia.

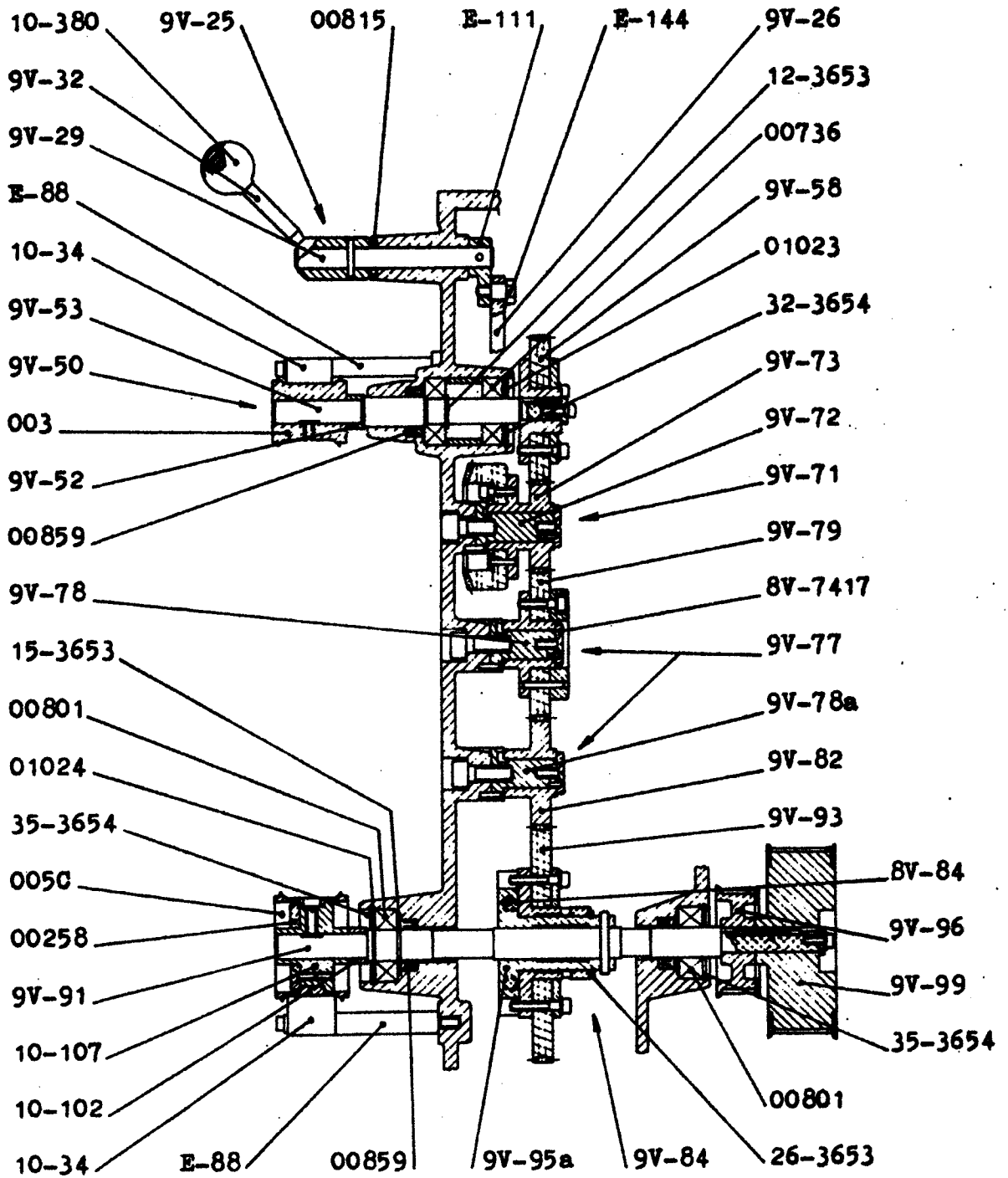


FIG. 2



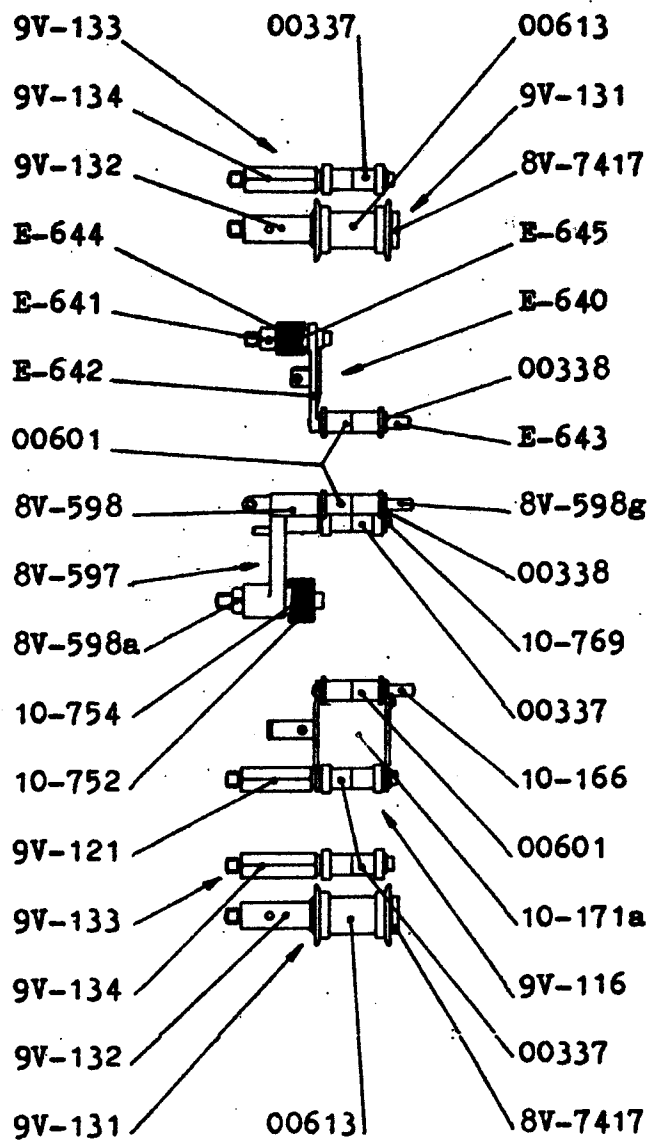


FIG. 3

FIG. 3 - ROLLER ARMS - ROLLERS

00337 - Roller - 15mm o.d. - 6mm i.d.  
00338 - Roller fastening ring - 6mm dia.  
00601 - Roller - 15mm o.d. - 6mm i.d.  
00613 - Flanged roller - 33mm o.d. - 14mm i.d.  
9V-116 - Lower roller arm assembly  
9V-121 - Lower roller arm spindle  
9V-131 - Spindle complete with flanged roller  
9V-132 - Flanged roller spindle  
9V-133 - Spindle complete with rollers  
9V-134 - Roller spindle  
10-166 - Roller spindle  
10-171a - Lower roller arm (roller less)  
10-752 - Roller arm spring bush  
10-754 - Roller arm spring  
10-769 - Roller spindle  
8V-597 - Intermittent sprocket roller arm assembly  
8V-598 - Intermittent sprocket roller arm (machined casting)  
8V-598a - Spindle for intermittent sprocket roller arm  
8V-598g - Roller spindle  
8V-7417 - Washer  
E-640 - Upper roller arm assembly  
E-641 - Upper roller arm spindle  
E-642 - Upper roller arm (machined casting)  
E-643 - Roller spindle  
E-644 - Spring adjustment bush  
E-645 - Upper roller arm spring

FIG. 4 - INTERMITTENT UNIT

- 001C - 16 tooth intermittent sprocket
- 0020 - Maltese cross with cam, pin and roller
- 0024 - Screw and washer securing intermittent sprocket
- 0026 - Cam with pin and roller
- 00253 - Plug for roller adjustment
- 00254 - Oil seal
- 00255 - Washer with screw
- 8V-400 - Complete intermittent unit
- 8V-404 - Eccentric sleeve for intermittent shaft
- 8V-410 - Intermittent unit cover
- 8V-420 - Intermittent sprocket shaft
- 8V-430 - Flywheel with cam, shaft and pinion
- 8V-444 - 13 tooth cam pinion
- 8V-449 - Cap
- 8V-450 - Bush for intermittent unit securing screw
- 8V-464 - Clutch disc
- 8V-466 - Clutch disc spring
- 8V-469 - Bush for clutch disc spring
- 8V-470 - Roller arm stop collar
- 8V-471 - Collar spring
- 8V-472 - Collar circlip

