A SUPPLEMENT TO THE PENTAX 6X7 SERVICE MANUAL

This is to supplement the Pentax 6x7 service manual in accordance with recent improvements in the Pentax 6x7 camera. With the improvements, some modifications of the parts and oils used have been made. At the same time temporarily used oil codes (G4, L5) are formally disignated.
In the attached illustrations parts are alphabetically grouped in principle, those heavy-lined being modified.

NOTE FOR PARTS LIST

Parts No. starting with "0-" (or "1-" "2-" etc.) stands for riveted assembly, however, it also stand for assembled unit if the base part is single (without any riveted parts).

Parts No. starting with "A0-" (or "A1-" "A2-" etc.) stands for assembled unit in which the base part itself is a riveted assembly. This code is recently established to replace former code "0'-".

OIL CODES

Modified codes are as follows:

G4 ——→ G-7b
L5 ——→ G-10

Codes for recently introduced oils

G-9b	(Majorly used in Take up system)
L-6	(Solely used in Curtain bounce provention system)
G-4dk	(Used in Mirror Housing)

IMPROVEMENTS OF THE CAMERA

This chapter gives an explanation on the improvement. These are described item by item as follows:

Addition of recovery button Plasticized covers
Improved battry case Improved frame No. control dial
Addition of counter transport button Further stability of spool retaining Further improvement on anti-reflection and light leakage protection Improved mirror sheet
Bounce prevention system Shutter curtains
Partially modified electronic circuit, etc.

1 Recovery Button

To facilitate recovery operation after the safety device has come into operation; one frame of the film must be wasted. Former recovery procedure may also be applied to aboid wasting the film.
Pushing in of the button unlocks the safety device, enabling the shutter curtain to travel to fully traveled position. The button and its concomitant parts are incorporated in Front Cover Right (0-A96-1).
An enagaging-pin to the recovery unit is added in the 2nd Curtain Actuator (0-D72-1).

2 Plastic Covers

Bottom Cover, Side Covers and Top Cover Center are plasticized (Polycarbonate), with employment of 6 self-tapping screws (T-CSS 1.7x4.5). These screws fix Side Covers from the viewfinder end of the mirror housing wall providing replace ability of the Side Covers independent of Top Covers if the top covers are pulled outward.
In Bottom Cover and Top Cover Center, their interchangeability remains with the same parts No.

New	Bottom Cover	⟶	Washer (B86) discontinued
New	Top Cover Center	⟶	Collar (A86) discontinued
			2 self-tapping screws added

The plasticized Side Covers can be used only with new Mirror Housing (B01-1). Avoid excessive torque onto the self-tapping screws.

3 Battery Case

To ensure positive conduction between the battery and the camera. Modifications are on battery installing manner and the contact plates; Free in battery installing direction, but when mounting the case, a coincidence of the battery polarity and polarity mark in the battery chamber must be secured (Color matching also).
It is possible to disassemble the case without any interruption of the coverings, and each part can be supplied as a single.
This improved case is exclusively used for the new Mirror Housing B01-1, however, some will be found in old mirror housings which are additionally machined as a temporal version.

4 Frame No. Control Dial

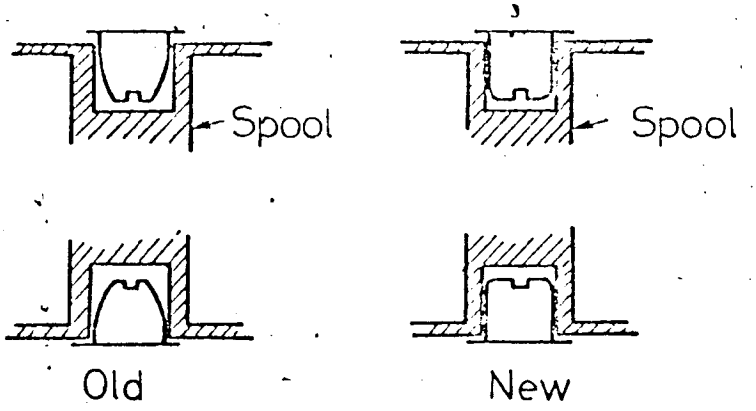
To ensure positive setting of the dial. Parts No. of Top Cover Right is changed from 0-A07 to 1-A07 in accordance with the modification on Trim Ring (C109).
No interchangeability between the old and new Frame No. Control Dial and Switching Cam.

5 Counter Transport Button

To advance Exposure Counter directly, eliminating operation to the counter roller. The shutter comes into "operational" by closing the back cover or placing a coin plate into position, after the dial has turned beyond No. 1 marking by mean of the button.
Never turn the button if the dial stops off the starting position or if the back cover is closed, regardless of whether the camera is loaded or unloaded.
Old and new Exposure Counter Dial are the same except for a provision of 8 engaging hollows in the new.

6 Spool Retainers

To stabilize the spool retaining performance in both the feed and take up ends, as depicted below. New type center screws shall be used with new type claws which are minorly modified in size.
Interchangeability: Use same type of the spool retainer for the upper and lower in the feed and take up ends respectively. An intermixed use for the take up end may develop a faulty, loose wind up of the film.



7 Anti-reflection sheets, Light-Leakage Protection Sheets

To improve anti-reflection performance inside the mirror housing, Anti-Reflection Plate (D123) is recently employed to cover the back of Shutter Mecha. Plate, necessitating a partial modification of the Shutter Mecha. Plate. These are used in new Mirror Housing (with Plastic Covers, new type Battery Case) in principle.
Besides the above, anti-reflection and light-leakage protection sheets are used each with pressure-sensitive adhesive on one side. But D152 ~ D155 are incorporated in the mirror sheet assembly, A129 in the front covers.

8 Mirror Sheet Assembly

In the new version, all Mirror Sheet Arms (0-D134) are lock-washer retained, accompanying modification in Arm Rests and Mirror Sheet. Mirror Retainer Plates are modified to an elastic type fitted with cushions. Interchangeable against old and new Mirror Housing, if replaced in a unit including the two Arm Rests. This modification is independent of the

mirror Housing modification.

The Mirror Sheet Assembly comprises 0-D125, 0-D134 x4, 0-D138, D152, D153, D154 x2, D155 x5 and concomitant washers, lock washers.

9 Curtain Bounce Prevention System

To equalize damping intensity at each operation, friction springs are now employed instead of the ratchet for unilateral transmision with thickened friction plates.
Friction Plate C has holes as oil reservoir and provides nearly same charactristic as obtained in an oil damper with the help of new lubricant L-6.
To facilitate damper gear adjustment, the damper gears are grouped and colored in the reverse side of the dowel stud: red → a, black → b. "a" and "b" are different only in the relative location of the dowel stud and the corresponding gear tooth. Therefore, old damper gears can be used if selected and suffice the adjustment.
To accomodate Intermediate Lever Spring (E23-1) which is newly employed, Damper Arms (0-E09, 0-E10) are changed in shape, involving parts-No. modification (0-E09 → 1-E09, 0-E10 → 1-E10). Since the operational angle is different between old and new, these shall be used in proper conbination as (0-E09, 0-E10) or (1-E09, 1-E10). Interchangeability remains between the old and new system as a unit.

