

PRONTOR



**INSTRUCTIONS
FOR REPAIRING
PRONTOR-
PHOTOGRAPHIC SHUTTERS**



INSTRUCTIONS ON HOW TO REPAIR
THE GAUTHIER LINE OF CAMERA SHUTTERS
"PRONTOR-S" , "PRONTO" AND "VARIO"

GENERAL

The present manual of "Instructions in how to repair the GAUTHIER line of Camera Shutters" has been prepared for a number of reasons: - While it is fully justified to require the modern between-the-lens shutters to offer maximum versatility, the space available for the accomodation of the shutter mechanisms in its case is extremely limited. For this reason it is evident that such a requirement could only be fulfilled by a mechanism in which every possible avenue towards miniaturization has been fully exploited. This is certainly true of the Model 00 "Prontor-S" which features an additional built-in delayed action device. From this one can easily understand that such shutters must require a certain amount of care in handling, not only externally, i.e. during the assembly of the optical system, during mounting on the camera and by the user of the camera when he is taking his pictures, but also during all repair work on the mechanism. Improperly executed repair work is very apt to result in permanent malfunctioning of the shutter. In the interest of the shutter and camera manufacturers it is, therefore, of great importance to have all repair work exclusively performed by competent, highly skilled workers.

With such an intricate mechanism as contained in the "Prontor-S" shutter it is vital to observe a number of important rules in order to guard against any mechanical trouble and to insure perfect functioning of the shutter at all times. It is for this reason that this manual deals in detail as much as possible causes of trouble and the proper corrective measures to be taken in each case. In addition, there are included certain types of trouble brought about by extraneous causes such as the accumulation of dirt in the mechanism etc. Attention is, however, invited to the fact that such malfunctioning is in no case caused by faulty manufacture of the parts but that trouble is exclusively caused

by secondary factors. All defects in workmanship and material are eliminated by a rigid inspection system which requires each individual shutter, before leaving the factory, to pass a number of tests in which each of its functions are thoroughly checked.

FOR READY REFERENCE:

1. Cocking Mechanism
2. Release Mechanism
3. Escapement Mechanism
4. Delayed Action Device
5. Shutter Blade Mechanism
6. Diaphragm Mechanism
7. Flash Firing Mechanism
8. Time Setting Mechanism

NOTE THE FOLLOWING:

- A. SPARE PARTS Whenever it should be necessary, when repairing a GAUTHIER camera shutter, to replace any component parts, it is necessary under all circumstances to use only original GAUTHIER spare parts. Using the Shutter Spare Parts Lists, such parts can be easily and promptly obtained from GAUTHIER. Added to these Instructions is one complete set of Spare Parts Lists. Additional copies will be sent upon request.
- B. OIL Under no circumstances oil should be used in the entire shutter mechanism. Even the slightest traces of oil, regardless on which part they may occur, will soon cause malfunctioning of the shutter.
- C. GREASE (a) To insure proper diaphragm operation only a very thin of special grease is used. It is urgently advised not to add any grease in the event repair work has to be performed on the diaphragm assembly. The component parts of this assembly should always be assembled without using any grease or oil.
- (b) In order to provide for smooth movement of the speed setting ring, an extremely thin film of the finest quality grease should be applied on the friction area between the speed setting ring and the shutter housing. However, extreme care should be exercised to insure that only the slightest possible trace

- C. GREASE, cont. of finest quality grease is used; otherwise such an excess grease might find its way into the interior of the shutter housing, this condition being likely and caused malfunctioning of the shutter mechanism.
- D. DISMANTLING THE SHUTTER Both the SHUTTER HOUSING and the BASE PLATE ASSEMBLY should be dismantled only in cases where it is necessary to repair the shutter blade mechanism or the diaphragm blade assembly.

Special attention should be given to paragraphs B. and C., as these rules are frequently neglected, and resulting in additional shutter trouble.

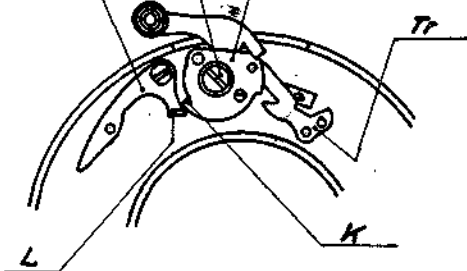
The presence of oil or grease on the shutter blades will invariably cause shutter failure. - Should traces of oil or grease be found on the shutter blades, refer to the section titled "Shutter Blade Mechanism" in the manual and carefully follow the blade cleaning instructions; failure to comply with these instructions will only result in inaccurate shutter speeds and often permit stray light to enter the camera with the shutter blades not fully closed.

Included with this manual there will be found a complete list of the most common types of troubles resulting from causes already mentioned.

When referring to these Instructions, please bear in mind the following points:

- (a) In accordance with the above-mentioned classification of the causes of trouble, the item "Shutter fails to operate" is dealt with in the three sections titled "Cocking Mechanism", "Escapement Mechanism" and "Shutter Blade Mechanism". For details, see these sections.
- (b) In certain cases, Size 0 shutters have to be handled in a different way from Size 00 shutters. Special attention is invited to this fact.
- (c) Part names and part numbers as used in the Instructions agree with part names and numbers found in the Spare Parts Lists.

1. COCKING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) During cocking, cocking lever jumps back to original position, shutter will not cock.	Lug L of inner release lever fails to engage edge K of cocking lever.	Correct position of lug L by bending to ensure proper engagement of inner release lever.
	0257-U 98 Inner Release Lever	0257-146
	0257-U 101 Cocking Lever	0257-U98
	0257-146 Exterior Release Lever Screw	0257-U 101
		
Fig. 1 (Size 0 Shutter)		
(2) Upon the cocked shutter being released, the cocking lever fails to return. - Consequence: Shutter fails to operate (see also "Escapement Mechanism", Item 1, and "Shutter Blade Mechanism", Item 1).	Plane of movement of driver Tr is not vertical in relation to longitudinal axis of shutter.	Use tweezers to correct position of driver Tr.
(3) Cocking the shutter requires excessive effort, too stiff or binding.	Individual coils of driving spring located beneath cocking lever, along exterior release lever screw 0257-146, are out of alignment.	Correct position of spring coils or install new spring.

2. RELEASE MECHANISM

TROUBLE

CAUSE

CORRECTION

(1) Shutter fails to be released within range J of movement of exterior release lever prescribed for camera.

Correct position of arm B of inner release lever by bending.

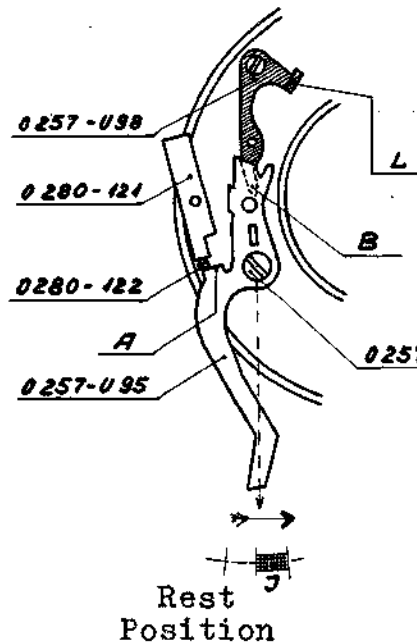


Fig. 2a
(Size 0 Shutter)

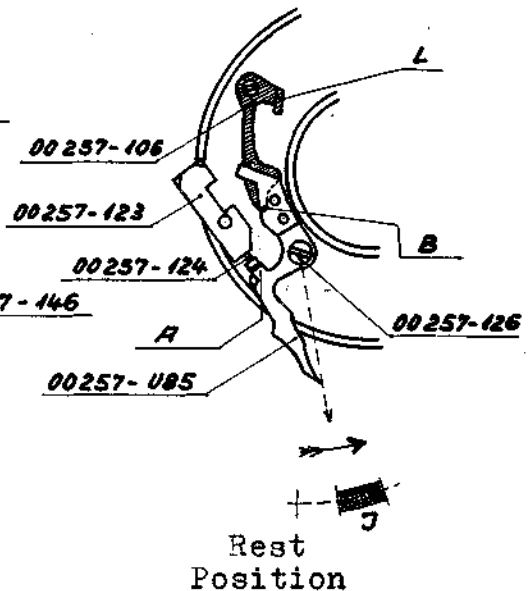


Fig. 2b
(Size 00 Shutter)

0257-U98) Inner Re-
00257-106) lease ' Lever

0257-122) Release
00257-124) Pin

0280-121) Release
00257-123) Tube

0257-U95) Exterior Re-
00257-U85) lease Lever

0257-146) Exterior Re-
00257-126) lease Lever
Screw

(2) Releasing the shutter requires excessive effort, i.e. release works too hard. Shutter releasing stiff or binding.

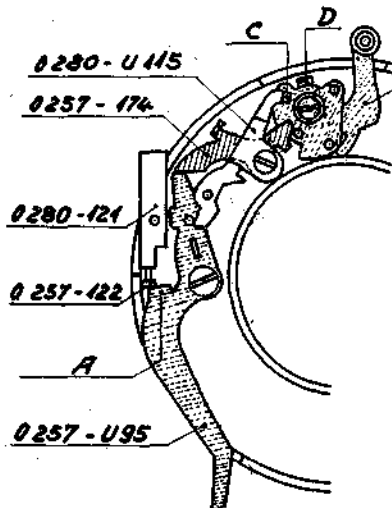
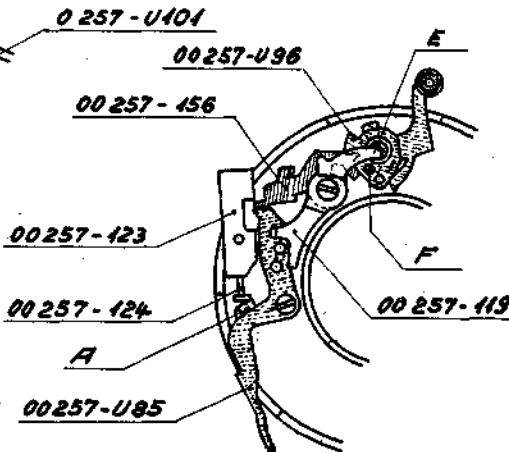
(a) Improper bending of lug L of inner release lever (see "Cocking Mechanism", Item 1) has changed radial position of lug L.

(a) Install new inner release lever.

(b) Individual coils of driving spring located beneath exterior release lever along exterior release lever screw are out of alignment.

(b) Correct position of spring coils or install new spring.

RELEASE MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION																								
(3) With uncocked shutter, exterior release lever is not locked in position.	(a) Lug A on exterior or release lever extending vertically in relation to drawing plane of Figs. 2 & 3 includes an angle with the drawing plane which is noticeably different from 90°.	(a) Correct position of lug A by bending.																								
 Fig. 3a (Size 0 Shutter) <table><tr><td>0257-U95)</td><td>Exterior</td></tr><tr><td>00257-U85)</td><td>Release Lever</td></tr><tr><td>0280-121)</td><td>Release</td></tr><tr><td>00257-123)</td><td>Tube</td></tr><tr><td>0257-122)</td><td>Release</td></tr><tr><td>00257-124)</td><td>Pin</td></tr></table> (b) Relative movement of time lever and locking lever impeded by excessive friction.  Fig. 3b (Size 00 Shutter) <table><tr><td>0257-U101)</td><td>Cocking</td></tr><tr><td>00257-U 96)</td><td>Lever</td></tr><tr><td>0257-174)</td><td>Locking</td></tr><tr><td>00257-156)</td><td>Lever</td></tr><tr><td>0280-U115)</td><td>Time</td></tr><tr><td>00257- 119)</td><td>Lever</td></tr></table> (b) 1. Use tweezers to correct play of time lever and locking lever. 2. If trouble is caused by rust or oxidation, install new levers.			0257-U95)	Exterior	00257-U85)	Release Lever	0280-121)	Release	00257-123)	Tube	0257-122)	Release	00257-124)	Pin	0257-U101)	Cocking	00257-U 96)	Lever	0257-174)	Locking	00257-156)	Lever	0280-U115)	Time	00257- 119)	Lever
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00257-156)	Lever																									
0280-U115)	Time																									
00257- 119)	Lever																									

RELEASE MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
(4) With shutter set for bulb exposure (B), mechanism completes its cycle, i.e. shutter blades close despite the fact that exterior release lever is held in its release position.	(a) Size O Shutter: Lug C of time lever which extends vertically in relation to drawing plane of Fig. 3a fails to arrest cocking lever by engaging lug D. Size OO Shutters: Arm E of time lever fails to engage abutment F of cocking lever. (b) Failure of escapement mechanism prevents movement of cocking lever from being delayed.	(a) Size O & OO Shutters: Correct shape of time lever by bending in drawing plane in such a manner that lug C of time lever catches lug D of cocking lever. (b) For corrective measures refer to section titled "Escapement Mechanism."

3. ESCAPEMENT MECHANISM

NOTICE:- The escapement mechanism is held in position on the base plate only by the screws S_1 and S_2 (Figs. 4a & 4b). To remove the escapement mechanism, first remove the front plate and the time setting ring, then undo the screws S_1 and S_2 .

TROUBLE	CAUSE	CORRECTION
(1) Escapement mechanism fails to operate upon shutter being released. Consequence: Shutter remains out of operation (see also section "Cocking Mechanism", Item 2, and "Shutter Blade Mechanism", Item 1).	(a) Dirt has accumulated in mechanism. (b) Dirt is found not to be the cause of trouble.	(a) Use pure petrol (gasoline) to clean parts. (b) In any case, install a new escapement mechanism.

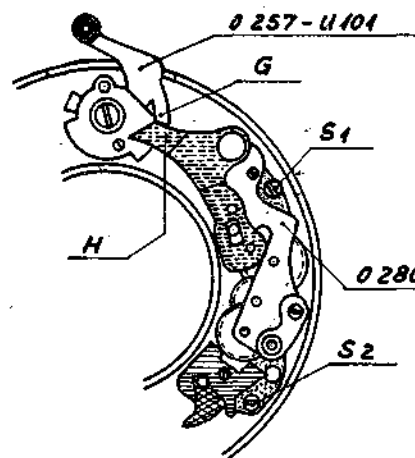


Fig. 4a
(Size O Shutter)

0280-G20) Escape-
00280-G20) ment
Mechanism

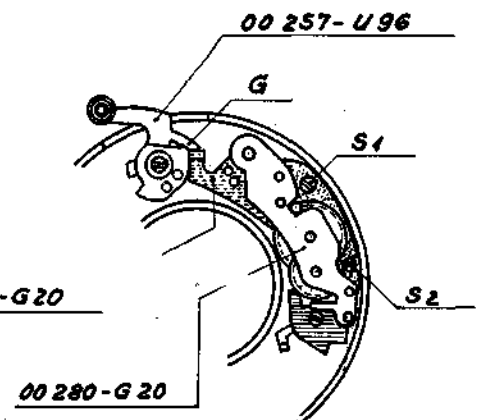


Fig. 4b
(Size OO Shutter)

H = retarding lever of
escapement mechanism

(2) The operating period of the escapement mechanism does not coincide with the correct portion of the shutter blade operating period.

Incorrect position of arm G of cocking lever.

Correct position of arm G by bending in such a manner that escapement mechanism is caused to operate while shutter blades are completely open.

4. DELAYED ACTION DEVICE

NOTICE:- The delayed-action device is held in position on the base plate only by the spring serving to drive the device (see Fig. 5a). To remove the delayed-action device, first remove the front plate and the time setting ring, then unhook the above-mentioned spring from the stud St (Fig. 5a) or from the lug P (Figs. 5b & 5d), respectively.

TROUBLE	CAUSE	CORRECTION
(1) Delayed-action device fails to be caught in detent during shutter cocking.	(a) Arm M on underside of delayed-action device fails to engage bar lever (Figs. 5a-5d).	(a) Correct position of arm M by bending in drawing plane.

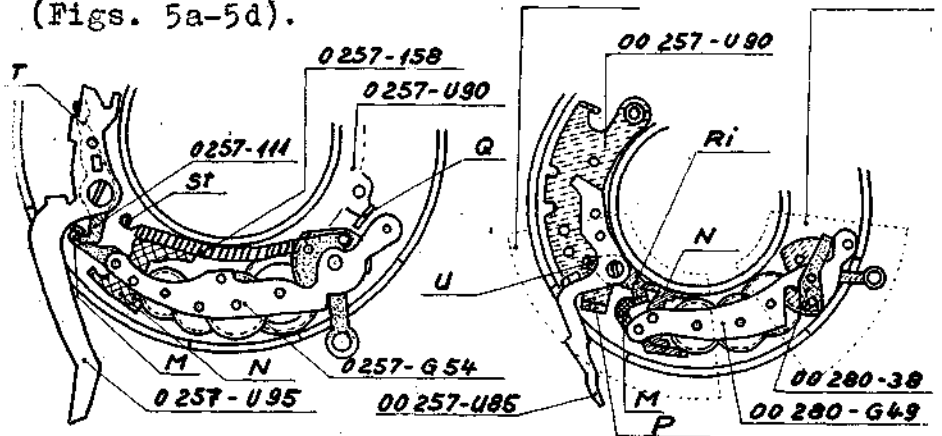


Fig. 5a
(Size 0 Shutter)

Fig. 5b
(Size 00 Shutter)

0257-U95}	Exterior	(Spring of delayed-action	
00257-U85}	Release	device omitted for clar-	
	Lever	ity)	
0257-111}	Bar	0257-G54}	Delayed-action
Ri	Lever	00280-G49}	Device
00257-U90	Bar Lever	00280- 38	Locking Lever
	Plate		for Delayed-
	(w/ Bar		Action Device
	Lever)	0257-U90}	Shutter Drive
		00280-u80}	Ring
		0257-158	Spring for
			Delayed-Action
			Device

DELAYED ACTION DEVICE, cont.

TROUBLE

CAUSE

CORRECTION

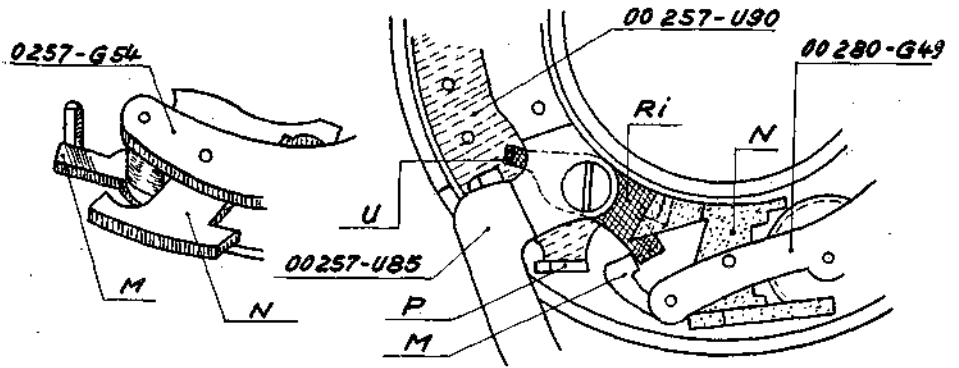


Fig. 5c
(Size O Shutter)

Fig. 5d
(Size OO Shutter)

(2) After shutter is cocked, delayed-action device starts immediately though shutter has not been released.

Escapement N of delayed-action device is free to move after shutter is cocked.

Correct position of Arm M by bending in such a manner that escapement is arrested by tubular portion of base plate.

(3) Delayed-action device fails to start.

(a) Excessive bending of arm M (see "Correction", Item 1) keeps escapement N from oscillating.

(a) Correct position of arm M by bending.

(b) Dirt has accumulated in mechanism.

(b) Size O Shutters: Clean delayed-action device by brushing; DO NOT WASH. (because of roller clutch). - If trouble cannot be corrected by brushing, install new delayed-action device.
Size OO Shutters: Use pure petrol (gasoline) to clean delayed-action device.

DELAYED ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(4) Delayed-action device fails to complete its cycle, i.e. it stops after shutter blades begin to open.	Incorrect position of lug Q of shutter drive ring (Figs. 5a, 5e, 5f) relative to drawing plane. This reduces to nearly zero the length of safety travel g of segment R (see Fig. 5e).	Correct position of lug Q by bending. Fig. 5e shows CORRECT position of lug Q after delayed-action device has run down. Sufficient length of travel g must be provided for.

00280-G49 Delayed-Action Device
00280-U80 Shutter Drive Ring

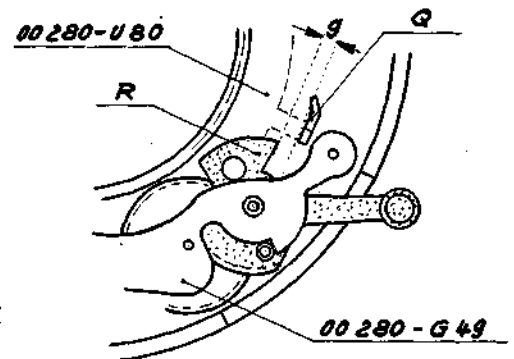
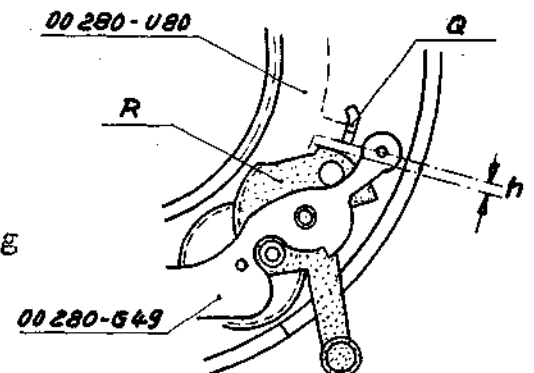


Fig. 5e
(Size 00 Shutter)

Delayed-action device after running down. (Locking lever and spring omitted for clarity).

(5) Shutter blades open upon delayed-action device being released.	Excessive clearance h (Fig. 5f) exists when delayed-action device is cocked. This clearance should not exceed .2 mm. (.008").
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00280-G49 Delayed-Action Device
00280-U80 Shutter Drive Ring



Right: Fig. 5f (Size 00 Shutter)
(Locking lever and spring for delayed-action device have been omitted for the sake of clarity.)

DELAYED ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(6) Delayed-action device starts before cocking lever is released by inner release lever (see Fig. 1).	Incorrect relative position of inner release lever and bar lever.	Correct shape of inner re-lease lever and bar lever in such a manner that delayed-action device will start only after inner release lever has re-leased cocking lever. To do this, bend arm B of inner release lever (Figs. 2a & 2b) and arm T (Fig. 5a) of bar lever in the case of Size 0 shutter or lug U (Figs. 5b & 5d) in the case of Size 00 shutter, respectively.
(7) Size 00 Shutter: Delayed-action device can be cocked also when shutter is set for bulb exposure (B).	Locking lever for delayed-action device (Fig. 5g) has been accidentally omitted during assembly. Be sure not to overlook this tiny part.	Install locking lever for delayed-action device. - Fig. 5g indicates correct position of locking lever with mechanism uncocked.

00280-G49 Delayed-Action Device

00280- 38 Locking Lever for Delayed-Action Device

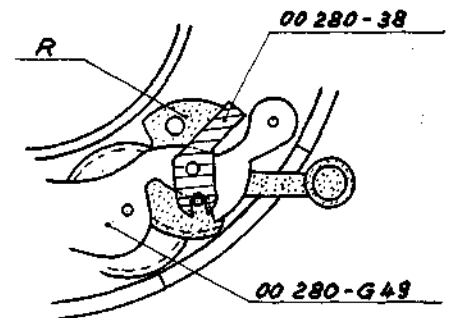


Fig. 5g
(Size 00 Shutter)

Delayed-action device in uncocked condition.
(Spring omitted for the sake of clarity.)

5. SHUTTER BLADE MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Shutter blades adhere to each other and cannot be moved. Consequence: Shutter will not operate. (See also "Cocking Mechanism", Item 2, and "Escapement Mechanism", Item 1).	Shutter blades contaminated with oil or grease.	Remove shutter blades from shutter, place blades on PLANE surface and wipe with DRY cloth. Be sure to avoid fingerprints on shutter blades, as perspiration will destroy protective finish and thus give rise to rust formation.
(2) Shutter blades fail to form light-tight closure of shutter aperture.	Shutter blades are distorted.	Install new shutter blades.
(3) Rust formation on shutter blades.	-	Install new shutter blades.

6. DIAPHRAGM MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Moving the diaphragm index ring requires excessive effort.	(a) Presence of grease between diaphragm blades.	(a) Wipe diaphragm blades with DRY cloth and follow instructions given under "Shutter Blade Mechanism" Item 1.
	(b) Diaphragm index ring distorted.	(b) Where excessive distortion is observed, install new diaphragm index ring.
	(c) Diaphragm blades are damaged.	(c) Install new diaphragm blades.



Fig. 6
Diaphragm Blade

(2) Diaphragm aperture is not found to be a regular decagon.	Diaphragm blades damaged; pivoting rivets N_1 and N_2 may be broken. (See Fig. 6).	Install new diaphragm blades.
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7. FLASH FIRING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Flash is not fired (assuming flash bulb and battery are in good working order).	(a) No contact between contact bushing Y of flash fitting and cable plug.	Examine plug and correct faulty condition.
	(b) Size 0 Shutter: Insufficient contact pressure between arm W_1 of contact spring and contact plate or between arm W_2 of contact plate and flash fitting.	Size 0 & 00 Shutters: Correct tension of contact spring by bending.
	Size 00 Shutter: Insufficient contact pressure between contact spring V and flash fitting.	

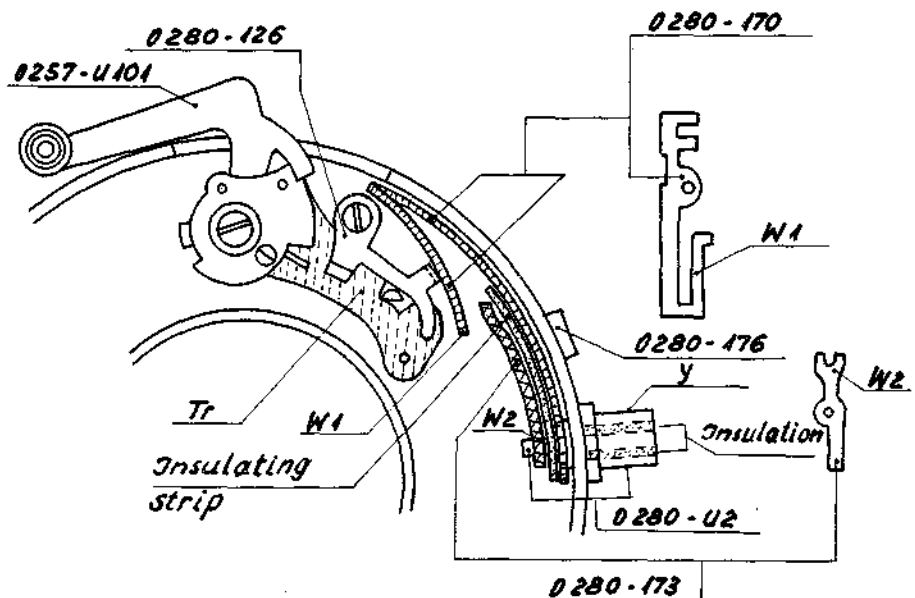


Fig. 7a
(Size 0 Shutter)

For explanation of symbols, refer to following sheet.

FLASH FIRING MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
	0257-U101) Cocking 00257-U 96) Lever Tr = Driving Arm of Cocking Lever	00280-U173 Contact Plate w/ Contact Spring V 0280-173 Contact Plate
	0280-126) Contact 00280-111) Lever	0280-170 Contact Spring 0280-176 Insulating Bushing
00280-U 2	Flash Fitting	

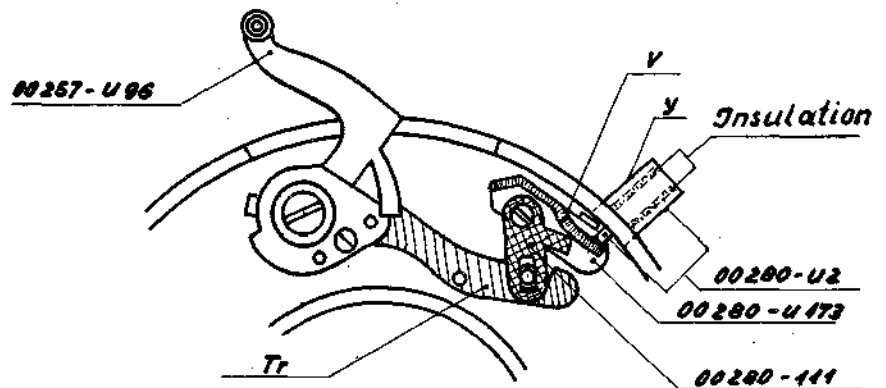


Fig. 7b
(Size 00 Shutter)

(2) Contact-making action does not coincide with prescribed shutter blade position.

Incorrect position of contact spring.

Correct position of contact spring by bending in such manner that contact-making action occurs during portion of shutter blade opening period defined as follows:

Lower Limit: Shutter blades form an aperture whose radius is by 1 mm. (.04") smaller than the full-aperture radius;

Upper Limit: Shutter blades fully expose aperture.

8. TIME SETTING MECHANISM

TROUBLE	CAUSE	CORRECTION
(1) Moving the time setting ring requires too much or too little effort.	(a) Too little or too much radial play between time setting ring and tubular portion of base plate.	(a) Adjust for proper amount of play by bending spring arm Z in drawing plane of Fig. 8

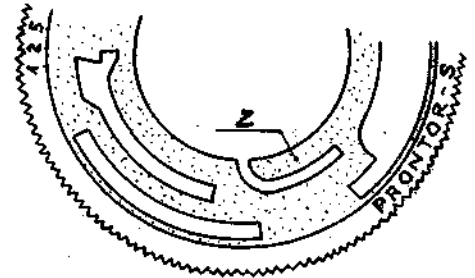


Fig. 8
Time Setting Ring
0280-159

(b) Size 00 Shutter: Distance between time setting ring and front plate is too small or too large.	(b) Adjust for proper distance by rotating the thread ring for the front plate. Then lock thread ring in position by having screw on front plate engage in notch of thread ring.
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FIRST SUPPLEMENT
to
INSTRUCTIONS ON HOW TO REPAIR
GAUTHIER CAMERA SHUTTERS

This supplement covers the fully synchronized
MODEL PRONTOR SV SHUTTER

CONTENTS	Sheets
4a. Delayed-Action and Synchronizing Device	20 to 27
7a. Flash Firing Mechanism	28 to 31
8a. Time Setting Mechanism	32

4a. DELAYED ACTION AND SYNCHRONIZING DEVICE

GENERAL REMARKS

(1) In the Prontor SV shutter, part of the delayed-action device intended for selftiming purposes is used as a synchronizing device serving to take care of the inherent time lag of flash equipment. The synchronizing device is rendered operative by setting the synchro switch ring at the yellow mark. In this position, some of the elements of the mechanism are disengaged from the remaining elements. With the synchro switch ring set at the red mark, however, all elements of the delayed-action device are in their operative positions of engagement.

(2) In contrast to the Pronto and Prontor-S shutters, the delayed-action device is not arranged for pivotal movement but is rigidly mounted on the base plate. The device is held in position by sliding it over the peg 2 which is secured to the base plate and by means of another peg 3 protruding from the underside of the delayed-action device, the latter peg being fitted into a bore provided in the base plate. - To remove the delayed-action device from the shutter, first remove the front plate and the time setting ring, then disengage the spring of the delayed-action device from its anchor 4 (Fig. 10a).

In doing so, see to it that the segment 6, which is connected with the synchro cocking lever 5, takes a position in relation to the lens tube such as is indicated in Fig. 9; otherwise the projections of segment 6 will be caught in the milled recesses of the lens tube, it then being impossible to lift out the mechanism. The position of segment 6 indicated in Fig. 9 is obtained as follows:- First unhook the spring from its anchor 4; then ...

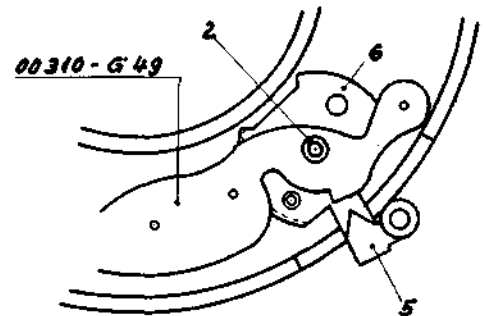


Fig. 9
(Size 00 Shutter)

(a) with the synchro cocking lever in its rest position, rotate the synchro cocking lever in a clockwise direction until the segment reaches the desired position; or

4a. DELAYED ACTION AND SYNCHRONIZING DEVICE

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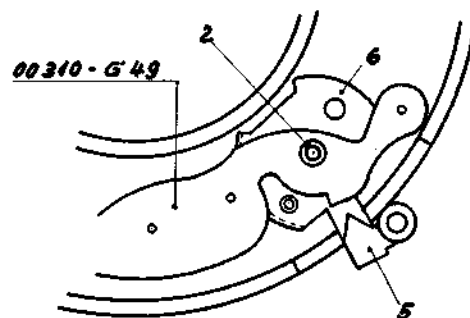


Fig. 9
(Size 00 Shutter)

(a) with the synchro cocking lever in its rest position, rotate the synchro cocking lever in a clockwise direction until the segment reaches the desired position; or

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

(b) with the synchro cocking lever in its cocked position, release the COCKED shutter and rotate the synchro cocking lever in an anti-clockwise direction until the position indicated in Fig. 9 is reached; finally, allow the shutter cocking lever to be again caught in its cocked position.

(3) Due to the design of the Prontor SV shutter, the shutter blades will perform a slight swinging movement while the shutter is being cocked; this will not, of course, allow any light to enter the camera. Any change as regards this movement of the shutter blades may only be made in cases where the faults mentioned below are observed; otherwise the proper functioning of the delayed-action device will be interfered with.

(4) When performing repair work on this shutter model, care should be taken to change the position of lug 7 of the shutter drive ring only in cases where the faults mentioned below are observed. The proper functioning of several phases of the shutter cycle depends on the correct position of lug 7.

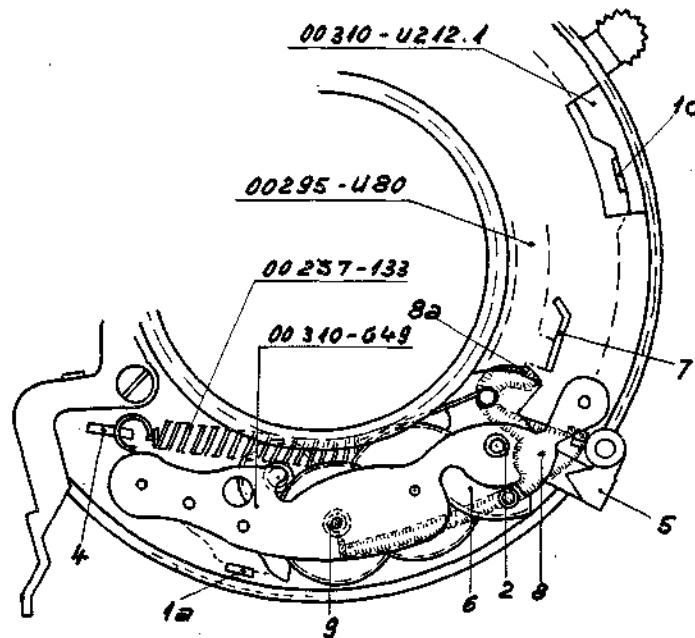


Fig. 10a
(Size 00 Shutter)
00257-133 Spring of Delayed
Action Device
00295-U80 Shutter Drive Ring
00310-G49 Delayed-Action Device
00310-U212.1 Synchro Switch Ring

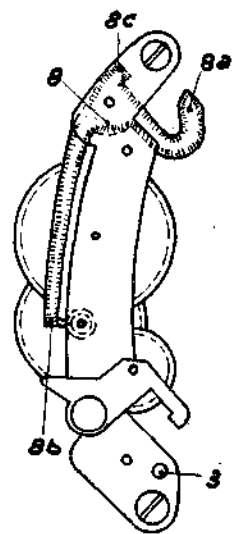


Fig. 10b
Delayed-Action
Device
00310-G49
(incomplete)

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(1) Synchro cocking lever fails to lock in position during cocking of delayed-action and synchronizing device.	(a) Lug 7 of shutter drive ring has excessive inclination in direction of arrow I (Fig. 10c); thus it is possible for lug 7, during cocking already, to act upon arm 8a of three-armed locking lever 8 and to rotate this lever counterclockwise. This causes arm 8b of locking lever 8 to release pinion 9.	(a) Correct position of lug 7 by bending in direction of arrow II in Fig. 10c.
	(b) Lug 7 of shutter drive ring has excessive inclination in circumferential direction, i.e. in direction of arrow III in Fig. 10c.	(b) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.

00295-U80
Shutter Drive Ring
00310-G49
Delayed-action
Device

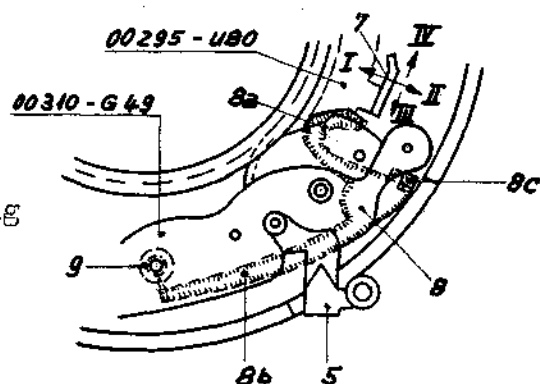


Fig. 10c
(Size 00 Shutter)
Delayed-Action Device in
Cocked Position

(2) After shutter cocking lever is locked in cocked position, the cocked delayed-action and synchronizing device starts running without the shutter being previously released.	(a) Insufficient clearance between lug 7 of shutter drive ring and arm 8a of locking lever 8 in direction of arrow III in Fig. 10c.	(a) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.
--	---	--

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
	(b) Because lug L of inner release lever (see "Cocking Mechanism", Fig. 1) is bent out of position, the shutter cocking lever has to travel too great a distance between its stop position and its register. Thus, before lug L engages edge K of cocking lever, the shutter drive ring is rotated a corresponding amount, the ring in turn rotating the locking lever 8 and releasing the delayed-action and synchronizing device.	(b) Correct position of lug L by bending.
(3) Delayed-action and synchronizing device fails to run off.	(a) Lug 7 of shutter drive ring has excessive inclination in direction of arrow II in Fig. 10c. This causes locking lever 8 to be locked in position, thus preventing delayed-action and synchronizing device from being released. (b) Dirt has accumulated in mechanism.	(a) Correct position of lug 7 by bending in direction of arrow I in Fig. 10c. (b) Use pure petrol (gasoline) to clean mechanism.

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(4) With the synchro switch ring set at the <u>yellow</u> mark, the synchronizing device fails to run off, while, with the synchro switch ring set at the <u>red</u> mark, the delayed-action device does run off.	Arm 1a of synchro switchring (Fig. 10d) is deflected radially from vertical position in relation to drawing plane. As a result, gear 10 and pinion 11 are not completely brought out of engagement.	Adjust arm 1a of synchro switch ring for vertical position in relation to drawing plane.

00310-U212.1
Synchro
Switch Ring

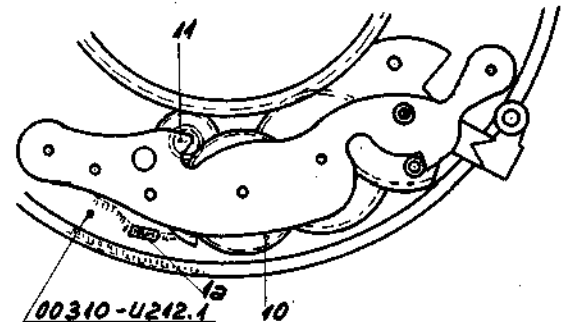


Fig. 10d
(Size 00 Shutter)

(5) The delayed-action and synchronizing device fails to complete its cycle, i.e. upon the shutter blades beginning to open, the mechanism stops or fails to run until the synchro cocking lever has completed its travel (see also Section 8a, "Time Setting Mechanism", Item 1).

(a) Vertical lug 8d on arm 8c of three-armed locking lever 8 is excessively deflected in direction of arrow V in Fig. 10e and therefore interferes with movement of synchro cocking lever 5 which is connected with segment 6.

(a) Correct position of lug 8d by bending in direction of arrow VI in Fig. 10e.

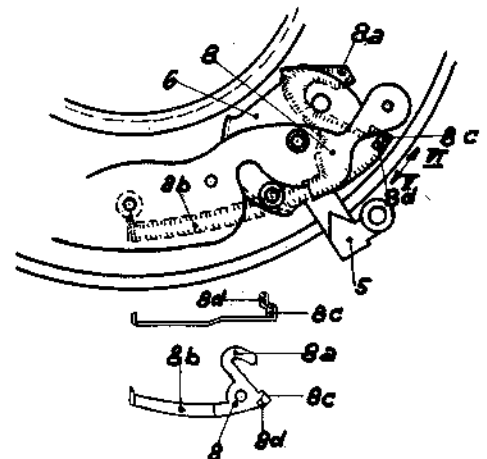


Fig. 10e
(Size 00 Shutter)

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
	Only with 1/300-sec. setting:-	
	(b) Lug 8d has excessive deflection in direction of arrow VI in Figs. 10e & 10f. At the moment at which lug 7 is released by segment 6, the synchro cocking lever 5 assumes the position indicated in Fig. 10f. The synchro cocking lever has to travel the angular distance s before striking lug 8d. Due to the extremely short open period of the shutter when set for 1/300 sec., lug 7 of the shutter drive ring, owing to the above-mentioned reason, will leave arm 8a of locking lever 8 during its return travel before the synchro cocking lever 5 has completed its length of angular travel s. On the contrary, when lug 7 has left the arm 8a, the synchro cocking lever will only have traveled the angular distance s ₀ . Thus, the spring-loaded locking lever 8 will arrest the pinion 9 by means of arm 8b before the mechanism can be finally released by synchro cocking lever 5 striking lug 8d to permit the shutter to complete its operating cycle.	(b) Correct position of lug 8d by bending in direction of arrow V in Figs. 10e & 10f.

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE

CAUSE

CORRECTION

Only with 1/300-sec.
setting:-

(c) Lug 7 of shutter
driving has exces-
sive deflection in
direction of arrow
II in Figs. 10c &
10f. As a result,
lug 7 will premature-
ly release arm 8a of
locking lever 8 dur-
ing the return move-
ment of the shutter
drive ring, this
causing the mechanism
to be locked before
the synchro cocking
lever reaches the lug
8d (for detailed ex-
planation, refer to
Item b).

(c) Correct position of
lug 7 by bending in di-
rection of arrow I in
Figs. 10c & 10f.

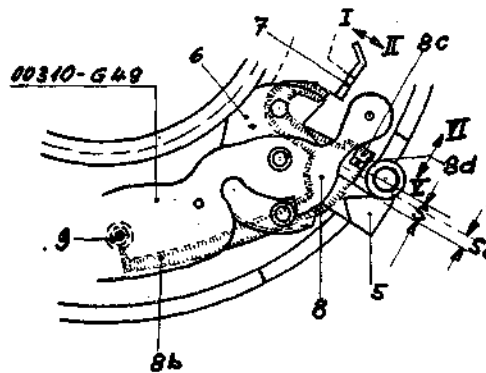


Fig. 10f
(Size 00 Shutter)

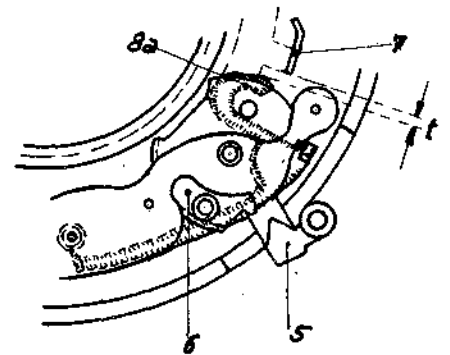


Fig. 10g
(Size 00 Shutter)

00310-G49
Delayed-Action Device

DELAYED ACTION AND SYNCHRONIZING DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(6) Shutter blades open upon delayed-action and synchronizing device being released.	With delayed-action and synchronizing device in cocked condition, distance t (Fig. 10g) is too large.	Reduce distance t , taking into consideration the types of trouble mentioned earlier.

NOTICE:- The type of trouble discussed in Item 6 of Section 4, "Delayed-Action Device" (Sheet No. 13) cannot occur in PRONTOR-SV shutters. On the other hand, the type of trouble explained in Item 7 (Sheet No. 13) may occur also in PRONTOR-SV shutters; for causes and corrective measures, refer to sheet No. 13.

7a. FLASH FIRING MECHANISM

GENERAL REMARKS

(1) Figures 11a and 11b illustrated the two hitherto produced types of flash firing mechanism used in Size 00 shutters, Fig. 11a showing an earlier design, while Fig. 11b shows the current production model. Fig. 11c illustrates the flash firing mechanism used in Size 0 shutters.

(2) In PRONTOR-SV shutters, contact is made at two different points (X- and M-contacts). The design of the X-contact is the same as that of the contact system described on Sheets No. 16 and 17, these sheets thus fully covering the PRONTOR-SV shutter.