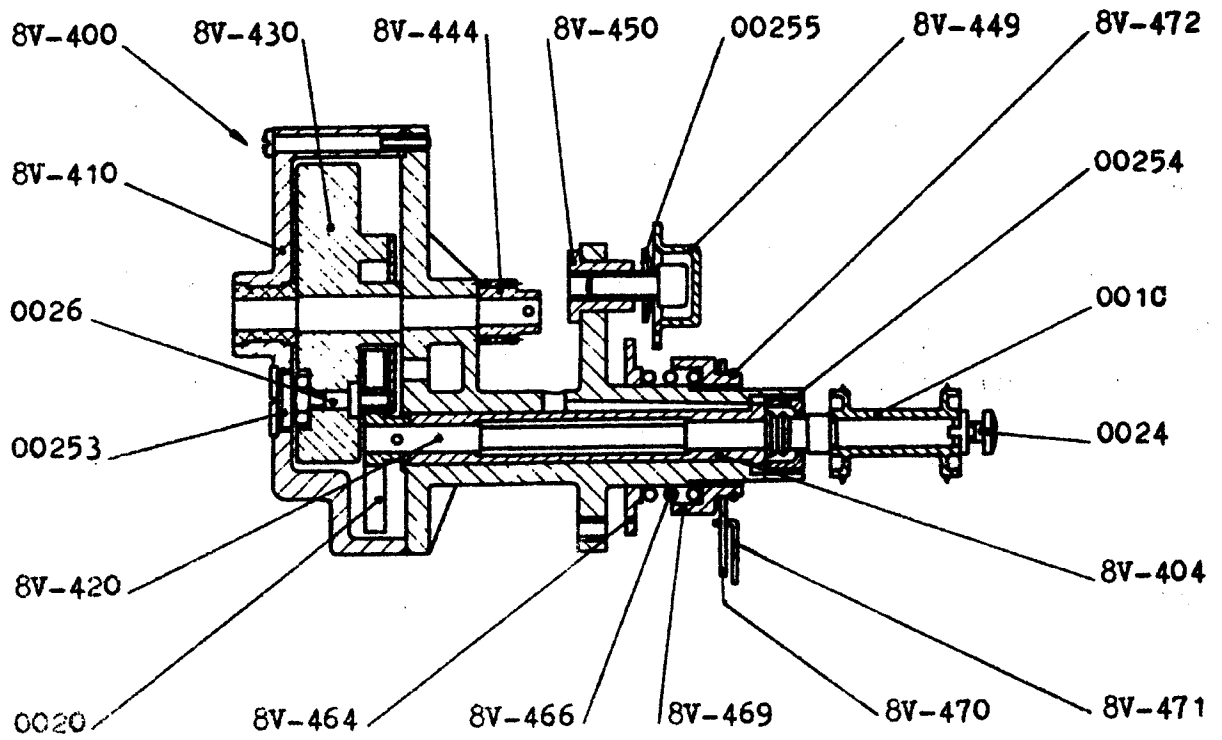


FIG. 4

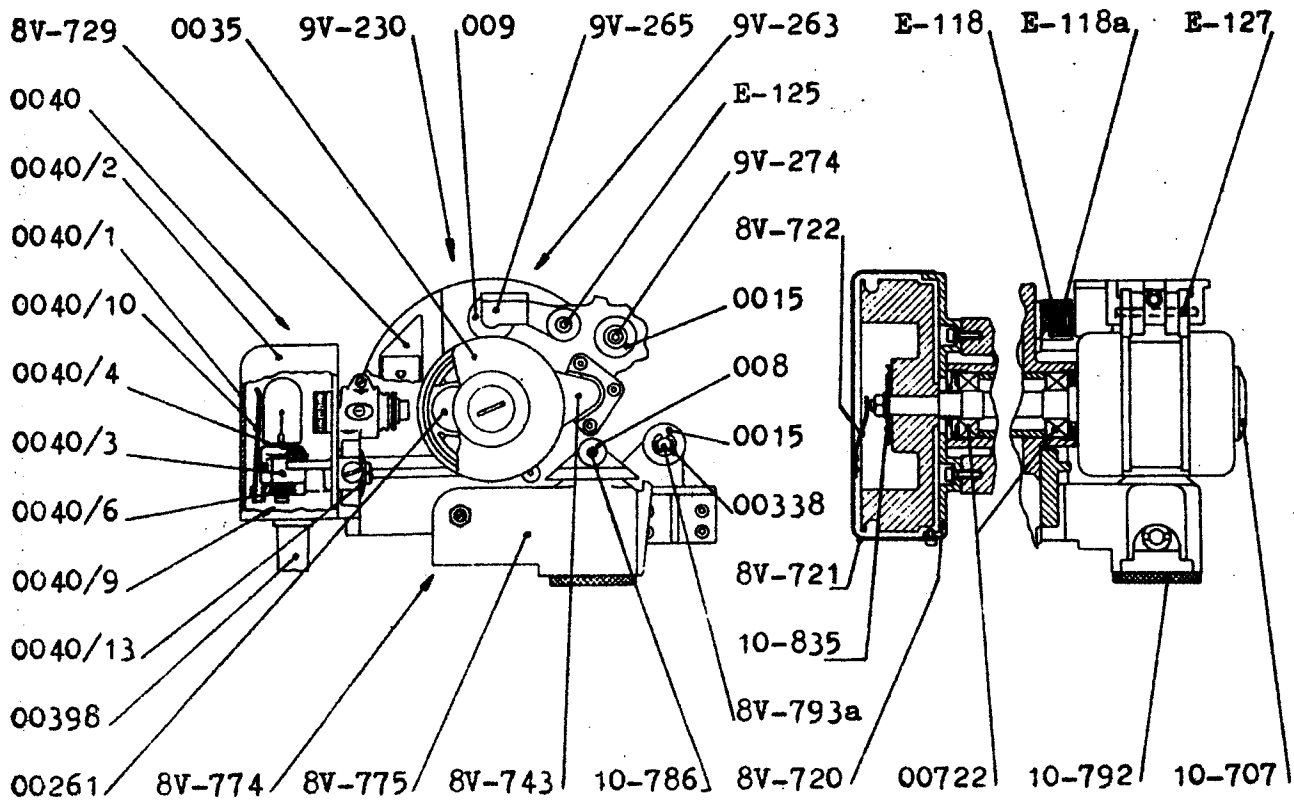


FIG. 5

FIG. 5 - OPTICAL SOUNDHEAD

008	- Roller, 15mm o.d. - 5mm i.d.
009	- Roller, 24mm o.d. - 6mm i.d.
0015	- Flanged roller
0035	- Drums with shaft and screw
0040	- Exciter lamp housing assembly
0040/1	- Exciter lamp housing (machined casting)
0040/2	- Exciter lamp housing cover
0040/3	- Exciter lamp holder with insulation
0040/4	- Exciter lamp insulating bushes and washers
0040/6	- Exciter lamp contact spring
0040/9	- Insulating bushes for part No. 0040/6
0040/10	- Exciter lamp locating spring with stud
0040/13	- Spring washer
00261	- Solar cell housing
00338	- Roller circlip, 6mm dia.
00398	- Cable protection
00722	- Ball bearing
9V-230	- Complete optical soundhead
9V-263	- Pressure roller arm assembly
9V-265	- Pressure roller arm (machined casting)
9V-274	- Flanged roller spindle
10-707	- Drum screw
10-786	- Spindle for 15 mm dia. roller
10-792	- Dashpot oil tank
10-835	- Flywheel spring washer
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-774	- Dashpot assembly
8V-775	- Dashpot (machined casting)
8V-793a	- Flanged roller spindle
E-118	- Pressure roller arm spring bush
E-118a	- Pressure roller arm spring
E-125	- Pressure roller arm spindle
E-127	- Spindle for 24mm dia. roller

FIG. 6 - LUBRICATION PUMP ASSEMBLY

- 0032 - Upper oil sight window with gasket
- 00362 - Oil filter(mesh only)
- 00865 - Oil pump without pipes and rod
- 9V-350 - Lubrication pump assembly
- 9V-353 - Oil delivery pipe
- 9V-354 - Bracket complete with spindle
- 9V-357 - Piston rod
- 9V-373 - Intermittent unit oil delivery pipe
- 9V-374 - Gear train oil delivery pipe
- 10-269 - Oil filter assembly
- 10-270 - Filter body (machined casting)
- 10-275 - Magnet
- 8V-296 - Pump rod fastener
- 5-3653 - Circlip type UNI 3653 - 5mm dia.