10 Shutter Curtains

To improve shutter performance, increased shutter curtain traveling distance, addition of a weight, strengthened curtain tensioner, change in the bearing construction from an independent type to a common shaft type are the items of modification. An end retainer is employed to the bottom of 2nd Pinion Shaft.

11 Electronic Circuit

Capacitor C2 is now between the emmiter of TR1 and ground to by-pass a-c signal in the initial stage to ensure the positive operation of the circuit. An oscillation of the circuit may affect the time-selecting control ranging 1/250 ~ 1/60sec. in which the exposure time remains almost the same regardless of the shutter speed dial set at from 1/250 to 1/60sec. In practice, this modification is a accomplished by:

(1) A touch up on the other side of the circuit board.
(2) Temporal C2 installation between the terminals of the potentiometer VR1 from this side of the circuit-board.

The former can be identifed by the white paint at the top.

12 Others

Mirror Actuator Disk

Mirror Coupler Cam (18) and Damper Collar (D49) are now incorporated into the Mirror Actuator Disk.

Curtain Protection Sheet

To protect curtain edgers from bumping against the body proper while traveling so that the edger may not be scratched

Coupler Ring Cover

With the modification of surface treatment, both the right and left can now be used in common.

TECHNICAL INFORMATION

Covers

Employment of the recovery unit may make it difficult to remove or to install the Front Cover Right (0-A96-1) separately.

Frame No. Control Dial

Be careful about its installing direction to ensure a proper engagement of the dial to the stopper.

De-coupling and coupling of the mirror housing to the body proper

On de-coupling or coupling, push in 2nd Curtain Actuator (0-D72-1) slightly when it passes through the narrowest section of the body proper. At the same time, be careful not to deform the actuator.

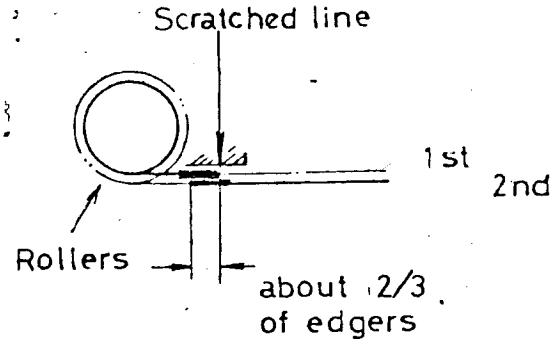
Shutter Curtain Bounce Prevention System

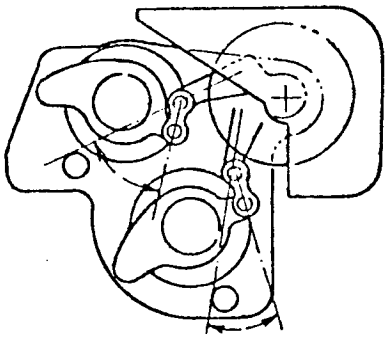
(1) Damper Gear Adjustment

When engaging the damper gears, the setting angles of the damper arms should be greater than that of the old type.

When the damper disk hits the stopper, the curtain positions should be:

1st Curtain	Near the scratched line. Over traveling may be allowable so long as the edger does not contact the rollers.
2nd Curtain	About 2/3 overlapping of the edgers.





Setting angles

(2) Bounce Prevention Adjustment

On the recent type with friction springs, Damper Disk (0-E21-1) do not stop contacting the stopper after the curtain traveling: a clearance of about 3 mm will remain even at optimum adjusting point, because of the backward movement of the spring.

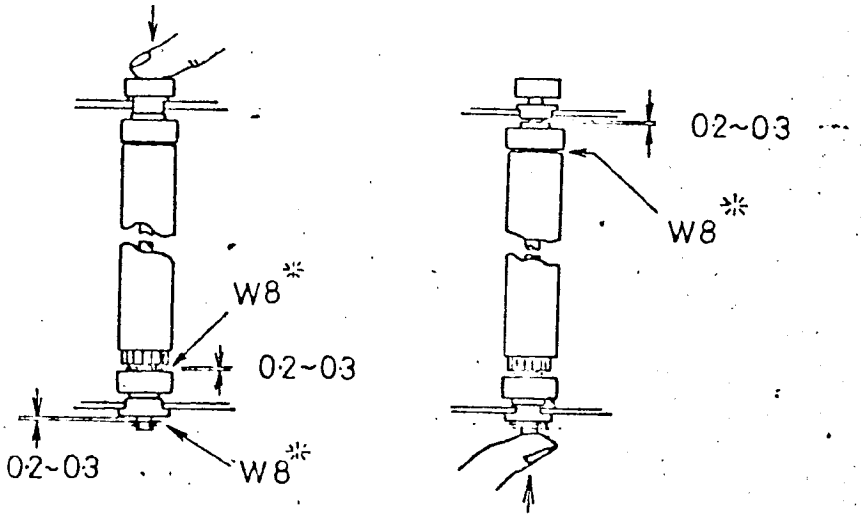
This adjustment can be settled by screwing in of the adjusting nut half-way, since the adjustment domain is now considerably larger than that of the old type.

Shutter Curtains

(1) Installation

A clearance adjustment is also necessary in 2nd Pinion Shaft in connection with the bearing type modification. The adjustment is as follows:

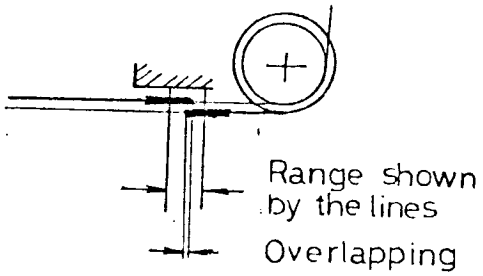
Use W8 (t=0.1, 0.2) in "*" marked position.



(2) Overlapping Of The Curtains

These are rated under the condition in which both 1st and 2nd selector gears are checked.

2nd Curtain	The edger, between the two scratched lines.
1st Curtain	Overlapping : 0 ± 0.1 mm



Magnet Core Adjustment

New method for the adjustment has been developed to eliminate use of thickness guage (234J-04112-A).

Press the actuator toward the core. Fix the core in the position where a clearance of 0.1 mm is obtained between the lever and cam.

PENTAX 6X7
NOTICE OF MODIFICATION Nov. 1970

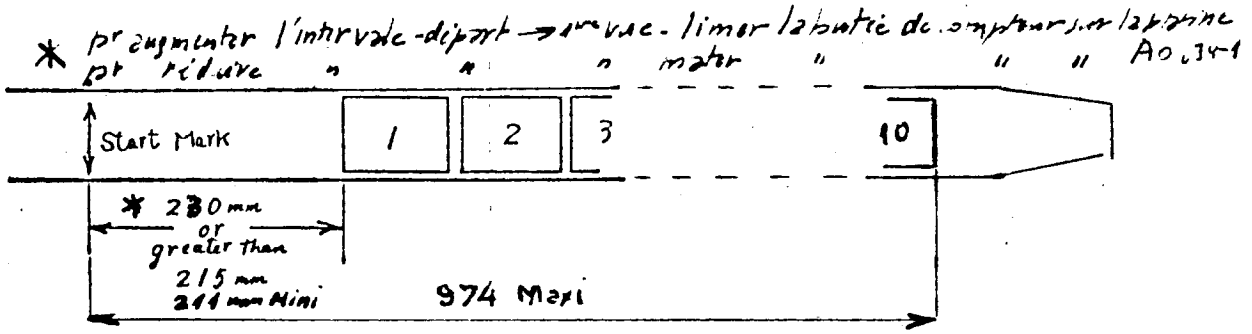
New parts to be assembled: a frame locating device (to countermeasure deviation of the first frame on the film) has been adopted and some other parts were modified in provision for further improvement.