The types of trouble discussed in the following paragraphs arise only in connection with the M-contact of the PRONTOR-SV shutter.

(3) In the case of Size 00 shutters, care should be taken to keep contact resistance as low as possible by providing for intimate contact between the arm 12 of the spring and the flange 13 of the flash fitting. In addition, the spring arms 14 and 15 are required to rest elastically against No. 2 contact lever (00295-U226 and 00310-U226, respectively).

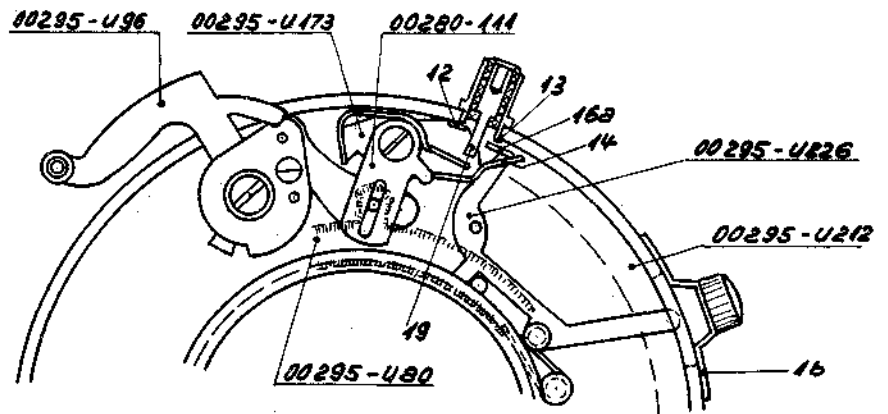


Fig. 11a
(Size 00 Shutter)
Earlier Design of Firing Mechanism

00295-U96	Cocking Lever	00280-111	No. 1 Contact Lever
00295-U80	Shutter Drive Ring	00295-U226	No. 2 Contact Lever
00295-U173	Contact Plate	00295-U212	Synchro Switch Ring

FLASH FIRING MECHANISM, cont.

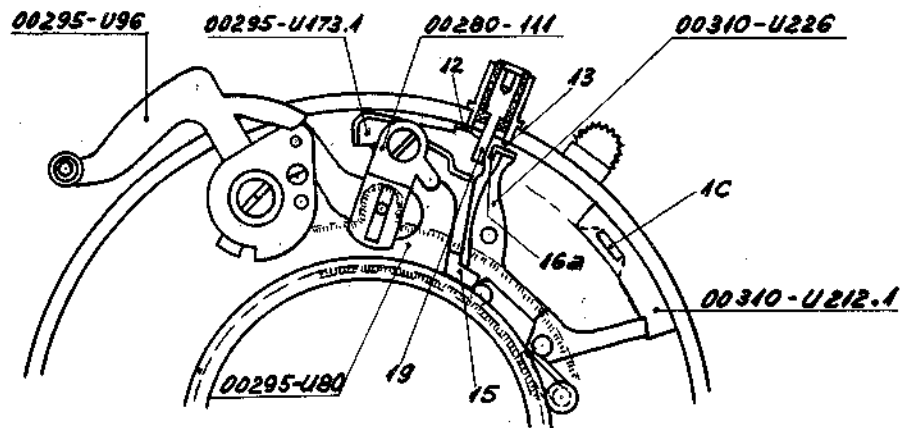


Fig. 11b
(Size 00 Shutter)
New Design of Firing Mechanism

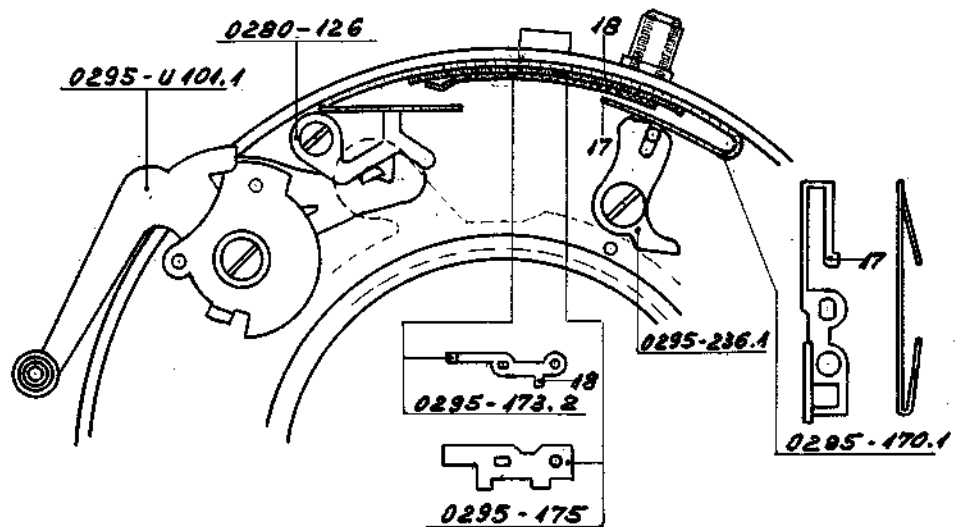


Fig. 11c
(Size 0 Shutter)

00295-U96	Cocking Lever	0280-126	No. 1 Contact Lever
00295-U80	Shutter Drive Ring	0295-U101.1	Cocking Lever
00295-U173.1	Contact Plate	0295-173.2	Contact Plate
00280-111	No. 1 Contact Lever	0295-175	Insulating Plate
00310-U226	No. 2 Contact Lever	0295-170.1	Contact Spring
00310-U212.1	Synchro Switch Ring	0295-236.1	No. 2 Contact Lever

FLASH FIRING MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
(1) Flash is not fired (assuming flash bulb and battery are in good working order).	Size O Shutters:	
	(a) Gap between spring arm 17 and arm 18 is too large.	(a) Reduce gap by bending spring arm 17.
	Size OO Shutters:	
	(b) Gap between arm 16a of contact lever and contact pin 19 is too large.	(b) Reduce gap by bending No. 2 contact lever.
	(c) No. 2 contact lever is retained by arm 1b or arm 1c, respectively, of synchro switch ring.	(c) Correct position of arm 1b or arm 1c by bending.
	(d) Plane of rotation of contact lever is not parallel with drawing plane so that contact lever fouls against base plate.	(d) Correct shape of contact lever by bending or install ne contact lever.
	Size O & OO Shutter:	
	(e) Lug 7 of shutter drive ring has excessive deflection in direction of arrow III in Fig. 10c, the result being that distance t in Fig. 10 is too small to ensure contact-making at that moment at the latest when lug 7 strikes cam surface of segment 6.	(e) Correct position of lug 7 by bending in direction of arrow IV in Fig. 10c.

FLASH FIRING MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
(2) Contact is made during shutter cocking.	(a) Gap between contact points 17 and 18 or between contact 16a and contact pin 19 is too small.	(a) Increase gap by bending the respective parts.
	(b) Due to distortion of lug L of inner release lever (see Fig. 1 in Section "Cocking Mechanism") there is an excessive distance between the stop position of the shutter cocking lever and its detent position. As a result, the shutter drive ring is rotated a corresponding amount until lug L engages edge K of cocking lever, this causing No. 2 contact lever to be released for contact-making, i.e. to be forced against spring arm 17 which, in turn, is forced against arm 18.	(b) Correct position of lug L by bending.

8a. TIME SETTING MECHANISM

TROUBLE	CAUSE	CORRECTION
	Size 00 Shutters only:-	
(1) With delayed-action and synchronizing device uncocked, time setting ring cannot be set at "B" (see Section 4a, "Delayed-Action and Synchronizing Device", Item 5).	During a preceding shutter cycle during which the shutter had been set for 1/300 sec., the delayed-action and synchronizing device has failed partially or completely to perform the last portion of its cycle. As a result, the locking lever of the delayed-action device does not permit the time setting ring to be rotated in order to be set at its "B" position.	Refer to Section 4a, "Delayed-Action and Synchronizing Device", Item 5, Steps (b) & (c).

SECOND SUPPLEMENT

to

INSTRUCTIONS ON HOW TO REPAIR

GAUTHIER CAMERA SHUTTERS

This supplement covers the fully synchronized
MODEL PRONTOR-SVS SHUTTER

CONTENTS

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on the PRONTOR-SVS Shutter

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and Synchronizer

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8b. Time Setting Mechanism
(Size O Shutter only)

52 to 53

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 33

INTRODUCTORY REMARKS ON THE PRONTOR-SVS SHUTTER

(1) The PRONTOR-SVS shutter is a development of the PRONTOR-SV. Both the general design and the mode of operation of this new shutter closely resemble those of the PRONTOR-SV.

(2) The main difference between the PRONTOR-SVS and the PRONTOR-SV is to be seen in the fact that in the PRONTOR-SVS provision has been made for the cocking operation to cause the combined delayed-action device and synchronizer to be cocked at the same time.

(3) Also the PRONTOR-SVS has a synchro switch ring permitting the shutter to be selectively set for different types of exposure. However, in contrast to the PRONTOR-SV, in which this ring can be set at two different positions, the PRONTOR-SVS has a synchro switch ring which may be set at any of three different positions. The purpose of these three positions, which are marked "M", "X" and "V", respectively, is explained here below:

"M" = Setting for flash exposures using M-type flash bulbs with shutter speeds between 1/50 and 1/300 second;

"X" = Setting for electronic flash exposures using any desired shutter speed and for flash bulb exposures with a shutter speed of up to 1/25 second;

"V" = Setting for exposures to be timed by the delayed-action device, also in combination with electronic flash (up to 1/300 second) and flash bulbs (up to 1/25 second).

Where no flash exposure is intended, the synchro switch ring may be set at "X" or "M".

It is a special feature of the PRONTOR-SVS shutter that it permits -- also in its cocked condition -- any of its settings to be repeatedly changed as desired.

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1a. COCKING MECHANISM

INTRODUCTORY REMARKS

(1) The PRONTOR-SVS shutter is cocked in the same manner as the other Gauthier shutters described earlier, i.e. either by means of the cocking lever projecting from the shutter casing or by means of the cocking shaft extending through a hole in the back of the casing.

(2) (a) Simultaneous cocking of the shutter mechanism and the delayed-action device is provided for by a system of levers (Figs. 12a and 12b) comprising a cocking arm 1 and a cocking arm 2. The cocking arm 2 is pivoted about a pin 102 carried by the segment wheel 101 of the delayed action device, whereas the cocking lever co-operates with the cocking arm 1 through a bevelled pin 103 which is riveted to the cocking lever.

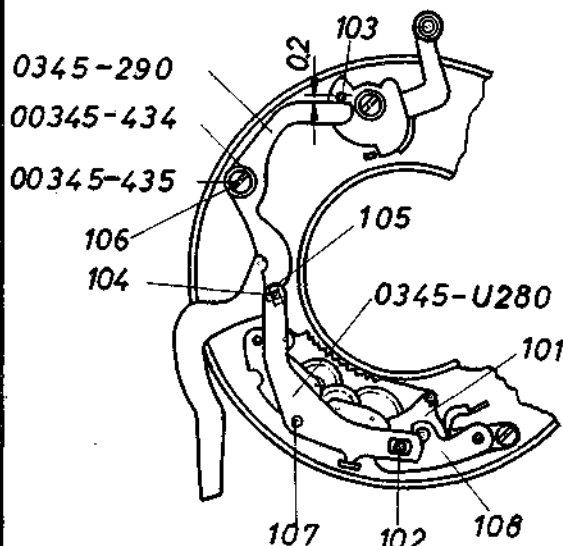


Fig. 12a
(Size 0 shutter)

0 345-290 cocking arm 1
0 345-U280 cocking arm 2
00345-434 cocking arm washer
00345-435 lug screw

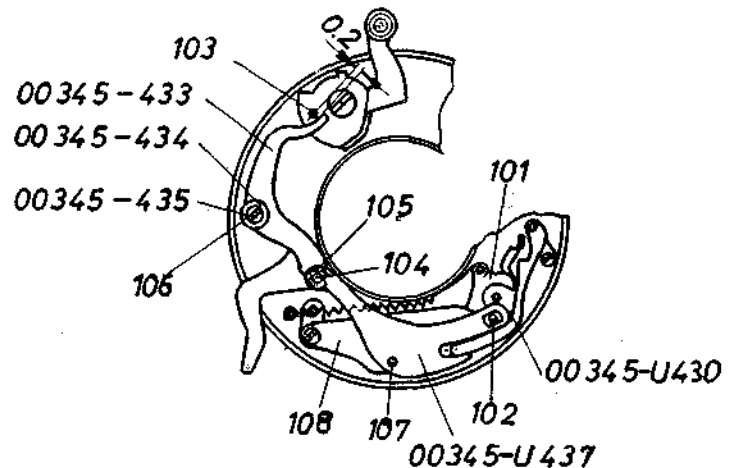


Fig. 12b
(Size 00 shutter)

00345-433 cocking arm 1
00345-U437 cocking arm 2
00345-434 cocking arm washer
00345-435 lug screw
00345-U430 supporting lever

(2) (b) The cocking arms 1 and 2, when incorporated, are interconnected by a pin-and-slot joint 104, 105.

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COCKING MECHANISM, cont.

(2) (c) The cocking arms 1 and 2 are supported as follows:

Cocking Arm 1

In size 0 and 00 shutters, the cocking arm 1 is pivoted about a pin 106 which is riveted to the base plate. In order to produce a spring action in that portion of the cocking arm which co-operates with the pin 103, the former is locked to pin 106 by means of a lug screw and a spring washer. When repairing the mechanism, be sure firmly to tighten the lug screw.

Important:

During a certain period of manufacture of size 00 shutters there was used, instead of the lug screw 00345-435 and the spring washer (cocking arm washer) 00345-434, only a screw having a higher head. When repairing such shutters, either again use the last-mentioned screw or use the screw 00345-435 in combination with the cocking arm washer 00345-434. Under no circumstances must this latter screw be used without the cocking arm washer.

Cocking Arm 2

In all shutter types, the cocking arm 2 carries a riveted axle pin 107 which projects into a bearing hole provided in the upper side plate 108 of the delayed-action device.

During an initial period of the manufacture of PRONTOR-SVS shutters, the cocking arm 2 was placed freely movable on the side plate 108 (see Figs. 12a and 12b) and was held in position by the time setting ring. In some of these shutters, cumulative assembly tolerances were compensated for by the insertion of shims between the cocking arm 2 and the time setting ring. Some of these shims are made of thin spring steel strips, while others consist of plastic material.

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COCKING MECHANISM, cont.

Where shutters of this type have to be repaired, with the existing delayed-action device being retained, the above-mentioned shims will again have to be placed in position. When it is intended to install another delayed-action device, it is first necessary to measure the distance between the upper side of the cocking arm and the upper edge of the surrounding wall (see Fig 13). If this distance is found to be in excess of .2 mm (.008"), the shim should again be inserted.

In shutters of later production, the cocking arm 2 is held in position by securing means independent of the speed setting ring. For this purpose in size 0 shutters the cocking arm is riveted to the side plate 108. The connection between the cocking arm and the pin 102 on the segment wheel 101 is established by the cocking arm roller 0345-332 which has to be inserted through a circular aperture provided at the end of the oblong slot (see Fig. 12c).

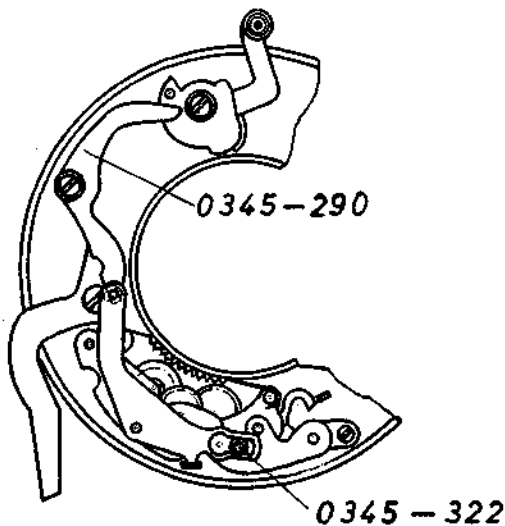


Fig. 12c
(Size 0 shutter)

- 0 345-322 cocking arm roller
- 0 345-290 cocking arm roller

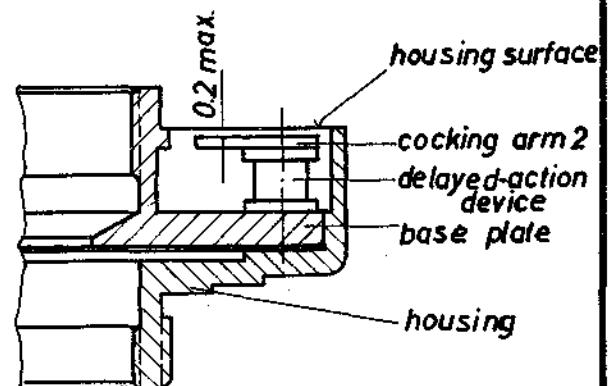


Fig. 13
(Size 0 and 00 shutter)

In the case of size 00 shutters, the cocking arm 2 can be removed from the side plate 108 also when the arm is not loosely fitted. In this case, the cocking arm is held in position either

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COCKING MECHANISM, cont.

by a screw 00345-429 which extends through a slot in the arm (see Fig. 12d) or by a rotatable interlocking rivet carried by the side plate 108 (see Fig. 12e).

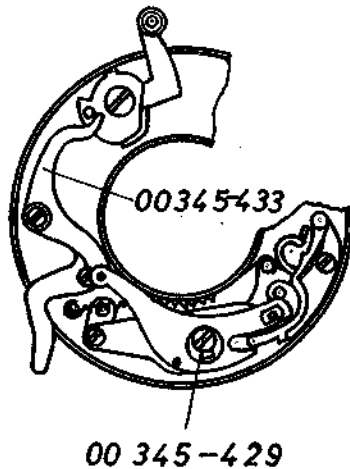


Fig. 12d
(Size 00 shutter)

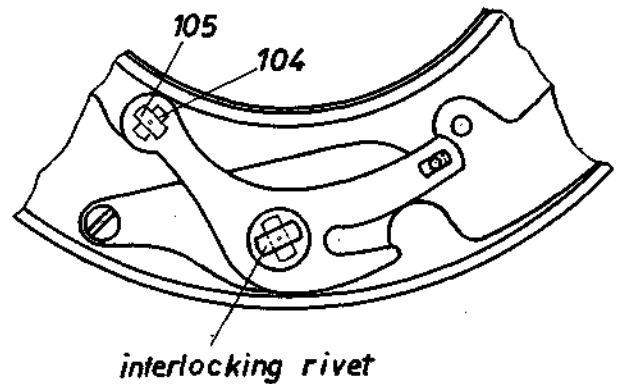


Fig. 12e
(Size 00 shutter)

00345-433 cocking arm 1
00345-429 screw for cocking arm 1

Be sure not to use any shims in the shutter mechanisms illustrated in Figs. 12c, 12d and 12e.

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	Lager Nr.	Geprüft			
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COCKING MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
(1) Operation of cocking lever fails also to cock the synchronizer and delayed-action device.	(1) Cocking rivet 103 fails to drive cocking arm 1 for the following reasons: (a) With shutter in released position, cocking arm 1 has its end on top of pin 103 rather than in front of the pin.	Bend cocking arm 2 in direction of arrow A in Fig.14 to produce a clearance of about .2 mm. (.008") between end of cocking arm 1 and pin 103.

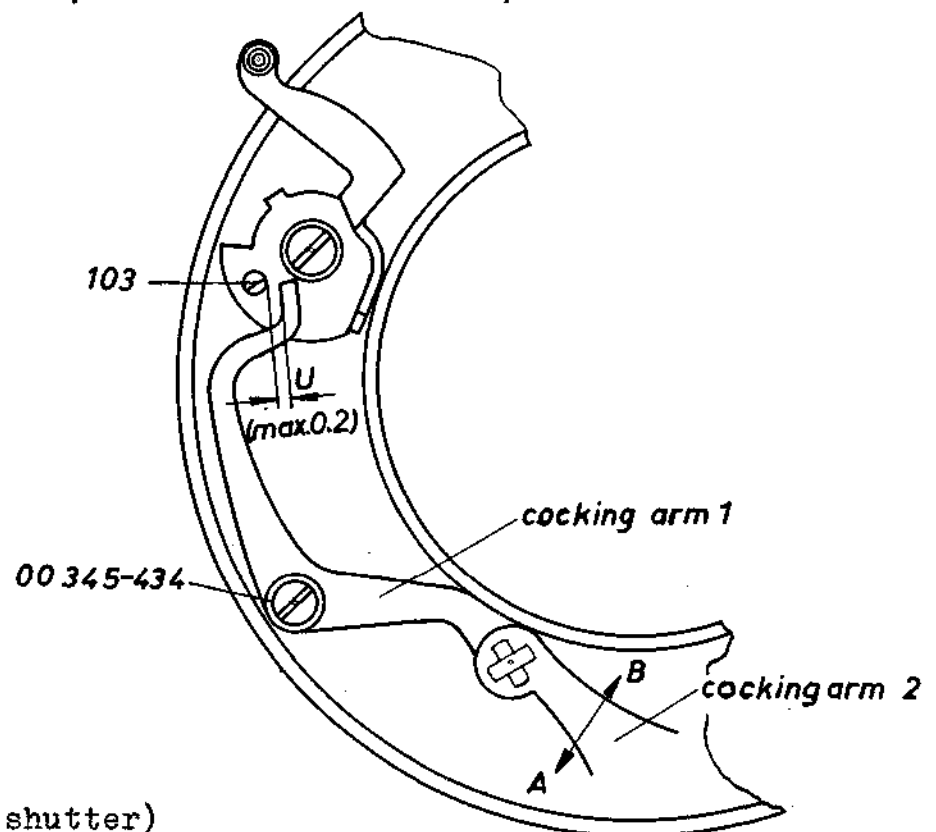


Fig. 14
(Size 0 and 00 shutter)

00345-434 cocking arm washer

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	Lager Nr.	Geprüft			
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COCKING MECHANISM, cont.

TROUBLE	CAUSE	CORRECTION
	(b) Cocking arm washer 00345-434 has no tension so that pin 103 will only lift cocking arm 1 in an axial direction without rotating it. (c) End of cocking arm 1 is bent upward. (2) Only with shutters according to Figs. 12a and 12b: Slot 101 of cocking arm 2 is disengaged from pin 102 carried by segment wheel.	Insert proper cocking arm washer 00345-434. Straighten cocking arm 1 until it is plain. Measure distance indicated in Fig. 13 and, if necessary, insert a compensating shim.
(2) The synchronizer and delayed-action device will run down immediately after cocking.	See Trouble (1) (a) under Synchronizer and Delayed-Action Device.	

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	Lager Nr.	Geprüft			
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4b. SYNCHRONIZER AND DELAYED-ACTION DEVICE

INTRODUCTORY REMARKS

In addition to the fact that the shutter itself is simultaneously cocked with the synchronizer and delayed-action device, these latter mechanisms of the PRONTOR-SVS shutter differ from those of the PRONTOR-SV as follows:

(1) Two screws (Figs. 15a and 15b) are used to secure the synchronizer and delayed-action device to the base plate. In the size 00 shutter, the screw 00345-443 also serves as a locking screw in the assembly of the shutter.

Fig. 15a
(Size 0 shutter)

0345-149
fixing screw for
delayed action device

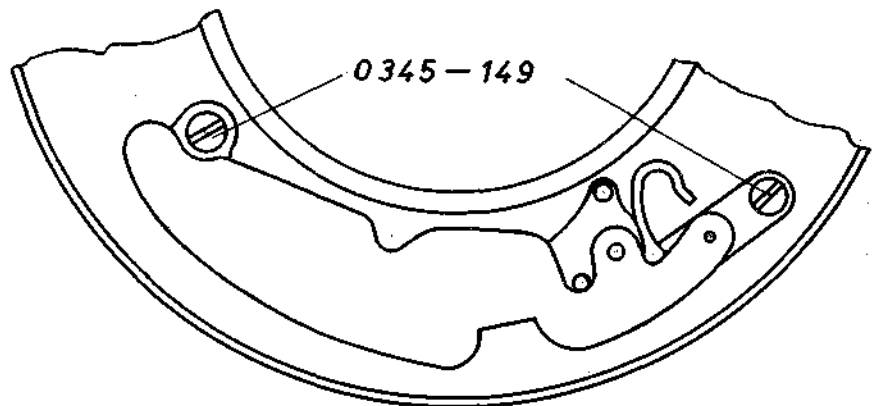
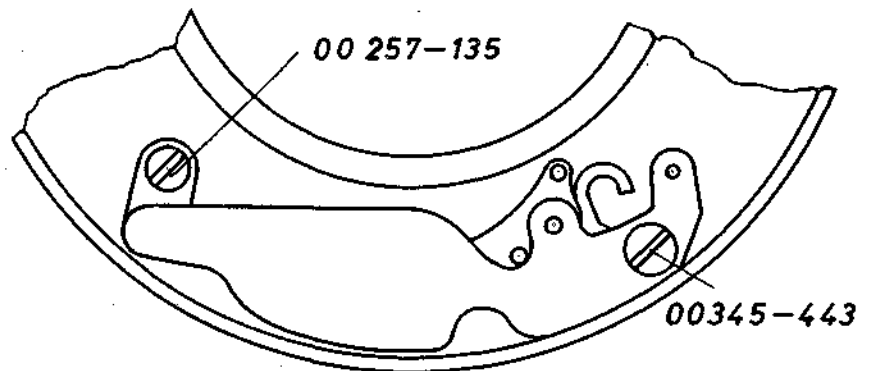


Fig. 15b
(Size 00 shutter)

00345-443
fixing screw for
delayed-action device,
long
00257-125
fixing screw for delayed-
action device, short



Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

(2) The drive spring of the PRONTOR-SVS synchronizer and delayed-action device is weaker than the corresponding spring of the PRONTOR-SV. Therefore, when removing and installing this spring, extreme care must be exercised not to distort the spring, as this would impair the dependability of the synchronizer and delayed-action device. Distorted springs must never be used again; use new springs instead.

(3) At the end of the cocking operation, the synchronizer and delayed-action device is locked by the locking lever 109 which then engages the locking pin 111 carried by first drive pinion 110 (see Figs. 16a and 16b).

In PRONTOR-SVS shutters, the upturned lug 112 of the drive ring serves to operate the locking lever in order to release the mechanism. In the course of time the design of the releasing arms of the locking levers was changed; the various shapes being indicated in dotted lines in Figs. 16a and 16b.

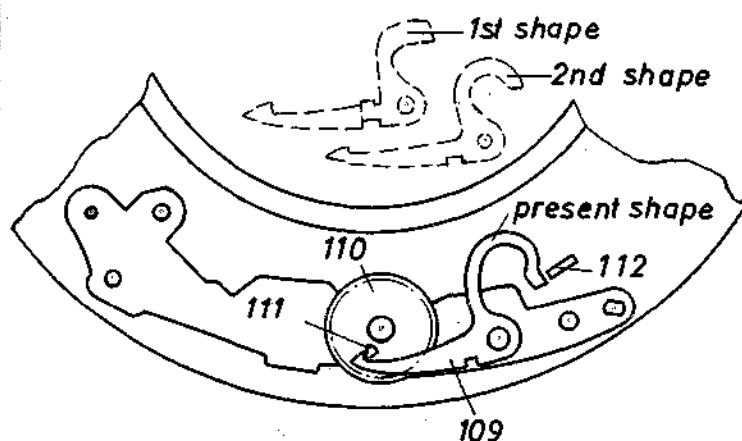


Fig. 16a
(Size 0 shutter)

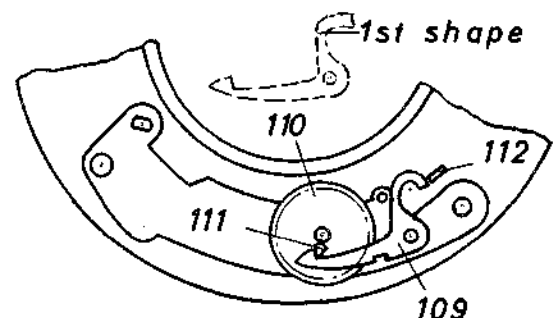


Fig. 16b
(Size 00 shutter)

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:				Sheet No. 42

SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

(4) In the PRONTOR-SVS shutter, a supporting lever serves to retain the released driving ring during the running-down period of the synchronizer and delayed-action device, this lever being operated by the cocking arm 2. The arrangement of the supporting lever is different in Size 0 and Size 00 shutters, and different methods of holding this lever in position have been adopted in the course of time. The various arrangements are described in the following paragraphs.

Size 0 Shutter

The original arrangement of the supporting lever is shown in Fig. 17a, where the supporting lever is connected to the base plate by a screw. A second arrangement is shown in Fig. 17b, where the supporting lever is pivoted about a pin carried by the base plate. Later on, in connection with the adoption of the arrangement of the cocking arm illustrated in Fig. 12c, another change was made according to which the supporting lever is mounted on the lower side plate 113 as shown in Fig. 17c.

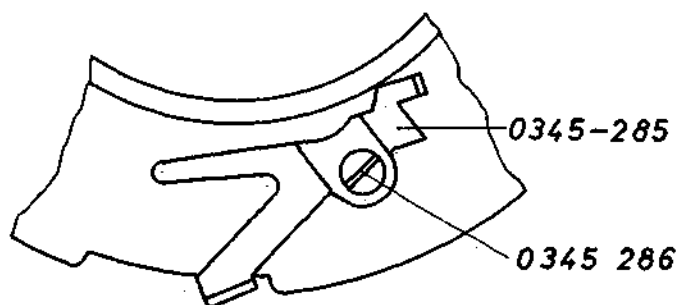


Fig. 17a
(Size 0 shutter)

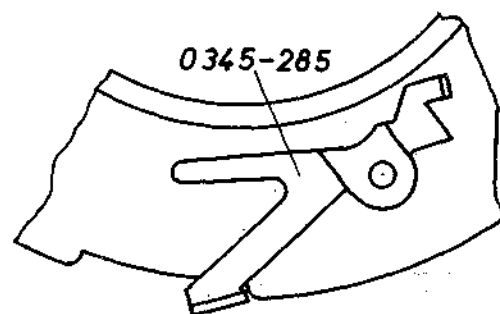


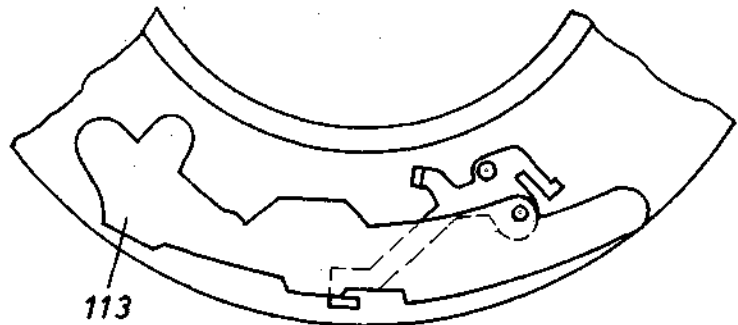
Fig. 17b
(Size 00 shutter)

0345-285 supporting lever
0345-286 supporting lever screw

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 43

SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

Fig. 17c
(Size 0 shutter)



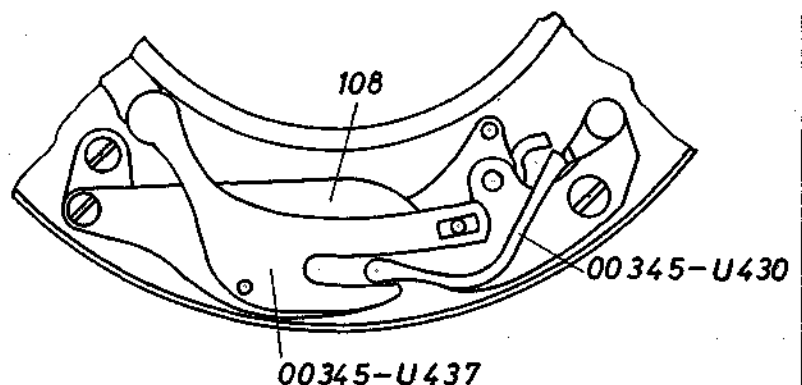
IMPORTANT:

The synchronizer and delayed-action device shown in Figs. 17a, 17b and 17c are not interchangeable. When ordering spare parts, please refer to the respective figures.

Size 00 Shutter

In size 00 shutters the supporting lever is carried by the upper side plate 108. Originally the supporting lever was mounted as shown in Fig. 17d, i.e. in the same manner as the cocking arm 2 (see Fig. 12b). What has been said about the cocking arm 2 in this respect applies in the proper sense for locking the supporting lever.

Fig. 17d
(Size 00 Shutter)



00345-U437
cocking arm 2
00345-U430
supporting lever

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	Lager Nr.	Geprüft			
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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

At a later time, when independent means were introduced to hold the cocking arm 2 in position, similar means were adopted for the supporting lever. According to this arrangement, the supporting lever is permanently attached to the side plate 108 as shown in Fig. 17e. The synchronizers and delayed-action devices illustrated in Figs. 17d and 17e are interchangeable.

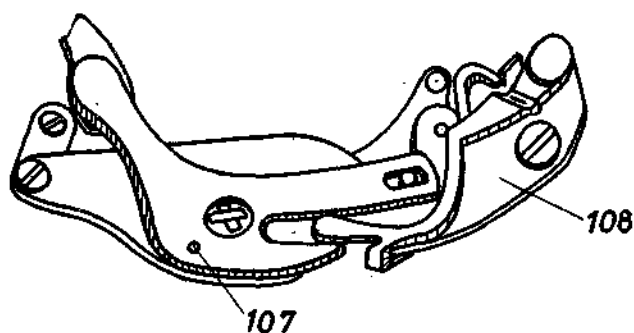


Fig. 17e
(Size 00 Shutter)

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(1) The synchronizer and delayed-action device will run down immediately after cocking	(a) Excessive distance U (Fig. 14) between locking rivet 103 and cocking arm 1. As a result, the tensioning motion of the synchronizer and delayed-action device is so short that the locking lever 109 cannot engage the locking rivet 111 of the first pinion 110. (b) Already when in its rest position, lug 112 of the drive ring shifts the locking lever 109 into its released position.	Bend the cocking arm 2 in the direction of arrow B in Fig. 14, Sheet 39, to obtain the prescribed distance U. With the release arm of the locking lever formed as shown in Figs. 16a and 16b, bend lug 112 in direction of arrow C in Fig. 18b. In all other cases, bend the release arm of the locking lever in direction of arrow D in Fig. 18a, b.

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	Lager Nr.	Geprüft			
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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(2) Whether the synchro switch ring is set at "V", "X" or "M", the shutter will not run down upon the release lever being operated, because the synchronizer and delayed-action device fails to run down.	(a) Lug 112 has been bent excessively in direction of arrow "E", so that it cannot at all or not properly shift the locking lever 109, the result being that the synchronizer and delayed-action device is not released.	Bend lug 112 in direction of arrow "F" in Figs. 18a and 18b.
	(b) Dirt has accumulated in synchronizer and delayed-action device.	Rinse mechanism in pure petrol (gasoline).

Fig. 18a
(Size 0 Shutter)

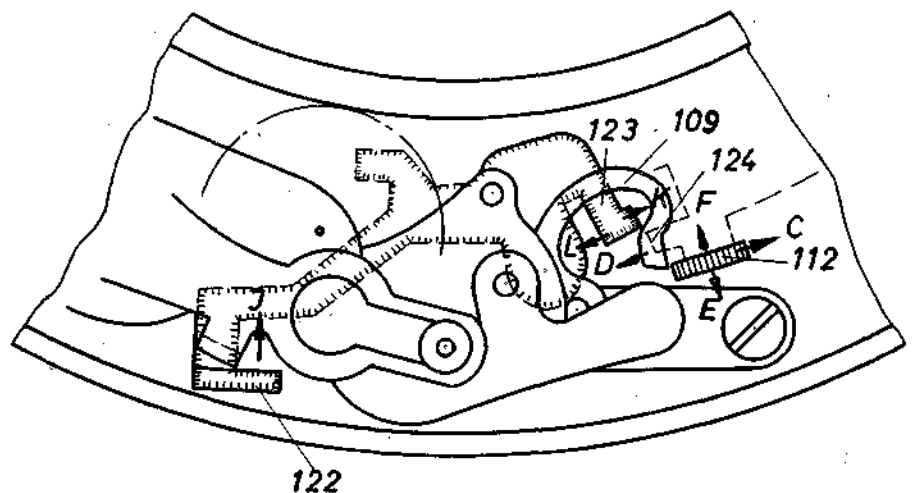
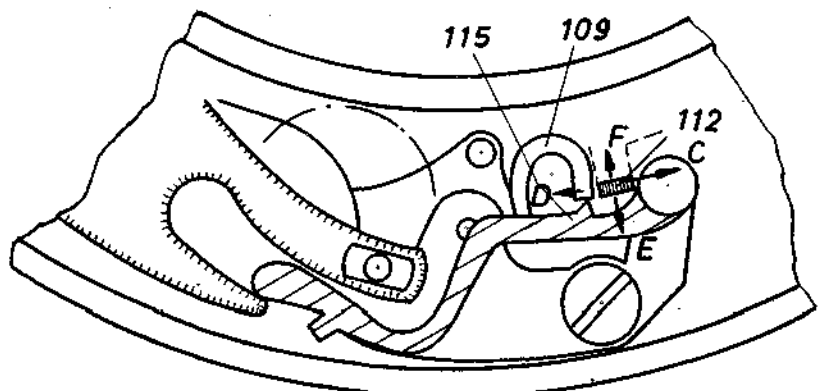
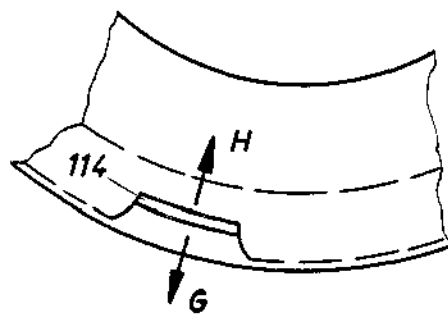


Fig. 18b
(Size 00 Shutter)



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:					Sheet No. 47

SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
(3) When the synchro-switch ring is set at "X" and "M", the shutter fails to run down upon the release being operated, whereas the delayed-action device and shutter mechanism will run down properly at "V".	Arm 114 has been excessively bent in direction of arrow "G" causing the change-over bridge to be unsufficiently rotated and the two mechanisms to be incompletely uncoupled; this will block the mechanism.	Bend arm 114 in direction of arrow "H" in Fig. 18c (i.e. vertical to drawing plane).  Fig. 18c (Size 0 and 00 Shutter)
(4) Shutter mechanism is not released after synchronizer and delayed-action device has run down.	(a) Mechanism has not run down completely.	(a) Rinse mechanism in pure petrol (gasoline). If this fails to correct the trouble, check the drive spring for proper condition. When spring is distorted, insert a new spring.

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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE		CAUSE		CORRECTION	
		(b) Size 0 Shutters: The mechanism has completely run down, but the lug 123 of the supporting lever is bent excessively in the direction of arrow "L", so that the arresting with lug 124 on the drive ring is not released at all. Fig. 18a. To release the lug 124, the supporting lever would have to be swung farther than is permitted by the running-down movement of the synchronizer and delayed-action device. This causes the lug 124 of the drive ring to remain arrested by the lug 123 of the supporting lever.		Bend lug 123 of the supporting lever in the direction of arrow "K", or bend supporting lever arm 122 in the direction of arrow "J", resp. (Fig. 18a)	
Werkstoff		Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
		Lager Nr.	Geprüft		
Maßstab:					Sheet No. 49

SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE	CAUSE	CORRECTION
	(c) Size 00 Shutters: Mechanism has completely run down, however the lug 112 of the drive ring is bent excessively in the direction of arrow "E", or the supporting lever with its locking nose 115 is bent excessively in the direction of arrow "F" in Fig. 18b. To release the lug 112, the supporting lever would have to be swung farther than is permitted by the running down movement of the synchronizer and delayed-action device. This causes the lug 112 to remain arrested by the locking lug 115.	(c) Bend that portion of the supporting lever which carries the locking nose in the direction of arrow "E". (Fig. 18b).

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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SYNCHRONIZER AND DELAYED-ACTION DEVICE, cont.

TROUBLE		CAUSE		CORRECTION	
(5) Upon the release lever being operated, the synchronizer and delayed-action device will run down properly, but the shutter itself runs down at the same time, independent of the running down of the mechanism		(a) Size 0 Shutters: The lug 123 of the supporting lever is bent excessively in the direction of arrow "K" in Fig. 18a, this preventing the lug 124 of the drive ring from being arrested at all.		(a) Bend the lug 123 of the supporting lever in the direction of arrow "L".	
		(b) Size 00 Shutters: The lug 112 of the drive ring is bent excessively in the direction of arrow "F", or the supporting lever with its locking nose 115 is bent excessively in the direction of arrow "E" in Fig. 18b, this preventing the lug 112 from being at all arrested by the locking nose 115.		(b) Bend the lug 112 in the direction of arrow "E", or bend that portion of the supporting lever which carries the locking nose 115 in the direction of arrow "F" in Fig. 18b.	
Werkstoff		Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
		Lager Nr.	Geprüft		
Maßstab:					Sheet No. 51

8b. TIME SETTING MECHANISM

(1) Instead of the original escapement mechanism used in PRONTOR-S and PRONTOR-SV shutters, a new escapement mechanism for the PRONTOR-SVS shutters size 0 has been developed in the meantime.

The new escapement mechanism, which has the stock number 0345-G20, is shown in plan view in Fig. 19. It will be seen that another escapement has been added to the earlier escapement mechanism, the additional escapement being controlled by the lever 116. A pin 117 carried by this lever co-operates with an additional control cam 118 of the time setting ring.

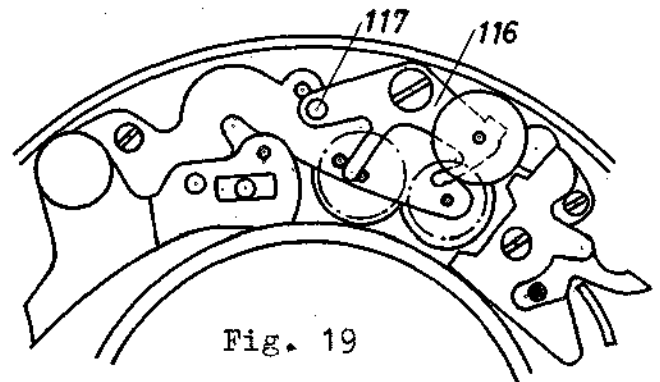


Fig. 19

The time setting ring is shown in Fig. 20a. The control cam 118 has two recesses 118a and 118b which receive the control pin 117 when the shutter is set for 1/10 second or 1 second, respectively. This causes the additional escapement to be rendered operative when one of these two settings is used.

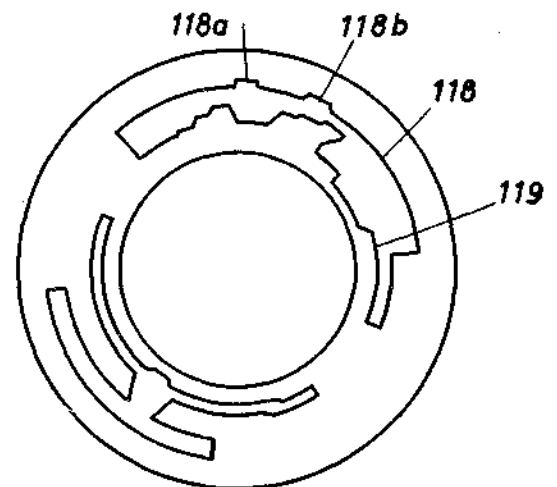


Fig. 20a

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
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TIME SETTING MECHANISM¹, cont.

As compared to the time setting ring of earlier design, the control cam 119 controlling the engagement of the anchor has been given a greater length. With the shutter set for 1/10 second, the new escapement will operate without the anchor coming into play; in the case of the earlier escapement, however, the 1/10 second setting was the first setting for which the anchor was rendered operative.

(2) The control cam 120 has been provided for the purpose of rendering the delayed-action device inoperative as soon as the shutter is set for bulb exposures. This control cam co-operates with a bent up arm 121a of the change-over bridge 121 (see Figs. 20b and 20c). With the synchro switch ring set a "V", when the setting ring is set at "B", the control cam 120 must influence the arm 121a in such a manner that the mechanism supported by the change-over bridge is separated from the remainder of the synchronizer and delayed-action device in the same way as is the case with the "X" and "M" settings.