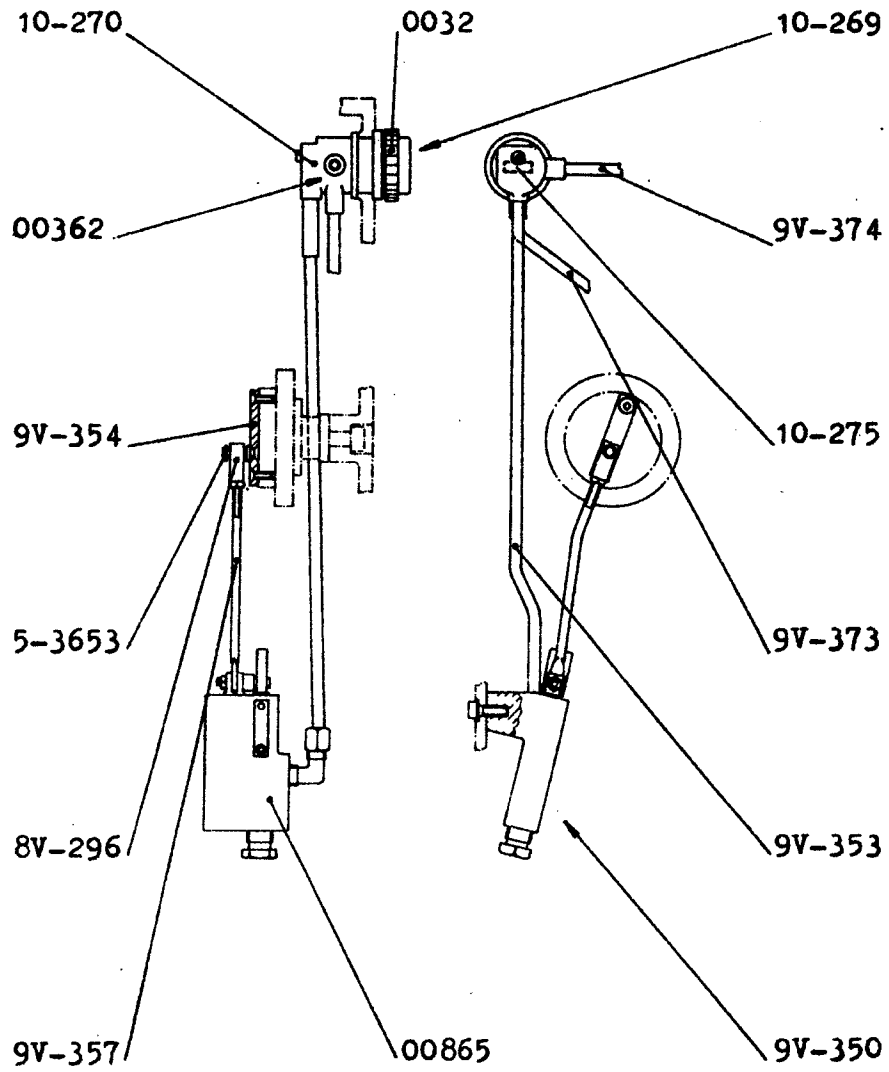


FIG. 6



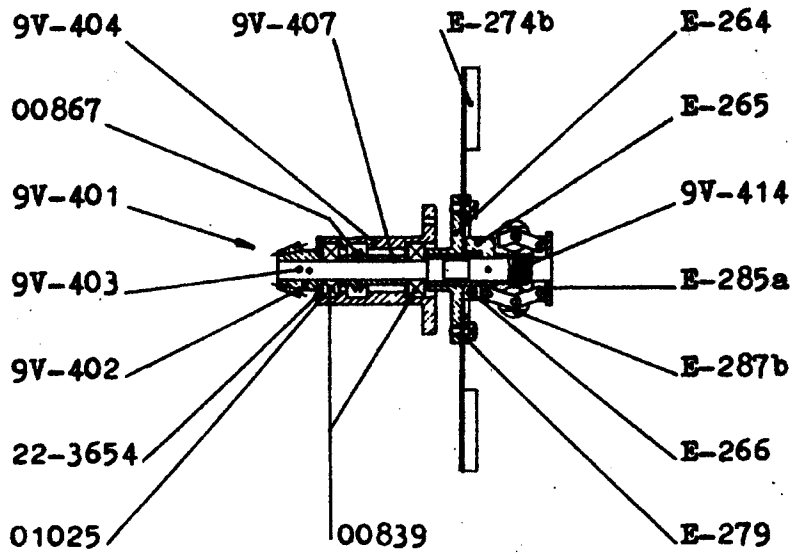
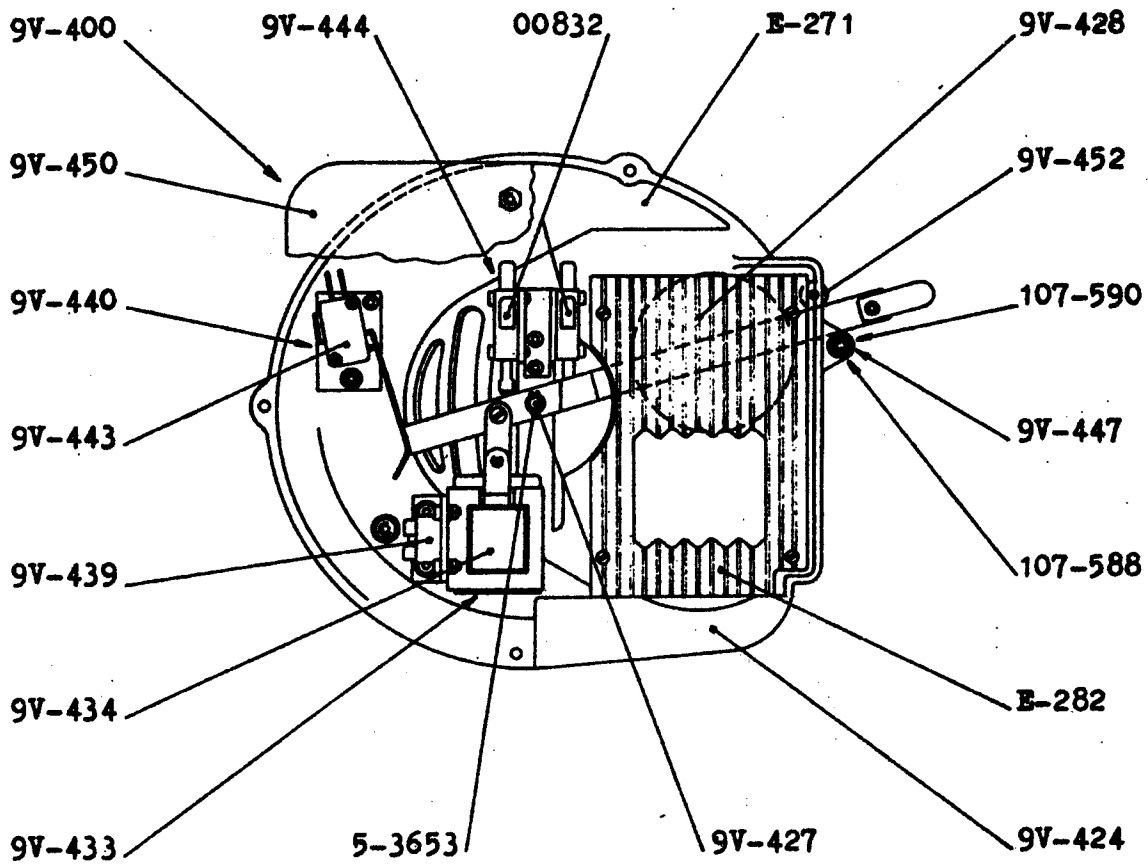