ITEMS OF MODIFICATION

A) Frame Locating Device (See Fig. 3-1)

The device to determine the first frame location in a certain distance from start mark on the film, intending to prevent shortage of available picture's number which might happen in 120 film. Following the above, a shoulder screw (C135) to locate Wind Up Shaft (C34) and Roller Stop (C133) to regulate engagement of the warm gear and wheel were employed, accompanying partial modification in Auto Re-set Actuator (C16). Lever Shaft Nut (C127) has been left-handed in the thread and this type can be identified by a V-shaped groove around the Nut. In some cameras, however, this alone will be found prior to the seriese of the modifications, this lever shaft being coded as "A1-C34". The A1-C34 can be used as "A0-C34-1" if reamed to 2.1mm in a hole.

Adjustment: Select a Gear Block (0-C14) axiswise position on Spool Shaft (C30-1) so as to give correct distance of the first frame to the start mark: 220mm as optimum or greater than 215mm if 10 frames are secured on the film plane. (See details in other issue to be delivered shortly)



B) Mirror Deviation Suppressor (See Fig. 3-2)

The device to avoid likelihood of mirror angle deviation, which causes forcusing deviation, due to camera attitude differentials. Two Mirror Arm Springs(D124), spring hooks in Arm Rest (D126, D127), Mirror Seat (D125) were employed.

C) Improved Re-set Actuator (See Fig. 3-3)

This was inteneded to stabilize shutter curtain traveling especially when Re-set Actuator intercepts 2nd Selector Gear (E99). Modified Re-set Actuator (0-E87-1) should be used in combination with new 2nd Selector Gear (0-E99-1). The new gear (0-E99-1) can be identified in that its lower actuator dowel is non-coaxial to a riveting spot in the reversed side. Note: 1st Selector Gear remains the same in shape and function, despite the modified parts No. E94 discontinued, as D82 found compatible with E94.

D) Stabilization Of Film Take-Up (See Fig. 3-1)

A rubber-made Counter Roller (C61-3) and off-set pressure roller on the back cover have been employed. The counter roller designed to be driven through friction due to adhesion, pressure hitherto, can stabilize film condition for taking up.

E) Strengthened Friction Spring (See Fig. 3-8, 3-1)

The muximum wind-up torque of Friction Spring (C118) has been increased, thus improving its durability. Two types will be found: C118-1 and recent C118-2. These should be used in combination of "C46-1, C118-1, C48-2" or "C46-2, C118-2, C48-3". The former and latter can be identified in

2·1/2 wound spring and 3·3/4 wound — respectively, being interchangeable in combination.

F) Lowered Support Spring (See Fig. 3-2)

This was intended to eliminate likelihood of vignetting in the picture frame due to the protruded spring shaft, when tele-photo lenses are used. The new spring (C138-1) is 1-wound, 3·3/4-wound hitherto.

G) Provisions For Further Inner-Anti-Reflection, Light Seal (See Fig. 3-2)

Black dyed Roller (A47-1), Anti-reflection Sheet (D157) to prevent inner reflections and Light Seals (A139, B97, B99, B100, B101) have been added. Shortly, Mount Light Seal (B98) is to be employed in the new mirror housing with standard washers (W8) from 0. 03 to 0. 3mm thick instead of B05, to adjust the mechanical back.

H) Others

Wiring Holders to ease wiring operation
Modified "stay" due to plastisized bottom cover.
Shortened Key Spring, fully compressed height 8. 5→8. 0mm
(In accordance with back cover modification)
Partially modified Circuit Board

CM/hd

14 JANVIER 1977

INFORMATIONS TECHNIQUES N° 17

Le nouveau 6x7 - code 15 411 - présente trois nouveautés :

1°) : Escamotage du miroir en position haute à l'aide du poussoir latéral.

Ce mouvement est commandé par la pile de l'appareil. Pour cette raison, ne pas laisser le miroir en haut trop longtemps, car la pile débite et s'userait prématurément.

2°) : Le bouton 10-21 vues est remplacé par une indication 120-220 relative au film utilisé.

Attention, il n'est plus possible de faire 21 vues, mais 20 seulement.

3°) : A l'intérieur du boitier, en haut de la fenêtre de prise de vue, deux indications (120 en vert et 220 en jaune) avec flèches rouges, pour le repère de départ du papier bicolore.

TELOS S.A.

NOTICE OF MODIFICATION

No. 531 1/2

Date 29 May, 1978

Product No. 23401

Model PENTAX 6x7

Parts No. C44-1

Description Transport 3rd gear

CORRECTION

Correct "NOTICE OF MODIFICATION" as follow.

Old		New
C44	⟶	C44-1
		⇓
		C44-02

Date of Modificataion

Issued by K. MURAI

変更通知票 NOTICE OF MODIFICATION No. 531 1/2

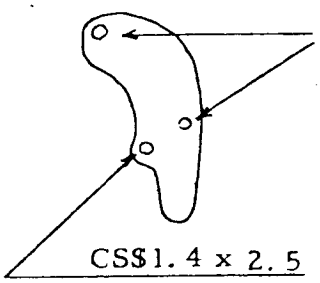
Product No. 23401 Model PENTAX 6 x 7

Parts No. Parts Description

These parts below were modified
下記の部品が変更になりました.

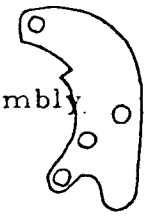
Old 旧

0-C33



New 新

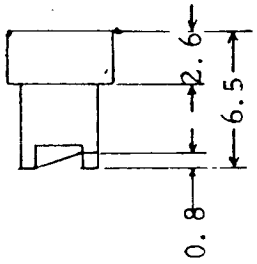
23401-0-C33-02



Wind sub-plate assembly

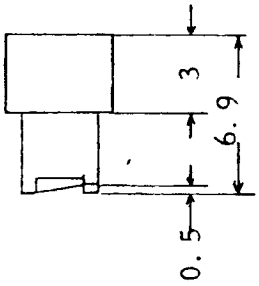
Four same screws are used

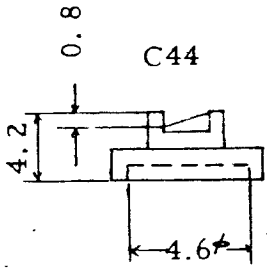
C43



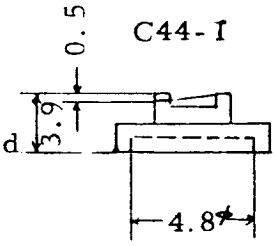
Transport 2nd gear

C43-02

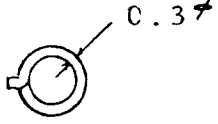




Transport 3rd gear



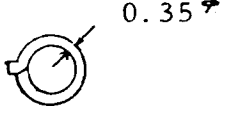
C117



2 1/3 wound

Anti-reverse spring

C117-1



1 3/4 wound

Date of Modification March 1977	発行		担当
Date of this notice April 1977			

ASAHI OPT. CO.