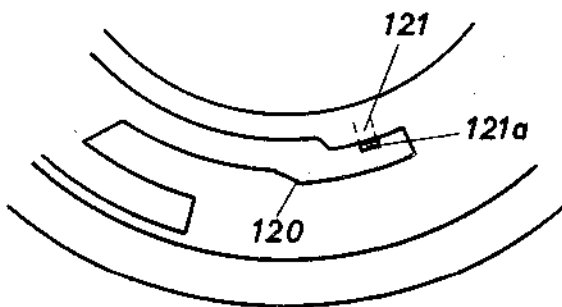


Fig. 20b

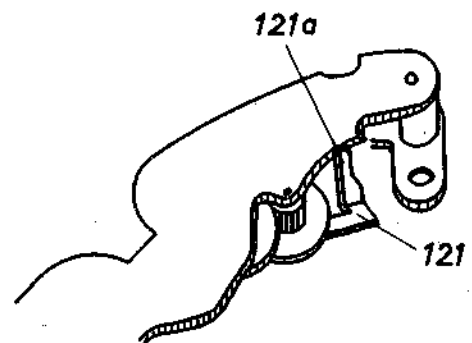


Fig. 20c

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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THIRD SUPPLEMENT
to
INSTRUCTIONS ON HOW TO REPAIR
GAUTHIER CAMERA SHUTTERS

This supplement covers the fully synchronized
MODEL PRONTOR-SVS SHUTTER
with
"Linearized" shutter speed and f-stop scales;
Shutter-speed/f-stop coupling; and
Exposure value scale.

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Introductory Remarks on the New PRONTOR-SVS Shutter

The new PRONTOR-SVS shutter is a development of the PRONTOR-SVS manufactured thus far. This new version of the well-known shutter model is characterized by the following features:-

1. COMPLETE FREEDOM OF SELECTION --- As has been the case with the earlier version of the PRONTOR-SVS, any of the adjustments, including that of the M-X-V selector lever, may be cancelled even after the shutter has been cocked.
2. BUILT-IN SELFTIMER -- While cocking the shutter will cause the selftimer to be wound simultaneously in the customary manner, the selector lever will only be caught in its "V" position after the shutter has been cocked.
3. AUTOMATIC INDICATION OF SELFTIMER EXPOSURES -- On completion of a selftimer exposure, the selector lever will be automatically returned from "V" to "X".
4. SHUTTER-SPEED/F-STOP COUPLING -- In size 00 shutters, the shutter speed setting ring is normally coupled to the diaphragm setting ring. If it is intended to set the shutter speed and f-stop separately, it is necessary to depress the coupling lever.

Size 0 shutters have a shutter-speed/f-stop coupling that can be selectively engaged and disengaged; in other words, the coupling will remain either engaged or disengaged after the coupling lever has been set at the desired position and left in that position.
5. EXPOSURE VALUE SCALE -- The exposure value scale (red numerals) is provided either on the f-stop or shutter speed setting ring. The desired exposure value is selected by setting the index mark provided on the respective other ring opposite the desired value.

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1b. Cocking Mechanism

After size 0 shutters had been manufactured for several months, it became necessary, due to difficulties arising from material properties, to modify the cocking spring assembly.

The modified assembly is characterized by the fact that the lower extension of the bearing sleeve mounted on the cocking lever is now omitted, and that the cocking lever 301, when assembled in position, rests on a roller 0345-437 which is surrounded by the cocking lever spring 0475-147.

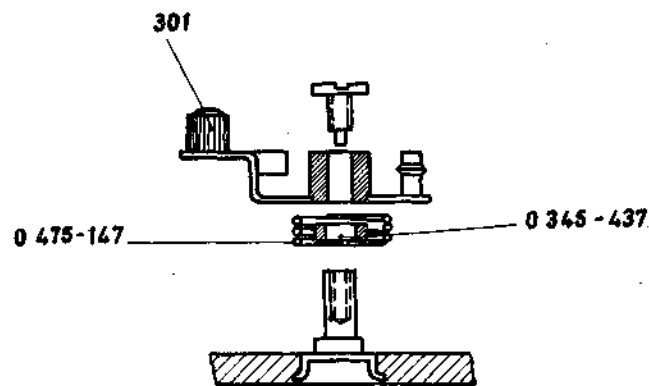


Fig. 1

Exploded side view of cocking
lever spring assembly

0345-437 - Roller

0475-147 - Cocking Lever Spring

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	Lager Nr.	Geprüft			
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2a. Release Mechanism

In the new PRONTOR-SVS model (size 0), the finger-operated release lever, in addition to its function of releasing the shutter, has the function of unlocking the change-over bridge member 210 (see Fig. 11, page 64) of the selftimer.

Further details on this point as well as on an error likely to occur during repair work, i.e.

"After the shutter is released,
the release lever will not re-
turn to its original position"

will be found in Sheets 63, 64 and 71 of Section 4c. (Selftimer and Flash synchronizer).

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	Lager Nr.	Geprüft		
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3a. Escapement Mechanism

NOTE: For sizes 00 and 0 of the new PRONTOR-SVS having a linear shutter speed scale, we have developed new escapements which are dealt with in detail in the following sheets.

1. Size 00 Shutter

a. The primary feature of the new escapement is the fact that two different escapement levers are provided for cooperation with the star wheel, these levers being selectively engageable as described in Sheets 81 and 82 (Shutter Speed Setting Mechanism).

b. During the initial period of approximately twelve months, during which the new shutters were made, the escapement 00381-G20 was used.

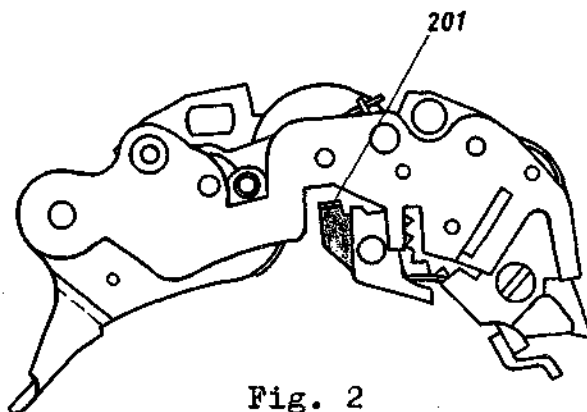


Fig. 2

Plan View of Escapements
00381-G20 and 00475-G20

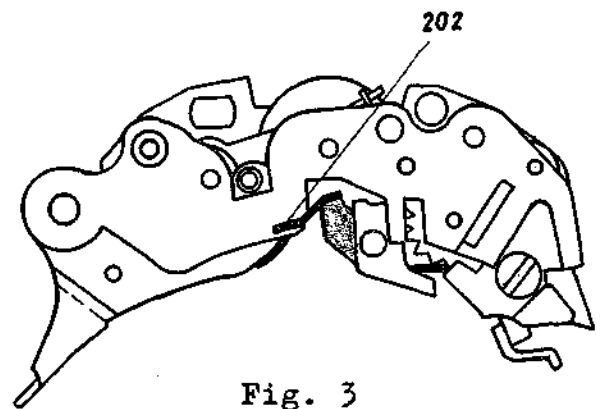


Fig. 3

Plan View of Escapements
00475-G20.1 & 00476-G20

c. In the case of the escapement 00381-G20 there existed the risk of one or both of the two levers could be bent out of shape by improper handling of the shutter, i.e. by changing the position of the speed setting ring during the running-down of the shutter (only possible during playful tampering). In order to eliminate this source of trouble, the escapement 00381-G20 has been replaced by the escapement 00476-G20 which includes a modified speed setting ring as explained in Sheet 84 (Shutter Speed Setting Mechanism).

These two escapements differ primarily in that in the escapement 00476-G20 the arm of the smaller lever has been given a greater length. In Figs. 2 to 5, the lever of the escapement 00381-G20

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Escapement Mechanism, cont.

is identified by the reference number 201, whereas that of the escapement 00476-G20 is identified by the reference number 202. In the case of escapement 00476-G20, if this is fitted with the appropriate setting ring, it is now possible to operate the setting ring at random, even while the shutter is operating, without any risk of damaging the escapement levers.

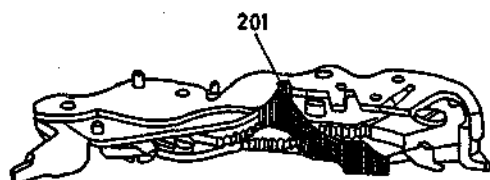


Fig. 4

Perspective View of Escapements 00381-G20 & 00475-G20

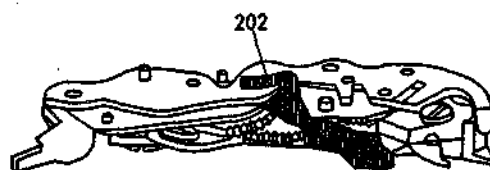


Fig. 5

Perspective View of Escapements 00475-G20.1 & 00476-G20

d. Important Hints

1. There is no difference between the escapements 00381-G20 and 00476-G20 as regards the manner in which they are inserted and mounted in position. However, these escapements may only be exchanged if the setting ring is exchanged at the same time (see Para. 3, Sheet 60).
2. Besides the escapements 00381-G20 and 00476-G20 there exist the escapements 00475-G20 and 00475-G20.1 which are almost completely identical with the former, the only difference residing in the shape of the lower mounting plate (Figs. 5a and 5b). The escapements 00381-G20 and 00476-G20 are used in all shutter models having a flash contact terminal on their rear side, whereas the escapements 00475-G20 and 00475-G20.1 are used in shutters having a contact nipple on their periphery.



Fig. 5a

Plan View of Lower Mounting Plate of Escapements
00476-G20 and
00381-G20



Fig. 5b

00475-G20.1 and
00475-G20

The portions in which these two plates differ is indicated by arrows in the above diagrams.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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Escapement Mechanism, cont.

3. In view of Para. D.1., Sheet 59, and in order to ensure in a simple manner that the proper setting ring will be supplied, repair shops are herewith requested, whenever ordering an escapement 00475-G20.1 or 00476-G20 as a replacement, also to send in the associated setting ring.

2. Size 0 Shutter

a. The main feature of this new model is the fact that it has two separate lever escapements.

b. During a first period of manufacture which lasted for more than one year, the escapement 0475-G20 was used. A variety of styles of this escapement were used; they can be distinguished by the different appearance of the parts of the lever escapement arranged on the upper plate. These differences result from the fact that some parts are black-finished, while others are chrome-plated or made of bronze. All of these escapements are interchangeable at random. The mode of operation of the escapement is described on Sheet 85 (Shutter Speed setting Mechanism).

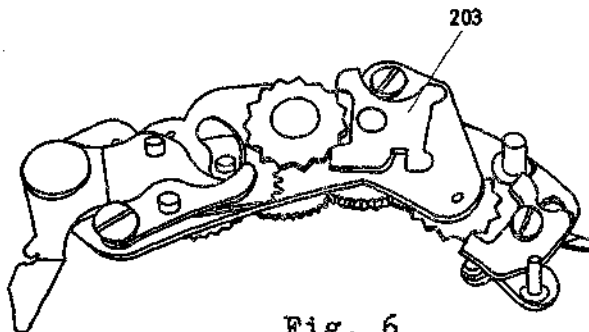


Fig. 6

Plan View of Escapement
0475-G20

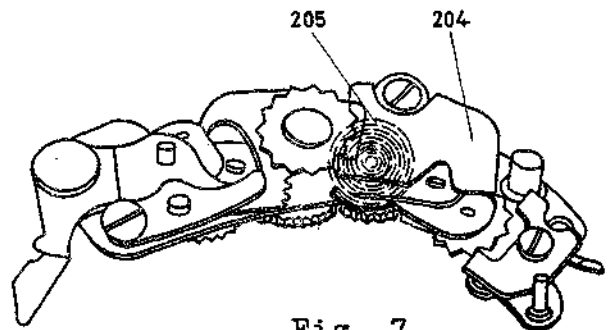


Fig. 7

Plan View of Escapement
0475-G20.1

c. In order to permit of easier adjustment of the various shutter speeds, the escapement 0475-G20 shown in Fig. 6 has been replaced by the escapement 0475-G20.1 shown in Fig. 7. The latter differs from the former in that the escapement lever mounted on the upper plate is of different design and that a spiral return spring 205 has been provided between the upper plate of the movement and the plate carrying the upper escapement lever.

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	Lager Nr.	Geprüft		
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Escapement Mechanism, cont.

In Figs. 6 and 7, the levers of the escapements 0475-G20 and 0475-G20.1 are respectively indicated by the reference numbers 203 and 204.

d. Important: The two escapements 0475-G20 and 0475-G20.1 are fully interchangeable in the shutters.

Werkstoff.	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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4c. Selftimer and Flash Synchronizer

NOTE: The new PRONTOR-SVS, which is available in two sizes, is fitted with a redesigned selftimer which is described below.

1. Size 00 Shutter

a. The new selftimer of the PRONTOR-SVS differs from its fore-runner in that an additional lever is provided on the under side of the lower mounting plate. This lever, which is indicated by the reference numeral 206 in Fig. 8, is in positive engagement with the change-over bridge member 207.

b. The lever 206 is arranged to be operated by a control pin 208 (Fig. 9) carried by the drive ring in such a manner that, with the shutter inoperative, the change-over bridge 207 is also inoperative. During its short travel from its rest position up to the point of release, the pin 208 will unlock the lever 206, so that, with the change-over ring set at "V", the disengagable gear wheel 302 carried by the change-over bridge will be brought into mesh with the gear wheel 303 which is operatively connected with the remainder of the mechanism. Fig. 9 illustrates the proper position of the parts involved, i.e. the complete engagement between the gears 302 and 303 immediately before the movement is released by the locking lever 109.

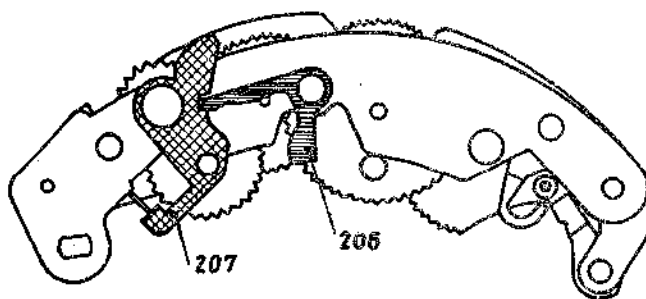


Fig. 8

Selftimer 00375-G49
Underneath View of
Lower Plate

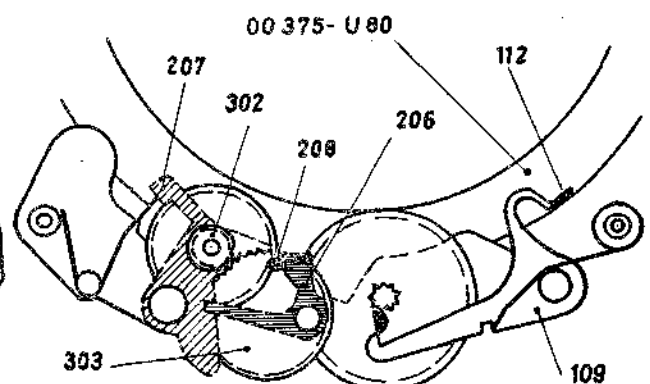


Fig. 9

selftimer 00375-G49
Position immediately
before Release

00375-U80: Drive Ring
112: Lug on Drive Ring
109: Locking Lever (see p.42)

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	repair Instructions				Sheet No. 62

Selftimer and Flash synchronizer, cont.

With the settings "X" or "M", however, the cooperation between the control pin 208 and the lever 206 is of no consequence, as in these cases the lug⁴⁴⁴ on the change-over ring (see Sheet 48) will have disengaged the change-over bridge.

c. The new selftimer 00375-G49 is not interchangeable with the selftimer 00345-G49 of earlier design.

d. Arranged on the upper plate of the selftimer is a two-armed lever 00375-U543 which serves as a detent keeping the shutter speed setting ring in its respective definite position (for details on the functioning of this lever, refer to Sheet 84, Shutter Speed Setting Mechanism). The detent lever 00375-U543 is pivoted on the trunnion screw 00375-443 which also serves to hold the selftimer mechanism in position. The lever 00375-U543 is supported from the wall of the shutter casing by the spring 00375-546.

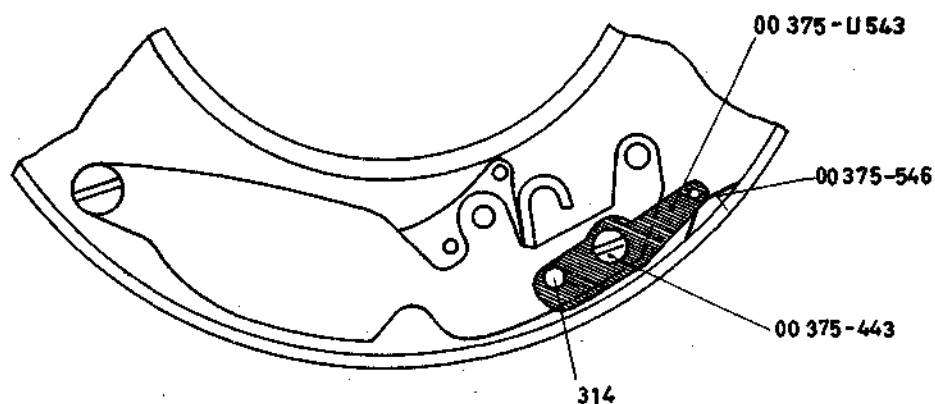


Fig. 10

Plan View of Selftimer Upper Plate
with Detent Lever 00375-U543

00375-443: Trunnion screw
00375-U543: Detent Lever
00375-546: Spring
314: Rivet on Detent Lever

2. Size 0 Shutter

a. The new selftimer differs from the selftimer of earlier design by the provision of an additional lever 209 (Fig. 11) on the under side of the lower carrier plate. This lever, which func-

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 63

Selftimer and Flash synchronizer, cont.

tions as a locking lever, cooperates with the change-over bridge 210 on the one hand and with the lug 211a of the release lever on the other (see Figs. 12 and 13).

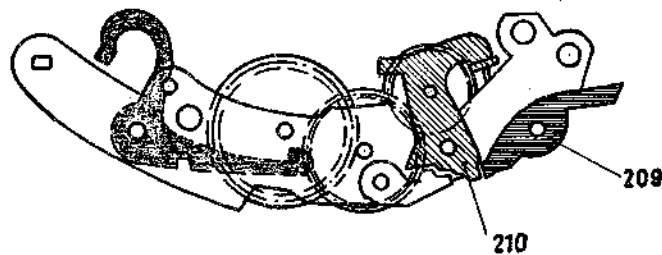


Fig. 11

Plan View of Lower Plate
of Selftimer 0475-G54

b. Lever 209 cooperates with the change-over bridge and the release lever in the following manner: Upon the release lever 211 being depressed, its arm 211a will swing the locking lever 209 round, thus releasing the change-over bridge (Fig. 12).

With the shutter in its "M" or "X" position, this will be of no consequence, the lug 114 (see Sheet 48) of the change-over ring keeping the change-over bridge disengaged, whereas in the "V" position the pinion 304 carried by the change-over bridge will be brought into mesh with the first gear wheel 305 of the remaining mechanism under the influence of the changeover-bridge spring.

As soon as the drive ring, during its shutter opening movement following the running-down of the selftimer, reaches a position in which the shutter blades are fully open, the lug 212 carried by the drive ring will strike the arm 210a of the change-over bridge, swinging the bridge around so that the latter can again be locked by the locking lever 209 engaging the nose 210b of the bridge member.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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Selftimer and Flash Synchronizer, cont.

d. The new selftimer 0475-G54 is not interchangeable with any of the selftimers of earlier design.

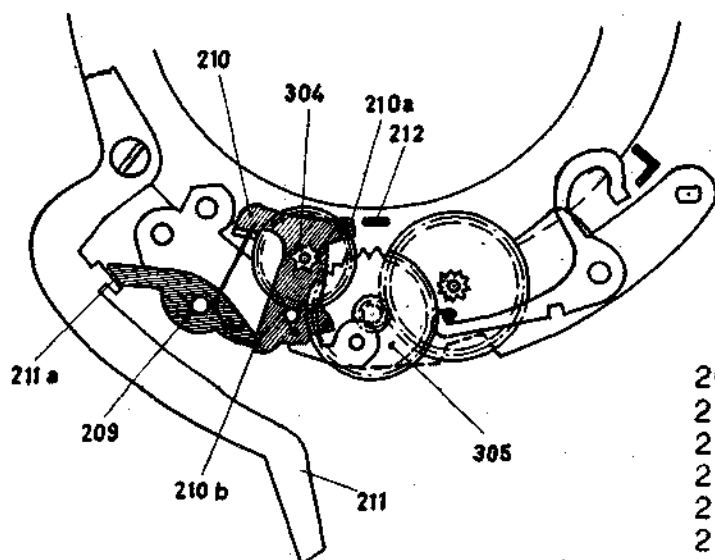


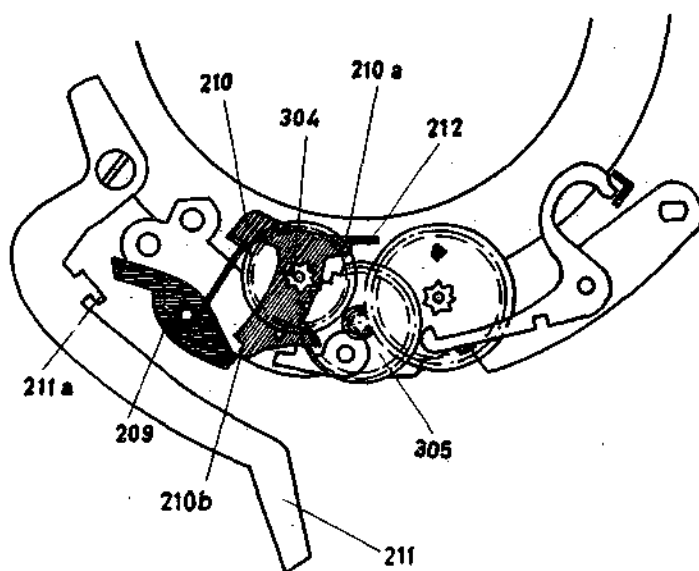
Fig. 12

Plan View of Selftimer with change-over bridge still locked in position

- 209 Locking Lever
- 210 Change-Over Bridge
- 210a Change-Over Bridge Arm
- 210b Change-Over Bridge Nose
- 211 Release Lever
- 211a Release Lever Lug
- 212 Drive Ring Lug
- 304 Disengageable Pinion
- 305 Gear Wheel

Fig. 13

Plan view of Selftimer
Lug 212 is just striking
arm 210a of change-over
bridge so that the latter
is locked in position by
lever 209 engaging nose
210b of change-over
bridge.



Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 65

Selftimer and Flash Synchronizer, cont.

3. A Special Feature

of the new PRONTOR-SVS is to be seen in the fact that the selector lever will be automatically returned from "V" to "X" upon a selftimer exposure being completed. This automatic resetting operation is effected as follows:-

a. Size 00 Shutter

The spring 00475-541 (see Fig. 14), which, while housed in the shutter casing, engages the change-over ring tends to hold the latter in its "X" position.

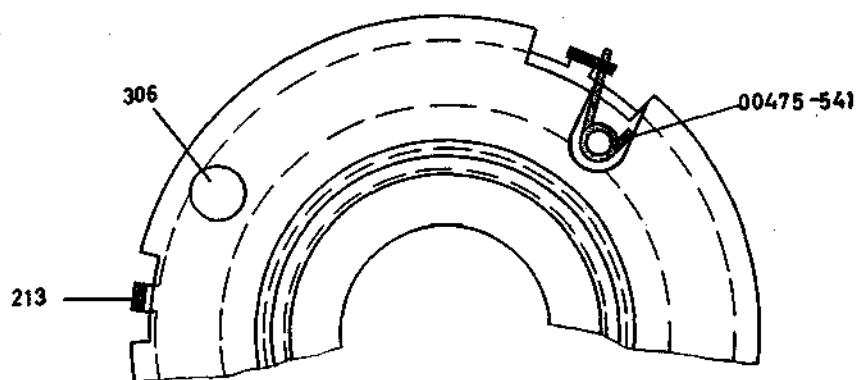


Fig. 14

00475-541 Spring
306 Cocking Lever Pivot

Cocking the shutter will cause the lug of the cocking lever to release the detent spring 00475-538. The latter cooperates with an upturned lug 213 on the change-over ring in such a manner that, when the change-over ring is moved from "X" to "V" with the shutter cocked, a shoulder 214 (Fig. 15) provided in the spring is engaged with the rear face of lug 213 so as to retain the change-over ring in its "V" position against the action of spring 00475-541. Upon the exposure being completed, the cocking lever will return to its original position, swinging the free arm of the spring towards the wall of the shutter casing, thus causing the lug 213 of the change-over ring to be disengaged from the shoulder of the detent spring, so that the spring 00475-541 can return the change-over ring to its "X" position.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 66

Selftimer and Flash synchronizer, cont.

With the shutter in its non-cocked condition, the detent spring rests against the wall of the shutter casing. To ensure proper engagement, there should be a clearance of approximately 0.1 mm. or .004" between the offset portion of the spring 00475-538 and the wall of the shutter casing (see Fig. 16).

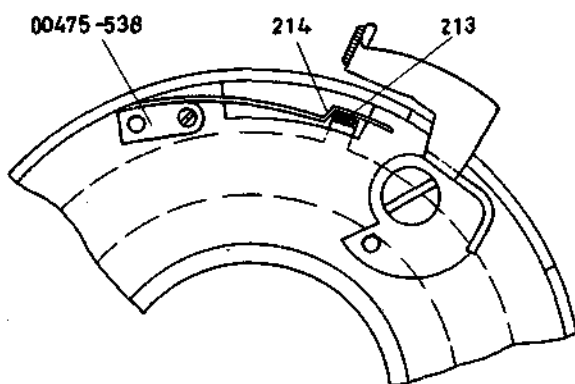


Fig. 15

Position of detent spring with shutter cocked. Lug 213 is engaged behind shoulder 214.

00475-538 Detent Spring

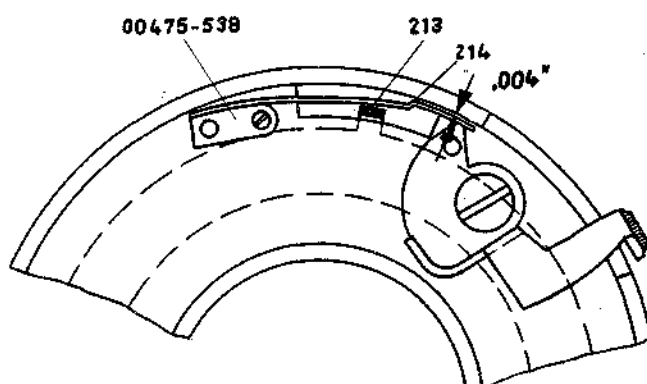


Fig. 16

Position of detent spring with non-cocked shutter. The point of the cocking lever urges the spring 00475-538 towards the wall of the shutter casing.

b. Size 0 Shutter

In size 0 shutters, a detent lever 0475-386 is employed instead of a detent spring. This lever is engaged by the free end of the cocking lever spring, so that the long arm of the lever, with the shutter cocked, is urged against an upstanding pin 106 as shown in Fig. 19. With the shutter uncocked, however, the bevelled pin carried by the cocking lever engages the short arm of the detent lever, so that the long arm of the lever is swung away from the pin against the action of the cocking lever spring (see Fig. 18). The automatic return from "V" to "X" is effected by a spring 0475-375 (Fig. 17) provided in the shutter casing and arranged to engage the change-over ring so as to tend to retain the ring in its "X" position.

The change-over ring carries an upturned lug 213 having a slot in which the nose 215 of the detent lever 0475-386 is engaged upon the shutter being cocked and the change-over ring being set at "V".

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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Selftimer and Flash Synchronizer, cont.

Upon completion of an exposure, the cocking lever will return to its original position, urging its pin against the detent lever and thus urging the latter away from the pin 106 against the action of the spring (see Fig. 18). This causes the nose 215 to leave the slot in lug 213, so that the change-over ring is free to be returned to its "X" position by spring 0475-375.

Fig. 17

Plan view of Arrangement of Spring 0475-375

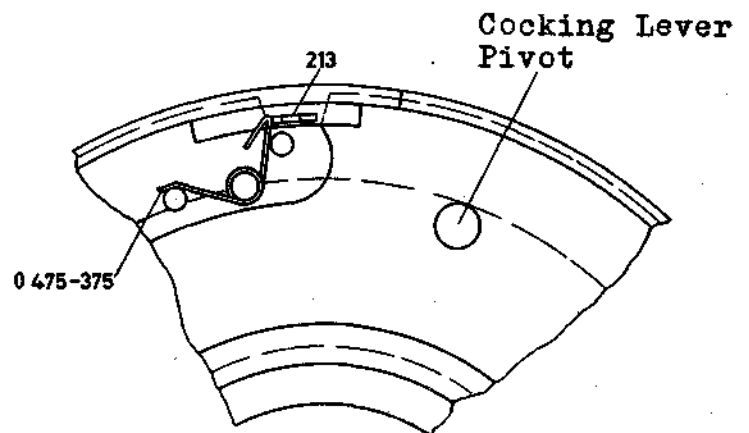


Fig. 18

Shutter Uncocked

0475-386 "V" Detent Lever

308 Cocking Lever

309 Cocking Lever Spring

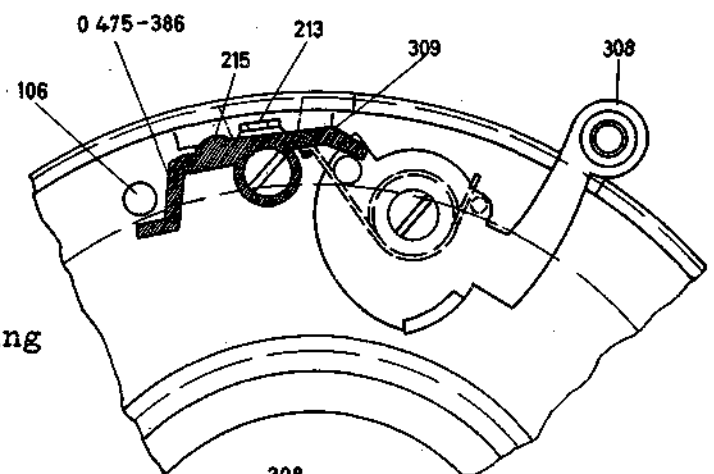


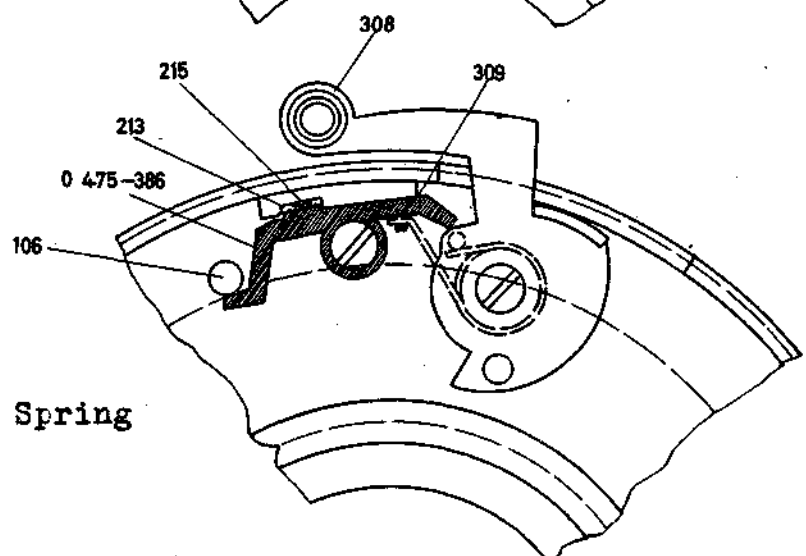
Fig. 19

Shutter Cocked and in "V" Position

0475-386 "V" Detent Lever

308 Cocking Lever

309 Cocking Lever Spring



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 68

Selftimer and Flash Synchronizer, cont.

SIZE 00 SHUTTER

TROUBLE	CAUSE	CORRECTION
1. With shutter in "V" position, depressing the release will not cause the self-timer to run down, the shutter being opened immediately.	The teeth of the hollow pinion 302 of change-over bridge 207 come too late into mesh with the driving gear. Thus the cocking lever is released before the change-over bridge has coupled the two sections of the selftimer. Therefore, the shutter operates as if in the "X" or "M" position.	Provide for shutter to operate as described in Para. 1b on sheet 62, i.e. in such a manner that the hollow pinion 302 and the gear wheel 303 are in full mesh before locking lever 109 releases the movement.
2. With the shutter cocked, the M-X-y selector lever is not caught in its "V" position.	The shoulder 214 of detent spring 00475-538 does not properly engage the rear face of lug 213, as the clearance of approx. .1 mm. or .004" has not been provided (cf. Fig. 16 on Sheet 67).	Provide for clearance of approx. .1 mm. or .004" between detent spring 00475-538 and inner periphery of shutter casing wall.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
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Selftimer and Flash Synchronizer, cont.

SIZE 00 SHUTTER

TROUBLE		CAUSE		CORRECTION	
3. After the shutter has been released in its "V" position, the M-X-V selector lever will <u>not</u> return to its "X" position.		The detent spring 00475-538 is prevented by lug 213 to return to its original position.		Para. 2 on the preceding sheet is applicable.	
Werkstoff		Modell Nr.	Gezeichnet	Alfred Gauthier G. m. b. H. Calmbach a. d. Enz	
		Lager Nr.	Geprüft		
Maßstab:	Repair Instructions				Sheet No. 70

Selftimer and Flash Synchronizer, cont.

SIZE O SHUTTER

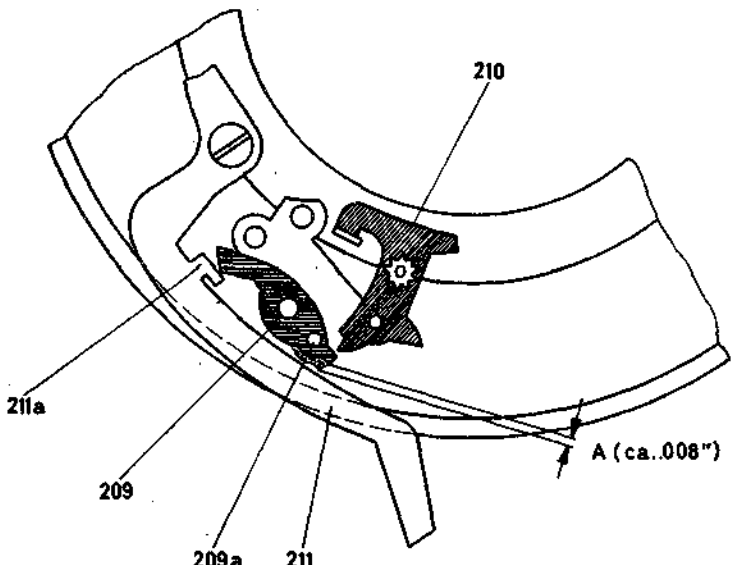
TROUBLE	CAUSE	CORRECTION
1. Upon the shutter being released, the release lever will <u>not</u> return to its original position. 	Upon the release lever being depressed, its nose 211a jams against lever 209.	Bend nose 211a for proper cooperation with lever 209 in such a manner that the latter has not yet reached its <u>extreme position</u> when release lever 211 has been depressed as far as it will go; a sufficient safety margin for this condition to be satisfied is provided if it is possible, using a pair of tweezers, to move lever 209 by its rivet 209a for an extra 0.2 mm. or .008" (see Fig. 19a).
2. With the shutter cocked, the M-X-V selector lever is <u>not</u> caught in its "V" position.	Nose B of "V" position detent lever 0475-386 fails completely or partially to engage in the rectangular notch of lug 213 (see Fig. 19b).	Bend extension C (Fig. 19b) of detent lever 0475-386 in such a manner that with the lever engaging the upstanding pin 106 the nose B of the lever engages in the notch of lug 213 to a sufficient depth,

Fig. 19a

Release lever 211 has been depressed as far as it will go, but lever 209 has not yet reached its extreme position.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 71

Selftimer and Flash synchronizer, cont.

SIZE 0 SHUTTER

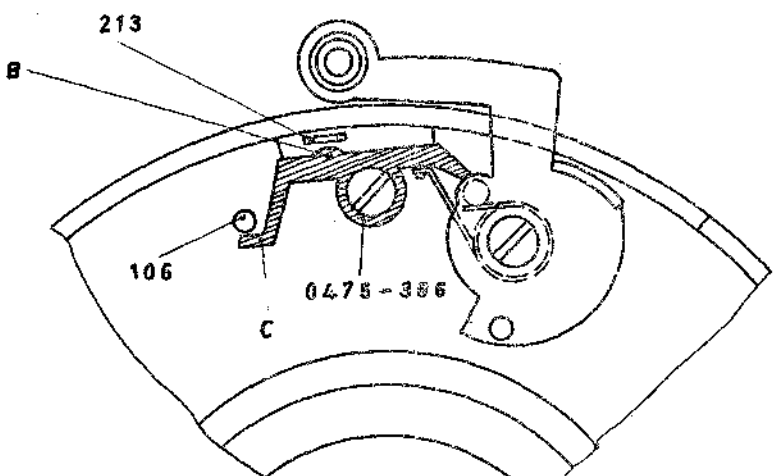
TROUBLE	CAUSE	CORRECTION
 The diagram shows a cross-section of a mechanical shutter assembly. A detent lever, labeled 0475-386, is shown in a position where its nose (B) is not fully engaged in a slot (213). The extension (C) of the lever is in contact with an upstanding pin (106). The lever is curved, and the slot is located at the top of the assembly.		but not so deep as to impede the return movement of lug 213.

Fig. 19b

Nose B of detent lever 0475-386 cannot engage in the slot of lug 213, as the extension C of the detent lever comes too early into contact with the upstanding pin 106.

3. With shutter in "V" position, depressing the release will not cause the self-timer to run down, the shutter being opened immediately.	Due to excessive lost motion D (fig. 19c) between nose 211a and lever 209 at the moment the release lever 211 is depressed, it is not until the release of the cocking lever and hence the selftimer that the change-over bridge 210 is released. Thus, the front section of the selftimer (synchronizer) will have run down before the change-over bridge has coupled the two sections of the	Bend nose 211a of release lever 211 to provide for proper functioning, i.e. in such a manner that the change-over bridge 210 is unlocked before the cocking lever is released.
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Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
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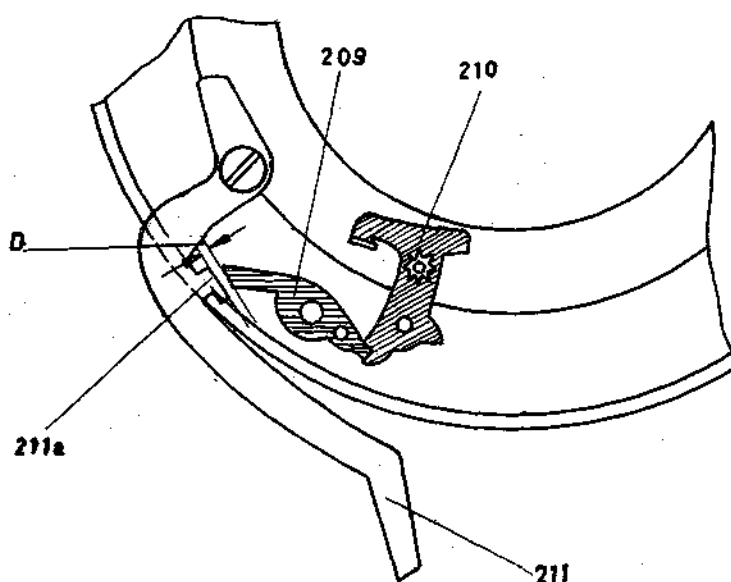
Selftimer and Flash Synchronizer, cont.

SIZE O SHUTTER

TROUBLE	CAUSE	CORRECTION
	selftimer. Therefore, the mechanism will operate in the same manner as in its "X" or "M" position.	

Fig. 19c

There exists an excessive lost motion D between nose 211a and locking lever 209.



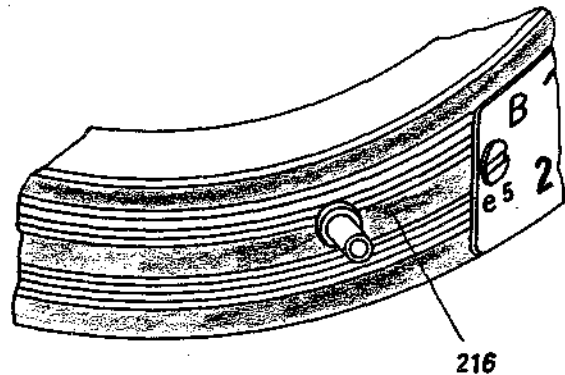
Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 73

5a. Shutter Blade system

1. For use in Size 0 PRONTOR-SVS shutters we have developed reinforced shutter blades. Shutters fitted with these reinforced blades bearing the number 0475-U130 can be identified in general by the fact that the serrations provided on the periphery of the shutter casing are interrupted, as shown in Fig. 20, by a central plain strip 216 or by the fact that the periphery of the casing shows only a single groove.

Fig. 20

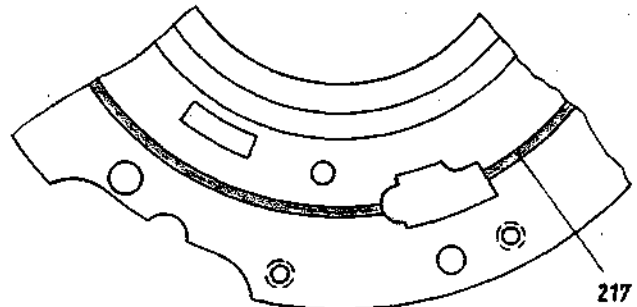
Fragmentary view of Periphery of Shutter Casing showing Plain Strip between Grooves



Another distinguishing feature of all of these shutters, including those having no peripheral grooves, is a circular groove provided on top of the mounting plate as shown at 217 in Fig. 21.

Fig. 21

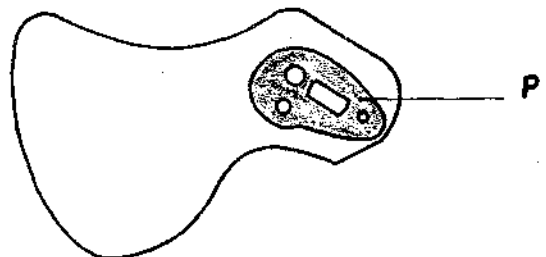
Plan View of Mounting Plate Upper Side with Identification Groove 217.



2. The shutter blades are reinforced with a plate P surrounding the pivot hole and riveted in position (see Fig. 22). The fact should be noted that in four blades the reinforcing plate is on the upper side, whereas in the fifth blade it is on the under side. Please, be sure to order four blades 0475-U130 and one blade 0475-U130a.

Fig. 22

Plan View of Blade 0475-U130



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 74

Shutter Blade System, cont.

Fig. 23 shows the position of the fifth shutter blade in its assembled position. With the shutter viewed in the direction of its axis, this blade is nearest the diaphragm cover plate.

Another feature indicating the proper position of the fifth blade is the milled recess 218 (Fig. 24) of large diameter surrounding the pivot screw of the fifth blade.

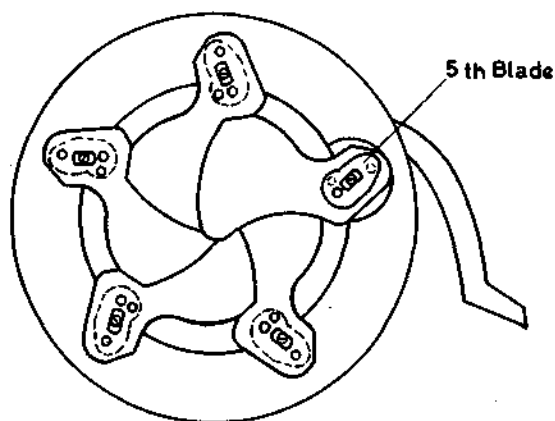


Fig. 23

Arrangement of Shutter Blades,
particularly of the Fifth Blade
0475-U130a

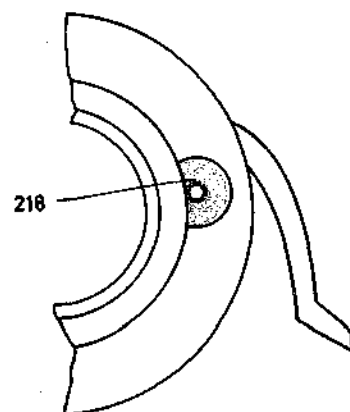


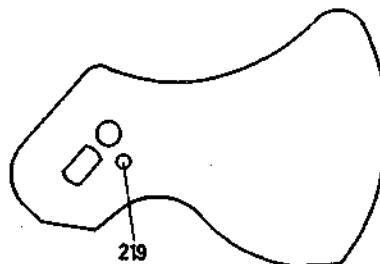
Fig. 24

The Large-Diameter Milled
Recess surrounding the Pivot
Screw of the Fifth Blade

3. At a later time the availability of a more suitable grade of sheet steel for shutter blades made it possible to dispense with the reinforcing plates 0475-334. The shutter blades made of this new material and having no reinforcing plates are clearly identified by an extra hole 219 as shown in Fig. 25.

Fig. 25

Shutter Blade of New Design
having no Reinforcing Plate
Stock No. 0475-130.1



Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 75

Shutter Blade system, cont.