FIG. 7

FIG. 7 - SHUTTER ASSEMBLY

00832 - Mascarini microswitch  
00839 - Ball bearing  
00867 - Oil tight ring  
01025 - Spring ring  
9V-400 - Shutter complete with box and cover  
9V-401 - Shutter sleeve assembly  
9V-402 - Bevel pinion  
9V-403 - Shutter shaft  
9V-404 - Shutter drive sleeve (machined casting)  
9V-407 - Bearing spacer  
9V-414 - Governor spring  
9V-424 - Shutter cover  
9V-427 - Safety dowser spindle  
9V-428 - Safety dowser assembly  
9V-433 - Solenoid assembly  
9V-434 - Solenoid only  
9V-439 - 2-terminal board  
9V-440 - Picture-Sound microswitch assembly  
9V-443 - Picture-sound microswitch only  
9V-444 - Mascarini microswitch assembly  
9V-447 - Dowser latch spindle  
9V-450 - Microswitch cover  
9V-452 - Rubber dowser stop  
107-588 - Dowser latch spindle spring  
107-590 - Dowser latch spindle knob  
E-264 - Shutter flange with bush  
E-265 - Shock absorber hub  
E-266 - Shock absorber spring  
E-271 - Shutter cover (machined casting)  
E-274b - Shutter with blades  
E-279 - Shutter stop disc  
E-282 - Outside corrugated heat shield  
E-285a - Front governor plate  
E-287b - Governor complete with levers  
5-3653 - Circlip type UNI 3653 5mm dia.  
22-3654 - Circlip type UNI 3654 22mm dia.

FIG. 8 - GATE BRACKET AND GATE FRAME

- 007 - Spring guide roller assembly
- 0013 - Grooved roller
- 0027b - Pressure pad control spring
- 0029 - Spring adjusting knob
- 00274 - Pressure push plate
- 00276 - Gate frame spindle
- 00279 - Guide roller point screw
- 00320 - Gate frame (machined casting)
- 00816 - 3-aspect ratio aperture plate (ratios to be advised)
- 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
- 10-522 - Aperture plate indexing spring
- 8V-513 - Aperture plate moving guide
- E-506 - Gate pad
- E-510 - Gate pad stop spindle
- 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

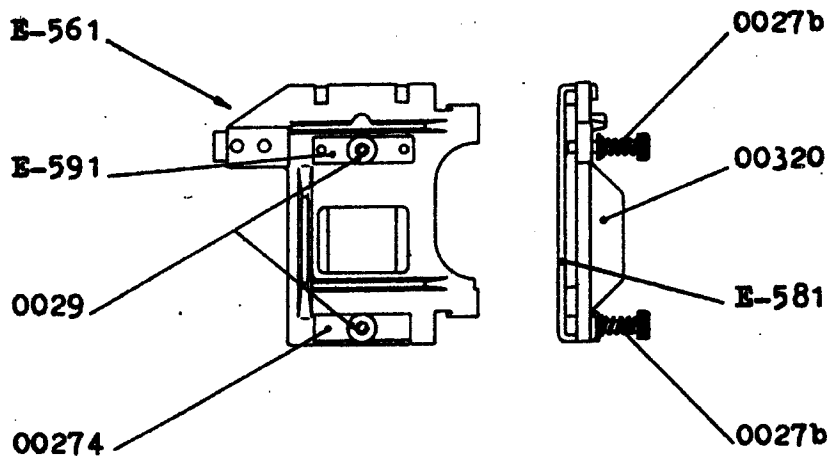
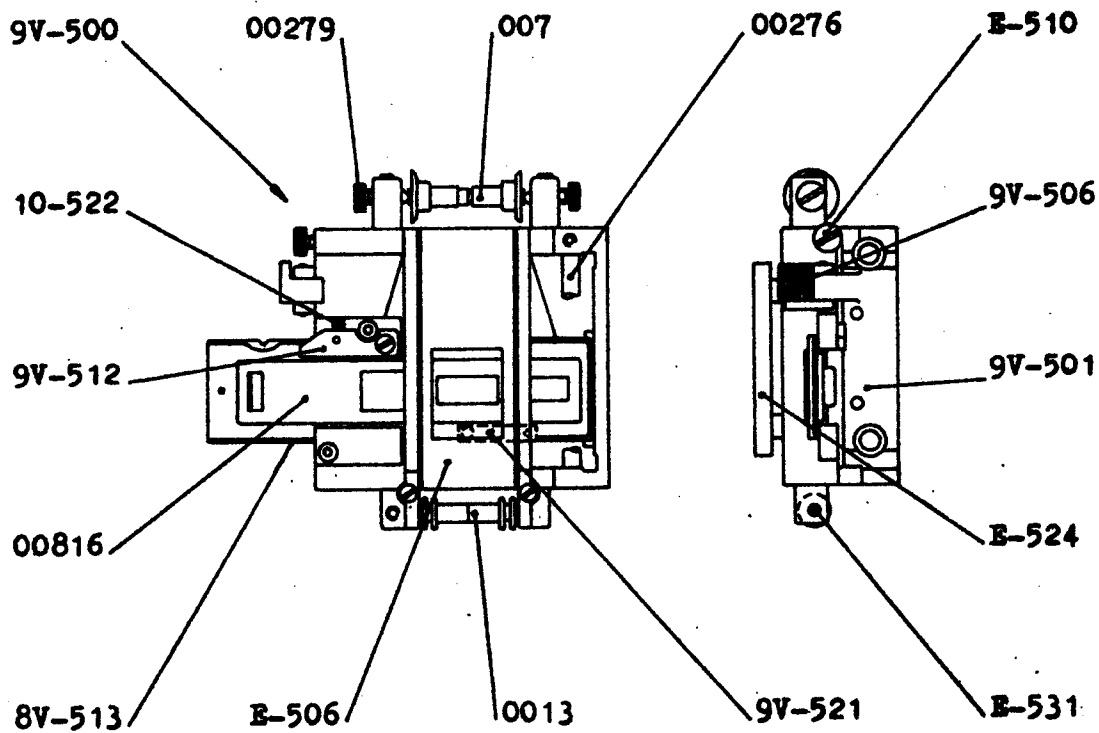