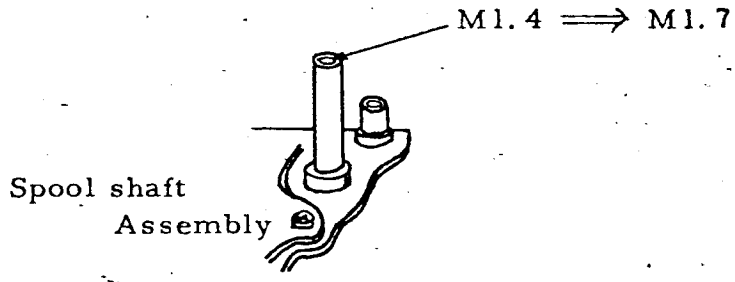
変更通知票 NOTICE OF MODIFICATION No. 531 2/2

Product No. 23401 Model PENTAX 6 x 7

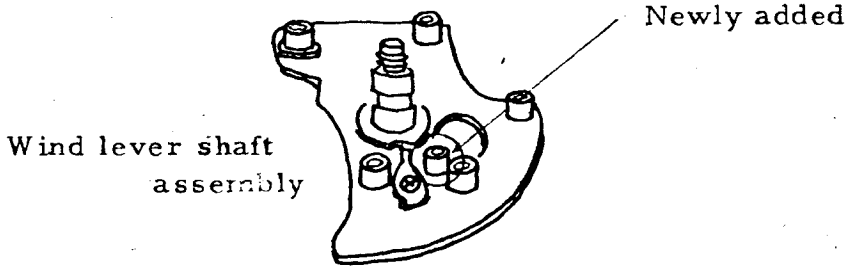
Parts No. Parts Description

Old 旧	New 新
A1-C30-01	A2-C30-01

Screw (CSS1.7 x 2.5) instead of CSS1.4 x 3.5 is used at the shaft on Spool shaft assembly.



A0-C34-01	— A0-C34-02



Reason: 理由

To prevent both the teeth of C42, C43 and the screw head (CSS1.4 x 3.5) from being broken.
Also prevent uneven clearance between the frames from appearing.
C42, C43 歯及び、(CSS1.4 x 3.5) 頭部はずれの防止.
そして、画面間隔のムラを防ぐため.

Interchangeability:

No interchangeability between old and new, but interchangeabl when used in a combination.

新旧の互換性はありませんが、組で使用すれば可能です.

Date of Modification	March 1977	発行		担当	
Date of this notice	April 1977				

ASAHI OPT. CO.

NOTICE OF MODIFICATION

No. 679

Date 28 August, 1979

Product No. 23401

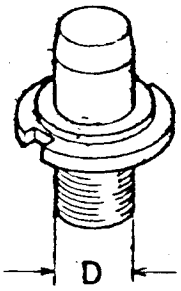
Model – ASAHI PENTAX 6X7

Parts No. B78

Description Viewfinder guide pin

The over-sized screw of Viewfinder guide pin (B78) has been added for servicing.

ファインダー案内ピン(B78)の修正ネジのものを追加されました。



B78
Viewfinder guide pin

	Dmm
B78	1.7mm
B78-00X	2.0mm

*B78-00X is the over-sized screw. B78-00Xが修正ネジのものです。

Therefore, only when the screw teeth for B78 in mirror housing were broken, use B78-00X.

B78の取りつけネジ穴がバカになった時のみ B78-00Xを使用して下さい。

The broken screw teeth must be re-tapped 2mm diameter for using B78-00X.

B78-00Xを使用する時は 2mm中のタップでたてて下さい。

Note:
Because of B78-00X is the limitted parts, the quantity of order should be reasonable. —— Less than ten pcs. would be better in one order.

B78-00Xは限定部品ですので注文の数量につきましては、十分ご配慮下さい。
(1回の注文個数は10個以内を適当です。)

Date of Modificataion

Issued by K. MURAI
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 7 6 3

Date 29 Nov, 1980

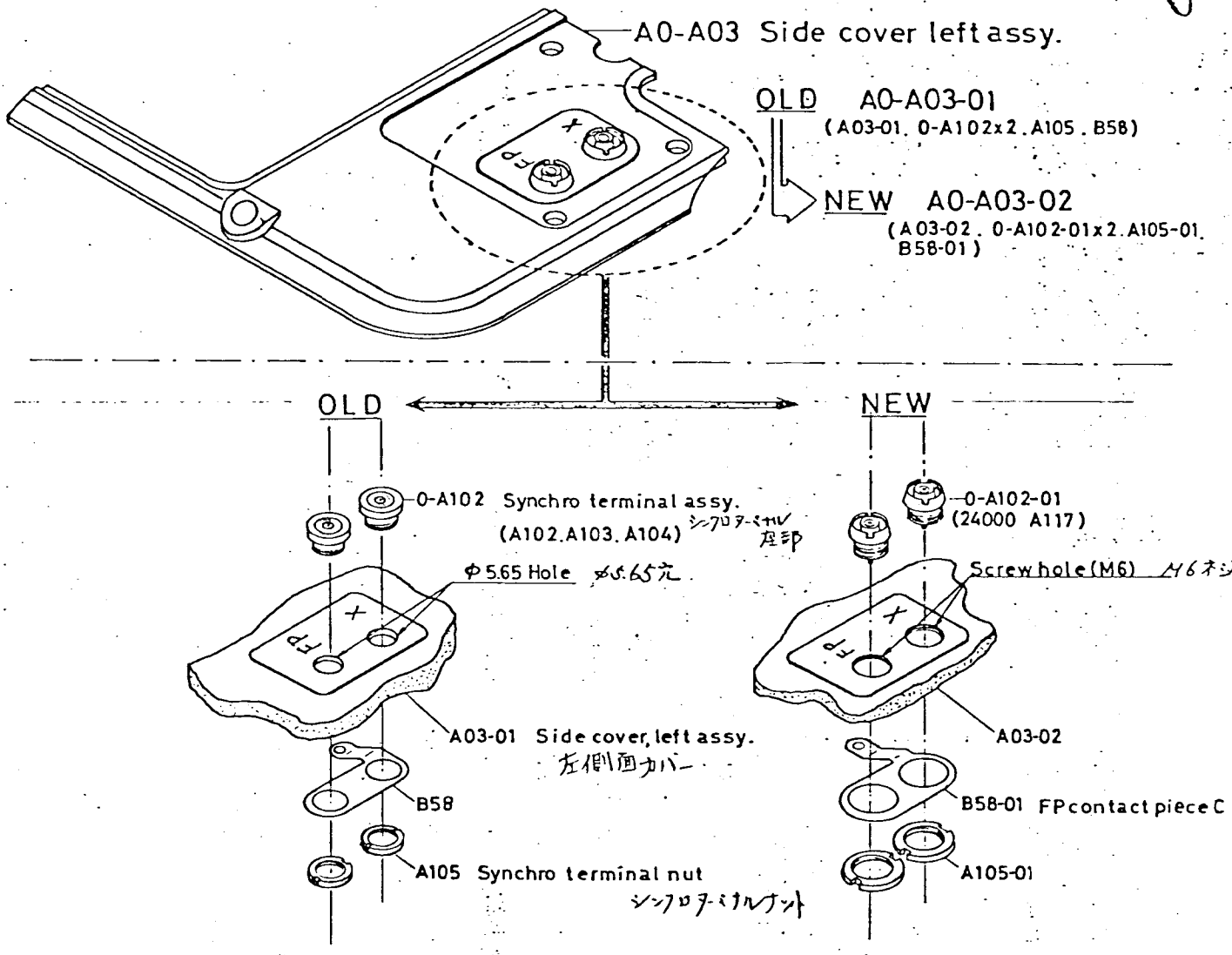
Product No. 23401

Model PENTAX 6x7

Parts No. A3 B58 A102 A105 A58

Description Side cover left assy. Synchro terminal assy.