4. **IMPORTANT:** Please note the fact that the reinforced shutter blades 0475-U130 are not interchangeable with the non-reinforced shutter blades 0475-130.1 identified by the hole 219.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 76

6a. Diaphragm System

Introductory Remarks

1. Whereas the former PRONTOR-SVS shutters had ten diaphragm blades, the number of blades has been reduced in the new shutters as follows: Size 00 shutters have five diaphragm blades, and Size 0 shutters have eight diaphragm blades.
2. In conjunction with the adoption of a linear f-stop scale, the diaphragm blades for the new shutter versions have been re-designed as shown in Figs. 26 and 27 below.



Fig. 26

Diaphragm Blade 00375-U5
for Size 00 Shutters

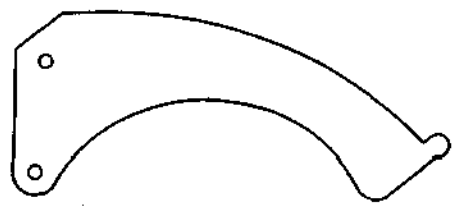


Fig. 27

Diaphragm Blade 0475-U5
for Size 0 Shutters

Shown below in Figs. 28 and 29 are the diaphragm blade control rings for Size 00 and 0 shutters.

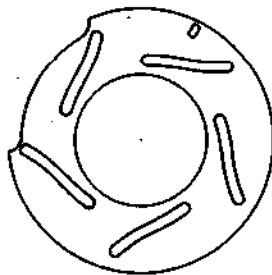


Fig. 28

Control Ring 00475-8
for Diaphragm Blades 00375-U5

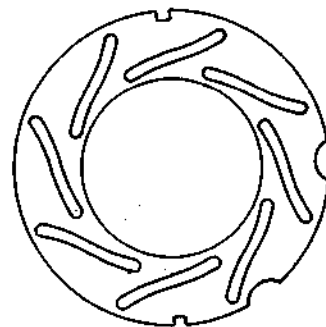


Fig. 29

Control Ring 0475-8
for Diaphragm Blades 0475-U5

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 77

Diaphragm System, cont.

3. Size 0 shutters fitted with reinforced shutter blades 0475-U130 have the diaphragm cover plate 0475-U10.1 shown in Fig. 30 below.

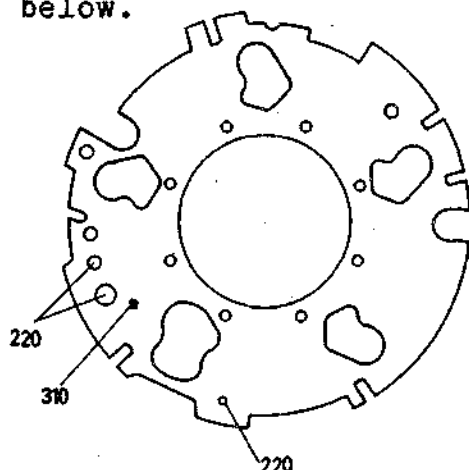


Fig. 30

Diaphragm Cover Plate 0475-U10.1 for use with Reinforced Shutter Blades 0475-U130

IMPORTANT: Figs. 31 and 32 respectively show two different types of diaphragm cover plates used earlier, i.e. the plates 0475-10 and 0475-10.1. The cover plate 0475-U10.1 differs from those of Figs. 31 and 32 in that it has the two holes 220 and the rivet 310 shown in Fig. 30. The diaphragm cover plates 0475-10 and 0475-10.1 are interchangeable with the cover plate 0475-U10.1.

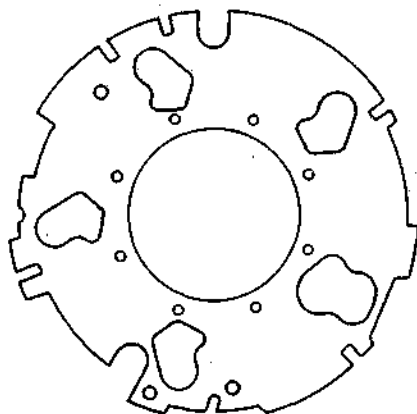


Fig. 31

Diaphragm Cover Plate 0475-10

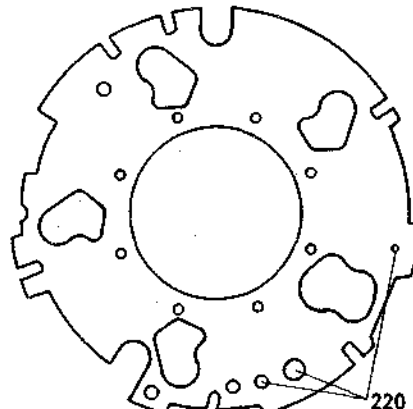


Fig. 32

Diaphragm Cover Plate 0475-10.1

Please, be sure invariably to order diaphragm cover plates 0475-U10.1 as replacement parts.

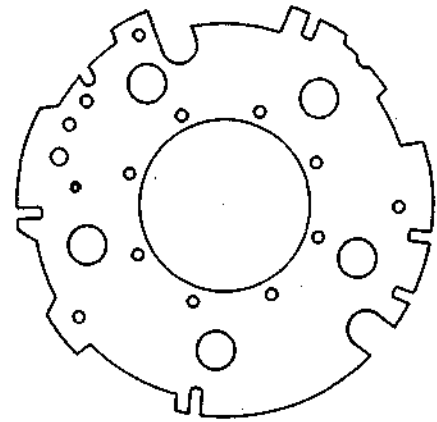
It is only for use with shutters having shutter blades 0475-130.1 (Sheet 75) that the diaphragm cover plate 0475-U10.2 shown in Fig. 33 has been designed.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 78

Diaphragm System, cont.

Fig. 33

Diaphragm Cover Plate 0475-U10.2
for Shutter Blades 0475-130.1



The above diaphragm cover plate is not interchangeable with the cover plates mentioned on the preceding sheets.

4. In conjunction with the special design of the shutter-speed diaphragm coupling of Size 0 shutters, these are provided with a tilting detent member permitting f-stops to be selected in increments of one-half units. The detent mechanism comprises a detent lever 311 carrying a cam 311a which is urged into engagement with serrations provided on the circumference of the diaphragm cover plate, for which purpose the lever is biased by a spring 0475-379.

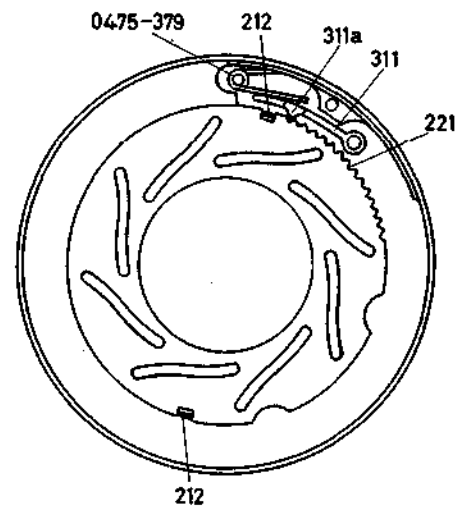


Fig. 34 - Diaphragm Cover Plate with Detent Lever

NOTE: During an initial period, the tilting detent was not provided, the cover plate 0475-8 being used (see sheet 77).

5. In contrast to earlier shutter models, the diaphragm indicator ring is mounted on the rear of the shutter. In Size 00 shutters, the diaphragm indicator ring 00475-U7 can be removed after the three guide screws 00475-575 have been undone. The diaphragm indicator ring carries a rivet which engages in a bore provided in the diaphragm cover plate.

In Size 0 shutters, the place of the above-mentioned guide screws is taken by three guide plates 0475-368 with screws 00280s-176 which hold the diaphragm indicator ring 0475-7 in position.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 79

Diaphragm System, cont.

The upturned drive lugs 212 of the diaphragm indicator ring (see Fig. 34) engage in recesses of complementary rectangular shape in the diaphragm cover plate, thus providing a positive connection between these two parts.

<i>Werkstoff</i>	<i>Modell Nr.</i>	<i>Gezeichnet</i>			<i>Alfred Gauthier G. m. b. H.</i> <i>Calmbach a. d. Enz</i>
	<i>Lager Nr.</i>	<i>Geprüft</i>			
<i>Maßstab:</i>	Repair Instructions				Sheet No. 80

8c. Shutter Speed Setting Mechanism

Introductory Remarks

A. Size 00 Shutters

1. In the Section 3a (Escapement Mechanism), the fact has already been mentioned that two selectively operable escapement levers are associated with the star wheel. Therefore, the shutter speed setting ring of the new shutter model has to cooperate with these two levers. For this purpose the speed setting ring as shown in Figs. 35a and 35b on Sheet 83 has been provided with a cam slot 223.
2. During an initial period of manufacture of the new shutter, the following operative relation existed between the movement, the escapement levers and the shutter speeds:-

Shutter Speed sec.	Geared Escapement	Small Lever	Large Lever
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Inoperative	Operative
1/4	Operative	Inoperative	Operative
1/2	Operative	Inoperative	Operative
1	Operative	Inoperative	Operative

Table 1

The shutter speed setting ring used in the case of Table 1 is shown in Fig. 35a; the escapement 00381-G20 was used in connection with this setting ring.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 81

Shutter Speed Setting Mechanism, cont.

3. In due time, while the escapement 00381-G20 was retained, a different relationship between the two escapement levers and the various shutter speeds was adopted; in other words, the small escapement lever is operative at 1/30, 1/15 and 1/8 sec., the large escapement lever being operative at 1/4 sec. and more. While this relationship is shown in Table 2 below, Fig. 35b shows the corresponding shutter speed setting ring.

Shutter Speed sec.	Geared Escapement	Small Lever	Large Lever
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Operative	Inoperative
1/4	Operative	Inoperative	Operative
1/2	Operative	Inoperative	Operative
1	Operative	Inoperative	Operative

Table 2

4. A third type of shutter speed setting ring is required in cases in which the escapements 00475-G20.1 or 00476-G20, respectively, are used. See also Para. 1c, Sheet 58 (Escapement Mechanism). This setting ring 00375-137.1 is shown in Fig. 36 on Sheet 84.

5. **IMPORTANT:** Where it is intended to interchange the various escapements, it will also be necessary to exchange the speed setting rings also.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet No. 82

Shutter Speed Setting Mechanism, cont.

The shutter speed setting rings shown in Figs. 35a and 35b differ at the points A, B and C.

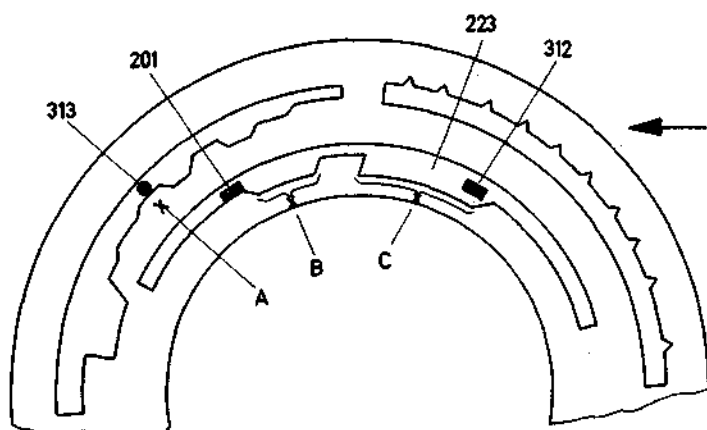


Fig. 35a

Fragmentary View of Setting Ring for Escapement 00381-G20
Setting for 1/8 sec.

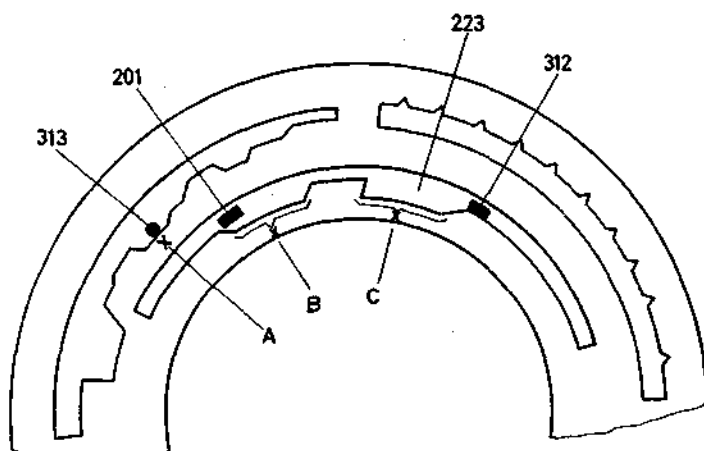
- 312 Arm of Large Lever
- 313 Escapement Control Pin
- 201 Arm of Small Lever
- 223 Cam Slot for the Two Escapement Levers

Fig. 35b

Fragmentary View of Modified Setting Ring for Escapement 00381-G20

Setting for 1/8 sec.

- 312 Arm of Large Lever
- 313 Escapement Control Pin
- 201 Arm of small Lever
- 223 Cam Slot for the Two Escapement Levers



When ordering setting rings, please state which design (Fig. 35a or Fig. 35b) is involved.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet No. 83

Shutter Speed Setting Mechanism, cont.

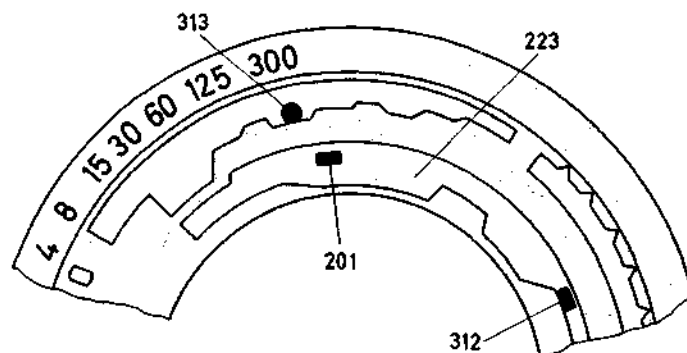


Fig. 36

Fragmentary View of Setting Ring 00375-137.1 for escapements 00475-G20.1 and 00476-G20

Setting for 1/8 sec.

201 Arm of Small Lever

312 Arm of Large Lever

313 Escapement control Pin

223 Cam Slot for the Two Escapement Levers

6. All shutter speed setting rings are arranged to be caught in the positions corresponding to the indicated shutter speeds. For this purpose, the shutter speed setting rings have a set of detent notches which cooperate with the rivet 314 of detent lever 00375-U543 (see Fig. 37 below and Sheet 63 (Selftimer and Flash Synchronizer)).

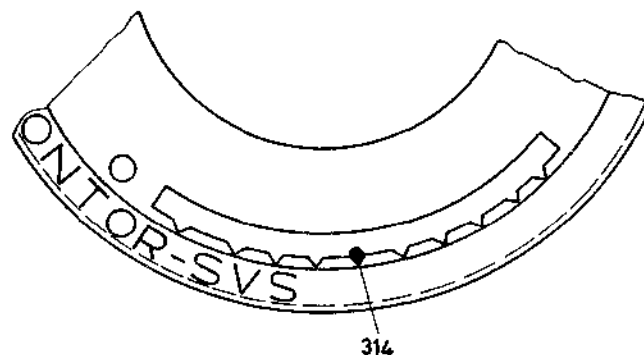


Fig. 37

Rivet 314 Cooperating with Detent Notches

B. Size 0 Shutters

1. The design of the escapement of Size 0 shutters is shown in the illustrations of the "Escapement Mechanism" section. Table 3 on the following sheet shows the relationship between the escapement parts and the various shutter speeds.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet 84

Shutter Speed Setting Mechanism, cont.

Shutter Speed sec.	Lever Escapement on Upper Plate	Lower Geared Escapement	Lever of Lower Geared Escapement
1/300	Inoperative	Inoperative	Inoperative
1/125	Operative	Inoperative	Inoperative
1/60	Operative	Inoperative	Inoperative
1/30	Operative	Operative	Inoperative
1/15	Operative	Operative	Inoperative
1/8	Operative	Operative	Operative
1/4	Operative	Operative	Operative
1/2	Operative	Operative	Operative
1	Operative	Operative	Operative

Table 3

The shutter speed setting ring for the relationship shown in Table 3 is illustrated in Fig. 38.

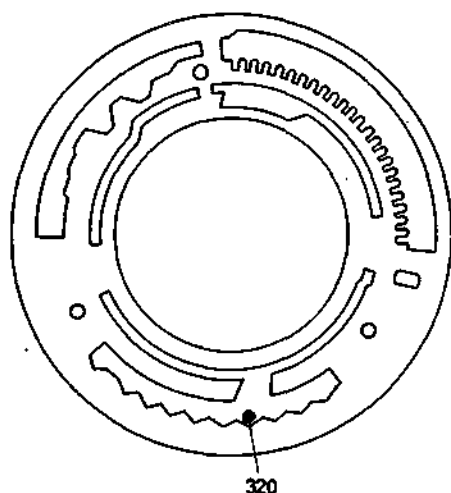


Fig. 38

Setting Ring 0475-159
and Position of Detent
Rivet 320

2. The shutter speed setting ring is arranged to be caught in the positions corresponding to the indicated shutter speeds. For this purpose, a detent rivet 314 is secured to a two-armed lever 0475-U362 pivoted on a pin 106 (see Sheet 35) of cocking arm 1. The arrangement of lever 0475-U362 will be seen from Fig. 39 on Sheet 86.

3. **IMPORTANT:** In shutters produced during an initial period, the rivet 320 carries a loose roller 0475-434. In shutter of later manufacture, this roller is positively held in position.

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet 85

Shutter Speed Setting Mechanism, cont.

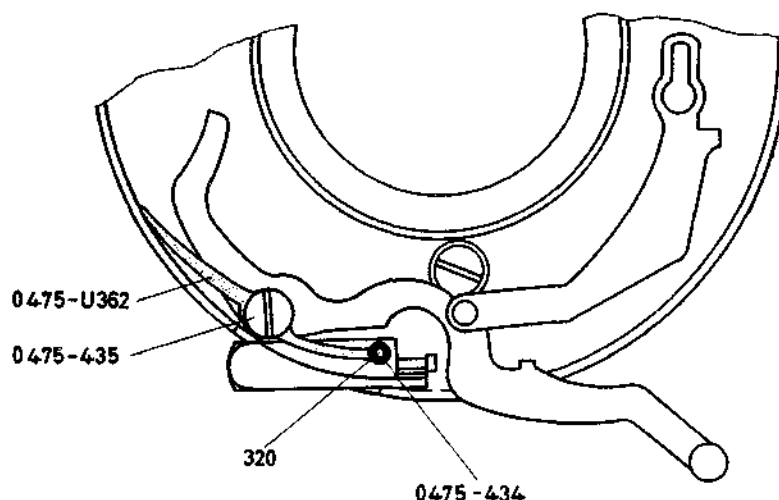


Fig. 39

Arrangement of locking lever 0475-U362. In the above figure, the rivet 320 carries a positively located roller 0475-434. - The screw 0475-435 is screwed into the upstanding pin 106.

C. **IMPORTANT:** When repairing Size 0 and Size 00 shutters, care should be taken to apply a thin film of Molykote (Paste G) which is a grease-free lubricant to the detent notches.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet 86

9. Shutter-speed/f-stop Coupling

Introductory Remarks

The newly introduced shutters, in contrast to earlier PRONTOR-SVS shutters, incorporate as novel equipment a so-called shutter-speed/f-stop coupling whose design is explained in the following paragraphs.

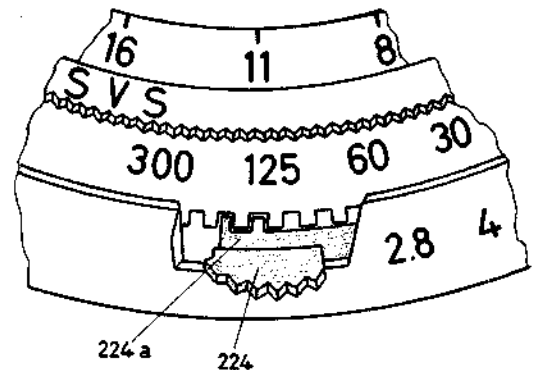
A. Size 00 Shutters with cocking Shaft

Part of the periphery of the cylindrical skirt of the speed setting ring is formed with square teeth which cooperate with detent dogs 224a (see Fig. 39) which are provided on a flexible coupling lever 224 secured to the diaphragm setting ring.

In order to permit the shutter speed and the f-stop to be set separately in the customary manner, it is necessary to depress the finger piece of coupling lever 224 while the settings are being made.

Fig. 39

Fragmentary view of shutter. Part of the cylindrical skirt of the diaphragm setting ring is shown broken away to expose the teeth on the speed setting ring and their cooperation with the teeth 224a on the coupling lever 224.



B Size 00 Shutters with Manually Operated Cocking Lever

As shown in Fig. 40 on Sheet 88, these shutters have a flexible coupling lever 312 secured to the diaphragm setting ring. This coupling lever cooperates with detent notches provided in the exposure value setting ring 00475-U588 mounted for rotation with the shutter speed setting ring, the coupling lever also engaging the notches of the speed setting ring.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	Repair Instructions				Sheet 87

Shutter-Speed/f-stop Coupling, cont.

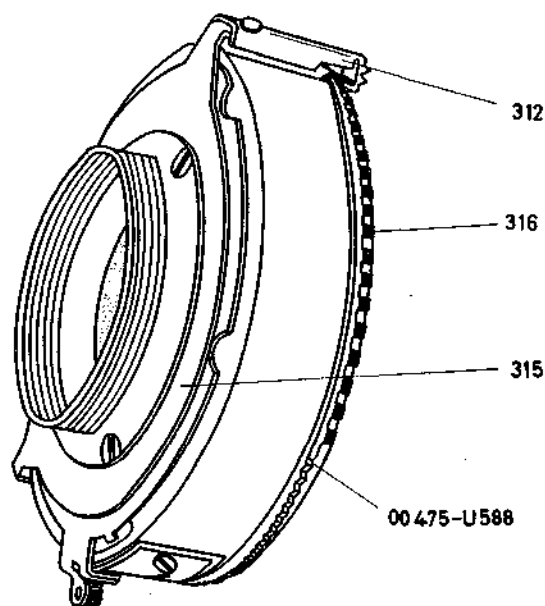


Fig. 40

Diagonal front view of Size 00 shutter with manually operated cocking lever.

312 Coupling Lever

315 Diaphragm Setting Ring

316 Detents on Exposure Value Setting Ring

00475-U588 with Exposure value Setting Ring

G. Size 0 Shutters

a. In the case of Size 0 shutters, the shutter-speed/f-stop coupling can be selectively engaged and disengaged.

b. For this purpose, there is provided a coupling control lever 226 (see Fig. 41 on Sheet 89) which has to be depressed to permit it to be moved either into the position marked with a dot (coupling engaged) or into the position marked with a circle (coupling disengaged).

c. The control lever 226 is secured to a radially flexible sliding member 227 the end 227a of which has an inclined cam track cooperating with one arm of a two-armed lever 0475-U395 pivoted to the side wall of the shutter case. The other arm of this lever carries a rivet 229 abutting a collar provided on a pinion assembly 0475-370 which is mounted for axial movement on a bush riveted to the bottom of the shutter case. The bush is surrounded by a spring 0475-397. Extending through the bush is a shaft carrying a pinion 230 located on the rear of the shutter, this pinion being in mesh with the teeth of the diaphragm setting ring. (The pinion 230 and the shaft inserted through the bush form a subassembly which is covered by the Stock Number 0475-371.)

Werkstoff	Modell Nr.	Gezeichnet		Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft		
Maßstab:	Repair Instructions			Sheet 88

Shutter-Speed/f-stop Coupling, cont.

The subassembly 0475-370 is held in position by a pin 0475-399 which extends through the upper end of the pinion shaft and through a slot provided in the subassembly 0475-370. Thus, the drive assembly 0475-371 is positively connected in its proper direction of rotation with the subassembly 0475-370.

Setting the coupling lever 226 at the circular mark will cause the sliding member to raise the cooperating arm of lever 0475-U395, this in turn causing the arm 228 to urge the subassembly 0475-370 downwardly against the force exerted by spring 0475-397, thus moving the pinion on top of the shaft out of mesh with the teeth of the shutter speed setting ring 318.

With the shutter-speed/f-stop coupling engaged, the subassembly 0475-370 is in mesh with the teeth of shutter speed setting ring 318, thus transmitting the motion of the latter to the diaphragm setting ring. 317.

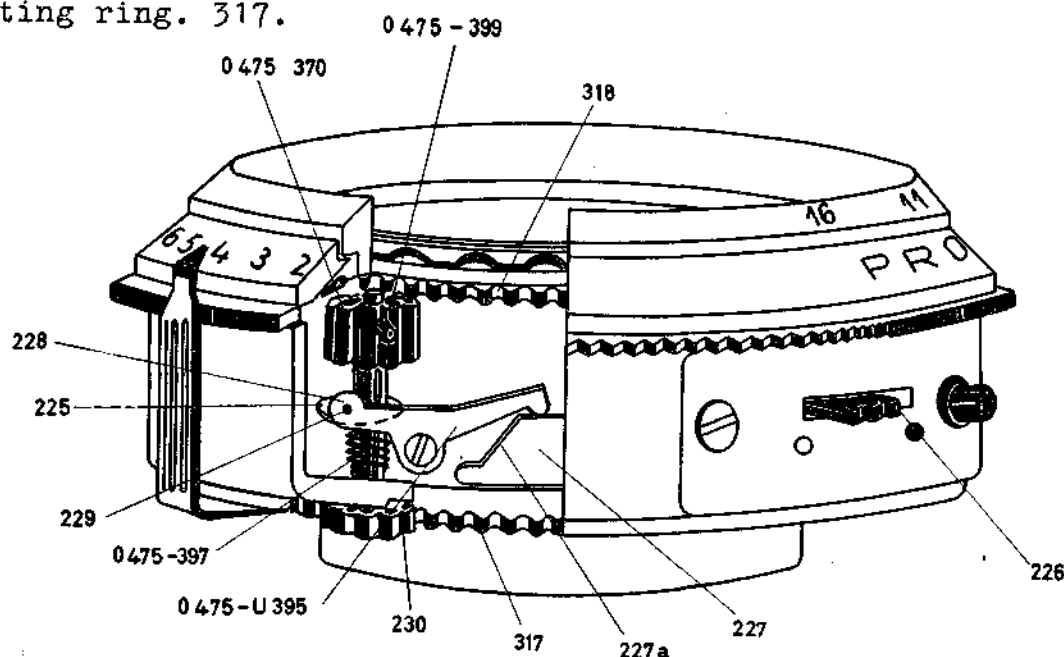


Fig. 41

Cut-away view of a Size 0 shutter fitted with a selectively engageable and disengageable shutter-speed/f-stop coupling. Part of the wall of the shutter case is broken away to show the coupling mechanism which in the present case is in its disengaged position.

0475-370	Subassembly
0475-U395	Two-armed Lever
0475-397	Spring
0475-399	Locking Pin

Werkstoff	Modell Nr.	Gezeichnet	Alfred Gauthier G. m. b. H. Calmbach a. d. Enz
	Lager Nr.	Geprüft	
Maßstab:	Repair Instructions		Sheet 89

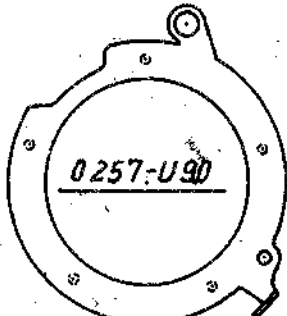
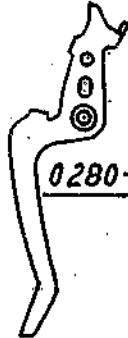
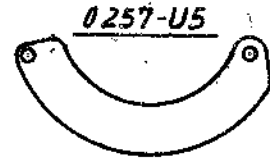
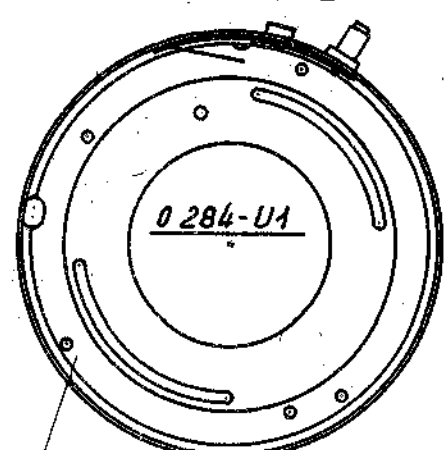
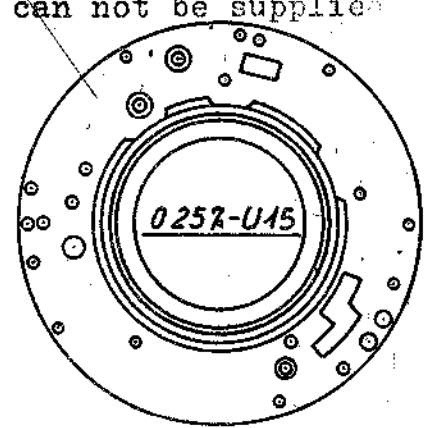
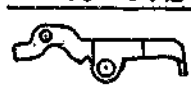
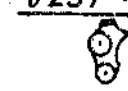
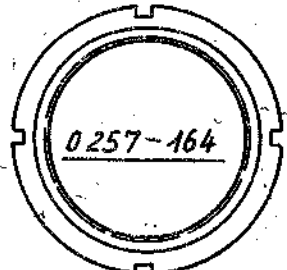
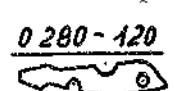
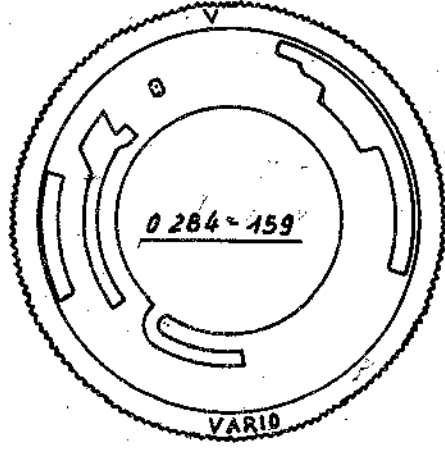
Shutter-Speed/f-stop Coupling, cont.

d. Important hints concerning the assembling of the coupling device:

1. Before inserting the subassembly 0475-371, apply a light film of Molykote paste on its shaft.
2. When forcing in the locking pin 0475-399 into the shaft of the subassembly, care should be taken to have the pin ends projecting on either side of the shaft to be of equal length. In order to lock the pin in position, bend its pointed end upwardly in an axial direction.

TROUBLE	CAUSE	CORRECTION
Shifting the coupling control from the circle (dis-engaged position) to the dot mark (engaged position) will not cause the coupling to be engaged.	The sliding member 227 and the coupling lever 0475-U395 are superimposed in a radial direction so that it is impossible to operate the two-armed coupling lever 0475-U395.	Bend one of the two parts involved, preferably the sliding member, (227), in such a manner as to provide for proper functioning as described on Sheets 88 and 89.

Werkstoff	Modell Nr.	Gezeichnet			Alfred Gauthier G.m.b.H. Calmbach a. d. Enz
	Lager Nr.	Geprüft			
Maßstab:	<u>as per instructions</u>				Sheet 90

Teil Nr.	Teilbenennung :	Teil :
0 257-U90	Antriebring Drive Ring	
0 257-U88	Auslöshebel Release Lever	
0 280-U95	Fingerhebel Trigger Release	
0 257-U5	Trislorielle (10 Stck.) Diaphragm Blade (10p)	
0 284-U1	Kapsel Shutter Housing	
0 257-U401	Spannhebel Cocking Lever Assembly	
0 257-U45	Werkteil Base Plate	
0 280-U415	Zeithebel Time Lever	
0 257-418	Anschlagplatte Stop Plate	
0 257-164	Anschraubring Flange	
0 280-420	Auslösrohrplatte Cable Release Socket Plate	
0 284-463	Einstellbogen Index Plate	
0 284-159	Einstellring Speed Setting Ring	

0 257-U98

0 280-U95

0 257-U5

0 257-U401

0 284-U1

0 280-U415

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0 257-418

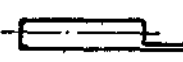
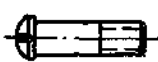
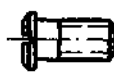
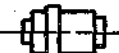
0 257-U45

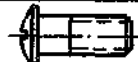
0 280-420

0 284-459

0 284-463

VARIO

Teil Nr.	Teilbenennung:	Teil:			
00257-157	Anschlagplättchenschraube	00257-157	0280-121	0257-122	0257-123
	Stop Plate Screw				
0280-121	Auslösrohr				
	Cable Release Socket				
0257-122	Auslösstift		027-124	0257-134	0257-136
	Cable Release Socket Pin				
0257-123	Auslösrohrschraube schwach				
	Cable Release Socket Screw thin				
0257-124	Auslösrohrschraube stark				
	Cable Release Socket Screw thick				
0257-134	Auslöshebelschraube				
	Release Lever Screw				
0257-136	Auslöshebelunterlagschraube	00257-135	0257-146	0257-165	0257-140
	Release Lever Washer				
00257-135	Einstellbogenschraube 2st.				
	Index Plate Screw 2p.				
0257-146	Fingerhebelschraube				
	Trigger Release Screw				
0257-165	Führungsschraube		0257-162	0257-211	
	Guide Screw				
0257-140	Finger- u. Riegelachse				
	Post for Trigger Release and Bar Lever				
0257-162	Frontplattenschraube kurz				
	Front Plate Screw short				
0257-211	Frontplattenschraube lang				
	Front Plate Screw long				
0257-9	Frischraube 2st.		0257-9	0257-11	
	Diaphragm Screw 2p.				
0257-11	Frisdeckscheibenschraube 2st.				
	Diaphragm Covering Disk Screw 2p.				
0257-128	Kontakthebelschraube			0257-128	
	Contact Lever Screw				
0257-127	Kontakthebelbüchse				
	Contact Lever Bushing				
K18-U2	Kontakt	K18-U2	0257-127		
	Contact				

Alfred Gauthier G.m.b.H. Colmbach a.d. Enz		Nr. 0 M.284		Blatt 4		101	
				Gepr.			
				Gez. 11. 9. 52 Wolfger			
Teil Nr.	Teilbenennung:	Teil:					
0257-467	Riegelhebel Federschr.						
	Screw for Bar Lever Spring						
00257-118	Sektorenschr. (55 Stk.)	00257-118	0257-167				
	Shutter Blade Screw (5p.)						
0257-146	Spannhebel achsenschr.	0257-146					
	Screw for Cocking Lever Post						
0257-148	Werkteilschr. 3 St.						
	Base Plate Screw 3p.						
0257-150	Werkbefestigungsschr.	0257-148	0257-150				
	Fixing Screw for Assembly						
0257-151	Werkbefestigungsschr.						
	Fixing Screw for Assembly						
0257-152	Zeithebelschr.						
	Time Lever Screw	0257-151	0257-152	0257-156	0257-155		
0257-155	Zuhallehebelscheibe						
	Retaining Lever Washer						
0257-156	Zuhallehebelschr.						
	Retaining Lever Screw						
0257-133	Auslöshebelfeder	0257-133		0257-139			
	Release Lever Spring						
0257-139	Fingerhebelfeder						
	Trigger Release Spring						
0257-144	Ringfeder	0257-144		0257-147			
	Ring Spring						
0257-147	Treibfeder						
	Drive Spring						
0257-153	Zeit- u. Sperrhebelfeder						
	Spring for Time and Locking Lever	0257-153		0257-203			
0257-203	Zuhallehebelfeder						
	Retaining Lever Spring						

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Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 0 M 284

Blatt 6
geprüft:
gefertigt: 1.10.53 W. H. J. J.

Teil-Nr. Teilbenennung

Teil

Federn
Springs

0257-51 Hemmwerkfeder

Escapement Mechanism Spring

0257-108 Treibklinkenfeder

Driving Latch Spring

0257-51



0257-108



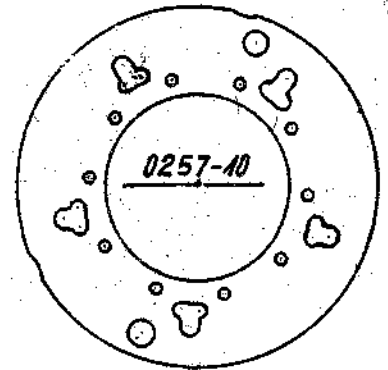
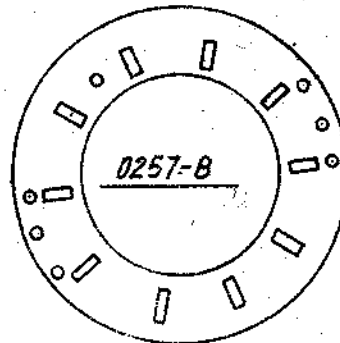
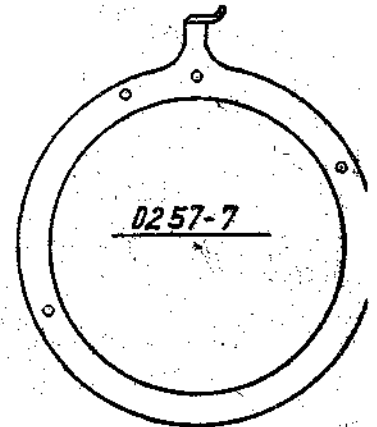
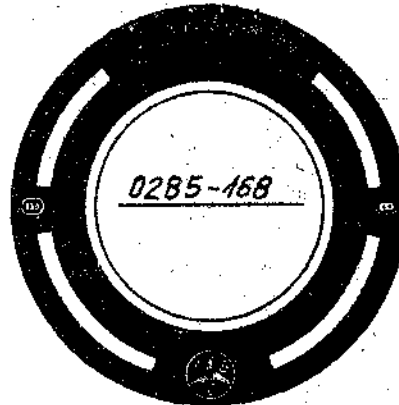
Teil Nr.	Teilbenennung:	Teil:		
0257-U90	Antriebring	 <u>0257-U90</u>	 <u>0257-U98</u>	 <u>0280-U95</u>
"	Drive Ring			
0257-U98	Auslöshebel			
	Inner Release			
	Lever			
0280-U95	Fingerhebel			
	Exterior Release			
	Lever			
0257-U5	Jrislamelle (10 Stck.)	 <u>0257-U5</u>	 <u>0280-U1</u>	 <u>0257-U101</u>
	Diaphragm Blade			
	10p.			
0280-U1	Kapsel			
	Shutter Case			
0257U-101	Spannhebel			
	Cocking Lever			
0257-U115	Werkteil	 <u>0257-U115</u>	 <u>0280-U115</u>	 <u>0257-U118</u>
	Base Plate			
0280U115	Zeithebel			
	Time Lever			
0257-118	Anschlagplatte			
	Stop Plate			
0257-164	Anschraubring	 <u>0257-164</u>	 <u>0280-120</u>	 <u>0284-163</u>
	Thread Ring			
0280-120	Auslösrohrplatte			
	Release Tube Plate			
0284-163	Einstellbogen			
	Top Plate			
0285-159	Einstellring	 <u>0285-159</u>	 <u>0285-159</u>	 <u>0285-159</u>
	Time Setting			
	Ring			

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Cannot be supplied

PRONTO

Teil Nr.	Teilbenennung:
0285-168	Frontplatte alt
	Front Plate old
0257-7	Jriszeigerring
	Diaphragm Index Ring
0257-8	Jrisscheibe
	Diaphragm Disk
0257-70	Jrisdeckscheibe
	Diaphragm Covering
	Disk
0280-126	Kontakthebel
	Contact Lever
0280-113	Kontaktplatte
	Contact Plate
0257-110	Riegelhebelplatte
	Bar Lever Plate
0257-111	Riegelhebel
	Bar Lever
0257-130	Sektor (5 Stck.)
	Shutter Blade 5p
00257-117	Sektorenscheibe 4st.
	Shutter Blade Washer 4p
0280-U174	Sicherungshebel
	Locking Lever
0257-154	Zuhaltehebel
	Retaining Lever
0280-117	Sektorenscheibe
	Shutter Blade Washer
0285-620	Hemmwerk
	Escapement Mechanism
0257-654	Vorlaufwerk
	Delayed Action Mechanism

Teil



0280-126



0257-110



0257-111



0257-130



00257-117



0280-U174



0257-154



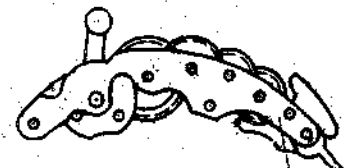
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0285-620

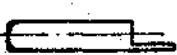
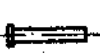
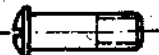


0257-654



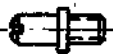
Wird nur als Ganzes abgegeben!

Only complete assembly can be supplied

Teil Nr.	Teilbenennung:	Teil:			
00257-157	Anschlagplättchensch.				
	Stop Plate Screw				
0280-121	Auslösrohr	00257-157	0280-121	0257-122	0257-123
	Release Tube				
0257-122	Auslösstift				
	Release Pin				
0257-123	Auslösrohrsch. schwach				
	Release Tube Screw thin				
0257-124	Auslösrohrsch. stark				
	Release Tube Screw thick	0257-124	0257-134	0257-136	
0257-134	Auslöshebelsch.				
	Inner Release Lever Screw				
0257-136	Auslöshebelunterlagsch.				
	Inner Release Lever Washer				
00257-135	Einstellbogenschraube 25t.	00257-135	0257-146	0257-165	0257-140
	Top Plate Screw 2p.				
0257-146	Fingerhebelschraube				
	Exterior Release Lever Screw				
0257-165	Führungsschraube				
	Guide Screw				
0257-140	Finger- u. Riegelheb. achse	0257-162	0257-211		
	Axis for Ext. Release lever and Bar Lever				
0257-162	Frontplattensch. kurz				
	Front Plate Screw short				
0257-211	Frontplattensch. lang				
	Front Plate Screw long				
0257-9	Trisschraube (25stk.)	0257-9	0257-11		
	Diaphragm Screw 2p.				
0257-11	Trisdeckscheibensch. 25t.				
	Diaphragm Covering				
	Disk Screw 2p				
0257-127	Kontakthebelbüchse				
	Contact Lever Bushing				
0257-128	Kontakthebelschraube	0257-128	0257-127	0257-167	
	Contact Lever Screw				
0257-167	Riegelhebelfedersch.				
	Screw for Bar				
	Lever Spring				
K 18 - U2	Kontakt				
	Contact				

K 18 - U2



Teil Nr.	Teilbenennung:	Teil:			
00257-118	Sektorenschraube 5Stck. Shutter Blade Screw 5p.				
0257-146	Spannhebelachsenschr. Screw for Cocking Lever Axis	<u>00257-118</u> 	<u>0257-148</u> 	<u>0257-150</u> 	
0257-148	Werkteilschraube 3Stck. Base Plate Screw 3p.				
0257-150	Werkbefestigungsschr. Fixing Screw for Mechanism				
0257-151	Werkbefestigungsschr. Fixing Screw for Mechanism	<u>0257-151</u> 	<u>0257-152</u> 	<u>0257-156</u> 	<u>0257-155</u> 
0257-152	Zeithebelschraube Time Lever Screw				
0257-155	Zuhaltehebelscheibe Retaining Lever Washer				
0257-156	Zuhaltehebelschraube Retaining Lever Screw	<u>0257-133</u> 		<u>0257-139</u> 	
0257-133	Auslöshebelfeder Inner Release Lever Spring	<u>0257-166</u> 		<u>0257-144</u> 	
0257-139	Fingerhebelfeder Exterior Release Lever Spring				
0257-166	Riegelhebelfeder Bar Lever Spring				
0257-144	Ringfeder Ring Spring	<u>0257-147</u> 		<u>0257-158</u> 	
0257-147	Treibfeder Drive Spring				
0257-158	Vorlaufwerkfeder Spring for Delayed Action Mechanism	<u>0257-153</u> 		<u>0257-203</u> 	
0257-153	Zeit-u. Sperrhebelfeder Spring for Time Lever and Locking lever				
0257-203	Zuhaltehebelfeder Retaining Lever Spring				

Calmbach a. d. Enz

Nr. 0 M 285

*geänderte
Teile*

Blatt 5

gez. 29. 5. 53 Wolfinger

Changed Parts

gepr.

[illegible]

Alfred Gauthier G.m.b.H.
Calmbach a.d. Enz

Nr. 0 M 285

Blatt 6

gez. 2.10.52 *W. G. G.*
gepr.