FIG. 8

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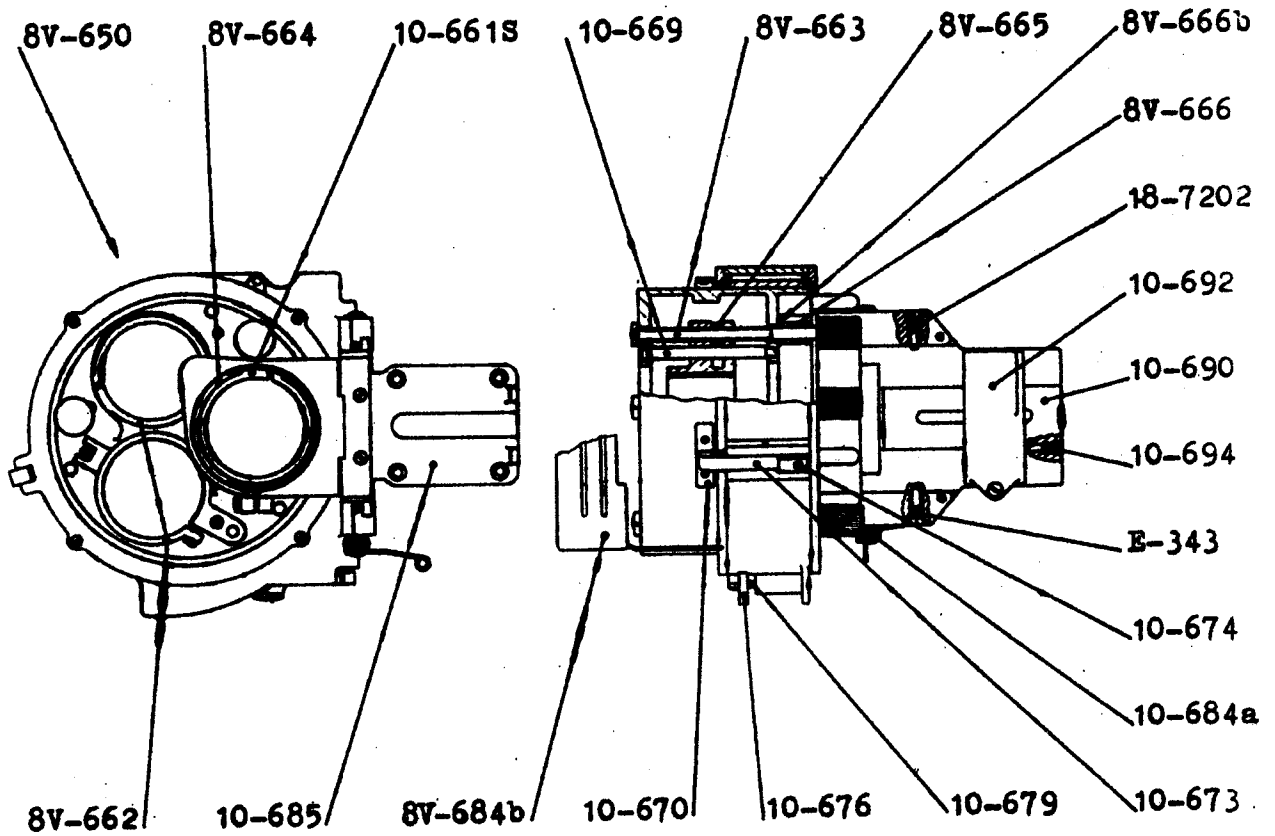


FIG. 9

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

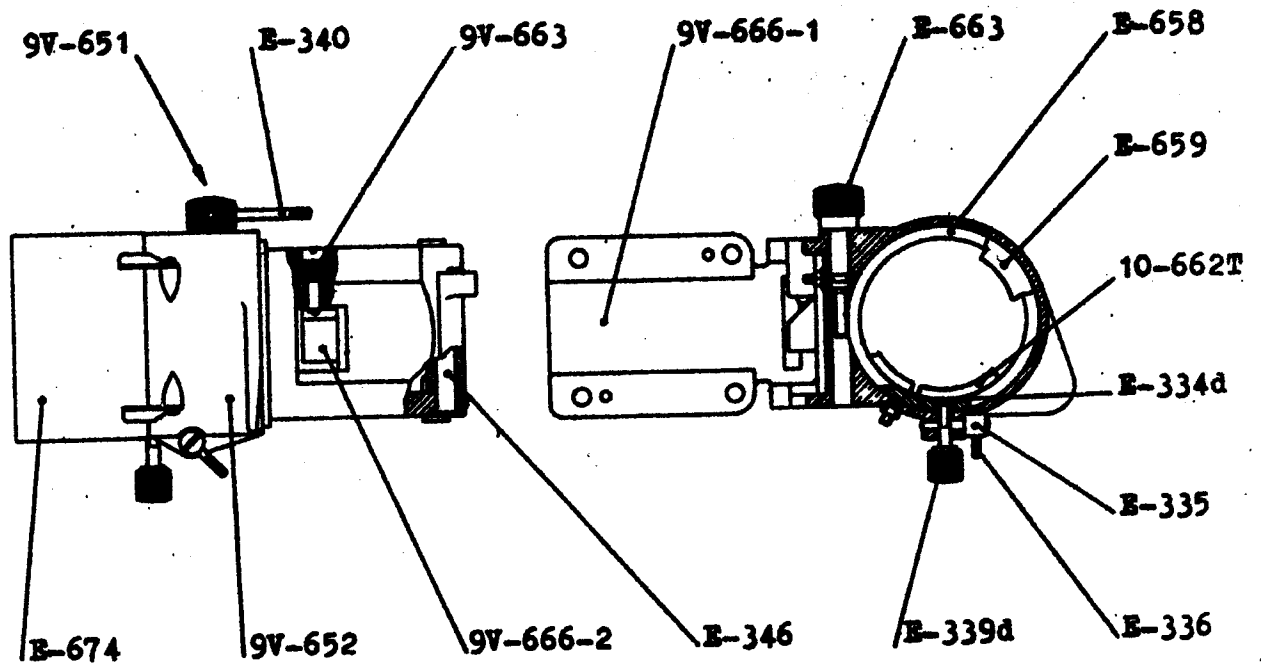


FIG. 10



FIG. 10 - PORTAOBBIETTIVO SEMPLICE

9V-651	- Portaobbiettivo semplice compl.
9V-652	- Portaobbiettivo (fus. lav.)
9V-663	- Molla per nasello
9V-666-1	- Sopperto portaobbiettivo
9V-666-2	- Arresto portaobb. (per Vict.9)
10-662 T	- Riduzione diam. 70,6 - 62,5
E-334 d	- Piastrina fiss.obbiettivo
E-335	- Vite morsetto portaobbiettivo
E-336	- Perno vite morsetto
E-339 d	- Bottone fissaggioobbiettivo
E-340	- Astina bottone pignone spostam.
E-346	- Perno sopperto
E-658	- Tubo portaobbiettivo diam.70,6
E-659	- Tubo portaobbiettivo diam.62,5
E-663	- Pignone spostam.obbiett.e bottone
E-674	- Paraluce