The parts have been modified as shown below. 下記の部品が変更になりました。



Reason: 理由

To make using of 4P Synchrocord A (AF400T).

AF400Tの4Pシンクロコード A が取付け出来るようにする為

Interchangeability: 互換性

New parts (0-A102-01. A105-01. B58-01) can be used to A03-01 if the φ5.65 hole was made M6 screw hole.

新部品 (0-A102-01. A105-01. B58-01) を A03-01 に用いる場合は現在の φ5.65 穴を. M6 ネジ穴に追加工して下さい.

Date of Modificataion Dec, 1980

Issued by H. MIYAZAKI
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO., LTD.

NOTICE OF MODIFICATION

No. 9612/2

Date 12 April, 1982

Product No. 23401 | Model ASAHI PENTAX 6x7

Parts No. 0-E68-01 | Description Shaft plate B assembly

2. In this condition, if the screw (CNS2x2.2) does not fit into ★ the hole due to Damper mech. assembly has been shifted as mentioned earlier. Consequently, file or ream with a reamer (make a hole φ2.2 to approx.φ2.5) then fasten the screw (CNS2x2.2).

Remark: Above mentioned the procedure is required untill a modified part of A0-E01 supllies.

新部品0-E68-02付き鏡箱にA0-E01を取り付ける場合は、低温時でのシャッタースピードの安定化の為、下記の要領で行って下さい。

理由: 0-E68-02付き鏡箱にA0-E01を取り付けると0-E68-02のギアと、ピニオンシャフトギアの噛み合いがきつい為。

1. 段ビス E97 を標準ビス(CNS2x2.2)に変え、取り付けは、図2の如く矢印方向 ⬅ へ押しながらビスを締める。
2. この状態で、もしビス(CNS2x2.2)が、取り付かなかった場合は(A0-E01がズレた為)、ヤスリ又は、リーマで穴を拡げて(φ2.2から約φ2.5に)ビス(CNS2x2.2)を取り付ける。

備考: 上記取り付け方法は A0-E01の新部品が供給される予定ですので、それまで行って下さい。

After using up the stock of old parts (0-E68-01),
new parts (0-E68-02) will be supplied automatically.
旧部品(0-E68-01)の在庫がなくなり次第、新部品(0-E68-02)が自動的に供給されます。

Date of Modificataion June, 1981 1981

Issued by J. Okonogi
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 962

Date 14 April, 1982

Product No. 23401

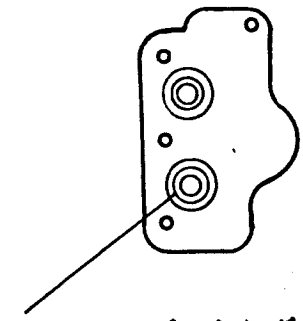
Model ASAHI PENTAX 6x7

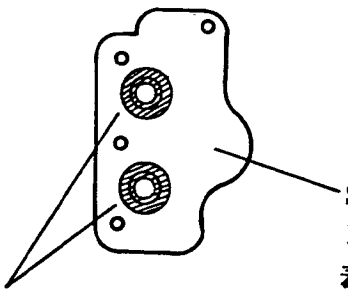
Parts No. 0-E67

Description Shaft plate A, assembly

The part has been modified as shown below.
With this modification, the part number has been also changed.
下記の部品が変更になりました。この変更に伴い部品番号も変更になりました。

OLD	NEW
0-E67	0-E67-01 ⟶ Common part with 23400 23400と共通部品





Reason: 理由
To increase the durability and the accuracy of shutter speeds.
耐久性を増す為。

Interchangeability: 互換性
Interchangeable between old and new parts.
新旧の互換性はあります。

After using up stock of the old parts, new parts will be supplied automatically.
旧部品の在庫がなくなり次第、新部品が自動的に供給されます。

Date of Modificataion June, 1981

ASAHI OPTICAL CO.,LTD.

Issued by J. Okonogi
SERVICE ENGINEERING SECTION

81.4.20 宮

NOTICE OF MODIFICATION No. 964

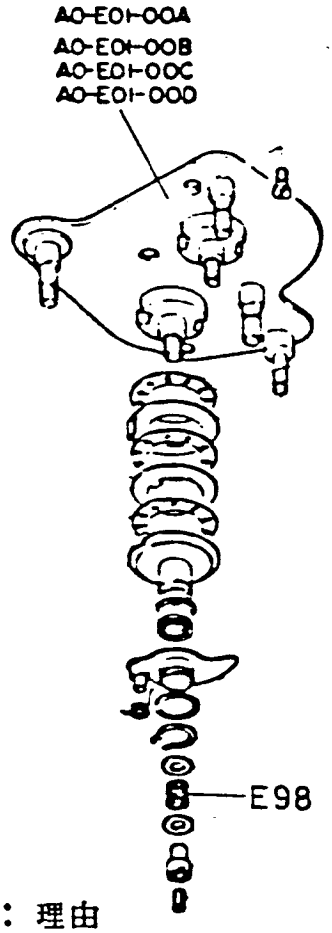
Date 20 April, 1982

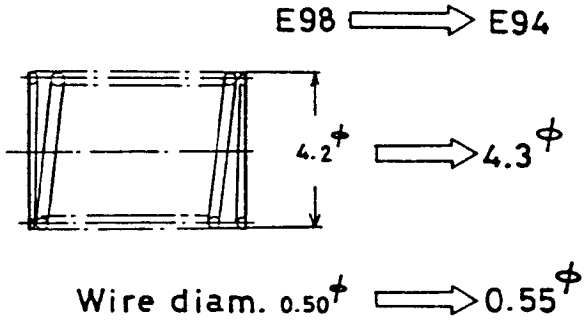
Product No. 24301 Model ASAHI PENTAX 6x7

Parts No. E98 Description Clutch disk spring

The parts below have been changed as follows.

部品が下記の如く変更になりました。





Product No. 製番	Quantity 数量	Parts No. 部番	
23400	2	E98	
23401	One of each	E98 E94	新設 → Newly added
Currently used parts 現在使用されている部品			
23401	2	E94 E98	 → Abolished 廃止

Reason: 理由

Both adjustment can be made by E94 Clutch disk spring.