Teil-Nr. Teilbenennung:

Teil:

Federn

Springs

0 257-51

0257-51 Hemmwerkfeder

Escapement Mechanism Spring

0340-166 Riegelhebelfeder

Bar Lever Spring

0340-234 Umstellbrückenfeder

Spring for Synchro Switch

0 340 - 166

0 340 - 234

0257-108 Treibklinnenfeder Bridge

Driving Latch Spring

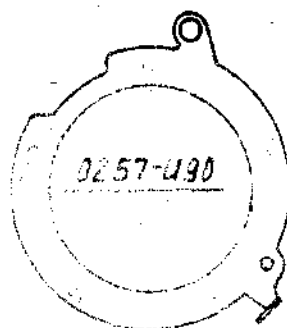
0257-108

Gefertigt: 20.7.56 sak

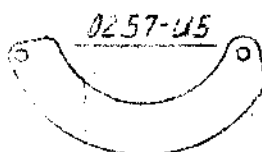
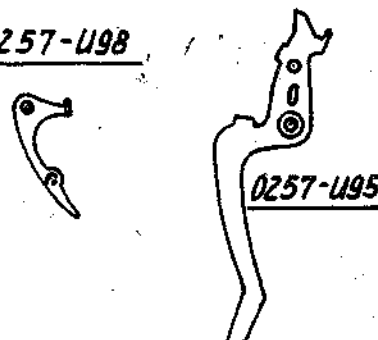
[illegible]

Teil Nr.	Teilbenennung:
0257-U90	Antriebring drive ring
0257-U98	Auslöshebel inner releasing lever
0257-U95	Fingerhebel exterior relea- sing lever
0257-U5	Trislamelle (10 Stck) diaphragm blade 10 p.
0280-U1	Kapsel case
0257-U101	Spannhebel cocking lever
0257-U15	Werkteil base plate
0280U-115	Zeithebel time lever
0257-118	Anschlagplatt: stop plate
0257-164	Anschraubring thread ring
0280-120	Auslösrohrplatte plate for releasing tube
0280-163	Einstellbogen top plate
0280-159	Einstellring timing ring

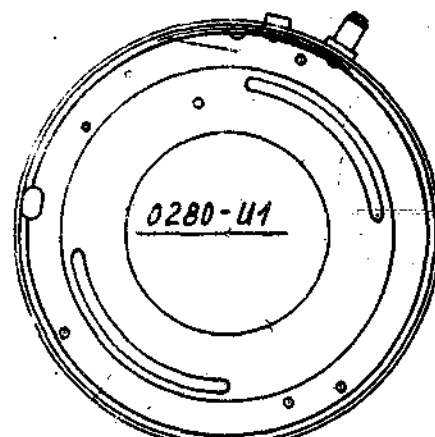
Teil:



0257-U98



0257-U101

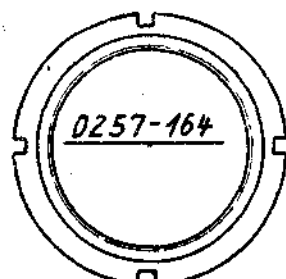
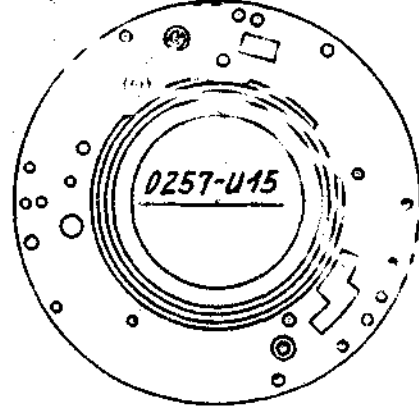


wird nicht abgegeben!
Cannot be supplied

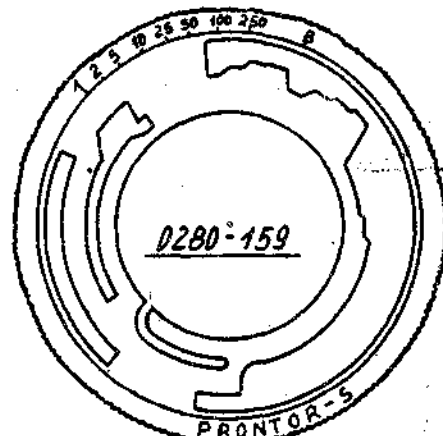
0280-U115



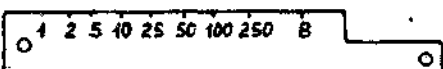
0257-118

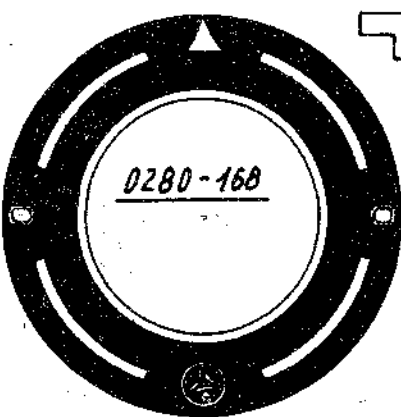
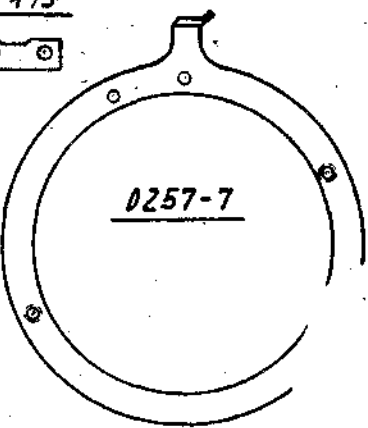
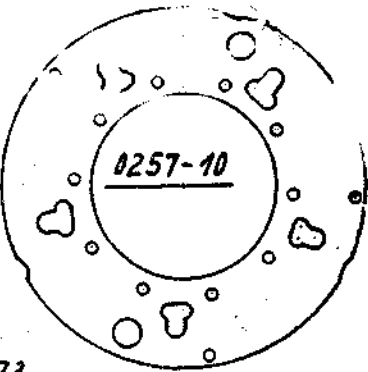
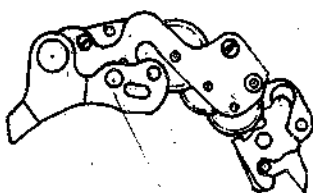


0280-120



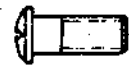
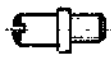
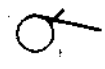
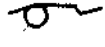
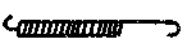
0280-163



Teil Nr.	Teilbenennung:	Teil:
0280-168	Frontplatte alt front plate old	
0280-175	Isolationsplatte insulating plate	
0257-7	Jriszeigerring diaphragm index ring	
0257-8	Jrisscheibe diaphragm disk	
0257-10	Jrisdeckscheibe diaphragm covering disk	
0280-126	Kontakthebel contact lever	
0280-173	Kontaktplatte contact plate	
0280-170	Kontaktfeder contact spring	
0257-110	Riegelhebelplatte bar lever plate	
0257-111	Regelhebel bar lever	
0257-130	Sektor (5Stck.) shutter blade 5 p.	
00257-117	Sektorenscheibe 5St. shutter blade washer 5 p.	
0257-174	Sicherungshebel securing lever	
0257-154	Zuhaltehebel retaining lever	
0280-620	Hemmwerk escapement mechanism	
0257-654	Vorlaufwerk self timer mechanism	

wird nur als Ganzes abgegeben
Only complete assembly can be supplied

Teil Nr.	Teilbenennung	Teil:
00257-157	Anschlagplattensch.	
	stop plate screw	
0280-121	Auslösröhr	
	releasing tube	
		00257-157 0280-121 0257-122 0257-123
0257-122	Auslösstift	
	releasing pin	
0257-123	Auslösröhrschr. schw.	
	releasing tube screw thin	
0257-124	Auslösröhrschr. stark	
	releasing tube screw thick	0257-124 0257-134 0257-136
0257-134	Auslöshebelschr.	
	screw of inner releasing lever	
0257-136	Auslöshebelunterlagsch.	
	washer of inner releasing lever	
0257-135	Einstellbogenschr. 2 St.	0257-135 0257-146 0257-165 0257-140
	top plate screw 2 p.	
0257-146	Fingerhebelschr.	
	screw of exterior releasing lever	
0257-165	Führungsschraube	
	guiding screw	
0257-140	Finger- u. Riegelh. achse	0257-162 0257-211
	axis for ext. releasing lever and bar lever	
0257-162	Frontplattensch. kurz	
	front plate screw short	
0257-211	Frontplattensch. lang	0257-9 0257-11 0280-176
	front plate screw long	
0257-9	Jrisschr. 2 Stück	
	diaphragm screw 2 p.	
0257-11	Jrisdeckscheibensch. 2 St.	
	diaphragm covering plate screw 2p.	0257-128
0257-176	Isolationsbüchse klein	
	insulating bushing small	
0257-127	Kontakthebelbüchse	0257-127
	contact lever bushing	
0257-128	Kontakthebelschr.	
	contact lever screw	

Teil Nr.	Teilbenennung	Teil:
00257-148	Sektorenschr. 5 St. shutter blade screw sp.	
0257-167	Riegelhebelbelfederschr. screw for bar lever spring	00257-148 K18-U2 0257-167
K18-U2	Vakublitznippel flash fitting	  
0257-148	Werkteilschraube 3 St. screw for base plate	
0257-150	Werkbefestigungsschr. fixing screw for mechanism	0257-148 0257-150
0257-151	Werkbefestigungsschr. fixing screw for mechanism	 
0257-152	Zeithebelschraube time lever screw	
0257-156	Zuhaltehebelschraube retaining lever screw	0257-151 0257-152 0257-156 0257-155
0257-155	Zuhaltehebelscheibe retaining lever washer	   
0257-133	Auslöshebelfeder spring for inner releasing lever	0257-133 0257-139
0257-139	Fingerhebelfeder spring for exterior releasing lever	 
0257-166	Riegelhebelbelfeder bar lever spring	
0257-144	Ringfeder spring for drive ring	0257-166 0257-144 0257-147
0257-147	Treibfeder drive spring	  
0310-158	Vorlaufwerkfeder spring of self timer mechanism	0310-158 0257-153 0257-203
0257-153	Zeit-u. Sperrhebelfeder spring of time- and locking lever	  
0257-203	Zuhaltehebelfeder retaining lever spring	

Alfred Gauthier G.m.b.H.

Calmbach a. d. Enz

Nr. 0 M 280

Blatt:

gez. 2.10.53 *W. H. H. H.*
gepr.

Teil Nr. Teilbenennung:

Teil:

Federn

Springs

0257-50 Ankerhebelfeder

Anchor Lever Spring

0257-50

0257-51

0257-51 Hemmwerkfeder

Escapement Mechanism Spring

0310-166 Riegelhebelfeder

Bar Lever Spring

0310-234 Umstellbrückenfeder

Spring for Synchro Switch

0310-166

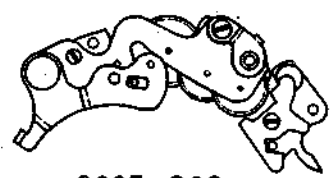
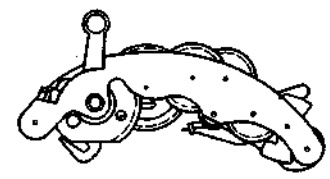
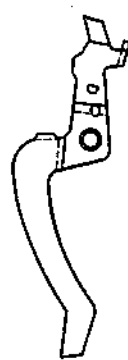
0310-234

0257-108 Treibklinkenfeder Bridge

Driving Latch Spring

0257-108

[illegible]

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00257 - 117	<u>Sektorenscheibe</u> 4 Stck. an Stelle v. 5 Stck.	 <u>0280-117</u>  <u>0295-147</u>
		shutter blade washer 4 pcs inst. of 5 pcs.	
2	0280 - 117	<u>Sektorenscheibe</u> 1 Stck.	 <u>0295-G20a</u>  <u>0280-G54.1</u>
		shutter blade washer 1 pcs	
3	0295 - 147	<u>Treibfeder</u> an Stelle v. 0257-147	 <u>0280-U95</u>  <u>0295-130</u>
		drive spring inst. of 0257-147	
4	0295 - G20a	<u>Hemmwerk</u> an Stelle v. 0280-G20	 <u>00279-118</u>  <u>0280-U174</u>
		slow speed assembly inst. of 0280-G20	
5	0280 - G54.1	<u>Vorlaufwerk</u> an Stelle v. 0257-G54	 <u>00279-118</u>  <u>0280-U174</u>
		delayed action assembly inst. of 0257-G54	
6	0280 - U95	<u>Fingerhebel</u> an Stelle v. 0257-U95	 <u>00279-118</u>  <u>0280-U174</u>
		trigger release inst. of 0257-U95	
7	0295 - 130	<u>Sektor</u> 5 Stück an Stelle v. 0257-130	 <u>00279-118</u>  <u>0280-U174</u>
		shutter blade 5 pcs. inst. of 0257-130	
8	0295 - 128	<u>Kontakthebelschr.</u> an Stelle v. 0257-128	 <u>00279-118</u>  <u>0280-U174</u>
		contact lever screw inst. of 0257-128	
9	00279 - 118	<u>Sektorenschr.</u> 5 Stck. an Stelle v. 00257-118	 <u>00279-118</u>  <u>0280-U174</u>
		shutter blade screw inst. of 00257-118	
10	0280 - U174	<u>Sicherungshebel</u> an Stelle v. 0257-174	 <u>00279-118</u>  <u>0280-U174</u>
		securing lever inst. of 0257-174	

wird nur als Ganzes abgegeben
only complete assembly can be supplied

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
3775	6	20.5.57	4947	10	20.5.57			
3991	8	" " "						
4254	5	" " "						
4588	9	" " "						

Gefertigt: 20.5.57

Änderungszustand dieses Blattes								
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4987	1, 2	20.5.57						
5193	3	" " "						
6399	4	" " "						

Teil-Nr.	Teilbenennung	Teil
0295-U90	Antriebring drive ring	A circular component with a central hole and several small holes around the perimeter.
0295-U98	Auslöshebel inner releasing lever	A small, curved lever with a single pin at one end.
0280-U95	Fingerhebel exterior releasing lever	A long, curved lever with a circular pin at one end and a small hole at the other.
0310-U168	Frontplatte front plate	A circular plate with a central hole and several small holes around the perimeter.
0257-U5	Trislamelle (10 Stück) diaphragm blade (10 pieces)	A small, curved blade with a single pin at one end.
0310-U1	Kapsel case	A circular component with a central hole and several small holes around the perimeter.
K18-U2	Kontakt contact	A small, cylindrical component with a central pin.
0295-U101.1	Spannhebel cocking lever	A small, curved lever with a single pin at one end.
0310-U220	Umstellring synchro switch ring	A circular component with a central hole and several small holes around the perimeter.
0310-U15	Werkteil base plate	A circular plate with a central hole and several small holes around the perimeter.
0280-U115	Zeithebel time lever	A small, curved lever with a single pin at one end.

0295-U98

0280-U95

0257-U5

0295-U101.1

K18-U2

wird nicht abgegeben

Cannot be
supplied

0310-U1

0310-U15

0310-U220

0280-U115

Teil-Nr. Teilbenennung

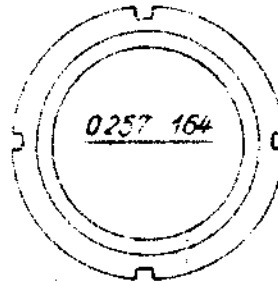
Teil

0257-118 Anschlagplatte
stop plate

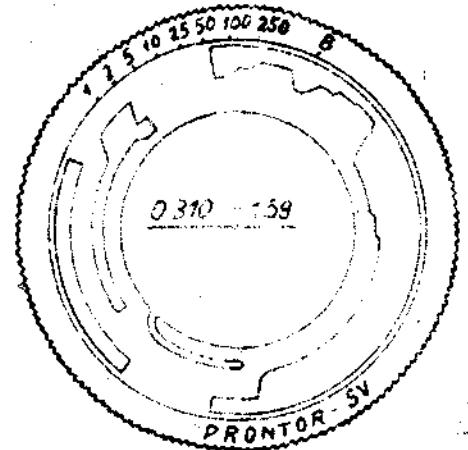
0257-164 Anschraubring
thread ring

0280-120 Auslösrührplatte
plate for releasing tube

0257-118



0257-164



0310-159

PRONTOR 5V

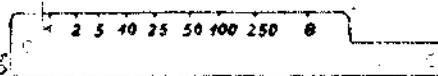
0280-163 Einstellbogen
top plate

0310-159 Einstellring
timing ring

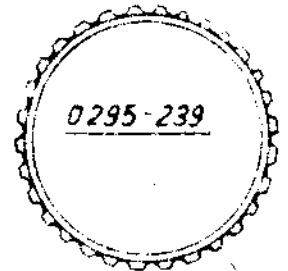
0280-120



0280-163



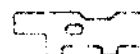
0295-239 Frontplattenring
front plate ring



0295-239

0295-175 Isolationsplatte
insulating plate

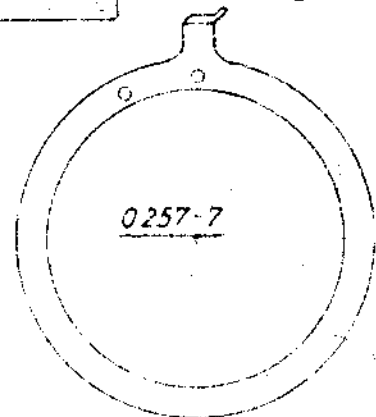
0295-175



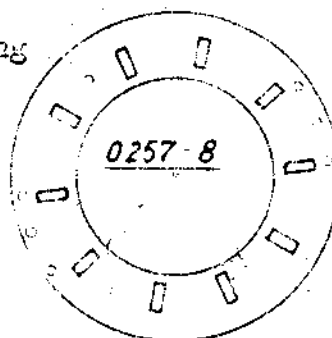
0257-7 Iriszeigerring
diaphragm index ring

0257-8 Trisscheibe
diaphragm disk

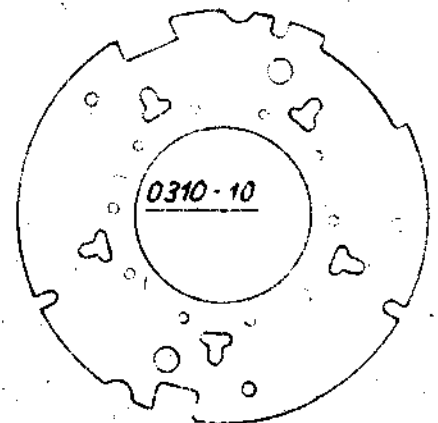
0310-10 Irisdeckscheibe
diaphragm covering disk



0257-7



0257-8



0310-10

0280-126 Kontakthebel 1
contact lever 1

0295-236.1 Kontakthebel 2
contact lever 2

0295-170.1 Kontaklfeder
contact spring

0295-173.2 Kontaktpatte
contact plate

0280-126.



0295-236.1

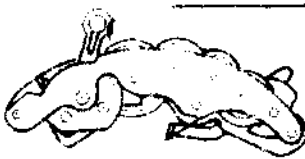
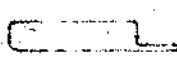
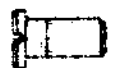


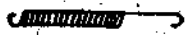
0295-173.2



0295-170.1

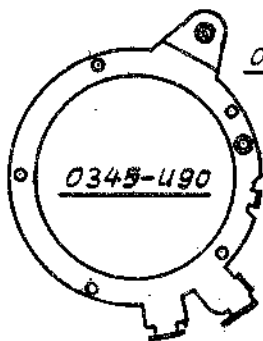
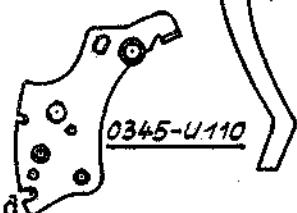
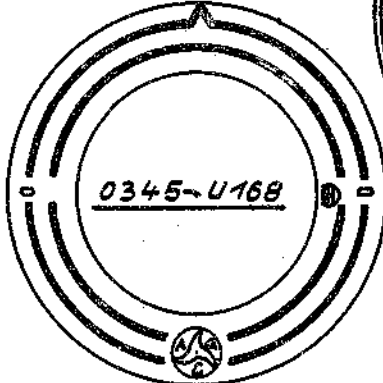
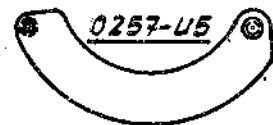
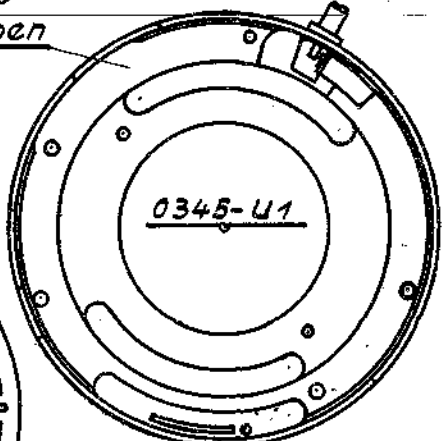
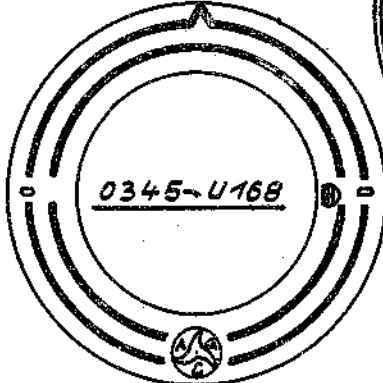
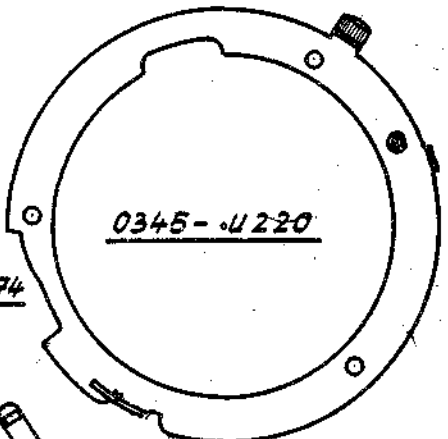
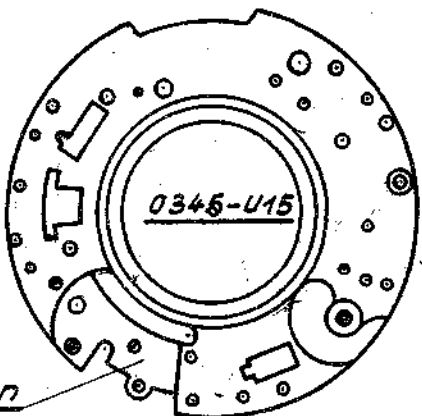


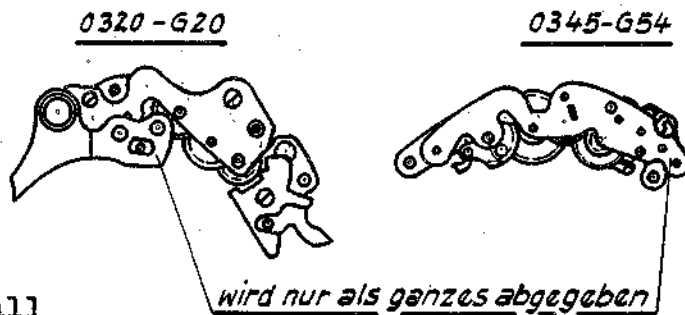
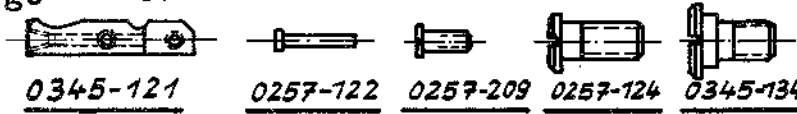
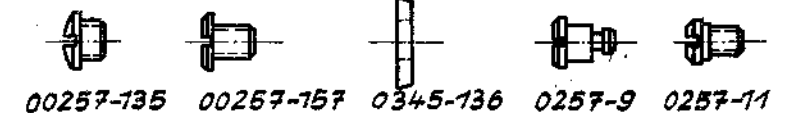
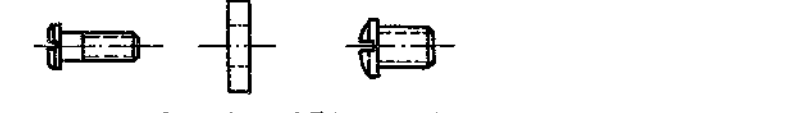
Teil-Nr.	Teilbenennung	Teil		
0257-110	Riegelhebelplatte bar lever plate	0295-130	0257-110	0280-174
0295-130	Sektor (5 Stück) shutter blade 5p.			
00257-117	Sektorenscheibe (4 St.) shutter blade washer (4 Pieces)	0280-117	00257-117	
0280-174	Sicherungshebel securing lever			
0280-117	Sektorenscheibe shutter blade washer	0295-620	0310-654	
0295-620	Hemmwerk escapement mechanism			
0310-654	Vorlaufwerk self timer mechanism	wird nur als Ganzes abgegeben Only complete assembly can be supplied		
00257-157	Anschlagplattensch. stop plate screw	00257-157	0280-121	
0280-121	Auslöstrohr releasing tube			
0257-122	Auslösstift releasing pin	0257-122	0257-123	0257-124
0257-123	Auslöstrohrschr. schw. releasing tube thin			
0257-124	Auslöstrohrschr. stark releasing tube thick	0257-134	0257-136	0257-135
0257-134	Auslöshebelschr. screw of inner releasing lever			
0257-136	Auslöshebelunterlagsch. washer of inner releasing lever	0257-146	0257-165	0257-140
00257-135	Einstellbogensch. (2 St.) top plate screw 2p.			
0257-146	Fingerhebelschr. screw of exterior releasing lever	0257-9	0257-11	
0257-165	Führungsschraube guiding screw			
0257-140	Finger- u. Riegelh.-achse axis for ext. relea- sing lever and bar lever			
0257-9	Trisschraube (2 St.) diaphragm screw 2p.			
0257-11	Trisdeckscheibensch. (2 St.) diaphragm covering plate screw 2p.			

Teil-Nr.	Teilbenennung	Teil	
0280-176	Isolationsbüchse klein insulating bushing small	0280-176	0280-172
0280-172	Kontaktplattenniet contact plate rivet		
0257-127	Kontakthebelbüchse contact lever bushing	0257-127	0295-128
0295-128	Kontakthebelschr. 1 contact lever screw 1		
0295-238.1	Kontakthebelschr. 2 contact lever screw 2		0295-238.1
			
0257-167	Riegelhebel Federschr. screw for bar lever spring	0257-167	00257-118
			
00257-118	Sektorenschr. (5 Stück) shutter blade screw 5p		
0257-146	Spannhebelachsenschr. screw for cooking lever axis	0257-124	0257-150
			
0257-124	Werkzeilschr. (3 Stück) screw for base plate (3 pieces)		
0257-150	Werkbefestigungsschr. fixing screw for mechanism	0257-151	0257-152
			
0257-151	Werkbefestigungsschr. fixing screw for mechanism		
0257-152	Zeithebelschraube time lever screw	0257-133	0257-139
			
0257-133	Auslöshebelfeder spring for inner releasing lever	0257-144	0295-147
			
0257-139	Fingerhebelfeder spring for exterior releasing lever		
0257-144	Ringfeder spring for drive ring	0257-153	0310-158
			
0295-147	Treibfeder drive spring		
0310-158	Vorlaufwerkfeder spring of self timer mechanism		
0257-153	Zeit- u. Sperrhebelfeder spring of time and locking lever		

Blatt 5
geprüft:
gefertigt:

[illegible]

Teil Nr.:	Teilbenennung:	Teil:	Anz. der Änd.-Bl. 1- 8	
0345-U90	Antriebring		0345-U95	
	Drive Ring			
0345-U98	Auslöshebel			
	Release Lever			
0345-U95	Fingerhebel			
	Trigger Release		K16-U2	
0345-U110	Fingerhebelplatte			
	Trigger Release Plate			
0345-U168	Frontplatte		0345-U170	
	Front Plate			
0257-U5	Jrislamelle		0345-U1	
	Diaphragm Blade			
0345-U1	Kapsel			
	Housing			
0345-U170	Kontaktfeder		0345-U220	
	Contact Spring			
K16-U2	Kontakt		0345-U226	
	Contact			
0345-U220	Umstellring		0345-U174	
	Synchro Switch Ring			
0345-U226	Schalthebel		0345-U101	
	Switch Lever			
0345-U174	Sicherungshebel		0345-U280	
	Locking Lever			
0345-U101	Spannhebel		0345-U115	
	Cocking Lever			
0345-U280	Spannarm (2)			
	Cocking Arm (2)			
0345-U15	Werkteil			
	Base Plate			
0345-U115	Zeithebel			
	Time Lever			
				
		wird nicht abgegeben can not be supplied		
		can not be supplied		

Teil Nr.	Teilbenennung:	Teil:
0320-G20	Hemmwerk	 0320 - G20 0345 - G54 wird nur als ganzes abgegeben
	Slow Speed Assembly	
0345-G54	Vorlaufwerk	only complete assembly can be supplied.
	Delayed Action Assembly	
0345-121	Auslösrohr	 0345-121 0257-122 0257-209 0257-124 0345-134
	Cable Release Socket	
0257-122	Auslösrohrstift	 00257-135 00257-157 0345-136 0257-9 0257-11
	Cable Release Socket Pin	
0257-209	Auslösrohrschraube	 0320-229 00279-118 0257-146 00345-435
	Cable Rel. Socket Screw / small	
0257-124	Auslösrohrschraube stark	 0345-149 0345-275 0257-150
	Cable Rel. Socket Screw / large	
0345-134	Auslöshebelschraube	
	Release Lever Screw	
0345-136	Auslöshebelunterlagscheibe	
	Release Lever Washer	
00257-135	Einstellbogenschraube	
	Index Plate Screw	
00257-157	Fingerhebelplattenschraube	
	Trigger Release Plate Screw	
0257-146	Fingerhebelschraube	
	Trigger Release Screw	
0257-9	Trisschraube 2.5 Stück	
	Diaphragm Screw 2 pcs.	
0257-11	Trisdeckelscheibenschraube 25 Stück	
	Diaphragm Covering Disk Screw 2 pcs.	
0320-229	Schalthebelschraube	
	Switch Lever Screw	
00279-118	Sektorenschraube 5 Stück	
	Shutter Blade Screw 5 pcs.	
0257-146	Spannhebelachsenschr.	
	Screw for Cocking Lever Post	
00345-435	Spannarmschraube	
	Cocking Arm Screw	
0345-149	VfW Befestigungsschr. 25 Stück	
	Fixing Screw for Delayed Action Assembly 2 pcs.	
0345-275	VfW Unterlegscheibe	
	Washer for Del. Action Assembly	
0345-149	Werkzeilschraube 35 Stück	
	Base Plate Screw 3 pcs.	
0257-150	Werkbefestigungsschr.	
	Fixing Screw for Assembly	

Alfred Gauthier GmbH.
Calmbach a.d. Enz

Mod. 0345

geänderte
Teile
Changed parts

Liste besteht aus Blatt 1-8
Blatt Nr. 1 Gepr.
Gefertigt: 10. 8. 55. 97

Teil Nr. Teilbenennung:

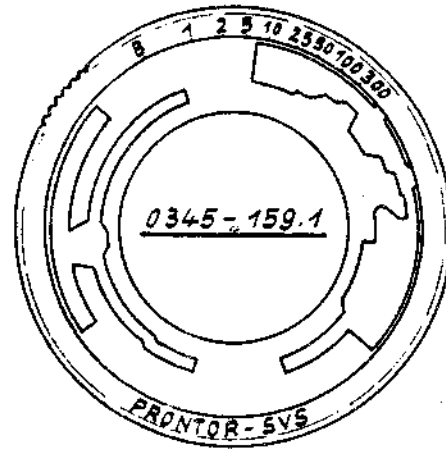
Teil:

0345-159.1 Einstellring
an Stelle v. 0345-159

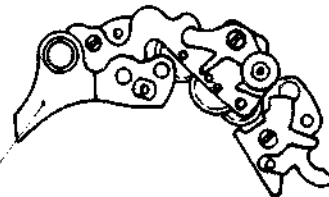
Speed Setting Ring
inst. of 0345-159

0345-G20 Hemmwerk
an Stelle v. 0320-G20

Slow Speed Assembly
inst. of 0320 - G20

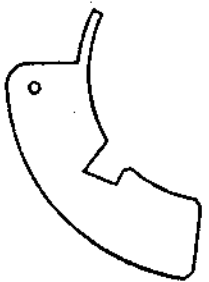
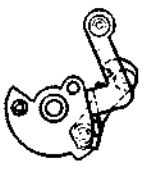
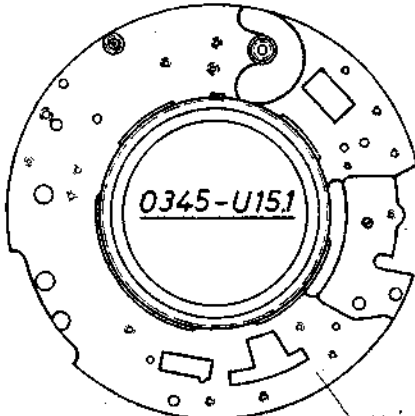


0345-G20



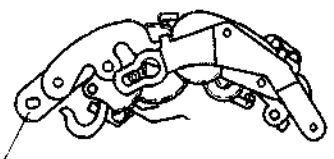
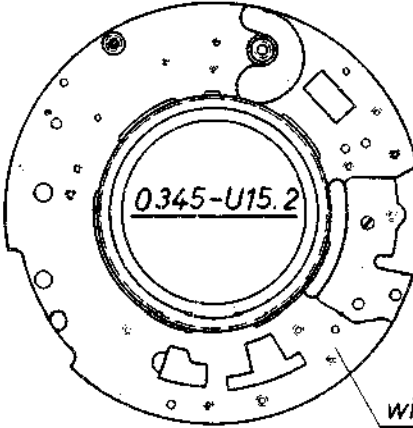
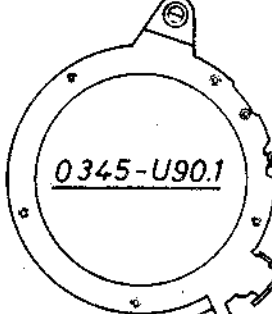
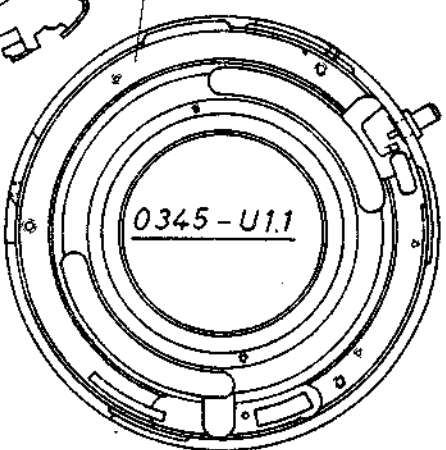
wird nur als Ganzes abgegeben!

Only complete assembly can be
supplied

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0346 - 130	<u>Sektor</u> 5 Stück an Stelle v. 0295-130 shutter blade 5 pcs. inst. of 0295-130	 <u>0346-130</u>
2	0345- 316	<u>Zwischenplatte</u> nach Bedarf intermediate plate according to requirement	 <u>0345-316</u>
3			 <u>00345-434</u>
4	00345 - 434	<u>Spannarmscheibe</u> cocking washer	 <u>0345-U1011</u>
5	0345 - U101.1	<u>Spannhebel</u> an Stelle v. 0345-U101 cocking lever inst. of 0345-U101	 <u>0345-G54.1</u> wird nur als Ganzes abgegeben. only complete assembly can be supplied
6	0345 - 108	<u>Treibklinkenfeder</u> driving latch spring	
7	0345 - U15.1	<u>Werkteil</u> an Stelle v. 0345-U15 base plate inst. of 0345-U15	 <u>0345-U151</u>
8	0345 - G54.1	<u>Vorlaufwerk</u> an Stelle v. 0345-G54 delayed action assembly inst. of 0345-G54	 <u>0345-222</u>
9			
10	0345 - 222	<u>Umstellringschr.</u> synchro switch screw	

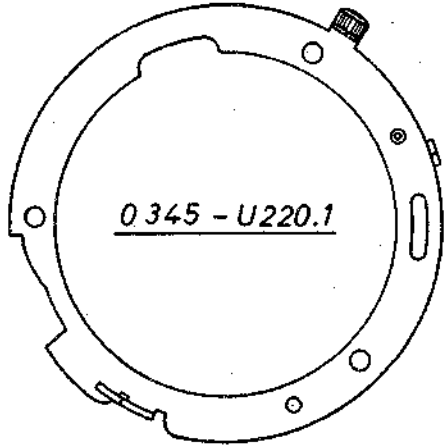
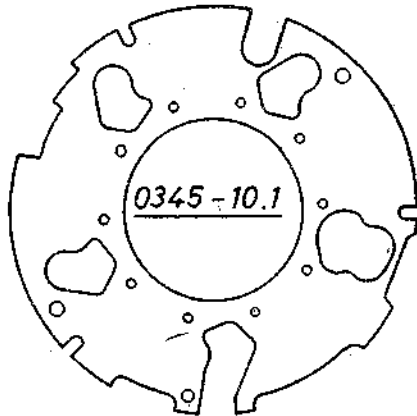
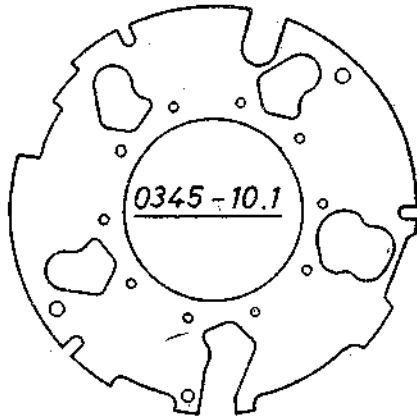
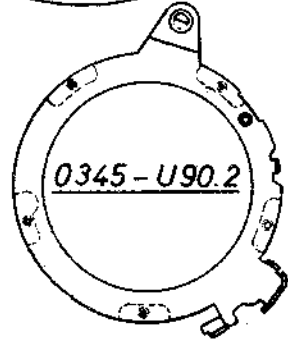
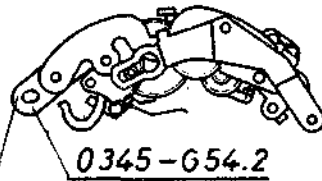
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5493	1	8.3.57	5590	5, 6, 7	8.3.57			
5467	2	" " "	5609	10	" " "			
			5624	8	" " "			
5575	4	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0445 - G54	<u>Vorlaufwerk</u> an Stelle v. 0345 - G54.1 delayed action assembly inst. of 0345 - G54.1	 <u>0445 - G54</u> wird nur als Ganzes abgegeben only complete assembly can be supplied
2	0345 - U15.2	<u>Werkteil</u> an Stelle v. 0345 - U15.1 base plate inst. of 0345 - U15.1	
3	0345 - U90.1	<u>Antriebring</u> an Stelle v. 0345 - U90 drive ring inst. of 0345 - U90	 <u>0345-U15.2</u> wird nicht abgegeben cannot be supplied
4	0345 - U1.1	<u>Kapsel</u> an Stelle v. 0345 - U1 housing inst. of 0345 - U1	
5	0345 - U340	<u>Rastenhebel</u> notch lever	 <u>0345-U90.1</u> wird nicht abgegeben cannot be supplied
6	0345 - 343	<u>Rastenfeder</u> an Stelle v. 0345 - 257 notch spring inst. of 0345 - 257	 <u>0345-U340</u>  <u>0345-343</u>
			 <u>0345 - U1.1</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6100	1,2	11.3.57						
6175	3	" " "						
6278	4,5,6	" " "						

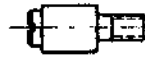
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0345 - U220.1	<u>Umstellring</u> an Stelle v. 0345 - U220 synchro switch ring inst. of 0345 - U220	
2	0345 - 10.1	<u>Trisdeckscheibe</u> an Stelle v. 0345 - 10 diaphragm covering disk inst. of 0345 - 10	
3	0345 - U15.3	<u>Werkteil</u> an Stelle v. 0345 - U15.2 base plate inst. of 0345 - U15.2	
4	0345 - G54.2	<u>Vorlaufwerk</u> an Stelle v. 0445 - G54 delayed action assembly inst. of 0445 - G54	
5	0345 - U90.2	<u>Antriebring</u> an Stelle v 0345 - U90.1 drive ring inst. of 0345 - U90.1	
			

wird nicht abgegeben
cannot be supplied

wird nur als Ganzes abgegeben
only complete assembly can be supplied

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6278	1,2,3,4,5	12.3.57						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0475 - U130	Sektor 4 Stück an Stelle v. 0346-130 4 Stück shutter blade 4 pcs. inst. of 0346-130 4 pcs.	 <u>0475 - U130</u>
2	0475 - U130a	Sektor 1 Stück an Stelle v. 0346-130 1 Stück shutter blade 1 pcs. inst. of 0346-130 1 pcs.	 <u>0475 - U130 a</u>
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 00257-117 4 Stück 0280-117 1 Stück shutter blade washer 5 pcs. inst. of 00257-117 4 pcs. 0280-117 1 pcs.	 <u>0475 - 117</u>
4	0475 - 131	Sektorenschraube 5 Stück an Stelle v. 00279-118 shutter blade screw 5 pcs. inst. of 00279-118	 <u>0345 - 413</u>
5	0345 - 149	Vlfw. Bef.-Schr. kurz 1 Stück an Stelle v. Vlfw. Bef.-Schr. 2 Stück fitting screw for d.a. short 1 pcs. inst. of fittingscrew for d.a. 2 pcs.	 <u>0345 - 413.1</u>
6	0345 - 413	Vlfw. Bef.-Schr. lang 1 Stück fitting screw for d.a. long 1 pcs.	 <u>00 257-117</u>
7	0345 - U414	Abdeckfolie cover blade	
8	0345 - 413.1	Vlfw. Bef.-Schraub lang an Stelle v. 0345-413 fitting screw for d.a. long inst. of 0345-413	
9	00257 - 117	Sektorenscheibe 1 Stück shutter blade washer 1 pcs.	
10	0475 - 117	Sektorenscheibe 4 Stück an Stelle v. 5 Stück shutter blade washer 4 pcs. inst. of 5 pcs.	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6278	1,2,3,4	13.3.57	6748	10	13.3.57			
6414	5,6	" "						
6656	7,8	" "						
6676	9	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0345

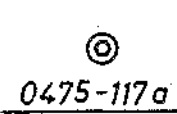
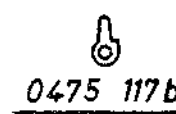
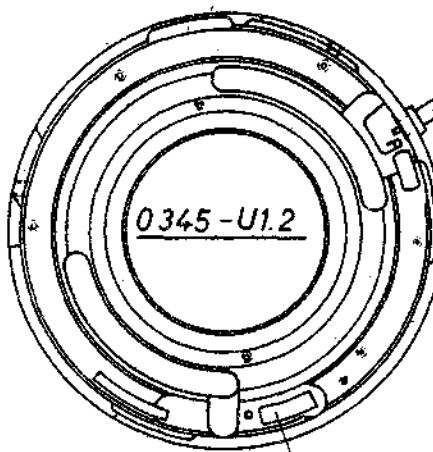
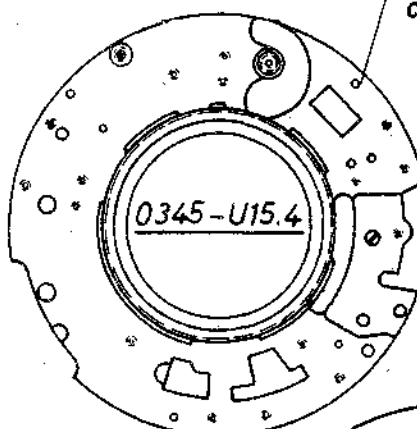
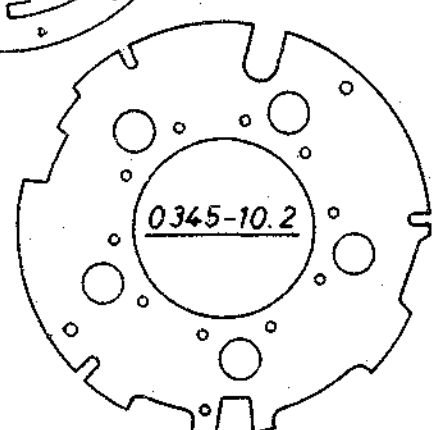
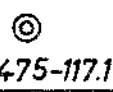
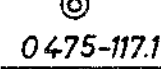
Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 6

Gepr.