FIG. 10 - SINGLE LENS HOLDER

9V-651	- Single lens holder assembly
9V-652	- Lens holder (machined casting)
9V-663	- Stop spring
9V-666-1	- Lens holder bracket
9V-666-2	- Lens holder stop (for Victoria 9)
10-662 T	- 70.6mm to 62.5mm dia. sleeve
E-334 d	- Lens locking plate
E-335	- Lens holder clamp screw
E-336	- Clamp screw spindle
E-339 d	- Lens locking knob
E-340	- Focusing rod
E-346	- Bracket spindle
E-658	- 70.6mm dia. lens holder sleeve
E-659	- 62.5mm dia. lens holder sleeve
E-663	- Focusing knob and pinion
E-674	- Light shield

FIG. 10 - PORTE-OBJECTIF SIMPLE

9V-651	- Porte-objectif complet
9V-652	- Porte-objectif (fonderie seule)
9V-663	- Ressort
9V-666-1	- Support du porte-objectif
9V-666-2	- Butée du porte-objectif (pour Victoria 9)
10-662T	- Réduction $\varnothing$ 70,6/62,5
E-334d	- Plaquette fixation objectif
E-335	- Vis de serrage porte-objectif
E-336	- Levier vis de serrage
E-339d	- Bouton fixation objectif
E-340	- Levier de commande réglage porte-objectif
E-346	- Axe support
E-658	- Tube porte-objectif $\varnothing$ 70,6
E-659	- Tube porte-objectif $\varnothing$ 62,5
E-663	- Pignon de réglage du porte-objectif avec bouton
E-674	- Pare-lumière

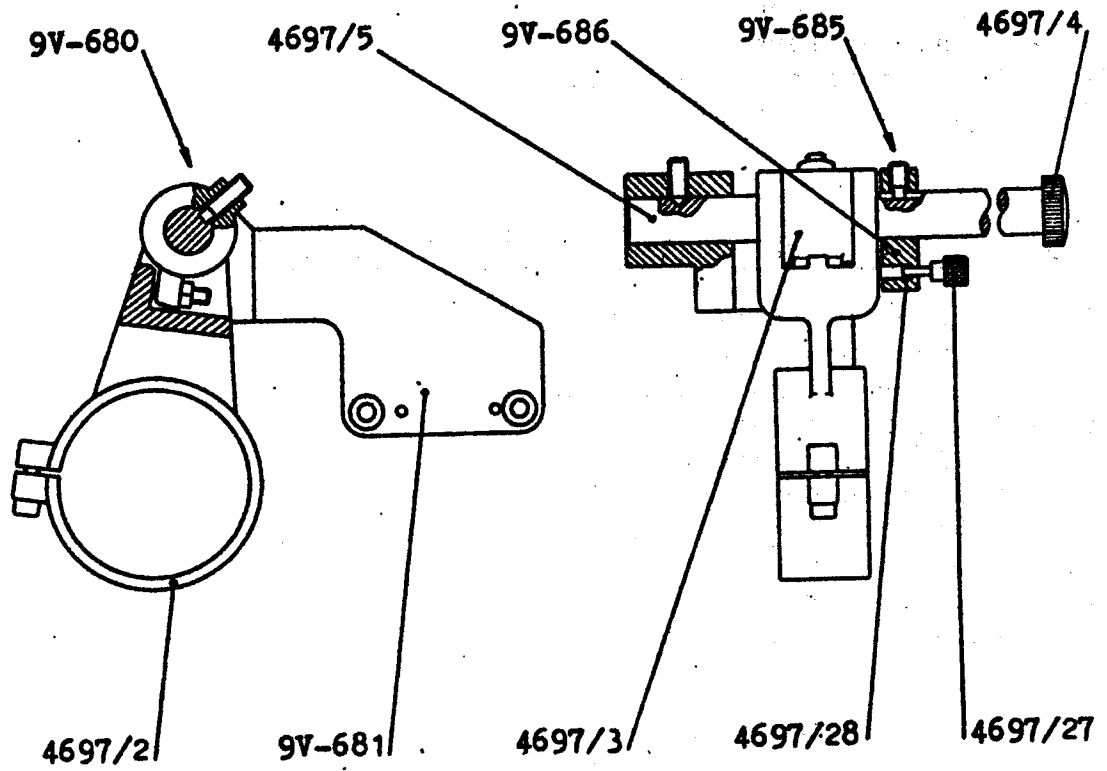


FIG. 11

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

Disegnato  
da *Lugaresi*  
Controllato  
da



Victoria 9 - 5 - 35 mm - PROIETTORE

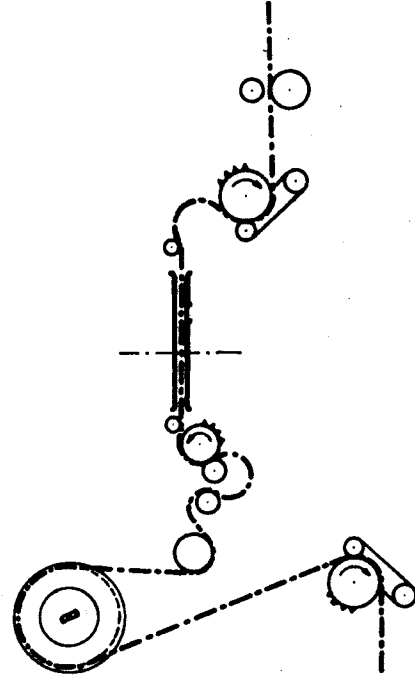
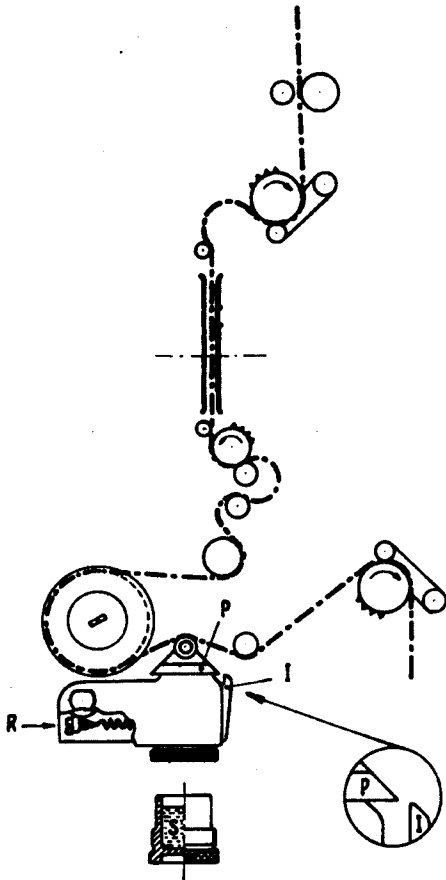
Percorso film - Parcours film - Film threadings