E94で両方の調整が可能な為。

Interchangeability: 互換性

Interchangeable between old and new parts.

新旧の互換性はあります。

Only new parts will be supplied from now on.

今後、新部品のみ供給します。

Date of Modificataion July, 1981

Issued by J. Okonogi

SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 9 6 1 1/2

Date 12 April, 1982

Product No. 23401

Model ASAHI PENTAX 6x7

Parts No. 0-E68-01

Description Shaft plate B.assembly

The part has been modified as shown below.
With this modification, the part number has been also changed.
下記の部品が変更になりました。この変更に伴い部品番号も変更になりました。

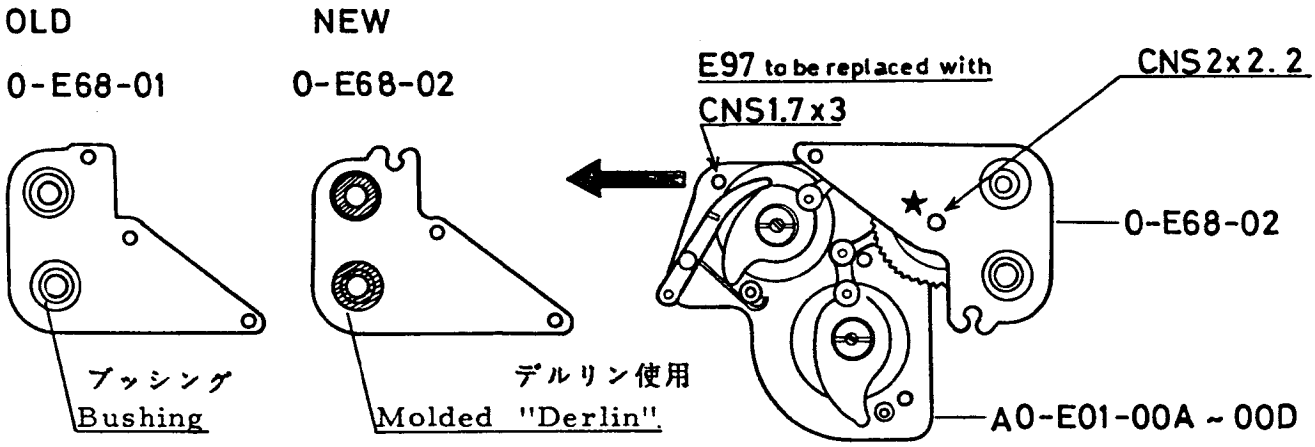


Fig.1 第1図

Fig.2 第2図

Reason:理由
To increase the durability and the accuracy of shutter speeds.
耐久性とシャッタースピードの精度を増す為。

Interchangeability:互換性

Interchangeable between old and new parts. But when installing Damper mech. assembly A0-E01-00A~00D to Mirror box assy. that comes with the new Shaft plate B assy. 0-E68-02, following procedures are required to stabilize shutter speeds under a low tempreture condition.

Reason: By installing A0-E01 to Mirror housing assy. with 0-E68-02, the mesh of the A0-E01's gear and Pinion shaft gear will be fastened.

1. Replace Shaft retainer screw E97 with a standard screw (CNS1.7x3). While shifting Damper mech. assembly to the arrow direction ◀ as shown in Fig.2 above, then fasten the screw (CNS1.7x3).

次頁に続く
Continued on next page

Date of Modificataion June, 1981

Issued by J. Okonogi
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

-9 JUIL. 1982

NOTICE OF MODIFICATION

No. 990

Date 11 June, 1982

Product No. 23400

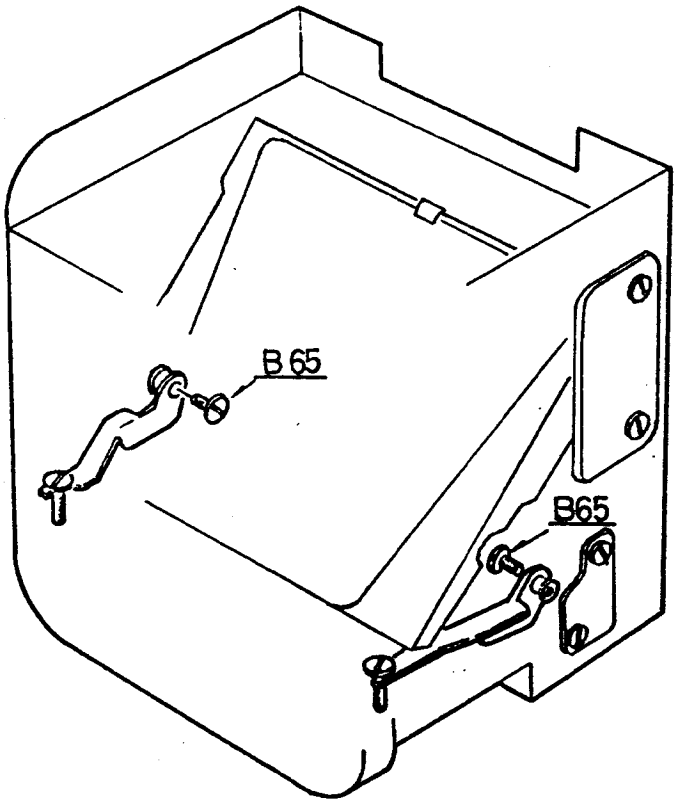
Model ASAHI PENTAX 6x7

Parts No. B65

Description Shock damper retainer screw.

B65 Shock damper retainer screw has been removed and CNL-E 1.7x2.2 (PB-9) Screw has been used instead of B65.

下図の如くB65が廃止になり、代わりにCNL-E 1.7x2.2 (PB-9)が使用されています。



Removed⇨B 65

Newly added

CNL-E 1.7×2.2
(PB-9)
Code No.1182226

Interchangeability: 互換性

Interchangeable between old and new parts.

新旧の互換性はあります。

Only new parts will be supplied from now on.

今後、新部品のみ供給します。

57. 6. 11

Date of Modificataion

Issued by H. OTAKA

SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 977 1/2

Date 14 May, 1982

Product No. 23401

Model ASAHI PENTAX 6x7

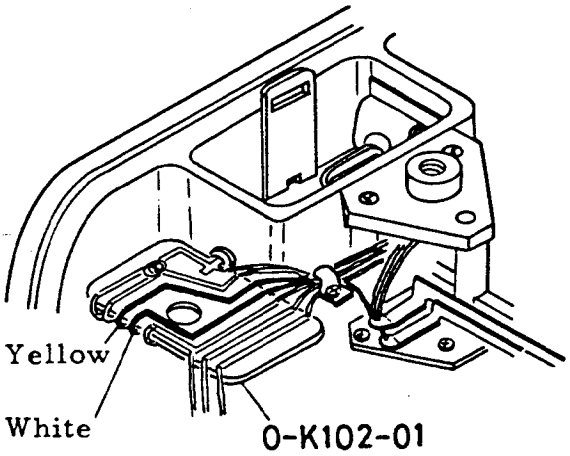
Parts No. 0-K02-02

Description Wiring board assembly
(Distributing wires)

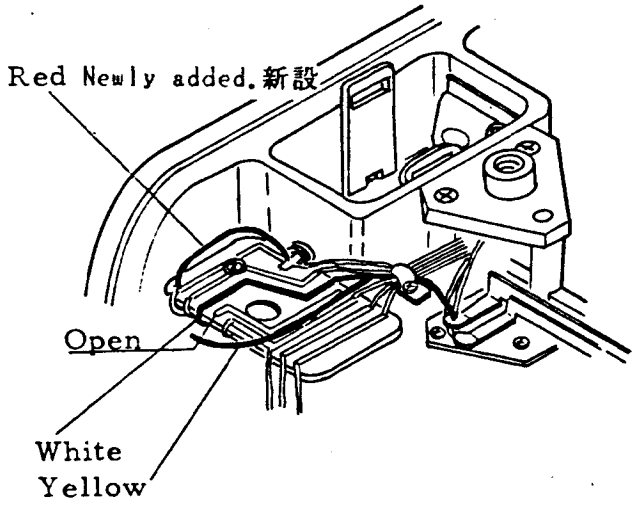
The wiring positions of the white and the yellow lead wires have been changed as shown below.