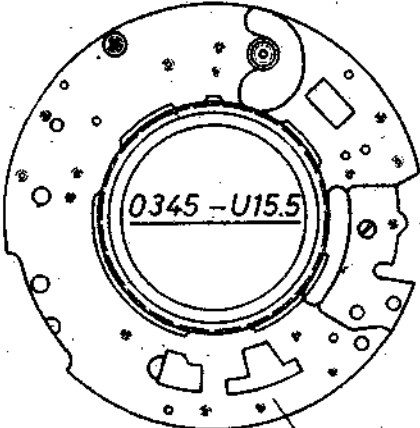
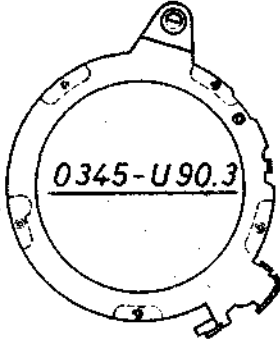
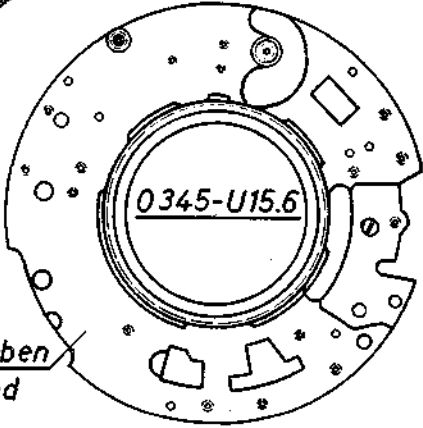
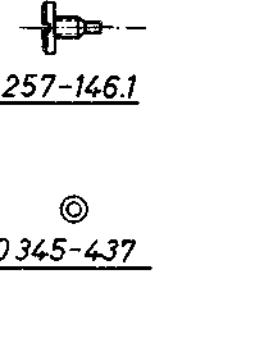
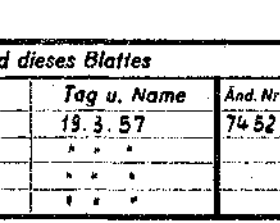
Gefertigt: 14.3.57

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0475 - 117a	<u>Sektorenscheibe</u> 1Stück an Stelle v. 00257-117 shutter blade washer 1pcs. inst. of 00257-117	
2	0475 - 117b	<u>Sektorenscheibe</u> 1Stück an Stelle v. 0475-117a shutter blade washer 1pcs. inst. of 0475-117a	
3	0345 - U1.2	<u>Kapsel</u> an Stelle v. 0345-U1.1 housing inst. of 0345-U1.1	
4	0345 - U15.4	<u>Werkteil</u> an Stelle v. 0345-U15.3 base plate inst. of 0345-U15.3	
5	0345 - 10.2	<u>Jrisdeckscheibe</u> an Stelle v. 0345-10.1 diaphragm covering disk inst. of 0345-10.1	
6	0475 - 130.1	<u>Sektor</u> 5 Stück an Stelle v. 0475-U130 4 Stück " " 0475-U130a 1 Stück shutter blade 5 pcs. inst. of 0475-U130 4 pcs. " " 0475-U130a 1 pcs.	
7	0475 - 117	<u>Sektorenscheibe</u> 5Stck. an Stelle v. 0475-117 4 Stck " " 0475-117b 1Stck shutter blade washer 5pcs. inst. of 0475-117 4 pcs. " " 0475-117b 1 pcs.	
8	0475 - 117.1	<u>Sektorenscheibe</u> 5Stück an Stelle v. 0475-117 shutter blade washer 5pcs. inst. of 0475-117	
9	0475 - 130.1	<u>Sektor</u> 6 Stück an Stelle v. 5 Stück shutter blade 6 pcs. inst. of 5 pcs.	

wird nicht abgegeben
cannot be supplied

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6748	1	14.3.57	7231	9	14.3.57			
6850	2	" " "						
7108	3,4,5,6,7	" " "						
7175	8	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0345 - U15.5	<u>Werkteil</u> an Stelle v. 0345-U15.4	
		base plate inst. of 0345-U15.4	
2	0345 - U90.3	<u>Antriebring</u> an Stelle v. 0345-U90.2	
		drive ring inst. of 0345-U90.2	
3	0475 - 117	<u>Sektorenscheibe 5 Stück</u> an Stelle v. 0475-117.1	
		shutter blade washer 5pcs inst. of 0475-117.1	
4	0475 - 130.1	<u>Sektor 5 Stück</u> an Stelle v. 6 Stück	
		shutter blade 5 pcs. inst. of 6 pcs.	
5	0345 - U101.2	<u>Spannhebel</u> an Stelle v. 0345-U101.1	
		cocking lever inst. of 0345-U101.1	
6	0345 - U15.6	<u>Werkteil</u> an Stelle v. 0345-U15.5	
		base plate inst. of 0345-U15.5	
7	0257 - 146.1	<u>Spannhebelachsenschr.</u> an Stelle v. 0257-146	
		screw for cocking lever post inst. of 0257-146	
8	0345 - U101.3	<u>Spannhebel</u> inst. of 0345-U101.2	
		cocking lever inst. of 0345-U101.2	
9	0345 - 437	<u>Unterlegscheibe</u>	
		washer	

wird nicht abgegeben
cannot be supplied

wird nicht abgegeben
cannot be supplied

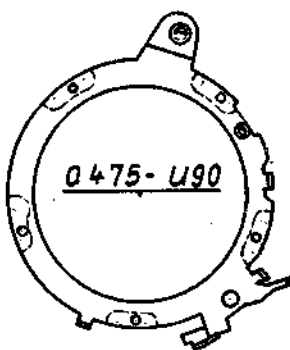
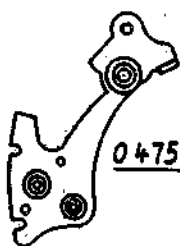
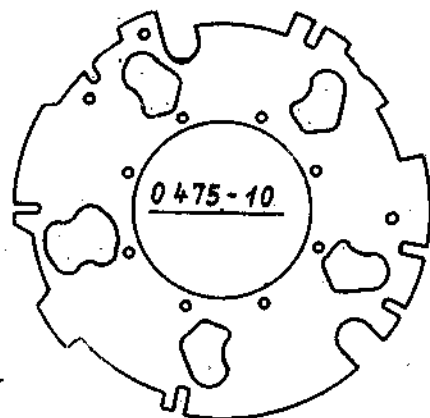
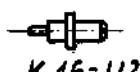
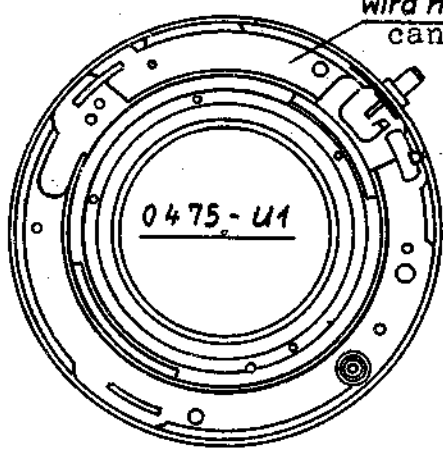
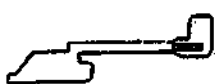
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7231	1	14.3.57	7240	7	19.3.57	7452	9	19.3.57
7231	2	" " "	7280	3	" " "			
7237-7238	5	" " "	7310	4	" " "			
7239	6	" " "	7450	8	" " "			

4.7.58 *le.*

0345-149

And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name
7518	1	4. 7. 58	7953	5	4. 7. 58			
7698	2	" " "	8549	6	" " "			
7832	3	" " "	8473	7	3. 9. 59			
7888	4	" " "						

Teil Nr.:	Teilbenennung:	Teil:	Anz.d.Änd.Bl.	1-8
0475- U90	Antriebring drive ring			
0475- U95	Fingerhebel trigger release			
0475- U110	Fingerhebelplatte trigger release plate			
0475- U168	Frontplatte (ohne Skizze) front plate			
0475- U5	Trislamelle diaphragm blade			
0475- 10	Trisdeckscheibe diaphragm covering disk			
K16- U2	Kontakt contact			
0475- U170	Kontaktfeder contact spring			
0475- U1	Kapsel shutter housing			
0475- U395	Kupplungshebel coupling lever			
0475- U394	Kupplungsschieber coupling slide			
0475- U226	Schalthebel control lever			
0345- U101.1	Spannhebel cocking lever			
0475- U130	Sektor 4 Stck. shutter blade 4 pieces			
0475- U130a	Sektor 1 Stck. shutter blade 1 piece			
0345- U174	Sicherungshebel locking lever			

es

0 475- 7

0475- 345

0475- 398

0475- 8

0475 - 388

0475-117

0345-275

0475- 386

0475- 115

only complete assembly can be supplied
wird nur als Ganzes abgegeben

0.475-G20

0 475-G54

Teil Nr.:	Teilbenennung:	Teil:
0475-121	Auslösrohr cable release socket	 0475-121
0257-122	Auslösstift cable release socket pin	 0257-122
0257-209	Auslösrohrschr. schwach cable release socket screw small	 0257-209
0257-124	Auslösrohrschr. stark cable release socket screw large	 0257-124
0345-134	Auslöshebelschr. release lever screw	 0345-134
0345-149	Bef.Schr. f. Vlfw. 2 Stck. fitting screw for d.a. 2 pieces	 0345-149
0257-150	Bef.Schr. f. HW kurz fitting screw for slow speed assembly short	 0257-150
0475-151	Bef.Schr. f. HW lang fitting screw for slow speed assembly long	 0475-151
00257-135	Einstellbogenschr. 2 Stck. index plate screw 2 pieces	 00257-135
00280s-176	Führungsplattenschr. 3 Stck. guide plate screw 3 pieces	 00280s-176
0257-146	Fingerhebelschr. trigger release screw	 0257-146
0475-370	Hohltrieb hollow pinion	 0475-370
0257-11	Trisdeckscheibenschr. 2 Stck. diaphragm covering disk screw 2 pieces	 0257-11
0475-396	Kupplungsschr. coupling screw	 0475-396
0475-399	Kupplungsstift coupling pin	 0475-399
0320-229	Schalthebelschr. control lever screw	 0320-229
0475-131	Sektorenschr. 5 Stck. shutter blade screw 5 pieces	 0475-131
0475-364	Spannormlagerbüchse cocking arm bearing bushing	 0475-364
0257-146	Spannhebelachsenschr. Screw for cocking lever	 0257-146
0345-222	Umstellringschr. synchro switch ring screw	 0345-222
0475-387	Vlfw.-Rastenhebelschr. notched lever screw for d.a.	 0475-387
0345-149	Werkteilschr. 4 Stück base plate screw 4 pieces	 0345-149

Gejertigt: 6.12.56 /k.

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

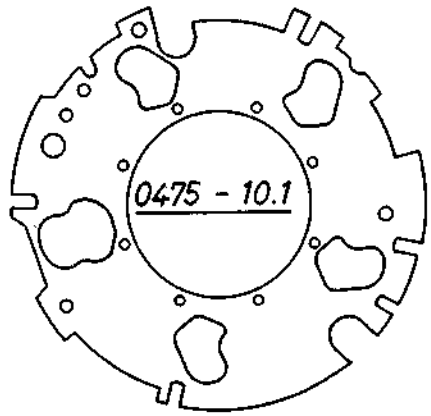
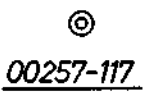
Mod. 0475

Geänderte
Teile
Changed parts

Liste besteht aus Blatt 1-8

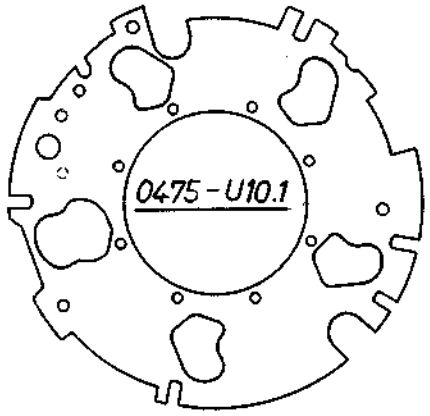
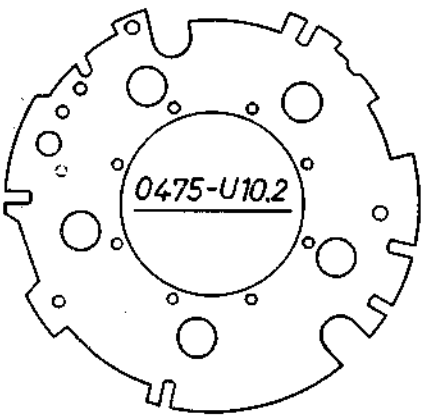
Blatt Nr. 1 Gepr.

Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 6658</u> <u>Change Nr. 6658</u>	
2	0475 - 10.1	<u>Jrisdeckscheibe</u> an Stelle v. 0475-10 diaphragm cover disc inst. of 0475-10	
3	0475 - 8.1	<u>Jrisscheibe</u> an Stelle v. 0475-8 diaphragm disc inst. of 0475-8	
4	0475 - 379	<u>Blenden-Rastenhebelfeder</u> spring for diaphragm notch lever	
5	0475 - U1.1	<u>Kapsel ohne Skizze</u> wird nicht abgegeben an Stelle v. 0475 - U1 housing with sketch cannot be supplied inst. of 0475 - U1	 <u>0475-379</u>
6		<u>Änderung Nr. 6676</u> <u>Change Nr. 6676</u>	
7	00257 - 117	<u>Sektorenscheibe</u> shutter blade washer	
8		<u>Änderung Nr. 6717</u> <u>Change Nr. 6717</u>	
9	0475 - 434	<u>Zeit-Rastenhebelrolle</u> click stop lever roll	 <u>0475-434</u>
10			

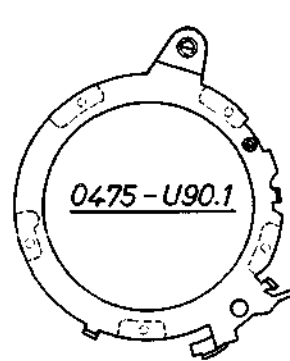
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6658	2,3,4,5	2.9.59						
6676	7	" " "						
6717	9	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 6748</u> <u>Change Nr. 6748</u>	
2	0475 - 117	<u>Sektorenscheibe 4 Stck.</u> <u>an Stelle v. 5 Stück</u> shutter blade washer 4 pcs inst. of 5 pcs.	© 0.12 dick 0.12 thick <u>0475 - 117</u>
3	0475 - 117a	<u>Sektorenscheibe</u> <u>an Stelle v. 00257-117</u> shutter blade washer inst. of 00257-117	© 0.2 dick 0.2 thick <u>0475 - 117a</u>
4		<u>Änderung Nr. 6833</u> <u>Change Nr. 6833</u>	
5	0475 - U10.1	<u>Jrisdeckscheibe</u> <u>an Stelle v. 0475-10.1</u> diaphragm cover disc inst. of 0475-10.1	
6		<u>Änderung Nr. 6850</u> <u>Change Nr. 6850</u>	
7	0475 - 117b	<u>Sektorenscheibe</u> <u>an Stelle v. 0475-117a</u> shutter blade washer inst. of 0475-117a	 <u>0475-117b</u>
8		<u>Änderung Nr. 7108</u> <u>Change Nr. 7108</u>	
9	0475 - U10.2	<u>Jrisdeckscheibe</u> <u>an Stelle v. 0475-U10.1</u> diaphragm cover disc inst. of 0475-U10.1	
10	0475 - U1.2	<u>Kapsel ohne Skizze</u> <u>wird nicht abgegeben</u> <u>an Stelle v. 0475 - U1.1</u> housing with sketch cannot be supplied inst. of 0475 - U1.1	<u>Fortsetzung zu Änd. Nr. 7108 auf Bl. Nr. 3</u> <u>continuation of change Nr. 7108 on sheet 3</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6748	2,3	2.9.59						
6833	5							
6850	7							
7108	9,10							

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	0475 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15 base plate with sketch cannot be supplied inst. of 0475 - U15	 <u>0475 - 130.1</u>
2	0475 - 130.1	Sektor 5 Stück an Stelle v. 0475-U130 4Stück " " " 0475-U130a 1Stück shutter blade 5 pcs. inst. of 0475 - U130 4 pcs. " " 0475 - U130a 1 pcs.	
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475 - 117 4Stück. " " " 0475 - 117b 1Stück. shutter blade washer 5 pcs. inst. of 0475 - 117 4 pcs. " " 0475 - 117b 1 pcs.	
4	Änderung Nr. 7175 Change Nr. 7175		 <u>0475 - 117</u>
5	0475 - 117.1	Sektorenscheibe 5 Stück an Stelle v. 0475 - 117 shutter blade washer 5 pcs. inst. of 0475 - 117	
6	Änderung Nr. 7231; 7310 Change Nr. 7231; 7310		
7	0475 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15.1 base plate with sketch cannot be supplied inst. of 0475 - U15.1	 <u>0475 - U90.1</u>
8	0475 - U90.1	Antriebring an Stelle v. 0475 - U90 drive ring inst. of 0475 - U90	
9	0475 - 130.1	Sektor 6 Stück an Stelle v. 5 Stück shutter blade 6 pcs. inst. of 5 pcs.	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7108	1, 2, 3	2.9.59						
7175	5	" " "						
7231; 7310	7, 8, 9	" " "						

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Calmbach a. d. Enz

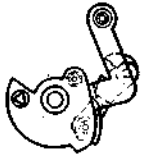
Mod. 0475

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

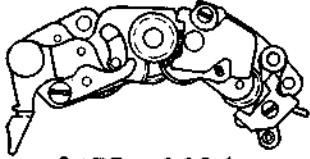
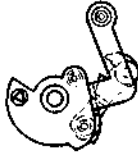
Blatt Nr. 4 Gepr.

Gefertigt: 2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2		<u>Änderung Nr. 7238</u> Change Nr. 7238	
3	0345 - U101.2	<u>Spannhebel</u> an Stelle v. 0345-U101.1 cocking lever inst. of 0345-U101.1	 <u>0345 - U 101.2</u>
4		<u>Änderung Nr. 7239</u> Change Nr. 7239	
5	0475 - U15.3	<u>Werkteil</u> ohne Skizze wird nicht abgegeben an Stelle v. 0475-U15.2 base plate with sketch cannot be supplied inst. of 0475-U15.2	
6		<u>Änderung Nr. 7240</u> Change Nr. 7240	
7	0257 - 146.1	<u>Spannhebelachsenschraube</u> an Stelle v. 0257-146 cocking lever axis screw inst. of 0257-146	 <u>0257 - 146.1</u>
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7238	3	2.9.59						
7239	6	" " "						
7240	7	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 7280</u> <u>Change Nr. 7280</u>	
2	0475 - 117	<u>Sektorenscheibe 5 Stück</u> <u>an Stelle v. 0475-117.1</u> shutter blade washer 5pcs inst. of 0475-117.1	 <u>0475-117</u>
3		<u>Änderung Nr. 7282, 7403</u> <u>Change Nr. 7282, 7403</u>	
4	0475 - G20.1	<u>Herrnwerk</u> <u>an Stelle v. 0475- G20</u> slow speed assembly inst. of 0475- G20	 <u>0475 - G20.1</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
5		<u>Änderung Nr. 7310</u> <u>Change Nr. 7310</u>	
6	0475 - 130.1	<u>Sektor 5 Stück</u> <u>an Stelle v. 6 Stück</u> shutter blade 5 pcs. inst. of 6 pcs.	 <u>0475 - 130.1</u>
7		<u>Änderung Nr. 7450</u> <u>Change Nr. 7450</u>	
8	0345 - U101.3	<u>Spannhebel</u> <u>an Stelle v. 0345 - U101.2</u> cocking lever inst. of 0345- U101.2	 <u>0345 - U 101.3</u>
9		<u>Änderung Nr. 7452</u> <u>Change Nr. 7452</u>	
10	0345 - 437	<u>Unterlegscheibe</u> washer	 <u>0345-437</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7280	2	2.9.59	7452	10	2.9.59			
7282, 7403	4	" " "						
7310	6	" " "						
7450	8	" " "						

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 0475

Gedänderte
Teile
Changed parts

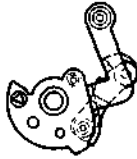
Liste besteht aus Blatt

Blatt Nr. 6

Gepr.

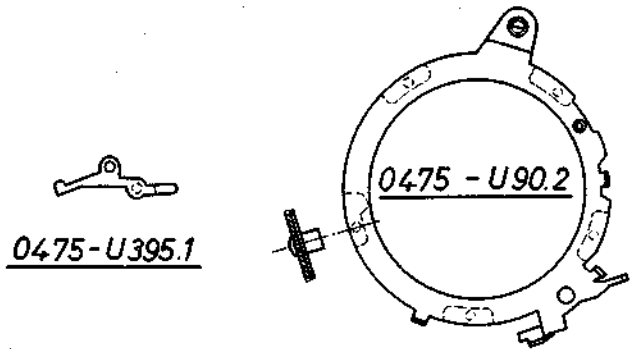
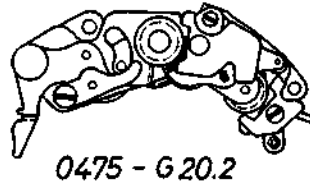
Gefertigt:

2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 7461</u> <u>Change Nr. 7461</u>	
2	0475 - 108.1	<u>Treibklinkenfeder</u> an Stelle v. 0475-108 driving latch spring inst. of 0475-108	 <u>0475-108.1</u>
3	0475 - U15.4	<u>Werkteil ohne Skizze</u> wird nicht abgegeben an Stelle v. 0475 - U15.3 base plate with sketch cannot be supplied inst. of 0475 - U15.3	
4		<u>Anderung Nr. 7524</u> <u>Change Nr. 7524</u>	
5	0475 - 396.1	<u>Kupplungsschr.</u> an Stelle v. 0475-396 coupling screw inst. of 0475-396	 <u>0475-396.1</u>
6		<u>Anderung Nr. 7605</u> <u>Change Nr. 7605</u>	
7	0475 - 364.1	<u>Spannarm Lagerbüchse</u> an Stelle v. 0475-364 cocking arm bearing bushing inst. of 0475-364	 <u>0475-364.1</u>
8		<u>Anderung Nr. 7698</u> <u>Change Nr. 7698</u>	
9	0475 - U101.1	<u>Spannhebel</u> an Stelle v. 0345 - U101.3 cocking lever inst. of 0345 - U101.3	 <u>0475-U101.1</u>
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7461	2,3	2.9.59						
7524	5	" " "						
7605	7	" " "						
7698	9	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 7805</u> <u>Change Nr. 7805</u>	
2	0475 - U395.1	<u>Kupplungshebel</u> an Stelle v. 0475-U395 coupling lever inst. of 0475-U395	 <u>0475-U395.1</u> <u>0475-U90.2</u>
3		<u>Anderung Nr. 7832</u> <u>Change Nr. 7832</u>	
4	0475 - U90.2	<u>Antriebring</u> an Stelle v. 0475-U90.1 drive ring inst. of 0475-U90.1	 <u>0475-G20.2</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
5		<u>Anderung Nr. 7922</u> <u>Change Nr. 7922</u>	
6	0475 - G20.2	<u>Hemmwerk</u> an Stelle v. 0475-G20.1 slow speed assembly inst. of 0475-G20.1	 <u>0475-151.1</u>
7	0475 - 151.1	<u>Bef.-Schraube f.HW lang</u> an Stelle v. 0475-151 fixing screw for slow speed assembly long inst. of 0475-151	 <u>0475-50.1</u>
8	0475 - 50.1	<u>Ankerhebelfeder</u> an Stelle v. 0475-50 anchor lever spring inst. of 0475-50	
9	0475 - U1.3	<u>Kapsel ohne Skizze</u> wird nicht abgegeben an Stelle v. 0475-U1.2 housing with sketch cannot be supplied inst. of 0475-U1.2	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7805	2	2.9.59						
7832	4	2.9.59						
7922	6, 7, 8, 9	2.9.59						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0475

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 8

Gepr.

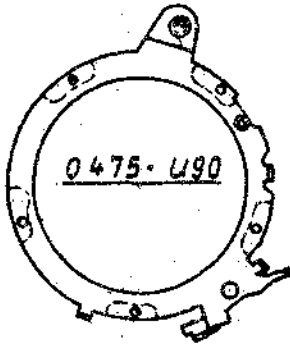
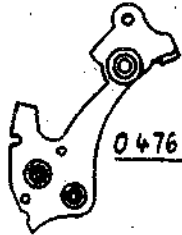
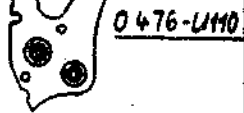
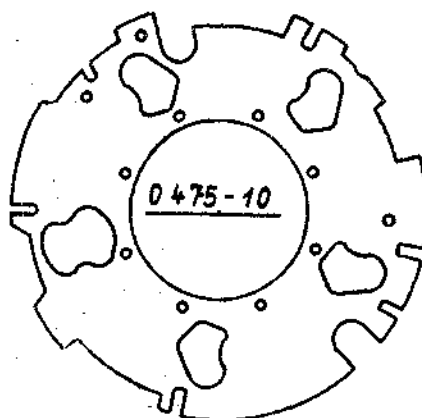
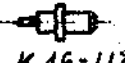
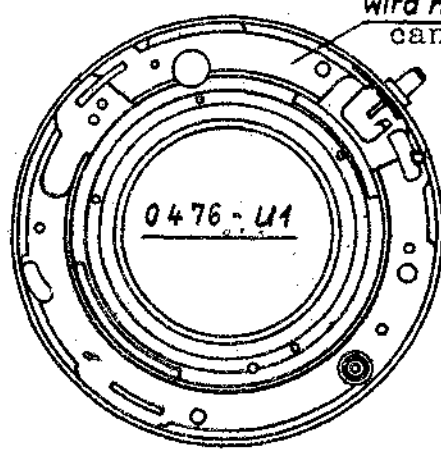
Gefertigt:

2.9.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2			
3		<u>Änderung Nr. 7986</u> <u>Change Nr. 7986</u>	
4	0475 - U395.2	<u>Kupplungshebel</u> an Stelle v. 0475 - U395.1 coupling lever inst. of 0475 - U395.1	 <u>0475 - U395.2</u>
5		<u>Änderung Nr. 8170</u> <u>Change Nr. 8170</u>	
6	0475 - 399.1 0475 - 399	<u>Kupplungsstift</u> wahlweise coupling pin optionally	 <u>0475-399.1</u>
			 <u>0475-399</u>
7		<u>Änderung Nr. 8549</u> <u>Change Nr. 8549</u>	
8	0475 - U15.5	<u>Werkteil</u> ohne Skizze wird nicht abgegeben an Stelle v. 0475 - U15.4 base plate with sketch cannot be supplied inst. of 0475 - U15.4	 <u>0495 - 290</u>
9		<u>Änderung Nr. 9520</u> <u>Change Nr. 9520</u>	
10	0495 - 290	<u>Spannarm I</u> an Stelle v. 0475-290 cocking arm I inst. of 0475-290	

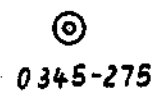
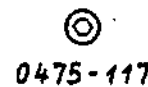
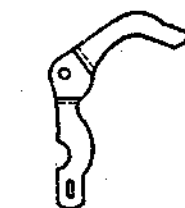
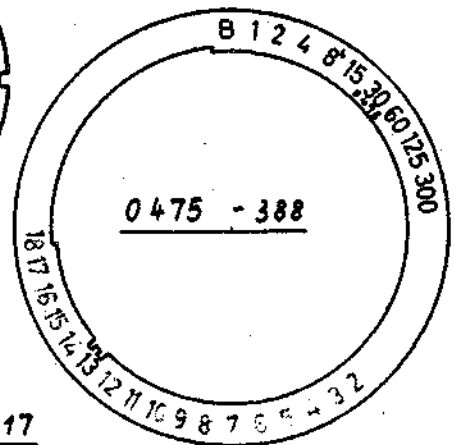
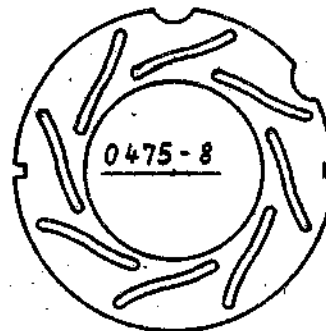
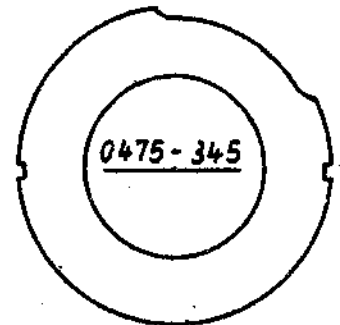
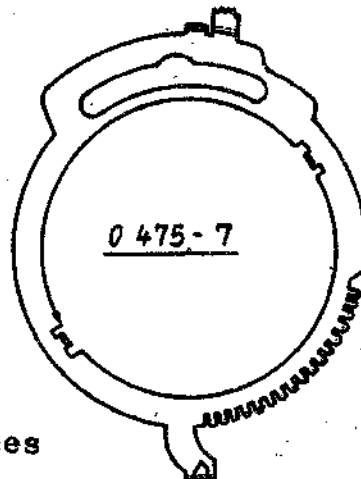
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
			9520	10	2.9.59			
7986	4	2.9.59						
8170	6	" " "						
8549	8	" " "						

Teil Nr.:	Teilbenennung:	Teil:	Anz. d. Änd. Bl.	1-7
0475- U90	Antriebring drive ring			
0476- U95	Fingerhebel (ohne Skizze) trigger release			
0476- U110	Fingerhebelplatte trigger release plate			
0475- U168	Frontplatte (ohne Skizze) front plate			
0475- U5	Jrislornelle diaphragm blade			
0475- 10	Jrisdeckscheibe diaphragm covering disk			
K16- U2	Kontakt contact			
Q475- U170	Kontaktfeder contact spring			
0476- U1	Kapsel shutter housing			
0475- U395	Kupplungshebel coupling lever			
0475- U394	Kupplungsschieber coupling slide			
0475- U226	Schalthebel control lever			
0346- U101.1	Spannhebel cocking lever			
0475- U130	Sektor 4 Stck. shutter blade 4 pieces			
0475- U130a	Sektor 1 Stck. shutter blade 1 piece			

0295 - 239

Teil Nr.:	Teilbenennung:
0 475 - 7	Jriszeigerring diaphragm index ring
0 475 - 345	Jrisabdeckscheibe diaphragm covering disk
0 475 - 8	Jrisscheibe diaphragm disk
0 475 - 398	Kupplungsscheibe coupling slide
0 475 - 388	Lichtwertring exposure value ring
0 475 - 117	Sektorenscheibe 5Stk shutter blade washer 5 pieces
0 475 - 290	Spannarm I cocking arm I
0 345 - 275	Vorlaufwerkunterlegscheibe delayed action washer
0 475 - 386	Vorlaufwerkkrastenhebel notched lever for d.a.
0 475 - 115	Zeithebel time lever
0 346 - 114	Zeithebelunterlegscheibe time lever washer
0 475 - G20	Herrnwerk slow speed assembly
0 475 - G54	Vorlaufwerk delayed action assembly

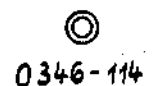


0 475 - 290

0 475 - 386

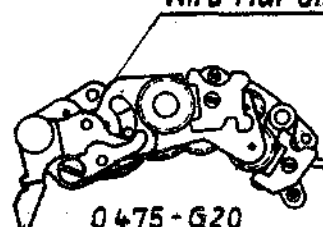


0 475 - 115



0 346 - 114

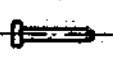
only complete assembly can be supplied
wird nur als Ganzes abgegeben



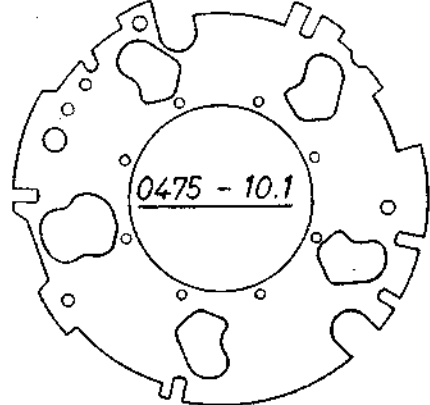
0 475 - G20



0 475 - G54

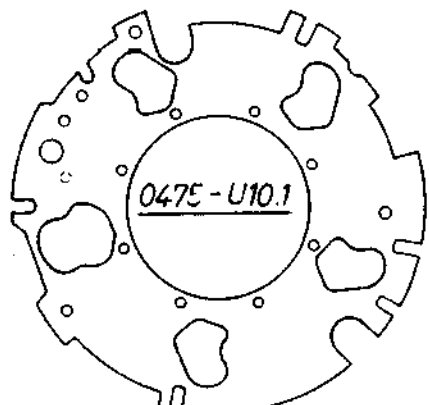
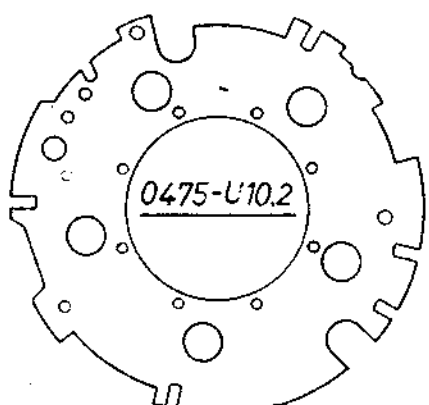
Teil Nr.:	Teilbenennung:	Teil:
0475-121	Auslösrohr cable release socket	
0257-122	Auslösstift cable release socket pin.	
0257-209	Auslösrohrschr. schwach cable release socket screw small	
0285x1-124	Auslösrohrschr. cable release socket	
0345-134	Auslöshebelschr. release lever screw	
0345-149	Bef.Schr. f. Vifw. 2 Stck. fitting screw for d.a. 2 pieces	
0257-150	Bef.Schr. f. HW kurz fitting screw for slow speed assembly short	
0475-151	Bef.Schr. f. HW lang fitting screw for slow speed assembly long	
00257-135	Einstellbogenschr. 2 Stck. index plate screw 2 pieces	
00280s-176	Führungsplattenschr. 3 Stck. guide plate screw 3 pieces	
0257-146	Fingerhebelschr. trigger release screw	
0475-370	Hohltrieb hollow pinion	
0257-11	Frischeckscheibenschr. 2 Stck. diaphragm covering disk screw 2 pieces	
0475-396	Kupplungschr. coupling screw	
0475-399	Kupplungsstift coupling pin	
Knebelkerbstift 1x4.5 KSB DIN 1475	notched pin 1x4.5 KSB DIN 1475	
0320-229	Schalthebelschr. control lever screw	
0475-131	Sektorenschr. 5 Stück shutter blade screw 5 pieces	
0475-364	Spannarmlagerbüchse cocking arm bearing bushing	
0345-222	Umstellringschr. synchro switch ring screw	
0475-387	Vifw. Rastenhebelschr. notched lever screw for d.a.	
0345-149	Werkteilschr. 4 Stück base plate screw 4 pieces	

[illegible]

Lfd. Nr.	Teil Nr.:	Teilbenennung.	Teil:
1		<u>Anderung Nr. 6658</u> <u>Change Nr. 6658</u>	
2	0475 - 10.1	<u>Jrisdeckscheibe</u> an Stelle v. 0475-10 diaphragm cover disc inst. of 0475-10	
3	0475 - 8.1	<u>Jrisscheibe</u> an Stelle v. 0475-8 diaphragm disc inst. of 0475-8	
4	0475 - 379	<u>Blenden-Rastenhebelfeder</u> spring for diaphragm notch lever	
5	0476 - U1.1	<u>Kapsel</u> ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U1 housing with sketch cannot be supplied inst. of 0476 - U1	 <u>0475-379</u>
6		<u>Anderung Nr. 6676</u> <u>Change Nr. 6676</u>	
7	00257 - 117	<u>Sektorenscheibe</u> shutter blade washer	 <u>00257-117</u>
8		<u>Anderung Nr. 6717</u> <u>Change Nr. 6717</u>	
9	0475 - 434	<u>Zeit-Rastenhebelrolle</u> click stop lever roll	 <u>0475-434</u>
10			

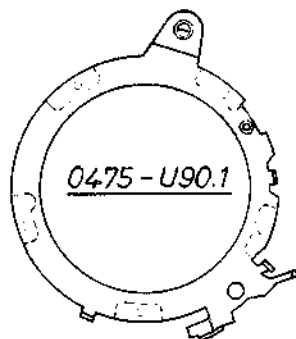
Änderungszustand dieses Blattes

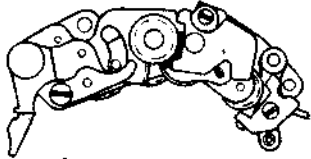
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6658	2, 3, 4, 5	2 9 59						
6676	7	" "						
6717	9	" "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 6748</u> <u>Change Nr. 6748</u>	
2	0475 - 117	<u>Sektorenscheibe 4 Stck.</u> an Stelle v. 5 Stück shutter blade washer 4 pcs inst. of 5 pcs.	⊙ 0.12 dick 0.12 thick <u>0475 - 117</u>
3	0475 - 117a	<u>Sektorenscheibe</u> an Stelle v. 00257-117 shutter blade washer inst. of 00257-117	⊙ 0.2 dick 0.2 thick <u>0475 - 117a</u>
4		<u>Anderung Nr. 6833</u> <u>Change Nr. 6833</u>	
5	0475 - U10.1	<u>Jrisdeckscheibe</u> an Stelle v. 0475-10.1 diaphragm cover disc inst. of 0475-10.1	
6		<u>Anderung Nr. 6850</u> <u>Change Nr. 6850</u>	
7	0475 - 117b	<u>Sektorenscheibe</u> an Stelle v. 0475-117a shutter blade washer inst. of 0475-117a	 <u>0475-117b</u>
8		<u>Anderung Nr. 7108</u> <u>Change Nr. 7108</u>	
9	0475 - U10.2	<u>Jrisdeckscheibe</u> an Stelle v. 0475-U10.1 diaphragm cover disc inst. of 0475-U10.1	
10	0476 - U12	<u>Kapsel ohne Skizze</u> wird nicht abgegeben an Stelle v. 0476 - U11 housing with sketch cannot be supplied inst. of 0476 - U11	<u>Fortsetzung zu And. Nr. 7108 auf Bl. Nr. 3</u> <u>continuation of change Nr. 7108 on sheet 3</u>

Änderungszustand dieses Blattes

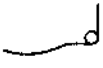
And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name	And. Nr.	Lfd. Nr.	Tag u. Name
6748	2,3	2.9.59						
6833	5							
6850	7							
7108	9,10							

Alfred Gauthier G. m. b. H. Calmbach a. d. Enz		Mod. 0476		Geänderte Teile Changed parts		Liste besteht aus Blatt Blatt Nr. 3 Gepr. Gefertigt: 2.9.59		
Lfd.Nr.	Teil Nr.:	Teilbenennung:		Teil:				
1	0476 - U15.1	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U15 base plate with sketch cannot be supplied inst. of 0476 - U15						
2	0475 - 130.1	Sektor 5 Stück an Stelle v. 0475-U130 4Stck. " " " 0475-U130a 1Stck. shutter blade 5 pcs. inst. of 0475 - U130 4 pcs. " " 0475 - U130a 1 pcs.						
3	0475 - 117	Sektorenscheibe 5 Stück an Stelle v. 0475 - 117 4Stck. " " " 0475 - 117b 1Stck. shutter blade washer 5pcs inst. of 0475 - 117 4 pcs. " " 0475 - 117b 1 pcs.						
4	<u>Anderung Nr. 7175</u> Change Nr. 7175							
5	0475 - 117.1	Sektorenscheibe 5Stck an Stelle v. 0475- 117 shutter blade washer 5pcs inst. of 0475 - 117						
6	<u>Anderung Nr. 7231, 7310</u> Change Nr. 7231, 7310							
7	0476 - U15.2	Werkteil ohne Skizze wird nicht abgegeben an Stelle v. 0476 - U15.1 base plate with sketch cannot be supplied inst. of 0476 - U15.1						
8	0475 - U90.1	Antriebring an Stelle v. 0475- U90 drive ring inst. of 0475- U90						
9	0475 - 130.1	Sektor 6 Stück an Stelle v. 5 Stück shutter blade 6 pcs. inst. of 5 pcs.						
10								
Änderungszustand dieses Blattes								
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7108	1, 2, 3	2.9.59						
7175	5	" " "						
7231, 7310	7, 8, 9	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 7280</u> <u>Change Nr. 7280</u>	
2	0475 - 117	<u>Sektorenscheibe 5 Stück</u> <u>an Stelle v. 0475-117.1</u> shutter blade washer 5 pcs. inst. of 0475-117.1	 <u>0475-117</u>
3		<u>Anderung Nr. 7282, 7403</u> <u>Change Nr. 7282, 7403</u>	
4	0475 - G20.1	<u>Herrnwerk</u> <u>an Stelle v. 0475- G20</u> slow speed assembly inst. of 0475- G20	 <u>0475 - G20.1</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
5		<u>Anderung Nr. 7310</u> <u>Change Nr. 7310</u>	
6	0475 - 130.1	<u>Sektor 5 Stück</u> <u>an Stelle v. 6 Stück</u> shutter blade 5 pcs. inst. of 6 pcs.	 <u>0475 - 130.1</u>
7			
8			
9			
10			

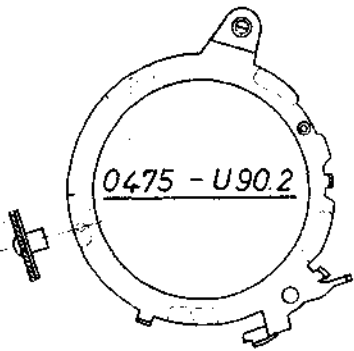
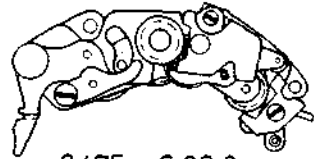
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7280	2	2.9.59						
7282, 7403	4	" "						
7310	6	" "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 7461</u> <u>Change Nr. 7461</u>	
2	0475 - 108.1	<u>Treibklinkenfeder</u> an Stelle v. 0475-108 driving latch spring inst. of 0475-108	 <u>0475-108.1</u>
3	0476 - U15.3	<u>Werkteil ohne Skizze</u> wird nicht abgegeben an Stelle v. 0476 - U15.2 base plate with sketch cannot be supplied inst. of 0476 - U15.2	
4		<u>Anderung Nr. 7524</u> <u>Change Nr. 7524</u>	
5	0475 - 396.1	<u>Kupplungsschr.</u> an Stelle v. 0475-396 coupling screw inst. of 0475-396	 <u>0475-396.1</u>
6		<u>Anderung Nr. 7605</u> <u>Change Nr. 7605</u>	
7	0475 - 364.1	<u>Spannarmlagerbüchse</u> an Stelle v. 0475-364 cocking arm bearing bushing inst. of 0475-364	 <u>0475-364.1</u>
8		<u>Anderung Nr. 7698</u> <u>Change Nr. 7698</u>	
9	0476 - U101	<u>Spannhebel</u> an Stelle v. 0346 - U101.1 cocking lever inst. of 0346 - U101.1	 <u>0476-U101</u>
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7461	2,3	2.9.59						
7524	5							
7605	7							
7698	9							

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 7805</u> <u>Change Nr. 7805</u>	
2	0475 - U395.1	<u>Kupplungshebel</u> an Stelle v. 0475-U395 coupling lever inst. of 0475-U395	 <u>0475-U395.1</u> 
3		<u>Anderung Nr. 7832</u> <u>Change Nr. 7832</u>	
4	0475 - U90.2	<u>Antriebring</u> an Stelle v. 0475-U90.1 drive ring inst. of 0475-U90.1	 <u>0475 - G20.2</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
5		<u>Anderung Nr. 7922</u> <u>Change Nr. 7922</u>	
6	0475 - G20.2	<u>Hemmwerk</u> an Stelle v. 0475-G20.1 slow speed assembly inst. of 0475-G20.1	 <u>0475-151.1</u>
7	0475 - 151.1	<u>Bef.-Schraube f. HW lang</u> an Stelle v. 0475-151 fixing screw for slow speed assembly long inst. of 0475-151	 <u>0475-50.1</u>
8	0475 - 50.1	<u>Ankerhebelfeder</u> an Stelle v. 0475-50 anchor lever spring inst. of 0475-50	
9	0476 - U1.3	<u>Kapsel ohne Skizze</u> wird nicht abgegeben an Stelle v. 0476-U1.2 housing with sketch cannot be supplied inst. of 0476-U1.2	
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7805	2	2. 9. 59						
7832	4	" " "						
7922	6, 7, 8, 9	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 0476

Geänderte
Teile
Changed parts

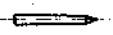
Liste besteht aus Blatt

Blatt Nr. 7

Gepr.