7440

Data 15-1-75

Modifiche

Con compensatore idraulico  
Avec compensateur hydrauliques  
With dash pot



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

**REGOLAZIONE** - Montare il film e mettere in moto il proiettore, ruotare la vite R sino 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 cm 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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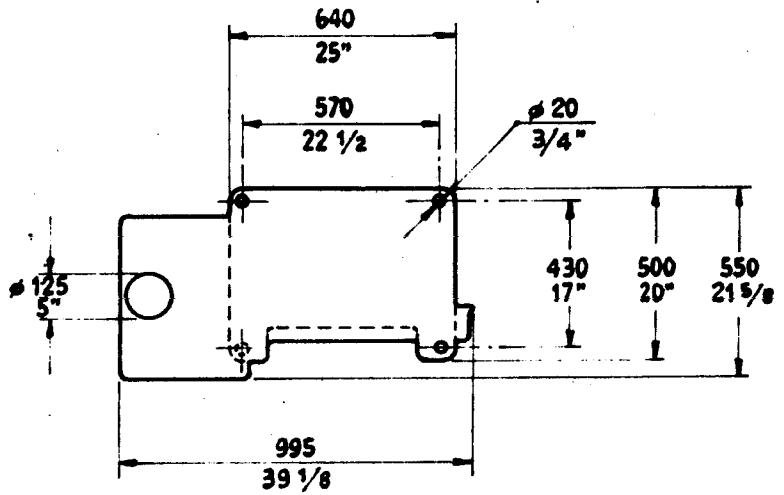
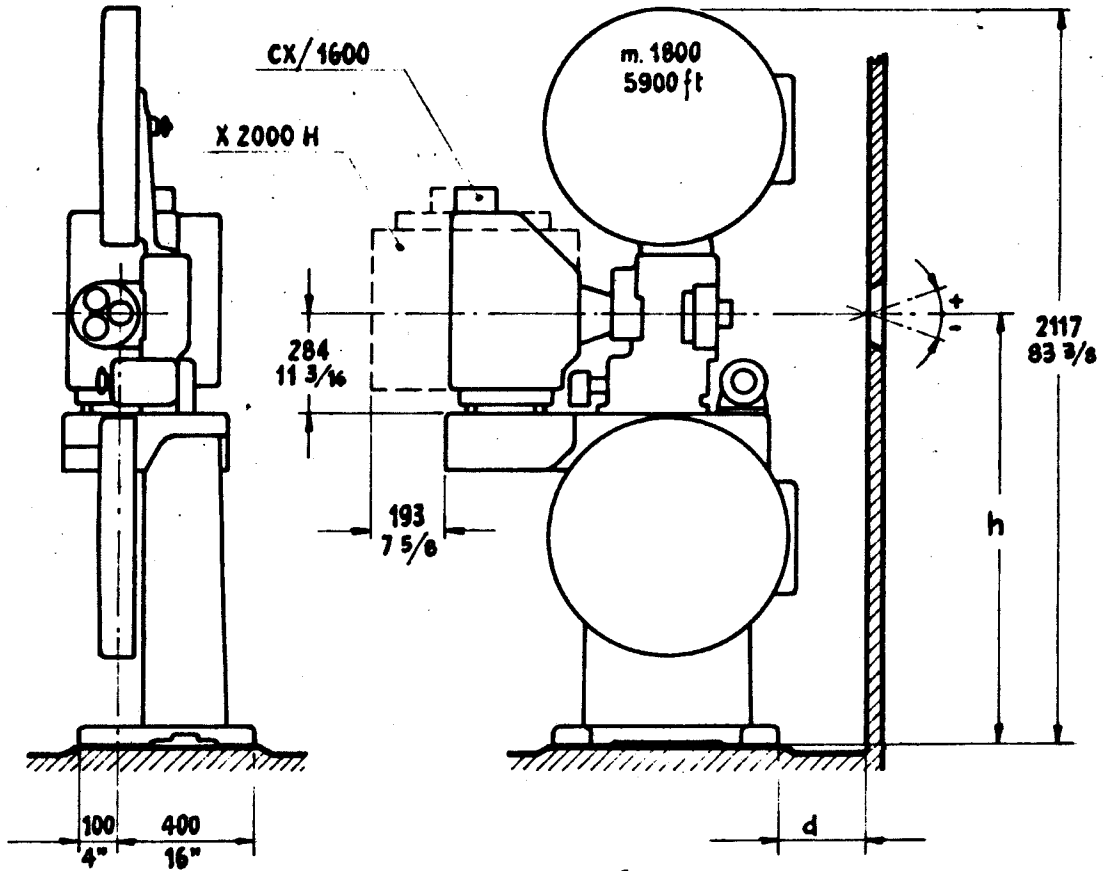
VICTORIA 9/S 1800 mt. - LANTERNA CX/1600

Misure d'ingombro - Overall dimensions

7245

Data 8-10-72

Modifiche



angolo angle	d	h	d	h
	mm.		inches	
+5°	150	1280	6	50 3/8
+4°	150	1270	6	50
+2°	150	1250	6	49 1/2
0°	150	1230	6	48 1/2
-2°	190	1220	7 1/2	48
-4°	230	1210	9	47 1/2
-6°	270	1200	10 1/2	47 1/4
-8°	310	1180	12 1/4	46 1/2
-10°	350	1160	14	45 1/2
-12°	390	1130	15 1/2	44 1/2
-14°	430	1100	17	43 5/16
-15°	450	1080	17 3/4	42 1/2