白と黄色リード線の配線位置が下図の如く変更になりました。

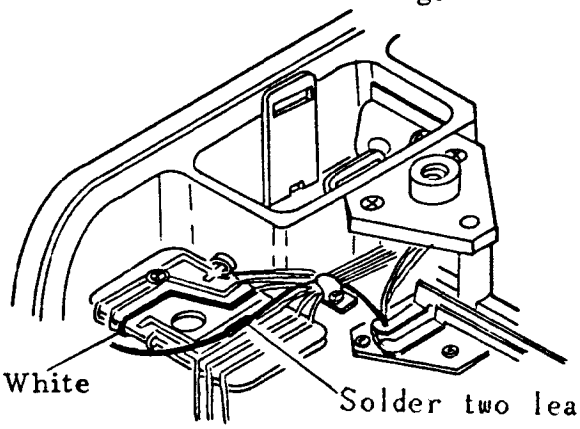
OLD Fig. 1



NEW Fig. 2



For Repair 修理用 Fig. 3



2本のリード線を半田付けし、絶縁テープを巻く。

If following malfunction happened, to repair, solder the two yellow lead wires then wrap it with electric tape and bundle with other lead wires as shown in Fig.3.

もし次頁で述べる不良が発生した場合の修理は、図3の如く黄リード線を半田付けし絶縁テープを巻き他のリード線と一緒に束ねて下さい。

Date of Modificataion July, 1981

Issued by J. Okonogi
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 9772/2

Date 14 May, 1982

Product No. 23401

Model ASAHI PENTAX 6x7

Parts No. 0-K02-01

Description Wiring board assembly
(Distributing wires)

理由:Reason

While taking Time exposures, to prevent the shutter from being released caused by leakage of 0−K02−01 Wiring board assembly.

0−K02−01基板のリークにより、露光中にシャッターが切れるのを防止する為。

追加: Supplementhe

For safety measure, the red lead wire as shown in Fig.2 (length Apporox. 30mm) has been added to supply electric power souce more surely.

安全対策として、赤リード線が 図2の如く電源の供給を確実にする為に追加されています。

Date of Modificataion July, 1981

Issued by J. Okonogi
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

NOTICE OF MODIFICATION

No. 9 1982

Date 17 June, 1982

Product No. 23401

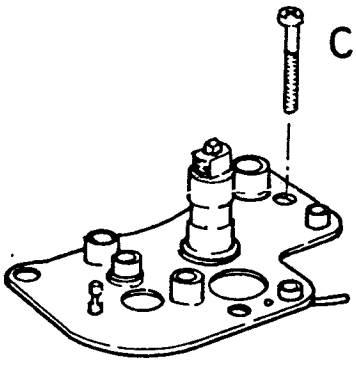
Model PENTAX 6x7

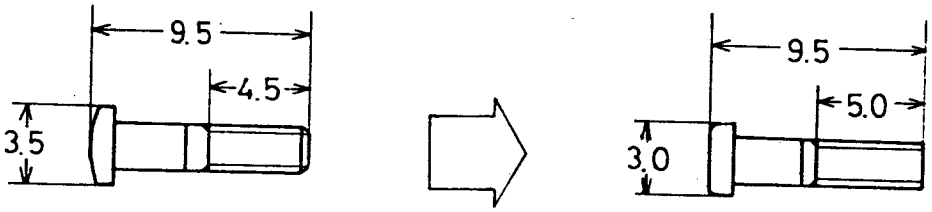
Parts No. C135

Description Wind lever shaft screw

Wind lever shaft screw (23401-C135) has been removed as shown below.
23401-A139-01 is used instead of 23401-C135.

巻上軸板止メネジ(23401-C135)は廃止になりました。
23401-A139-01は、23401-C135の代わりに使用できます。

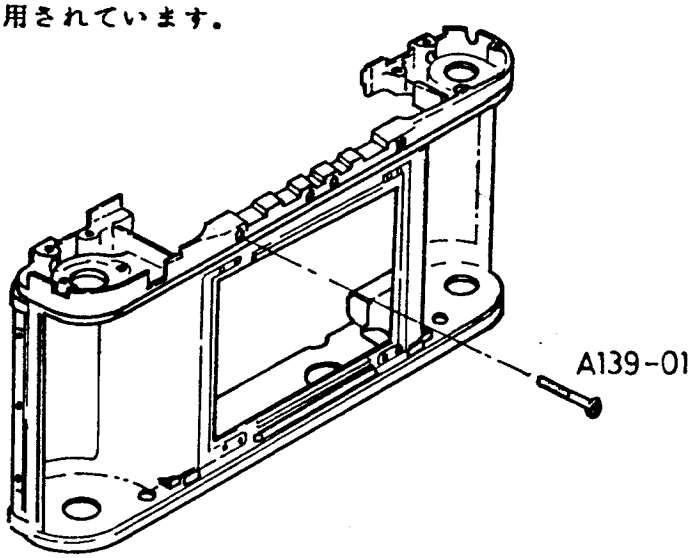




C135 A139-01

23401-A139-01 is used as shown below.

23401-A139-01は、下図の如く使用されています。



Only new part will be supplied from now on.

今後、新部品のみ供給します。

Date of Modificataion March, 1981

Issued by H. Yoshida

ASAHI OPTICAL CO.,LTD.