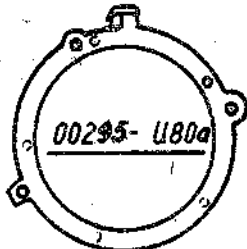
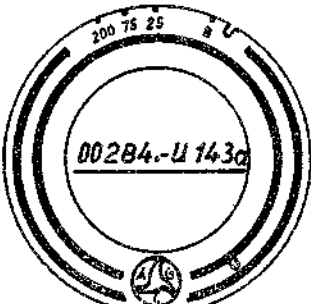
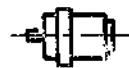
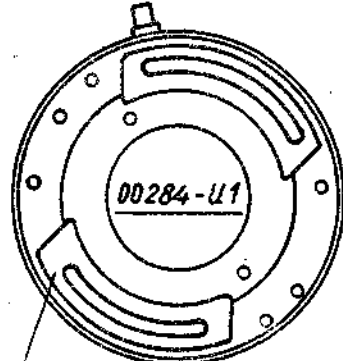
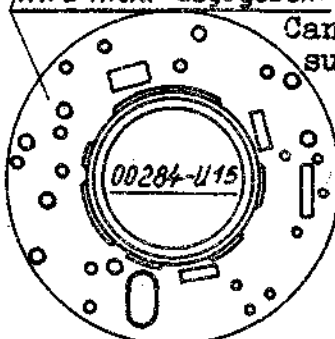
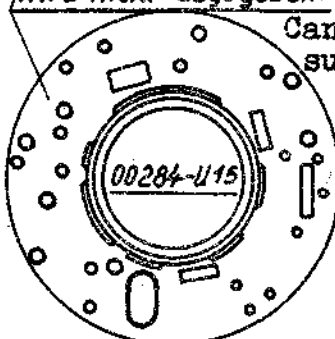
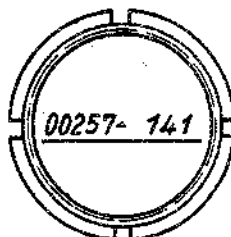
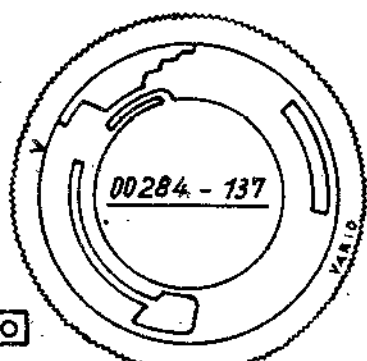
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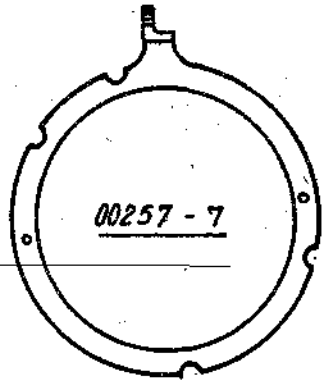
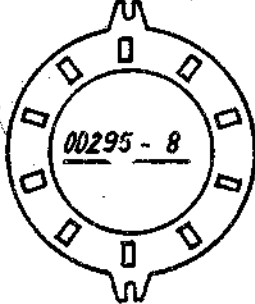
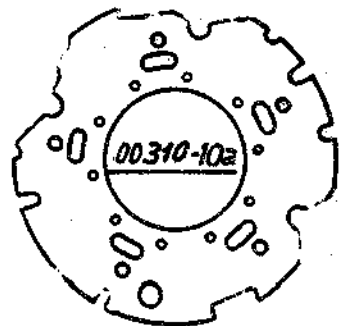
2.9.59

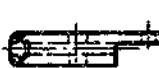
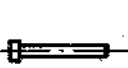
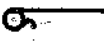
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2			
3		<u>Anderung Nr. 7986</u> Change Nr. 7986	
4	0475 - U395.2	<u>Kupplungshebel</u> an Stelle v 0475-U395.1 coupling lever inst. of 0475-U395.1	 <u>0475-U395.2</u>
5		<u>Anderung Nr. 8170</u> Change Nr. 8170	
6	0475 - 399.1 0475 - 399	<u>Kupplungsstift</u> wahlweise coupling pin optionally	 <u>0475-399.1</u>  <u>0475-399</u>
7		<u>Anderung Nr. 9520</u> Change Nr. 9520	
8	0495 - 290	<u>Spannarm I</u> an Stelle v. 0475-290 cocking arm I inst. of 0475-290	 <u>0495 - 290</u>
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
7986	+	2.9.59						
8170	6							
9520	8							

Teil Nr.	Teilbenennung	Teil	Anz d. Änd. Bl. 12.3
00295 - U80a	Antriebring Drive Ring		00257 - U85 
00257 - U85	Fingerhebel Exterior Release Lever		
00284 - U143a	Frontplatte Front Plate		00257 - U5 
00257 - U5	Jrislamelle (10 Stck.) Diaphragm Blade 10 pcs		K16 - U2 
00284 - U1	Kapsel Shutter Case		00280 - U173 
00280 - U173	Kontaktplatte Contact Plate		
K16 - U2	Kontakt Contact		
00284 - U90	Riegelhebelplatte Bar Lever Plate		00284 - U90 
		wird nicht abgegeben! Cannot be supplied	
00284 - U15	Werkteil Base Plate		
00257 - 141	Anschraubring Thread Ring		00257 - 106 
00257 - 106	Auslöshebel Inner Release Lever		
00257 - 134	Einstellbogen Top Plate		00284 - 137 
00284 - 137	Einstellring Time Setting Ring		

Teil Nr.	Teil benennung	Teil
00280-139	Frontplattenring Front Plate Ring	
00257-7	Iriszeigerring Diaphragm Index Ring	
00295-8	Irisseibe Diaphragm Disk	
00310-10a	Irisdeckscheibe Diaphragm Covering Disk	
00280-111	Kontakthebel Contact Lever	
00295-116	Sektor (5 Stück) Shutter Blade (5 pcs.)	
00257-117	Sektorenscheibe Shutter Blade Disk	
00257-156	Sicherungshebel Locking Lever	
00295-1196	Spannhebel Cocking Lever	
00257-117	Sektorenscheibe (4 St.) shutter blade washer 4 p.	
00257-119	Zeithebel Time Lever	
00284-G20	Hemmwerk Escapement Mechanism	

Alfred Gauthier G.m.b.H. Calmbach a.d. Erz		Nr. 00 M. 284		Blatt 3	98
				geprüft:	
				gefertigt: 24. 5. 50.	Wendt
Teil Nr.	Teilbenennung	Teil			
00257-107	Auslöshebelschraube	00257-107	00257-108	00257-123	00257-124
Inner	Release Lever Screw				
00257-108	Auslöshebelunterlagscheibe				
Inner	Release Lever Washer				
00257-123	Auslösrohr				
	Release Tube	00257-125		00257-135	
00257-124	Auslösstift				
	Release Pin				
00257-125	Auslösrohrschraube 2St.				
	Release Tube Screw	00257-126		00257-11	00257-9
00257-135	Einstellbogenschraube 2St.				
	Top Plate Screw 2p.				
00257-126	Fingerhebelschraube				
Exterior	Release Lever Screw			00280-112	00257-113
00257-11	Irisdeckscheibenschraube 2St.				
	Diaphragm Covering Disk Screw 2p.				
00257-9	Irischraube 2Stck.				
	Diaphragm Screw 2pcs.			00280-127	00280-128
00280-112	Kontakthebelsbüchse				
	Contact Lever Bushing				
00257-113	Kontakthebelschraube				
	Contact Lever Screw		00257-118	00257-46	
00280-127	Ringfederanschlagschraube				
	Stop Screw for Ring Spring				
00280-128	Ringfederschraube				
	Ring Spring Screw			00280-136	00280-138
00257-118	Sektorenschraube 5Stck.				
	Shutter Blade Screw 5pcs				
00257-46	Spannhebelbochsenschraube				
	Screw for Cocking Lever Axis		00257-142		00257-120
00280-136	Werkbefestigungsschr. lang				
	Fixing Screw for Mechanism long				
00280-138	Werkbefestigungsschr. kurz				
	Fixing Screw for Mechanism short				
00257-142	Werkteilschraube 3Stck.				
	Base Plate Screw 3pcs				
00257-120	Zeithebelschraube	00295-129	00257-109		00257-130
	Time Lever Screw				
00295-129	Antriebringfeder				
	Drive Ring Spring				00257-132
00257-109	Auslöshebelfeder				
	Inner Release Lever Spring				
00257-130	Fingerhebelfeder				
	Exterior Release Lever Spring				00257-121
00257-132	Treibfeder				
	Drive Spring				
00257-121	Zeithebelfeder				
	Time Lever Spring				

Alfred Gauthier G.m.b.H.
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Mod. 00284

Gedänderte
Teile
Changed parts

Liste besteht aus Blatt 1.23

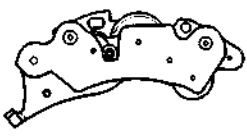
Blatt Nr. 1 Gepr.

Gefertigt: 20.12.57

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4574</u> <u>Change Nr. 4574</u>	
2	00280h4 - 139	<u>Frontplattenring</u> <u>an Stelle v. 00280 - 139</u> front plate ring inst. of 00280 - 139	
3		<u>Änderung Nr. 4643</u> <u>Change Nr. 4643</u>	
4	00295 - 139	<u>Frontplattenring</u> <u>an Stelle v. 00280h4 - 139</u> front plate ring inst. of 00280h4 - 139	
5		<u>Änderung Nr. 4739</u> <u>Change Nr. 4739</u>	
6	00295 - U96.1	<u>Spannhebel</u> <u>an Stelle v. 00295-U96</u> cocking lever inst. of 00295-U96	
7	00284 - U15.1	<u>Werkteil (ohne Skizze)</u> <u>wird nicht abgegeben</u> <u>an Stelle v. 00284 - U15</u> <u>base plate (with. sketch)</u> <u>cannot be supplied</u> <u>inst. of 00284-U15</u>	
8	00310 - 104	<u>Treibklinkenfeder</u> driving latch spring	<u>00295-U96.1</u> <u>00310-104</u>
9		<u>Änderung Nr. 4826</u> <u>Change Nr. 4826</u>	
10	00322 - 111	<u>Kontakthebel</u> <u>an Stelle v. 00280 - 111</u> contact lever inst. of 00280 - 111	 <u>00322-111</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	20.12.57						
4643	4	" " "						
4739	6,7,8	" " "						
4826	10	" " "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4887</u> <u>Change Nr. 4887</u>	
2	00257 - 129	<u>Antriebringfeder</u> <u>an Stelle v. 00295 - 129</u> drive ring spring inst. of 00295 - 129	 <u>00257-129</u>
3		<u>Änderung Nr. 5110</u> <u>Change Nr. 5110</u>	
4	00257 - 9a	<u>Trisschraube</u> <u>an Stelle v. 00257 - 9</u> diaphragm screw inst. of 00257 - 9	 <u>00257-9a</u>
5		<u>Änderung Nr. 5605</u> <u>Change Nr. 5605</u>	
6	00285 - G20	<u>Herrnwerk</u> <u>an Stelle v. 00284 - G20</u> slow speed assembly inst. of 00284 - G20	 <u>00285 - G20</u> <u>wird nur als Ganzes abgegeben</u> only complete assembly can be supplied
7		<u>Änderung Nr. 5942</u> <u>Change Nr. 5942</u>	
8	00257 - 127	<u>Ringfederanschlagschr.</u> <u>an Stelle v. 00280 - 127</u> stop screw for ring spring inst. of 00280 - 127	 <u>00257-127</u>
9		<u>Änderung Nr. 5954</u> <u>Change Nr. 5954</u>	
10	00314 - 116	<u>Sektor</u> <u>an Stelle v. 00295 - 116</u> shutter blade inst. of 00295 - 116	 <u>00314-116</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4887	2	20. 12. 57	5954	10	20. 12. 57			
5110	4	" " "						
5605	6	" " "						
5942	8	" " "						

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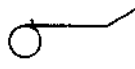
Mod. 00 284

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

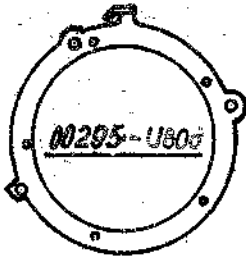
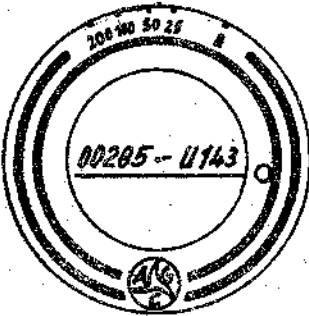
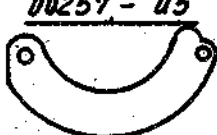
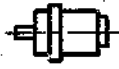
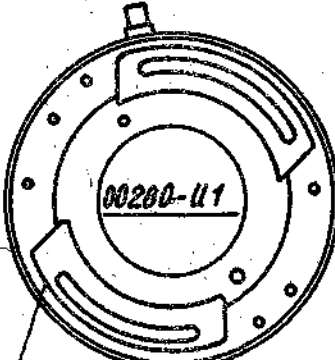
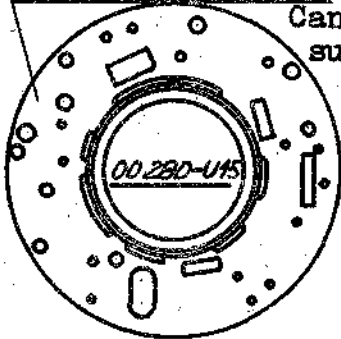
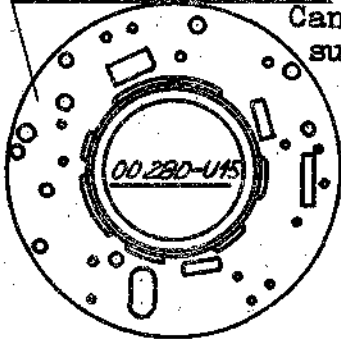
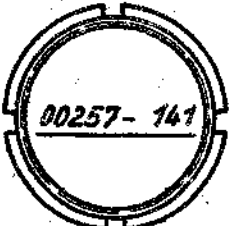
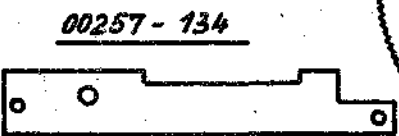
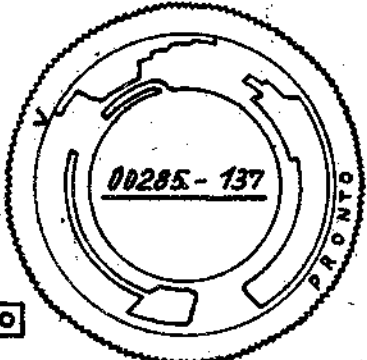
Blatt Nr. 3 Gepr.

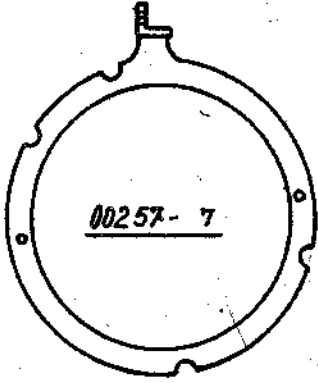
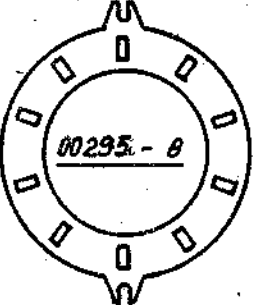
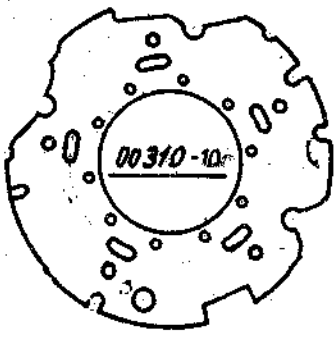
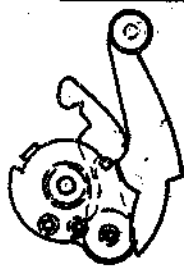
Gefertigt: 25.8.59

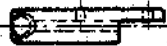
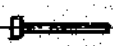
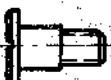
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 9012</u> <u>Change Nr. 9012</u>	
2	00377- 132	<u>Treibfeder</u> an Stelle v. 00257-132 drive spring inst. of 00257-132	 <u>00377-132</u>
3		<u>Änderung Nr. 9383</u> <u>Change Nr. 9383</u>	
4	00475- 111	<u>Kontakthebel</u> an Stelle v. 00322-111 contact lever inst. of 00322-111	 <u>00475-111</u>
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9012	2	25.8.59						
9383	4	" " "						

Teil Nr.	Teilbenennung	Teil	Inz. d. And. El. 1,2,3
00295-U80	Antriebring Drive Ring		00257-U85 
00257-U85	Fingerhebel Release		
00285-U143	Frontplatte Front Plate		00257-U5 
00257-U5	Jrislamelle (10 Stck.) Diaphragm Blade 10 pcs		K16-U2 
00280-U1	Kapsel Shutter		00280-U173 
00280-U173	Kontaktplatte Contact Plate		
K16-U2	Kontakt Contact		
00257-U90	Riegelhebelplatte Bar Lever Plate		00257-U90 
		wird nicht abgegeben! Cannot be supplied	
00280-U15	Werkteil Base Plate		
00257-141	Anschraubring		00257-106 
00257-106	Auslöshebel Release Lever		
00257-134	Einstellbogen Plate		00285-137 
00285-137	Einstellring Setting Ring		

Teil Nr.	Teilbenennung	Teil
00280-139	Frontplattenring Front Plate Ring	
00257-7	Iriszeigerring Diaphragm Index Ring	
00295-8	Irisseibe Diaphragm Disk	
00310-100	Irisdeckscheibe Diaphragm Covering Disk	
00280-111	Kontakthebel Contact Lever	
00295-116	Sektor (5 Stück) Shutter Blade (5 p.)	
00295-117	Sektorenscheibe (4 St.) Shutter Blade Washer (4p.)	
00257-117	Sektorenscheibe Shutter Blade Washer	
00257-156	Sicherungshebel Locking Lever	
00295-496	Spannhebel Cocking Lever	
00280-38	Vorlaufwerksperrhebel Locking Lever for Delayed Action	
00257-119	Zeithebel Time Lever	
00284-G 20	Hemmwerk	
00280-G 49	Vorlaufwerk Delayed Action	

Teil-Nr.	Teilbenennung	Teil			
00257-107	Auslöshebelschraube	00257-107	00257-108	00257-123	00257-124
	Release Lever Screw				
00257-108	Auslöshebelunterlagsch.				
	Release Lever Washer				
00257-123	Auslösrohr	00257-125		00257-135	
	Release				
00257-124	Auslösstift				
	Release				
00257-125	Auslösrohrschraube 2St.	00257-126		00257-9	00257-11
	Release				
00257-135	Einstellbogenschr. 25Stk.	2p.			
	Plate Screw 2p.				
00257-126	Fingerhebelschr.			00280-112	00257-113
					
00257-11	Jrisdeckscheibensch. (25St.)				
	Diaphragm Covering Disk Screw (2p.)			00280-127	00280-128
00257-9	Jrisschraube (2St.)				
	Diaphragm Screw (2 p.)				
00280-112	Kontakthebelbüchse		00257-118	00257-46	
	Contact Lever Bushing				
00257-113	Kontakthebelschr.				
	Contact Lever Screw				
00280-127	Ringfederanschlagschr.			00280-136	00280-138
	Screw for Ring Spring				
00280-128	Ringfederschraube				
	Ring Spring Screw				
00280-118	Sektorenschraube (59)	00257-142			00257-120
	Shutter Blade Screw (5 p.)				
00257-46	Spannhebelachsensch.				
	Screw for Cocking				
	Lever				
00280-136	Werkbefestigungsschr. l.				
	Fixing Screw for	long			
00280-138	Werkbefestigungsschr. kurz				
	Fixing Screw for	short			
00257-142	Werkteilschraube 3St.				
	Base Plate Screw 3p.				
00257-120	Zeithebelschraube				
	Time Lever Screw				

[illegible]

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Calmbach a. d. Enz

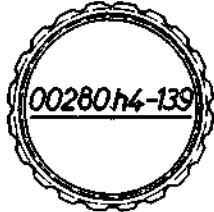
Mod. 00 285

Geänderte
Teile
Changed parts

Liste besteht aus Blatt 1,2,3

Blatt Nr. 1 Gepr.

Gefertigt: 3.1.58 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4574</u> <u>Change Nr. 4574</u>	
2	00280h4 - 139	<u>Frontplattenring</u> an Stelle v. 00280 - 139 front plate ring inst. of 00280-139	
3		<u>Änderung Nr. 4586</u> <u>Change Nr. 4586</u>	
4	00280 - G49.1	<u>Vorlaufwerk</u> an Stelle v. 00280 - G49 delayed action device inst. of 00280-G49	 <u>00280 - G49.1</u>
5		<u>Änderung Nr. 4643</u> <u>Change Nr. 4643</u>	<u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
6	00295 - 139	<u>Frontplattenring</u> an Stelle v. 00280h4 - 139 front plate ring inst. of 00280h4 - 139	
7		<u>Änderung Nr. 4739</u> <u>Change Nr. 4739</u>	
8	00295 - U96.1	<u>Spannhebel</u> an Stelle v. 00295 - U96 cocking lever inst. of 00295-U96	
9	00280 - U15.1	<u>Werkteil (ohne Skizze)</u> wird nicht abgegeben an Stelle v. 00280 - U15 base plate (with sketch) cannot be supplied inst. of 00280 - U15	<u>00295-U96.1</u>
10	00310 - 104	<u>Treibklinkenfeder</u> driving latch spring	 <u>00310-104</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	3.1.58						
4586	4	" " "						
4643	6	" " "						
4739	8.9.10	" " "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00285

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 2 Gepr.

Gefertigt: 3.1.58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4826</u> <u>Change Nr. 4826</u>	
2	00322 - 111	<u>Kontakthebel</u> <u>an Stelle v. 00280-111</u> contact lever inst. of 00280 - 111	<u>00322-111</u>
3		<u>Änderung Nr. 4887</u> <u>Change Nr. 4887</u>	
4	00257 - 129	<u>Antriebsringfeder</u> <u>an Stelle v. 00295-129</u> drive ring spring inst. of 00295 - 129	 <u>00257 129</u>
5		<u>Änderung Nr. 5110</u> <u>Change Nr. 5110</u>	
6	00257 - 9a	<u>Trisschraube</u> <u>an Stelle v. 00257 - 9</u> diaphragm screw inst. of 00257 - 9	 <u>00257-9a</u>
7		<u>Änderung Nr. 5605</u> <u>Change Nr. 5605</u>	
8	00285 - G20	<u>Hemmwerk</u> <u>an Stelle v. 00284-G20</u> slow speed assembly inst. of 00284-G20	 <u>00285-G20</u>
9	00285 - G49	<u>Vorlaufwerk</u> <u>an Stelle v. 00280-G49.1</u> delayed action device inst. of 00280-G49.1	 <u>00285-G49</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4826	2	3.1.58						
4887	4	...						
5110	6	...						
5605	8,9	...						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

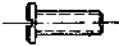
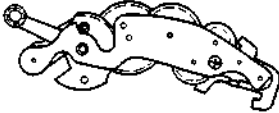
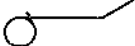
Mod. 00285

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

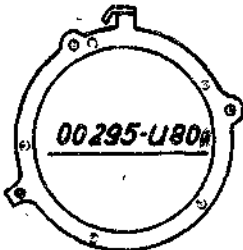
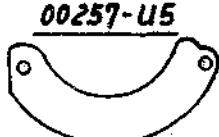
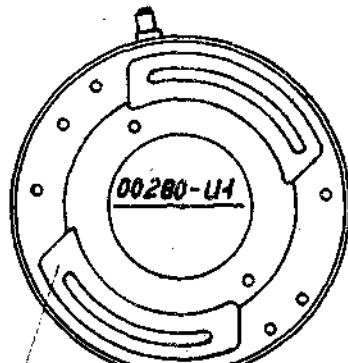
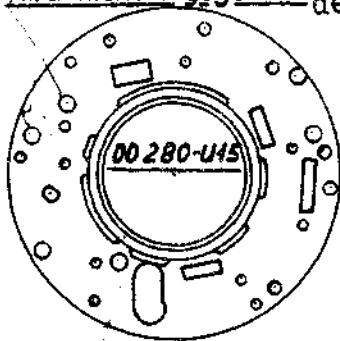
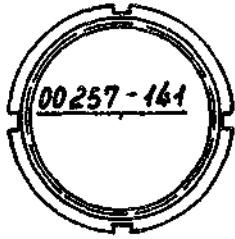
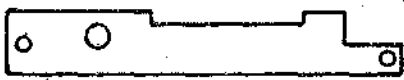
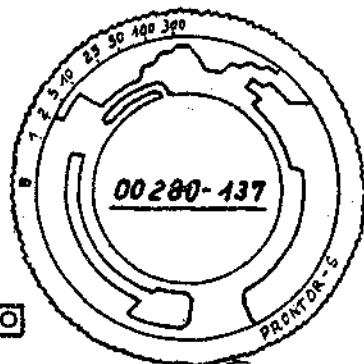
Blatt Nr. 3 Gepr.

Gefertigt: 3.1.58

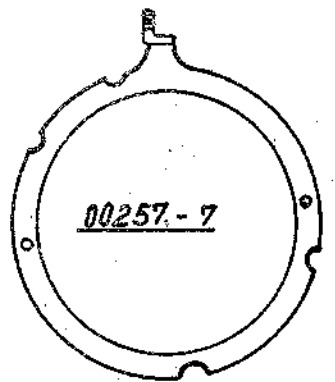
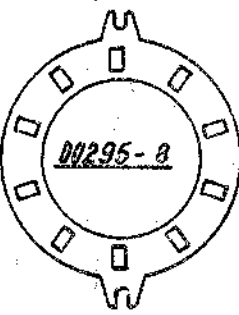
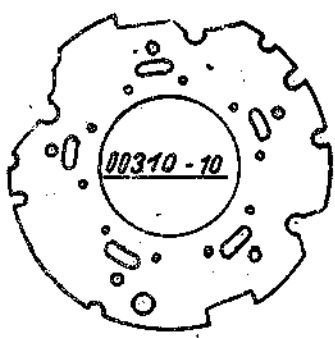
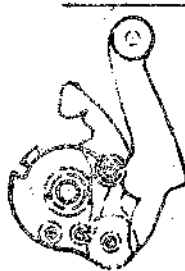
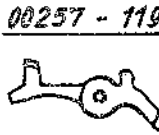
Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 5942</u> <u>Change Nr. 5942</u>	
2.	00257 - 127	<u>Ringfederanschlagschr.</u> an Stelle v. 00280 - 127 stop screw for ring spring inst. of 00280 - 127	 <u>00257-127</u>
3		<u>Änderung Nr. 5954</u> <u>Change Nr. 5954</u>	
4	00314 - 116	<u>Sektor</u> an Stelle v. 00295 - 116 shutter blade inst. of 00295 - 116	 <u>00314-116</u>
5		<u>Änderung Nr. 8388</u> <u>Change Nr. 8388</u>	
6	00280 - G49.1	<u>Vorlaufwerk</u> an Stelle v. 00285 - G49 delayed action device inst. of 00285 - G49	 <u>00280 - G49.1</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
7		<u>Änderung Nr. 9012</u> <u>Change Nr. 9012</u>	
8	00377 - 132	<u>Treibfeder</u> an Stelle v. 00257 - 132 drive spring inst. of 00257 - 132	 <u>00377-132</u>
9		<u>Änderung Nr. 9383</u> <u>Change Nr. 9383</u>	
10	00475 - 111	<u>Kontakthebel</u> an Stelle v. 00322 - 111 contact lever inst. of 00322 - 111	 <u>00475-111</u>

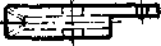
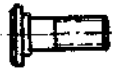
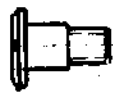
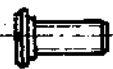
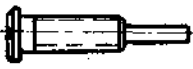
Änderungszustand dieses Blattes

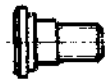
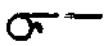
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5942	2	3.1.58	9383	10	25.8.59			
5954	4	" " "						
8388	6	25.8.59						
9012	8	" " "						

Teil Nr.	Teilbenennung:	Teil:
00295-U80a	Antriebring drive ring	
00257-U85	Fingerhebel exterior releasing lever	
00280-U143	Frontplatte alt front plate old	
00257-U5	Trislamelle 10 St. diaphragm blade 10 pieces	
00280-U1	Kapsel case	
00280-U173	Kontaktplatte contact plate	
00257-U 90	Riegelhebelplatte bar lever plate	
00280-U15	Werkteil base plate	
00257-141	Anschraubring thread ring	
00257-106	Auslöshebel inner releasing lever	
00257-134	Einstellbogen top plate	
00280-137	Einstellring timing ring	

Wird nicht abgegeben Not to be delivered

Teil Nr.	Teilbenennung	Teil
00280-139	Frontplattenring front plate ring	
00257-7	Iriszeigerring diaphragm index ring	
00295-8	Irisseibe diaphragm disk	
00310-10	Irisdeckscheibe diaphragm covering disk	
00280-111	Kontakthebel contact lever	
00257-116	Sektor 5 St. shutter blade 5 pieces	
00295-117	Sektorenscheibe 4 St. shutter blade washer 4 pieces	
00257-156	Sicherungshebel securing ring	
00257-117	Sektorenscheibe shutter blade washer	
00257-496	Spannhebel cocking lever	
00280-38	Vorlaufwerksperthebel locking lever for self timer mechanism	
00257-119	Zeithebel time lever	
00295-620	Hemmwerk escapement mechanism	
00280-649	Vorlaufwerk self timer mecha- nism	

Teil Nr.	Teilbenennung	Teil:			
00257-107	Auslöshebelschraube				
	screw of inner releasing lever				
00257-108	Auslöshebelunterlagsch.				
	washer of inner releasing lever				
00257-123	Auslösrohr				
	releasing tube				
00257-124	Auslösstift				
	releasing pin				
00257-125	Auslösrohrschr. 2 St.				
	releasing tube screw 2 pieces				
00257-135	Einstellbogenschr. 2 St.				
	top plate screw 2 pcs				
00257-126	Fingerhebelschraube				
	screw of exterior releasing lever				
00257-11	Irisdeckscheibenschr. 2 St.				
	diaphragm covering plate screw 2 pieces				
00257-9	Irischraube 2 St.				
	diaphragm screw 2 pieces				
00280-112	Kontakthebelbüchse				
	contact lever bushing				
00257-113	Kontakthebelschr.				
	contact lever screw				
00280-127	Ringfederanschlagschr.				
	stop screw for drive ring spring				
00280-128	Ringfederschraube				
	screw for drive ring spring				

Teil Nr.	Teilbenennung	Teil:	
00257-118	Sektorenschr. 5 St. shutter blade screw 5 pcs		
00257-46	Spannhebelachsschr. screw for cocking lever axis	<u>00257-118</u> 	<u>00257-46</u> 
K16 - U2	Kontakt contact		
00280-136	Werkbefestigungsschr. lang fixing screw for mechanism long	<u>00280-136</u> 	<u>00280-138</u> 
00280-138	Werkbefestigungsschr. kurz fixing screw for mechanism short		
00257-142	Werkteilschraube 3 St. screw for base plate 3 p.	<u>00257-142</u> 	<u>K 16 - U2</u> 
00257-120	Zeithebelschr. time lever screw		<u>00257-120</u> 
00295-129	Antriebringfeder spring for drive ring	<u>00295-129</u> 	<u>00257-109</u> 
00257-109	Auslöshebelfeder spring for inner releasing lever		<u>00257-130</u> 
00257-130	Fingerhebelfeder spring for exterior releasing lever	<u>00257-131</u> 	<u>00295-132</u> 
00257-131	Riegelhebelfeder bar lever spring		
00295-132	Treibfeder drive spring	<u>00257-133</u> 	<u>00257-124</u> 
00257-133	Vorlaufwerkfeder spring of self timer mechanism		
00257-124	Zeithebelfeder retaining lever spring		

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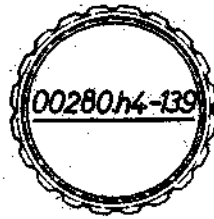
Mod. 00280

Geänderte
Teile
Changed parts

Liste besteht aus Blatt 1,2,3

Blatt Nr. 1 Gepr.

Gefertigt: 7.1.58 fe.

Lfd.Nr.	Teil Nr.	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4574</u> <u>Change Nr. 4574</u>	
2	00280h4 - 139	<u>Frontplattenring</u> an Stelle v. 00280 - 139 front plate ring inst. of 00280 - 139	
3		<u>Änderung Nr. 4586</u> <u>Change Nr. 4586</u>	
4	00280 - G49.1	<u>Vorlaufwerk</u> an Stelle v. 00280 - G49 delayed action device inst. of 00280 - G49	 <u>00280 - G49.1</u>
5		<u>Änderung Nr. 4643</u> <u>Change Nr. 4643</u>	<u>wird nur als Ganzes abgegeben</u> only complete assembly can be supplied
6	00295 - 139	<u>Frontplattenring</u> an Stelle v. 00280h4 - 139 front plate ring inst. of 00280h4 - 139	
7		<u>Änderung Nr. 4739</u> <u>Change Nr. 4739</u>	
8	00257 - U96.1	<u>Spannhebel</u> an Stelle v. 00257 - U96 cocking lever inst. of 00257 - U96	 <u>00257-U96.1</u>
9	00280 - U15.1 (mit Niet 00257-16) (with pin 00257-16)	<u>Werkteil (ohne Skizze)</u> wird nicht abgegeben an Stelle v. 00280 - U15 base plate (with sketch) cannot be supplied inst. of 00280 - U15	 <u>00310-104</u>
10	00310 - 104	<u>Treibklinkenfeder</u> driving latch spring	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4574	2	7.1.58						
4586	4							
4643	6							
4739	8							

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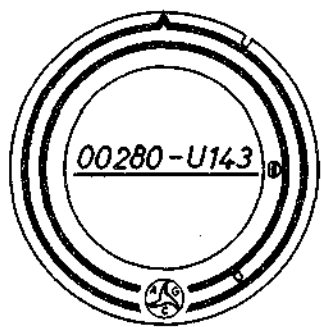
Mod. 00280

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 2 Gepr.

Gefertigt: 7.1.58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1			
2	00280 - U15.1 (mit Niet 00295-16) (with pin 00295-16)	Werkteil (ohne Skizze) wird nicht abgegeben an Stelle v. 00280 - U15.1 base plate (with sketsch) cannot be supplied inst. of 00280 - U15.1	
3	00295 - U96.1	Spannhebel an Stelle v. 00257 - U96.1 cocking lever inst. of 00257 - U96.1	 00295-U96.1
4			
5	00280 - U143	Frontplatte neu an Stelle v. 00280 - U143 alt front plate new inst. of 00280 - U143 old	
6		Änderung Nr. 4826 Change Nr. 4826	
7	00322 - 111	Kontakthebel an Stelle v. 00280 - 111 contact lever inst. of 00280 - 111	 00322-111
8		Änderung Nr. 4887 Change Nr. 4887	
9	00257 - 129	Antriebringfeder an Stelle v. 00295 - 129 drive ring spring inst. of 00295 - 129	 00257-129
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4826	7	7.1.58						
4887	9							

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Mod. 00280

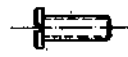
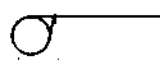
Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 3

Gepr.

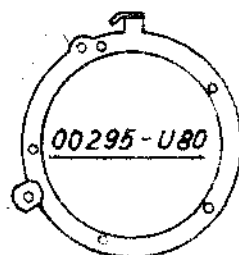
Gefertigt: 7.1.58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 5942</u> <u>Change Nr. 5942</u>	
2	00257 - 127	<u>Ringfederanschlagschr.</u> <u>an Stelle v. 00280 - 127</u> stop screw for ringspring inst. of 00280 - 127	 <u>00257-127</u>
3		<u>Anderung Nr. 5954</u> <u>Change Nr. 5954</u>	
4	00314 - 116	<u>Sektor</u> <u>an Stelle v. 00257-116</u> shutter blade inst. of 00257-116	 <u>00314-116</u>
5		<u>Anderung Nr. 6351</u> <u>Change Nr. 6351</u>	
6	00375 - 132	<u>Treibfeder</u> <u>an Stelle v. 00295 - 132</u> drive spring inst. of 00295-132	 <u>00375-132</u>
7		<u>Anderung Nr. 9383</u> <u>Change Nr. 9383</u>	
8	00475 - 111	<u>Kontakthebel</u> <u>an Stelle v. 00322-111</u> contact lever inst. of 00322-111	 <u>00475-111</u>
9			
10			

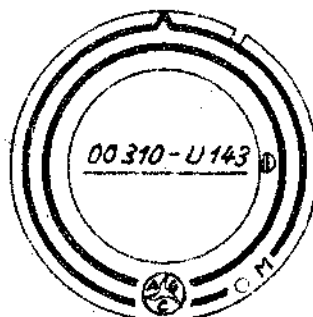
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5942	2	7.1.58						
5954	4	" " "						
6351	6	" " "						
9383	8	25.8.59						

Teil-Nr.	Teilbenennung
00295-U80	Antriebring drive ring
00257-U85	Fingerhebel trigger release
00310-U143	Frontplatte front plate
00257-U5	Trislamelle (10 Stück) diaphragm blade (10 pieces)
00310-U1	Kapsel shutter housing
00295-U1731	Kontaktplatte contact plate
00310-U2261	Kontakthebel 2 contact lever 2
00284-U90	Riegelhebelplatte bar lever plate
00295-U96	Spannhebel cocking lever assembly
00310-U212	Umstellring synchro switch ring
00310-U15	Werkteil base plate
00257-141	Anschraubring flange
00257-106	Auslöshebel release lever
00310-134	Einstellbogen index plate
00310-137	Einstellring setting ring



00257-U85



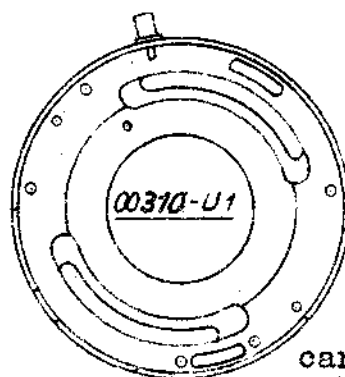
00257-U5

00295-U1731

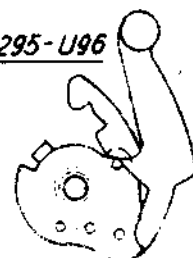


00310-U2261

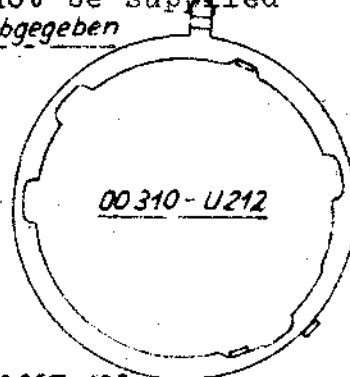
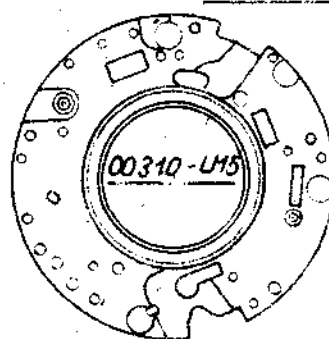
00284-U90



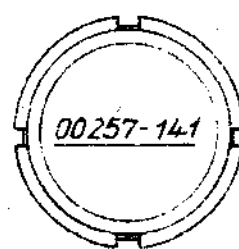
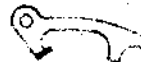
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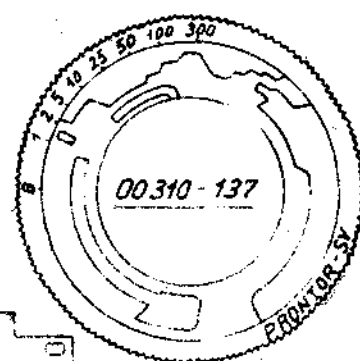
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wird nicht abgegeben



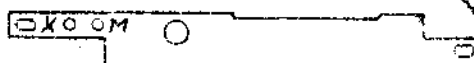
00257-106

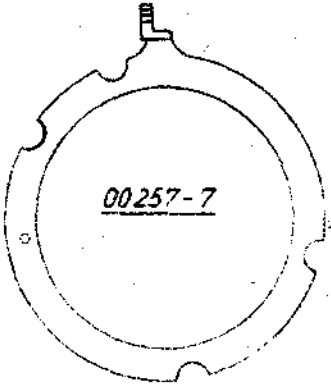
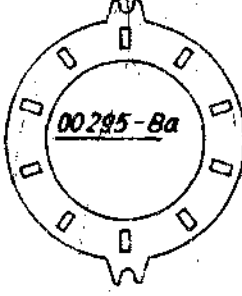
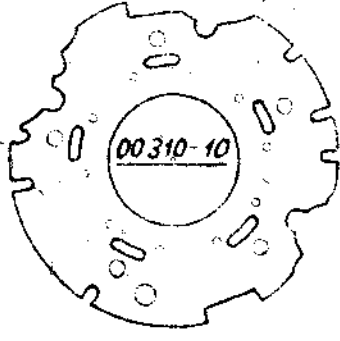


00257-141



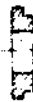
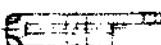
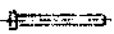
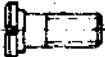
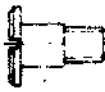
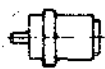
00310-134

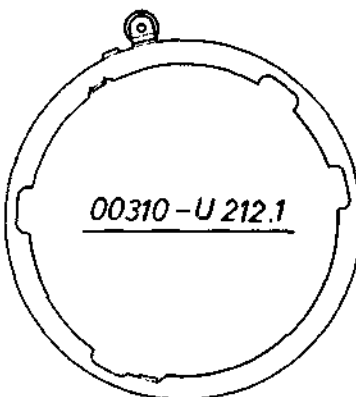
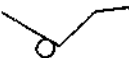


Teil-Nr.	Teilbenennung	Teil
00295-139	Frontplattenring front plate ring	
00257-7	Jriszeigerring diaphragm index ring	
00295-8a	Jrisscheibe diaphragm disk	
00310-10	Jrisdeckscheibe diaphragm covering disk	
00280-111	Kontakthebel 1 contact lever 1	
00295-116	Sektor (5 Stück) shutter blade (5 p.)	
00295-117	Sektorenscheibe (4 Stk.) shutter blade washer (4 pieces)	
00257-156	Sicherungshebel locking lever	
00257-117	Sektorenscheibe shutter blade washer	
00280-38	Vorlaufwerksperrhebel locking lever for delayed action assembly	
00257-119	Zeithebel time lever	
00295-620	Hemmwerk slow speed assembly	
00310-649	Vorlaufwerk delayed action assembly	

Teil-Nr. Teilbenennung

Teil

Teil-Nr.	Teilbenennung	00 257-107	00 257-108	00 257-123	00 257-124
00 257-107	Auslöshebelschraube				
	release lever screw				
00 257-108	Auslöshebelunterlagsch.				
	release lever				
	washer				
00 257-123	Auslösrohr				
	cable release socket	<u>00 257-125</u>		<u>00 257-135</u>	
00 257-124	Auslösstift				
	cable release socket pin				
00 257-125	Auslösrohrsch. (2 Stück)				
	cable release socket				
	screw (2 pieces)	<u>00 257-126</u>		<u>00 257-9</u>	
00 257-135	Einstellbogensch. (2 Stück)				
	index plate screw				
	2 pcs				
00 257-126	Fingerhebelschraube				
	trigger release				
	screw				
00 257-135	Frisdeckscheibensch. (2 St.)	<u>K 16 - U2</u>	<u>00 280-112</u>	<u>00 257-113</u>	
	diaphr. covering				
	plate screw 2 pcs				
00 257-9	Frissschraube (2 Stück)				
	diaphragm screw				
	2 pcs				
K 16 - U2	Kontakt				
	contact		<u>00 280-127</u>	<u>00 280-128</u>	
00 280-112	Kontakthebelschraube				
	contact lever				
	bushing				
00 257-113	Kontakthebelschraube				
	contact lever				
	screw	<u>00 257-118</u>	<u>00 257-46</u>		
00 280-127	Ringfederanschlagschr.				
	screw for				
	drive ring spring stud				
00 280-128	Ringfederschraube				
	screw for drive				
	ring spring				
00 257-118	Sektorenschraube (5 St.)		<u>00 280-136</u>	<u>00 280-138</u>	
	shutter blade				
	screw (5 pieces)				
00 257-46	Spannhebelachsschr.				
	screw for cocking				
	lever post				
00 280-136	Werkbefestigungsschr. lg.	<u>00 257-142</u>		<u>00 257-120</u>	
	fixing screw for				
	assembly long				
00 280-138	Werkbefestigungsschr. kurz				
	fixing screw for				
	assembly short				
00 257-142	Werkteilschr. 3 Stück				
	base plate screw 3 pcs.				
00 257-120	Zeithebelschr.				

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4253</u> <u>Change Nr. 4253</u>	
2	00310 - U212.1	<u>Urnstellring</u> an Stelle v. 00310-U212 synchro switch ring inst. of 00310-U212	 <u>00310-U 212.1</u>
3		<u>Änderung Nr. 4586</u> <u>Change Nr. 4586</u>	
4	00310 - G49.1	<u>Vorlaufwerk</u> an Stelle v. 00310-G49 delayed action device inst. of 00310-G49	 <u>00310-G49.1</u> <u>wird nur als Ganzes abgegeben</u> only complete assembly can be supplied
5		<u>Änderung Nr. 4739</u> <u>Change Nr. 4739</u>	
6	00295 - U96.1	<u>Spannhebel</u> an Stelle v. 00295-U96 cocking lever inst. of 00295-U96	
7	00310 - U15.1	<u>Werkteil (ohne Skizze)</u> wird nicht abgegeben an Stelle v. 00310-U15 base plate (with. sketsch) cannot be supplied inst. of 00310-U15	 <u>00295-U96.1</u>
8	00310 - 104	<u>Treibklinkenfeder</u> driving latch spring	 <u>00310-104</u>
9		<u>Änderung Nr. 4826</u> <u>Change Nr. 4826</u>	
10	00322 - 111	<u>Kontakthebel</u> an Stelle v. 00280-111 contact lever inst. of 00280-111	 <u>00322-111</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4253	2	30.1.58						
4586	4	" "						
4739	6, 7, 8	" "						
4826	10	" "						

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 4887</u> <u>Change Nr. 4887</u>	
2	00257 - 129	<u>Antriebringfeder</u> an Stelle v. 00295 - 129 drive ring spring inst. of 00295 - 129	 <u>00 257-129</u>
3		<u>Änderung Nr. 5942</u> <u>Change Nr. 5942</u>	
4	00257 - 127	<u>Ringfederanschlagschr.</u> an Stelle v. 00280 - 127 stop screw for ring spring inst. of 00280 - 127	 <u>00257-127</u>
5		<u>Änderung Nr. 5954</u> <u>Change Nr. 5954</u>	
6	00314 - 116	<u>Sektor</u> an Stelle v. 00295 - 116 shutter blade inst. of 00295 - 116	 <u>00314-116</u>
7		<u>Änderung Nr. 6351</u> <u>Change Nr. 6351</u>	
8	00375 - 132	<u>Treibfeder</u> an Stelle v. 00295 - 132 drive spring inst. of 00295 - 132	 <u>00375-132</u>
9		<u>Änderung Nr. 6916</u> <u>Change Nr. 6916</u>	
10	00310 - G49.2	<u>Vorlaufwerk</u> an Stelle v. 00310 - G49.1 delayed action device inst. of 00310 - G49.1	 <u>00310-G49.2</u> <u>wird nur als Ganzes abgegeben</u> only complete assembly can be supplied

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
4887	2	30.1.58	6916	10	30.1.58			
5942	4	" "						
5954	6	" "						
6351	8	" "						

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00310

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 3

Gepr.