SERVICE ENGINEERING SECTION

NOTICE OF MODIFICATION

No. 1002

Date 24 June, 1982

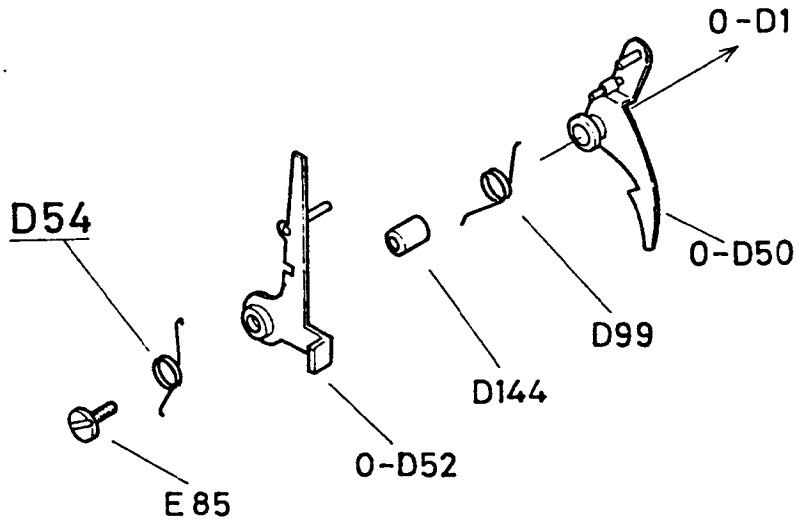
Product No. 23401

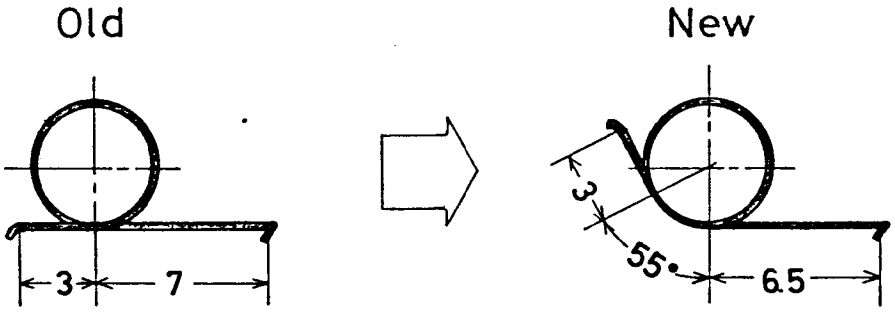
Model PENTAX 6x7

Parts No. D54

Description Shutter actuator lever spring

The part has been modified as shown below.
But the part number remain the same.
下記の部品が変更になりましたが、部品番号の変更はありません。





Reason: 理由
When released shutter at "B"position, to prevent Second Shutter Curtain from not releasing.
バルブでタイムになるのを防ぐ為。
Interchangeability: 互換性
Interchangeable between old and new parts.
新旧の互換性はあります。

Date of Modificataion June, 1982

Issued by H. Yoshida
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

57. 6. 30

NOTICE OF MODIFICATION

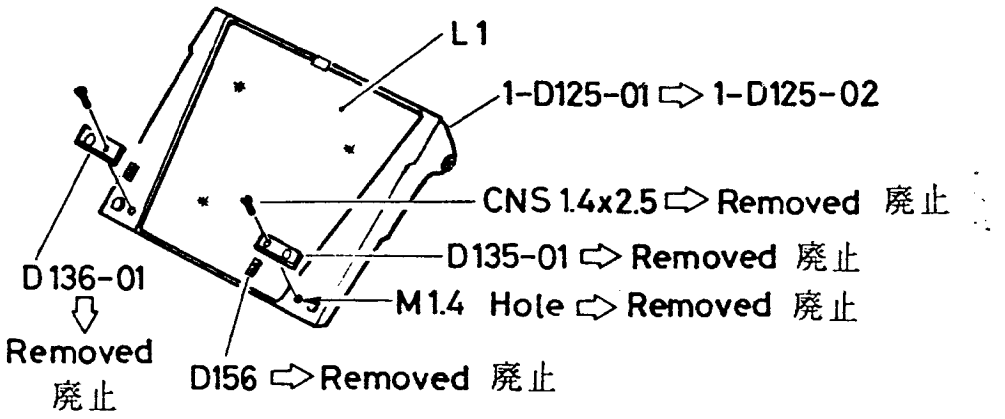
No. 1025 1/2

Date 26 July, 1982

Product No. 23401 Model PENTAX 6x7

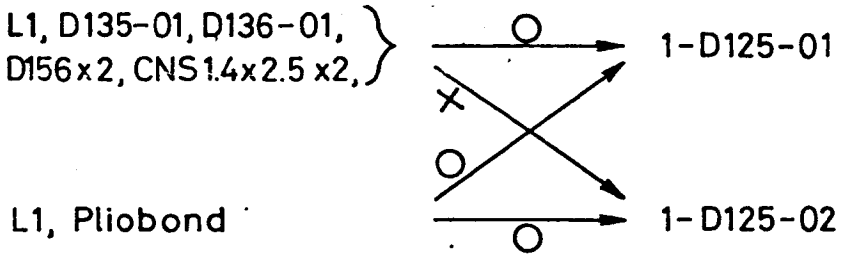
Parts No. 1-D125-01 Description Mirror seat assembly.

The parts have been removed and modified as shown below.
With this modification, the part number has been also changed.
下記の如く部品が廃止、変更になりました。この変更に伴い部品番号も変更になりました。



Reason: 理由
To prevent L1(Mirror) from warping.
L1(ミラー)が歪むのを防ぐ為。

Interchangeability: 互換性



Date of Modificataion

Issued by H. OTAKA
SERVICE ENGINEERING SECTION

ASAHI OPTICAL CO.,LTD.

57. 7. 26
宮

NOTICE OF MODIFICATION

No. 10252/2

Date 26 July, 1982

Product No. 23401

Model PENTAX 6x7

Parts No. 1-D125-01

Description Mirror seat assembly.

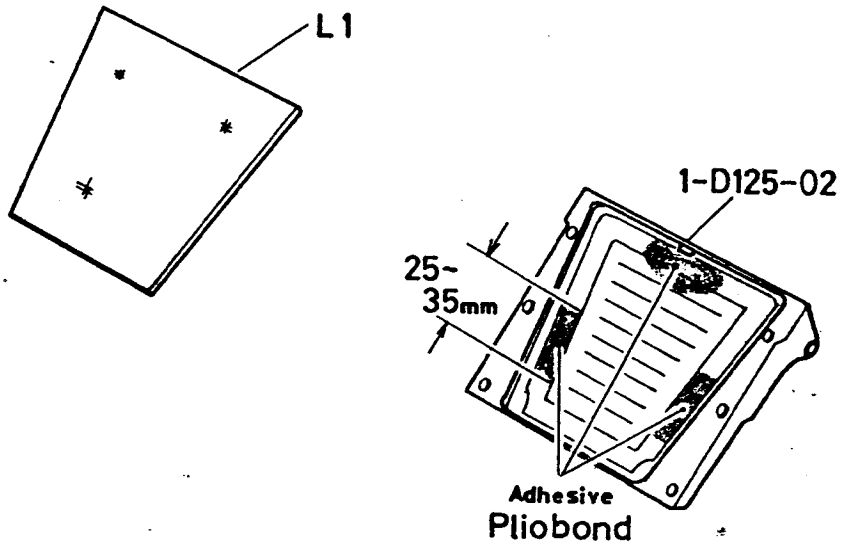
Remark: 備考

How to affix L1.

L1の取付方法。

Apply pliobond to 1-D125-02(Mirror seat assy.) as shown below, then affix L1 and leave it approx. 24 hours.

下図の様に 1-D125-02(ミラーシート)へプライオボンドを塗附し L1を貼付けそして約1日放置して下さい。



Date of Modificataion

ASAHI OPTICAL CO.,LTD.

Issued by H. OTAKA

SERVICE ENGINEERING SECTION

57.7.26