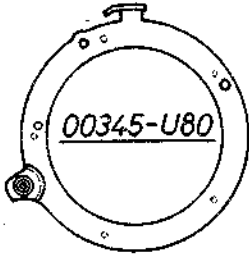
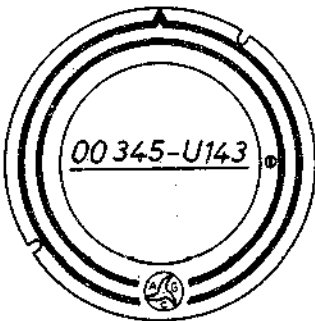
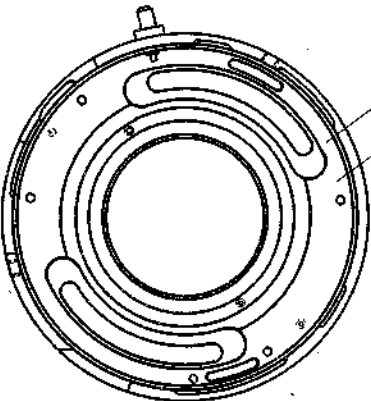
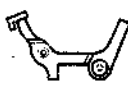
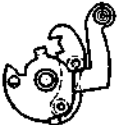
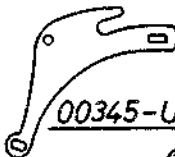
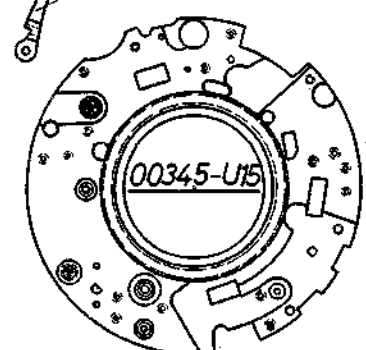
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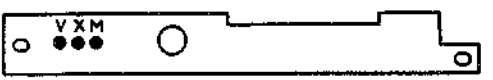
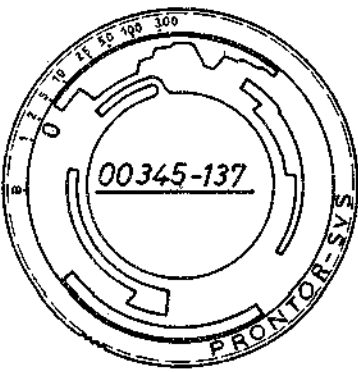
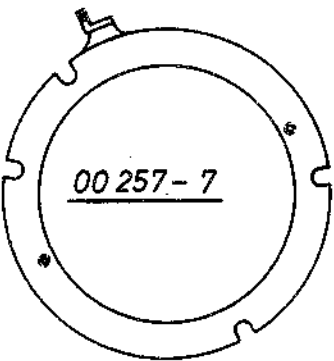
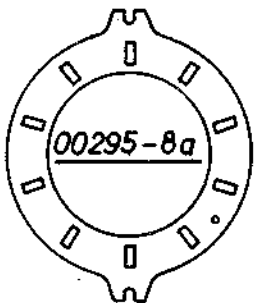
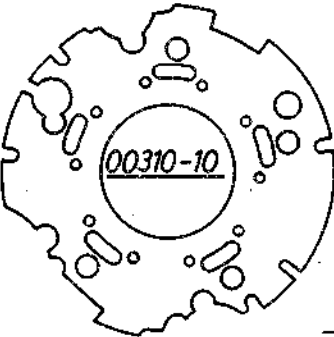
24. 8. 59

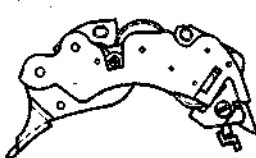
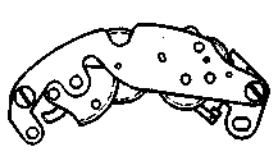
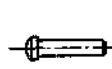
Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 9383</u> <u>Change Nr. 9383</u>	
2	00475 - 111	<u>Kontakthebel</u> an Stelle v. 00322-111 contact lever inst. of 00322-111	 <u>00475-111</u>
3			
4			
5			
6			
7			
8			
9			
10			

Änderungszustand dieses Blattes

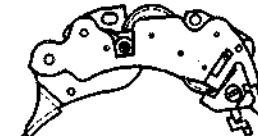
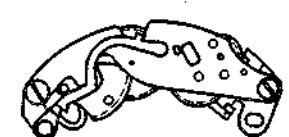
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9383	2	24. 8. 59						

Teil Nr.:	Teilbenennung:	Teil:	Anz.d.Änd.Bl. : 1,2
00345 - U80	<u>Antriebring</u> drive ring		
00345 - U85.1	<u>Fingerhebel</u> trigger release		<u>00345 - U85.1</u>
00345 - U143	<u>Frontplatte</u> front plate		
00257 - U5	<u>Jrislamelle</u> diaphragm blade		<u>00257 - U5</u>
00345 - U1	<u>Kapsel</u> shutter housing		<u>00345 - U1</u> wird nicht abgegeben cannot be supplied
K16 - U2	<u>Kontakt</u> contact		<u>K16 - U2</u>
00295 - U173.1	<u>Kontaktplatte</u> contact plate		<u>00295 - U173.1</u>
00310 - U226.1	<u>Kontakthebel 2</u> contact lever 2		<u>00310 - U226.1</u>
00345 - U96	<u>Spannhebel</u> cocking lever		<u>00345 - U96</u>
00345 - U437	<u>Spannarm 2</u> cocking arm 2		<u>00345 - U437</u>
00345 - U430	<u>Stützhebel</u> supporting lever		<u>00345 - U430</u>
00345 - U212	<u>Umstellring</u> synchro switch ring		<u>00345 - U212</u>
00345 - U15	<u>Werkteil</u> base plate		<u>00345 - U15</u> wird nicht abgegeben cannot be supplied

Teil Nr.:	Teilbenennung:	Teil:
00257 - 141	<u>Anschraubring</u> flange	 <u>00257-141</u>
00345 - 106	<u>Auslöshebel</u> release lever	 <u>00345-106</u>
00345 - 442	<u>Auslösrohrunterlage</u> cable release socket base	 <u>00345-442</u>
00345 - 134	<u>Einstellbogen</u> index plate	 <u>00345-134</u>
00345 - 137	<u>Einstellring</u> speed setting ring	 <u>00345-137</u>
00295 - 139	<u>Frontplattenring</u> front plate ring	 <u>00295-139</u>
00257 - 7	<u>Iriszeigerring</u> diaphr. index ring	 <u>00257-7</u>
00295 - 8a	<u>Trisscheibe</u> diaphragm disk	 <u>00295-8a</u>
00310 - 10	<u>Irisdeckscheibe</u> diaphr.covering disk	 <u>00310-10</u>
00322 - 111	<u>Kontakthebel 1</u> contact lever 1	 <u>00322-111</u>
00295 - 116	<u>Sektor 5 Stück</u> shutter blade 5 pcs.	 <u>00295-116</u>
00295 - 117	<u>Sektorenscheibe 4 Stück</u> shutter blade disk 4 pcs.	 <u>00295-117</u>
00257 - 117	<u>Sektorenscheibe 1 Stück</u> shutter blade disk 1 pcs.	 <u>00257-117</u>
00345 - 156	<u>Sicherungshebel</u> locking lever	 <u>00345-156</u>
00345 - 433	<u>Spannarm 1</u> cocking arm 1	 <u>00345-433</u>
00345 - 119	<u>Zeithebel</u> time lever	 <u>00345-119</u>

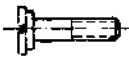
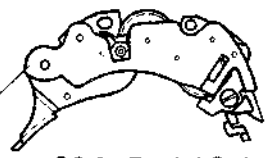
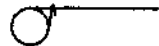
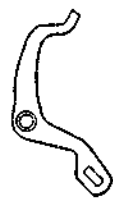
Teil Nr.:	Teilbenennung:	Teil:
00345 - G20	<u>Hemmwerk</u> slow speed assembly	  00345 - G20 00345 - G49 wird nur als Ganzes abgegeben only complete assembly can be supplied
00345 - G49	<u>Vorlaufwerk</u> delayed action assembly	
00345 - 107	<u>Auslöshebelschraube</u> release lever screw	 00345-107
00345 - 123	<u>Auslösrohr</u> cable release socket	
00345 - 124	<u>Auslösstift</u> cable release socket pin	 00345-123
00257 - 125	<u>Auslösrohrschr. 2 Stück</u> cable release socket screw 2pcs.	
00345 - 443	<u>Befestigungsschr. f. Vfw. lang</u> fixing screw for assembly long	 00345-124
00257 - 157	<u>Befestigungsschr. f. Vfw. kurz</u> fixing screw for assembly short	
00257 - 135	<u>Einstellbogenschr. 2 Stück</u> index plate screw 2pcs.	 00257-125
0257 - 146	<u>Fingerhebelschr.</u> trigger release screw	
00257 - 9	<u>Trisschraube 2 Stück</u> diaphr. screw 2 pcs.	 00345 - 443
00257 - 135	<u>Trisdeckscheibenschr. 2 St.</u> diaphr. disk screw 2pcs.	
00280 - 112	<u>Kontakthebelbüchse</u> contact lever bushing	 00257-157
00257 - 113	<u>Kontakthebelschr.</u> contact lever screw	
00257 - 127	<u>Ringfederanschlagschr.</u> ring spring stop screw	 00257-135
00280 - 128	<u>Ringfederschraube</u> ring spring screw	
00257 - 118	<u>Sektorenschraube 5 Stück</u> shutter blade screw 5pcs.	 0257-146
0257 - 146	<u>Spannhebelachsenschr.</u> cocking lever screw	
00345 - 435	<u>Spannarmschr.</u> cocking arm screw	 00280-138
00280 - 138	<u>Werkbefestigungsschr. kurz</u> fixing screw for assembly short	
00280 - 136	<u>Werkbefestigungsschr. lang</u> fixing screw for assembly long	 00257-142
00257 - 142	<u>Werkteilschr. 3 Stück</u> base plate screw 3pcs.	

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Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00345 - G20.1	<u>Hemmwerk</u> an Stelle v. 00345 - G20	 <u>00345 - G20.1</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
		slow speed assembly inst. of 00345 - G20	
2	00257 - 125	<u>Befestigungsschr. f. Vfw. kurz</u> an Stelle v. 00257 - 157	 <u>00257-125</u>
		fixing screw for assembly short inst. of 00257 - 157	
3	00345 - 436	<u>Zwischenplatte</u> nach Bedarf	 <u>00345-436</u>
		intermediate plate according to requirement	
4	00345 - 434	<u>Spannarmscheibe</u>	 <u>00345-434</u>
		cocking arm washer	
5	00345 - G49.1	<u>Vorlaufwerk</u> an Stelle v. 00345 - G49	 <u>00345 - G49.1</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
		delayed action assembly inst. of 00345 - G49	
6	00345 - U437.2	<u>Spannarm 2</u> an Stelle v. 00345 - U437	 <u>00345 - U437.2</u>
		cocking arm 2 inst. of 00345 - U437	
7	00345 - 429	<u>Spannarmhalteschr.</u>	 <u>00345 - 429</u>
		cocking arm holding screw	
8	00295 - 129	<u>Antriebringfeder</u> an Stelle v. 00257 - 129	 <u>00295-129</u>
		drive ring spring inst. of 00257 - 129	
9	00257 - 157	<u>Befestigungsschr. f. Vfw. kurz</u> an Stelle v. 00257 - 125	 <u>00314 - 116</u>
		fixing screw for assembly short inst. of 00257 - 125	
10	00314 - 116	<u>Sektor 5 Stück</u> an Stelle v. 00295 - 116	
		shutter blade 5 pcs. inst. of 00295 - 116	

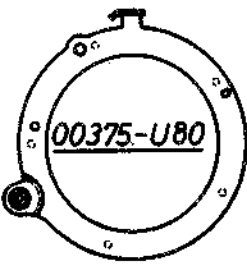
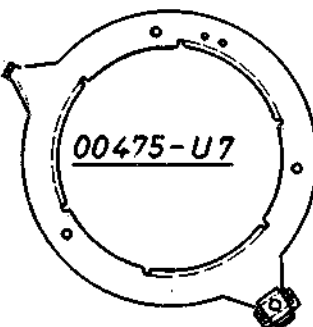
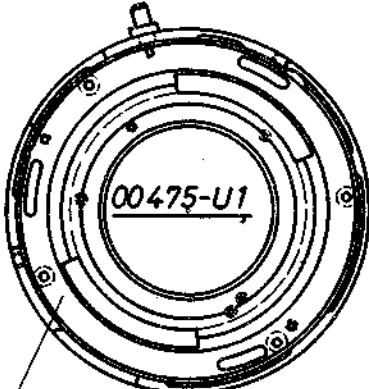
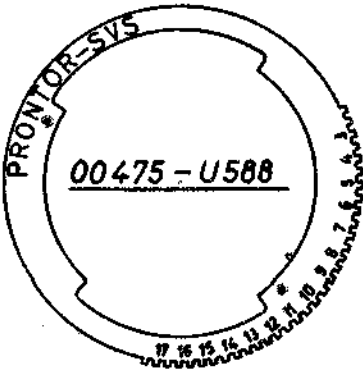
Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
5086	1	30.4.57	5591	5,6,7	30.4.57			
5091	2	" " "	5651	8	" " "			
5424	3	" " "	5730	9	" " "			
5575	4	" " "	5954	10	" " "			

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00375 - 443	<u>Befestigungsschrf.Vlfw.lg.</u> an Stelle v. 00345-443 fixing screw for assembly long inst. of 00345-443	 <u>00375-443</u>
2	00345 - G20.2	<u>Hemmwerk</u> an Stelle v. 00345-G20.1 slow speed assembly inst. of 00345-G20.1	 <u>00345-G20.2</u> wird nur als Ganzes abgegeben only complete assembly can be supplied
3	00375 - 119	<u>Zeithebel</u> an Stelle v. 00345-119 time lever inst. of 00345-119	 <u>00375-119</u>
4	00375 - 132	<u>Treibfeder</u> an Stelle v. 00295-132 drive spring inst. of 00295-132	 <u>00375-132</u>
5	00375 - 119.1	<u>Zeithebel</u> an Stelle v. 00375-119 time lever inst. of 00375-119	 <u>00375-119.1</u>
6	00375 - 433	<u>Spannarm 1</u> an Stelle v. 00345-433 cocking arm 1 inst. of 00345-433	 <u>00375-433</u>
7	00345 - G20.1	<u>Hemmwerk</u> an Stelle v. 00345-G20.2 slow speed assembly inst. of 00345-G20.2	 <u>00475-111</u>
8	00475 - 111	<u>Kontakthebel</u> an Stelle v. 00322-111 contact lever inst. of 00322-111	
9			
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6090	1	30.4.57	6540	5	30.4.57			
6161	2	" "	6856	6	" "			
6232	3	" "	7604	7	2.5.57			
6351	4	" "	9383	8	24.8.59			

Teil Nr.:	Teilbenennung:	Teil:	Anz. der Änd. Bl.: 1,2,3
00375-U80	Antriebring Drive Ring		
00345-U85.2	Fingerhebel Trigger Release		<u>00345-U85.2</u>
00475-U143	Frontplatte Front Plate		
00375-U5	Irislamelle 5 Stück Diaphragm Blade, 5 pcs.		
00475-U7	Iriszeigerring Diaphragm Index Ring		<u>00475-U7</u> (ohne Skizze) (without sketch)
00475-U1	Kapsel Housing		<u>00475-U1</u> <u>wird nicht abgegeben</u> Cannot be supplied
K16-U2	Kontakt Contact		<u>K16-U2</u>
00295-U173.1	Kontaktplatte Contact Plate		<u>00295-U173.1</u>
00310-U226.1	Kontakthebel 2 Contact Lever 2		<u>00310-U226.1</u>
00475-U588	Lichtwertring Exposure Value Ring		<u>00475-U588</u>
00375-U543	Rastenhebel Notched Lever		<u>00375-U543</u>
00345-U96	Spannhebel Cocking Lever		<u>00345-U96</u>
00345-U437.2	Spannorm 2 Cocking Arm 2		<u>00345-U437.2</u>

Gefertigt: 23.1.57 le.

[illegible]

Teil Nr.:	Teilbenennung:	Teil:
00314-116	Sektor 5 Stück	
	Shutter Blade, 5 pcs.	
00295-117	Sektorenscheibe 4 Stück	
	Shutter Blade Washer, 4 pcs.	
00257-117	Sektorenscheibe 1 Stück	
	Shutter Blade Washer, 1 pc.	
00375-433	Spannarm 1	
	Cooking Arm 1	
00345-434	Spannarmscheibe	
	Cooking Arm Disc	
00345-156	Sicherungshebel	
	Locking Lever	
00375-119	Zeithebel	
	Time Lever	
00475-G20	Hemmwerk	
	Slow Speed Assembly	
00375-G49	Vorlaufwerk	
	Delayed Action Device	
00345-107	Auslöshebelschr.	
	Release Lever Screw	
00345-123	Auslösrohr	
	Cable Release Socket	
00345-124	Auslösstift	
	Cable Release Socket Pin	
00257-125	Auslösrohrschr. 2 Stück	
	Cable Rel. Socket Screw, 2	
00375-443	Bef.Schraube f. Vlfw. lang pcs.	
	Fixing Screw for D.A., long	
00257-157	Bef.Schraube f. Vlfw. kurz	
	Fixing Screw for D.A., short	
00280-138	Bef.Schraube f. HW kurz	
	Fixing Screw for Slow Speed Assembly, short	
00280-136	Bef.Schraube f. HW lang	
	Fixing Screw for Slow Speed Assembly, long	
00257-135	Einstellbogenschr. 2 Stück	
	Index Plate Screw, 2 pcs.	
0257-146	Fingerhebelschr.	
	Trigger Release Screw	
00335-272	Haltefederschr.	
	Supporting Spring Screw	
00355-11	Irisdeckscheibenschr. 2 Stück	
	Diaphr.Cov. Disc Screw, 2 pcs.	
00475-575	Iriszeigerringschr. 3 Stück	
	Diaphr.Index Ring Screw, 3 pcs.	



00314-116



00295-117



00257-117



00375-433



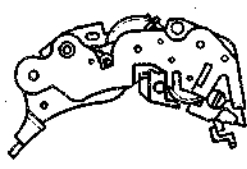
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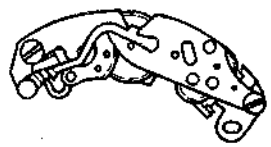
00345-156



00375-119



00475-G20



00375-G49

wird nur als Ganzes abgegeben

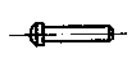
Only complete assembly can be supplied



00345-107



00345-123



00345-124



00257-125



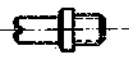
00375-443



00257-157



00280-138



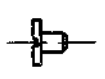
00280-136



00257-135



0257-146



00335-272



00355-11



00475-575

Gejertigt: 23.1.57 je.

[illegible]

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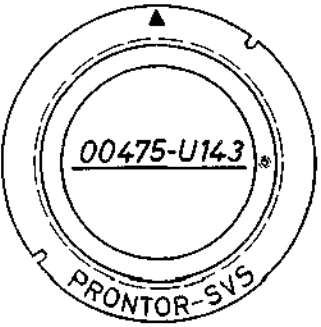
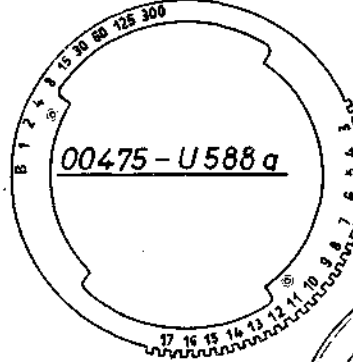
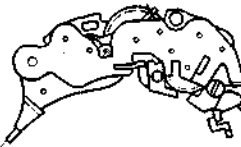
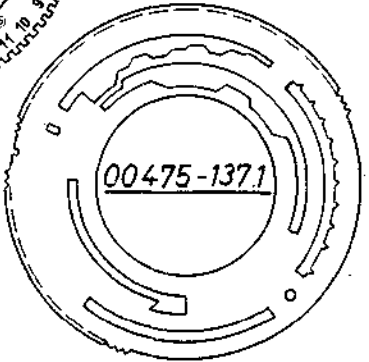
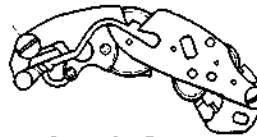
Mod. 00475

Geänderte
Teile
Changed parts

Liste besteht aus Blatt 1,2,3...

Blatt Nr. 1 Gepr.

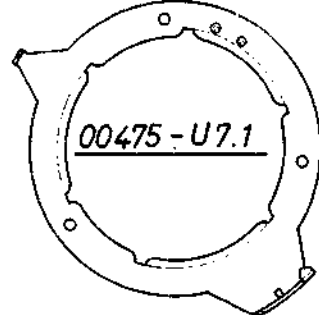
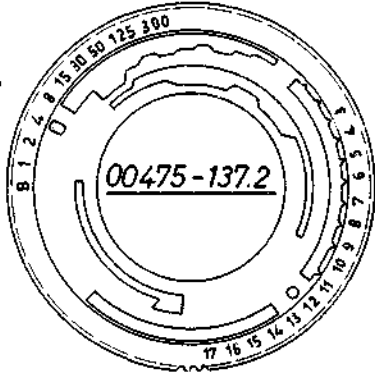
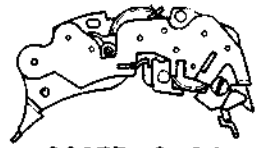
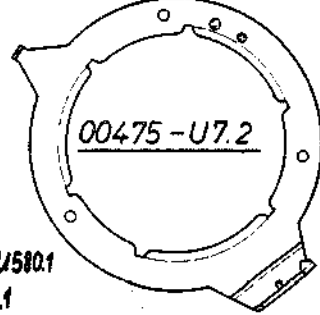
Gefertigt: 23.1.57

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00375-119.1	<u>Zeithebel</u> an Stelle v. 00375-119	
	inst.	Time Lever of 00375 - 119	
2	00345h7-U96	<u>Spannhebel</u> an Stelle von 00345-U96	
	inst.	Cocking Lever of 00345 - U96	<u>00375-119.1</u> <u>00345h7-U96</u>
3	00475-U96	<u>Spannhebel</u> an Stelle v. 00345h7-U96	
	inst.	Cocking Lever of 00345h7 - U96	
4	00475-U143	<u>Frontplate</u>	
		front plate	<u>00475-U96</u>
5	00475-U588a	<u>Lichtwerttring</u> an Stelle v. 00475-U588	
	exposure value ring	inst of. 00475 - U 588	
6	00475-G20.1	<u>Hemmwerk</u> an Stelle v. 00475-G20	
	slow speed assembly	inst of. 00475 - G20	
7	00475-137.1	<u>Einstellring</u> an Stelle v. 00475-137	
	setting ring	inst of. 00475-137	
8	00475-U85	<u>Fingerhebel</u> an Stelle v. 00345-U85.2	
	trigger release	inst of. 00345-U85.2	
9	00475-G49	<u>Vorlaufwerk</u> an Stelle v. 00375-G49	
	delayed action device	inst. of 00375-G49	
10			

wird nur als Ganzes abgegeben
only complete assembly can be supplied

Änderungszustand d'eses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6540	1	23.1.57	7588	6.7	11.7.57			
6564	2	" " "	7662	8	" " "			
6609	3	" " "	8484	9	26.3.58			
6794	4,5	11.7.57						

Lfd. Nr.	Teil Nr.:	Teilbenennung:	Teil:					
1		<u>Änderung Nr. 8594</u> <u>Change Nr. 8594</u>						
2	00475 - U7.1	<u>Jriszeigerring</u> an Stelle v. 00475 - U7						
		diaphragm pointer ring inst. of 00475 - U7						
3	00475 - U580.1	<u>Kupplungshebel</u>						
		coupling lever						
4	00475a7 - U15	<u>Werkteil (ohne Skizze)</u> wird nicht abgegeben an Stelle v. 00475 - U15	<u>00475-U580.1</u>					
		base plate (with. sketsch) cannot be supplied inst. of 00475 - U15						
5	00475 - 137.2	<u>Einstellring</u> an Stelle v. 00475-137.1; 00475-U580a						
		speed setting ring inst. of 00475-137.1; 00475-U580a						
6	00475 - 583.1	<u>Kupplungsfeder</u>						
		coupling spring	<u>00475-583.1</u>					
7	00375 - G20.1	<u>Herrnwerk</u> an Stelle v. 00475 - G20.1						
		slow speed assembly inst. of 00475 - G20.1	<u>00375-G20.1</u>					
8		<u>Änderung Nr. 8636</u> <u>Change Nr. 8636</u>	<u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>					
9	00475 - U7.2	<u>Jriszeigerring</u> an Stelle v. 00475 - U7.1						
		diaphragm pointer ring inst. of 00475 - U7.1	<u>00475-U580.2</u>					
10	00475 - U580.2	<u>Kupplungshebel</u> ; an Stelle v. 00475-U580.1						
		coupling lever; inst. of 00475-U580.1	<u>00475-583.2</u>					
	00475 - 583.2	<u>Kupplungsfeder</u> ; an Stelle v. 00475-583.1						
		coupling lever; inst. of 00475-583.1						
Änderungszustand dieses Blattes								
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8594	2, 3, 4, 5, 6, 7	27. 5. 58						
8636	8, 10	" " "						

Alfred Gauthier G.m.b.H.
Calmbach a. d. Enz

Mod. 00475

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 3

Gepr.

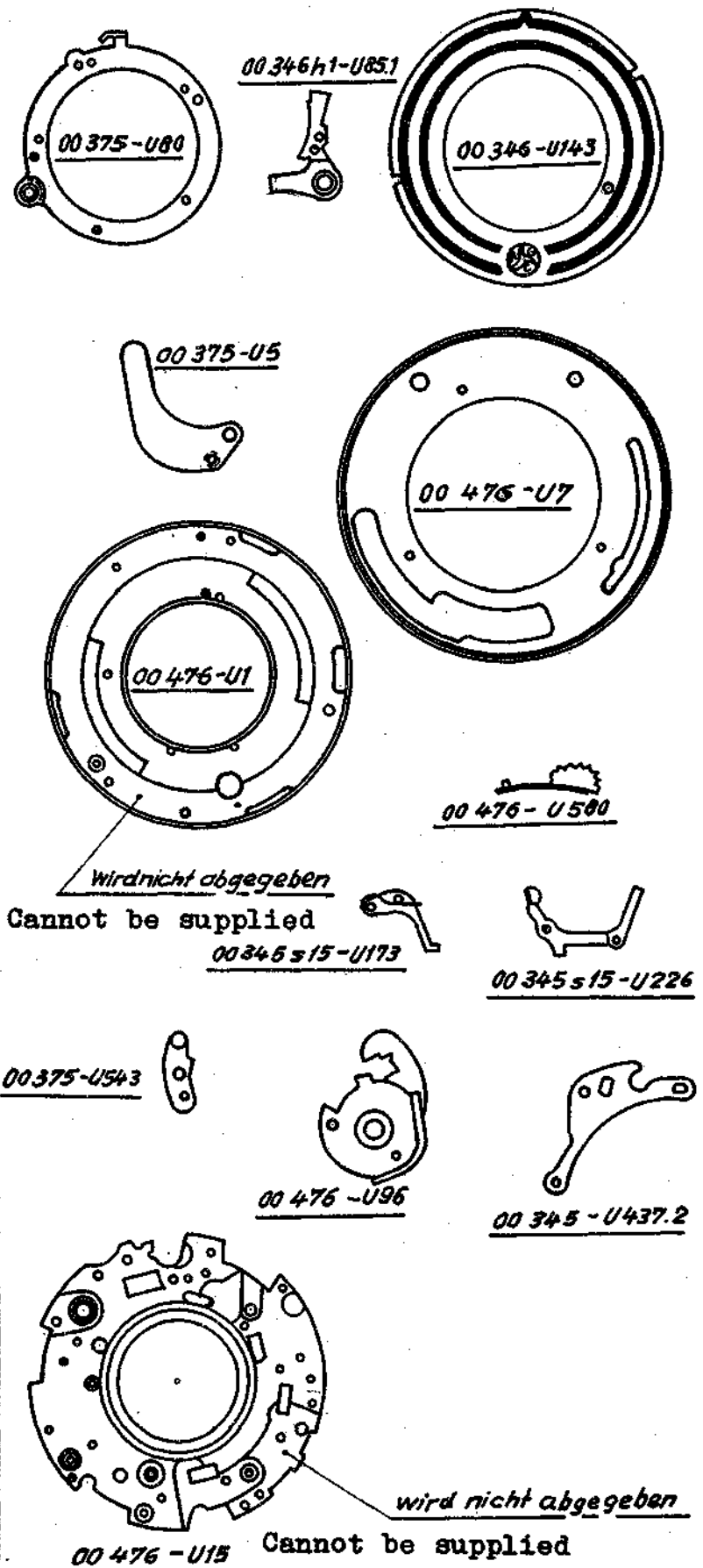
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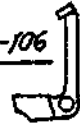
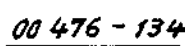
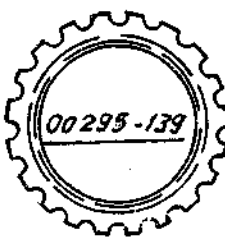
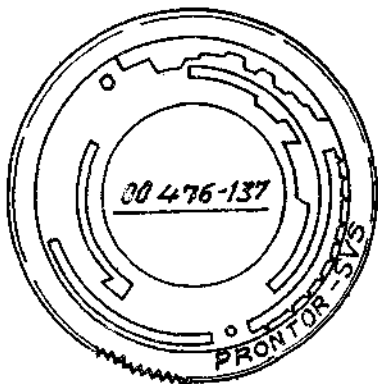
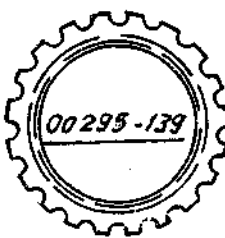
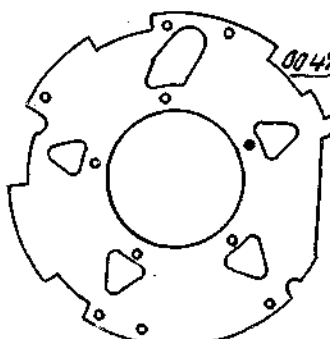
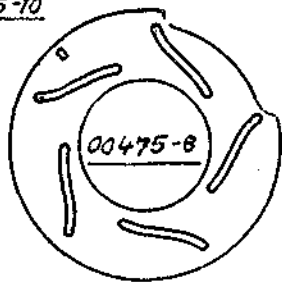
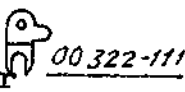
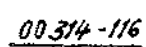
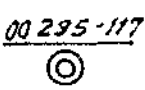
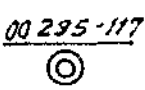
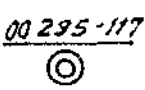
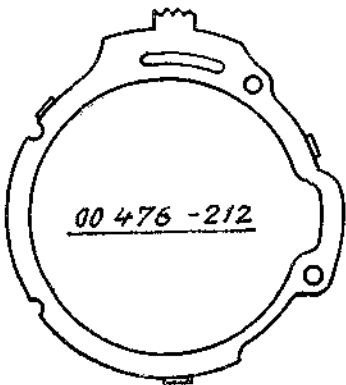
4.2.60

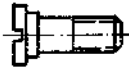
Lfd.Nr.	Teil Nr.	Teilbenennung:	Teil:
1		<u>Änderung Nr. 9383</u> Change Nr. 9383	
2	475 - 111	Kontakthebel an Stelle v. 322 - 111	
		contact lever inst. of 322 - 111	<u>X475-U226</u>
3		<u>Änderung Nr. 129</u> Change Nr. 129	
4	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375 - 443	
		fixing screw for delayed action device long inst. of 375 - 443	<u>475-111</u>
5		<u>Änderung Nr. 175</u> Change Nr. 175	
6	X475 - U226	Kontakthebel an Stelle v. 310 - U226.1	
		contact lever inst. of 310 - U226.1	<u>491-443</u>
7		<u>Änderung Nr. 319</u> Change Nr. 319	
8	476 - U5	Trislarnelle an Stelle v. 491 - U5	
		diaphragm blade inst. of 491 - U5	<u>476 - U5</u>
9		<u>Änderung Nr. 475</u> Change Nr. 475	
10	555 - 119.1	Zeithebel an Stelle v. 375 - 119.1	
		B-lever inst. of 375 - 119.1	<u>555-119.1</u>

Änderungszustand dieses Blattes

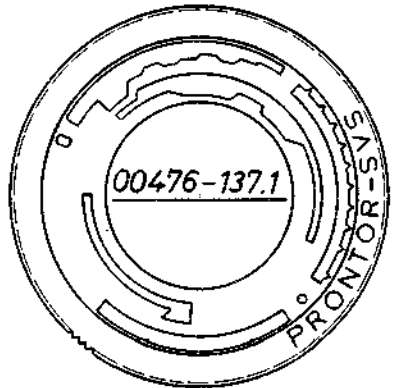
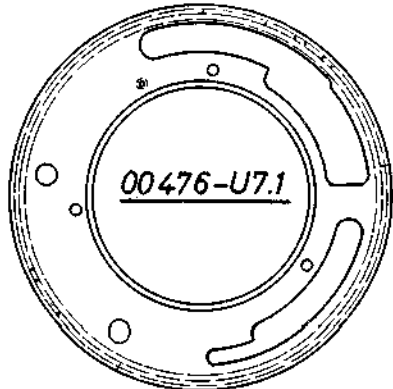
Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
9383	2	4.2.60	475	10	4.2.60			
129	4							
175	6							
319	8							



Teil Nr.:	Teilbenennung:	Teil:
00257-141	Anschraubring	
	Flange	
00376-106	Auslöshebel	
	Release Lever	
00476-134	Blendenbogen	
	Diaphragm Band	
15 DIN 6799	Benzing-Sicherung	
	Benzing Fuse	
00476-137	Einstellring	
	Speed Setting Ring	
00295-139	Frontplattenring	
	Front Plate Ring	
00475-10	Irisdeckscheibe	
	Diaphragm Covering Disc	
00475-8	Trisscheibe	
	Diaphragm Disc	
00322-111	Kontakthebel	
	Contact Lever	
KS 8 DIN 1475	Knebelkerbstift 1x6	
	Notched Pin 1x6	
00314-116	5 Sektor	
	5 Shutter Blades	
00295-117	4 Sektorenscheibe	
	4 Shutter Blade Washers	
00257-117	Sektorenscheibe	
	Shutter Blade Washer	
00375-433	Spannarm I	
	Cocking Arm I	
00345-434	Spannarmscheibe	
	Cocking Arm Disc	
00476-212	Umstellring	
	Synchro Switch Ring	
00375-119.1	Zeithebel	
	Time Lever	
00309-255	Zeithebelunterlag-scheibe	
	Time Lever Washer	
00476-534	Zeitenbogen(wird bezogen)	
	Time Band (to be ordered)	

Teil Nr.:	Teilbenennung:	Teil:
00381-G20	Herrnwerk	wird nur als Ganzes abgegeben Only complete assembly can be supplied   <u>00 381 - G20</u> <u>00 375 - G49</u>
	Slow Speed Assembly	
00375-G49	Vorlaufwerk	
	Delayed Action Device	
00346-107	Auslöshebelschraube	    <u>00346-107</u> <u>00375-443</u> <u>00257-157</u> <u>00 280 -136</u>
	Release Lever Screw	
00375-443	Befestigungsschr. für Vlfw. lang	
	Fixing Screw for D.A., long	
00257-157	Befestigungsschr. für Vlfw kurz	    <u>00280-138</u> <u>00476-135</u> <u>0257-146</u> <u>00335-272</u>
	Fixing Screw for D.A., short	
00280-136	Befestigungsschr. für HW lang	
	Fixing Screw for Slow Speed Ass. long	
00280-138	Befestigungsschr. für HW kurz	    <u>00355-11</u> <u>00475-575</u> <u>00 280 -112</u> <u>00 257 -113</u>
	Fix. Screw for Sl.Sp.Ass., short	
00476-135	2 Blendenbogensch.	
	2 Diaphragm Band Screws	
0257-146	Fingerhebelschr.	    <u>00 476 -135</u> <u>00 295g-127</u> <u>00280-128</u> <u>00 375 -118</u>
	Trigger Release Screw	
00335-272	Haltefederschr.	
	Holding Spring Screw	
00355-11	Trisdeckscheibensch.	 
	Diaphragm Covering Disc 25%	
00475-575	3 Triszeigerringschr.	
	3 Diaphragm Index Ring Screws	
00280-112	Kontakthebelsbüchse	<u>00 381 -435</u> <u>241-107</u>
	Contact Lever Bushing	
00257-113	Kontakthebelschr.	
	Contact Lever Screw	
00476-135	Kupplungsfederschr.	<u>00 381 -435</u> <u>241-107</u>
	Coupling Spring Screw	
00295g-127	Ringfederanschlagschr.	
	Ring Spring Stop Screw	
00280-128	Ringfederschraube	<u>00 381 -435</u> <u>241-107</u>
	Ring Spring Screw	
00375-118	5 Sektorenschraube	
	5 Shutter Blade Screws	
00381-435	Spannarmschraube	<u>00 381 -435</u> <u>241-107</u>
	Cocking Arm Screw	
241-107	Werkteilschraube	
	Base Plate Screw	

[illegible]

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1	00375 - 119.1	<u>Zeithebel</u> an Stelle v. 00375 - 119 time lever inst. of 00375 - 119	 <u>00375 - 119.1</u>
2	1.7 DIN 6799	<u>Benzing-Sicherung (ohne Skizze)</u> an Stelle v. 1.5 DIN 6799 benzing fuse (with. sketsch) inst. of 1.5 DIN 6799	 <u>00381-106</u>
3	1x5.8 KS8 DIN1475	<u>Knebelkerbstift (ohne Skizze)</u> an Stelle v. 1x6 KS8 DIN1475 notched pin (with. sketsch) inst. of 1x6 KS8 DIN 1475	
4	00381 - 106	<u>Auslöshebel</u> an Stelle v. 00376 - 106 release lever inst. of 00376 - 106	 <u>00476 - G20</u>
5	00476 - 137.1	<u>Einstellring</u> an Stelle v. 00476 - 137 speed setting ring inst. of 00476 - 137	wird nur als Ganzes abgegeben only complete assembly can be supplied
6	00476 - G20	<u>Hemmwerk</u> an Stelle v. 00381-G20 escapement mechan. inst. of 00381 - G20	
7	00346 - U85.1	<u>Fingerhebel</u> an Stelle v. 00346h1-U85.1 trigger release inst. of 00346h1-U85.1	 <u>00346-U85.1</u>
8	00476 - 583.1	<u>Kupplungsfeder</u> an Stelle v. 00476 - 583 coupling spring inst. of 00476 - 583	
9	00476 - U7.1	<u>Triszeigerring</u> an Stelle v. 00476 - U7 diaphragm pointer ring inst. of 00476 - U7	 <u>00476-583.1</u>
10			

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
6540	1	1.7.57	7588	5,6	1.7.57			
6714	2	" " "	7780	7	11.7.57			
7010	3	" " "	7956	8	28.1.58			
7019	4	" " "	8188	9	" " "			

Alfred Gauthier G. m. b. H.
Calmbach a. d. Enz

Mod. 00 476

Geänderte
Teile
Changed parts

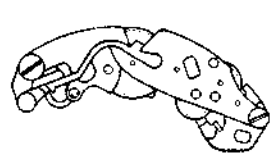
Liste besteht aus Blatt

Blatt Nr. 2

Gepr.

Gefertigt:

28.1.58

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Änderung Nr. 8227</u> <u>Change Nr. 8227</u>	
2	00496 - U583	<u>Kupplungsfeder</u> an Stelle v. 00476-U580 u. 00476-583.1 coupling spring inst. of 00476-U580 and 00476-583.1	 <u>00496-U583</u>
3	00410 - 579	<u>Griffstückhülle</u> actuation handle sleeve	 <u>00410-579</u>
4	00476 - 135	<u>Kupplungsfedersch. 2 Stck.</u> an Stelle v. 1 Stück coupling spring screw 2 pcs. inst. of 1 pcs.	 <u>00476-135</u>
5		<u>Änderung Nr. 8484</u> <u>Change Nr. 8484</u>	
6	00475 - G49	<u>Vorlaufwerk</u> an Stelle v. 00375-G49 delayed action device inst. of 00375-G49	 <u>00475-G49</u> <u>wird nur als Ganzes abgegeben</u> <u>only complete assembly can be supplied</u>
7		<u>Änderung Nr. 8497</u> <u>Change Nr. 8497</u>	
8	00496 - U583.1	<u>Kupplungsfeder</u> an Stelle v. 00496-U583 coupling spring inst. of 00496-U583	 <u>00496-U583.1</u>
9		<u>Änderung Nr. 8554</u> <u>Change Nr. 8554</u>	
10	00476 - 587	<u>Kupplungsfedersch.</u> an Stelle v. 00476-135 coupling spring screw inst. of 00476-135	 <u>00476-587</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8227	2, 3, 4	28.1.58						
8484	6	26.3.58						
8497	8	21.8.59						
8554	10	R H H						

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Mod. 00476

Geänderte
Teile
Changed parts

Liste besteht aus Blatt

Blatt Nr. 3 Gepr.

Gefertigt: 21.8.59

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 8756</u> <u>Change Nr. 8756</u>	
2	00491- U5	<u>Trislarvelle</u> an Stelle v. 00375-U5 diaphragm blade inst. of 00375-U5	 <u>00491-U5</u>
3		<u>Anderung Nr. 8886</u> <u>Change Nr. 8886</u>	
4	00476- 135	<u>Kupplungsfederschr.</u> an Stelle v. 00476- 587 coupling spring screw inst. of 00476- 587	 <u>00476-135</u>
5		<u>Anderung Nr. 8993</u> <u>Change Nr. 8993</u>	
6	00346 - 465	<u>Unterlegscheibe</u> washer	 <u>00346-465</u>
7		<u>Anderung Nr. 9383</u> <u>Change Nr. 9383</u>	
8	00475 - 111	<u>Kontakthebel</u> an Stelle v. 00322-111 contact lever inst. of 00322-111	 <u>00475-111</u>
9		<u>Anderung Nr. 9618</u> <u>Change Nr. 9618</u>	
10	00476- U96.1	<u>Spannhebel</u> an Stelle v. 00476-U96 cocking lever inst. of 00476-U96	 <u>00476-U96.1</u>

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
8756	2	21.8.59	9618	10	21.8.59			
8886	4	" " "						
8993	6	" " "						
9383	8	" " "						

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Calmbach a. d. Enz

Mod. 00476

Geänderte
Teile
Changed parts

Liste besteht aus Blatt
Blatt Nr. 4 Gepr.
Gefertigt: 22.9.60 fe.

Lfd.Nr.	Teil Nr.:	Teilbenennung:	Teil:
1		<u>Anderung Nr. 129</u> Change Nr. 129	
2	491 - 443	Bef. Schr. f. Vlfw. lang an Stelle v. 375-443 fixing screw for delayed action device long inst. of 375-443	 <u>491-443</u>
			 <u>X476-U226</u>
3		<u>Anderung Nr. 175</u> Change Nr. 175	
4	X476 - U226	Kontakthebel an Stelle v. 345s15-U226 contact lever inst. of 345s15-U226	 <u>476 - U5</u>
5		<u>Anderung Nr. 319</u> Change Nr. 319	
6	476 - U5	Trislamelle an Stelle v. 491-U5 diaphragm blade inst. of 491-U5	 <u>555-119.1</u>
7		<u>Anderung Nr. 475</u> Change Nr. 475	
8	555 - 119.1	Zeithebel an Stelle v. 375-119.1 B-lever inst. of 375-119.1	 <u>476 - 212.1</u>
9		<u>Anderung Nr. 511</u> Change Nr. 511	
10	476 - 212.1	Umsstellring an Stelle v. 476-212 synchro switch ring inst. of 476-212	

Änderungszustand dieses Blattes

Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name	Änd. Nr.	Lfd. Nr.	Tag u. Name
129	2	22.9.60	511	10	16.3.61			
75	4							
319	6							
475	8							