

Canon SERVICE MANUAL REPORT

Serial No. AC10-016

Service Manual

Issued by Service Department, Canon Camera Co., Inc.

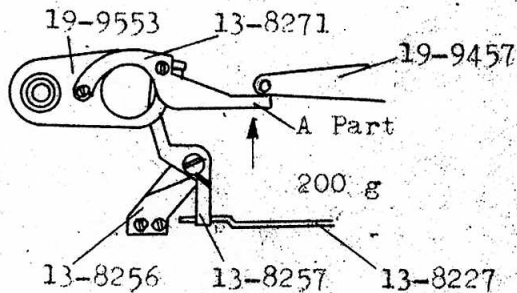
Date 24th May, 1965

REGARDING CHANGED IN CHECKING METHODS FOR SHUTTER RELEASES OF CANON FX AND PELLIX

1. CONTENTS

Recently there have been many claims that the shutter does not release even though the shutter button is pressed. The reason for this is that the mirror clamp lever (13-8257) does not get released. Heretofore, the release of the mirror clamp lever was judged good when the difference between how strong the mirror charge lever (19-9553) was set and the weight of the release of the mirror clamp lever was 40 g. However, due to fluctuations in measuring and instability in the checking method, we have changed the checking method as follows:

(New Checking Method)



The mirror clamp lever (13-8257) should come loose when the shutter button is pressed while pressing the A part of mirror charge lever (13-8271) at 200 g with a tension gauge.

2. MEASURES TAKEN BY SERVICE DEPARTMENT

Hereafter, the new checking method is to be applied to the service parts also.

3. REINFORCEMENT OF NEW PROCESS

Mid-April, 1965

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the end

Canon SERVICE MANUAL REPORT

Serial No. AC10-014

Service Manual

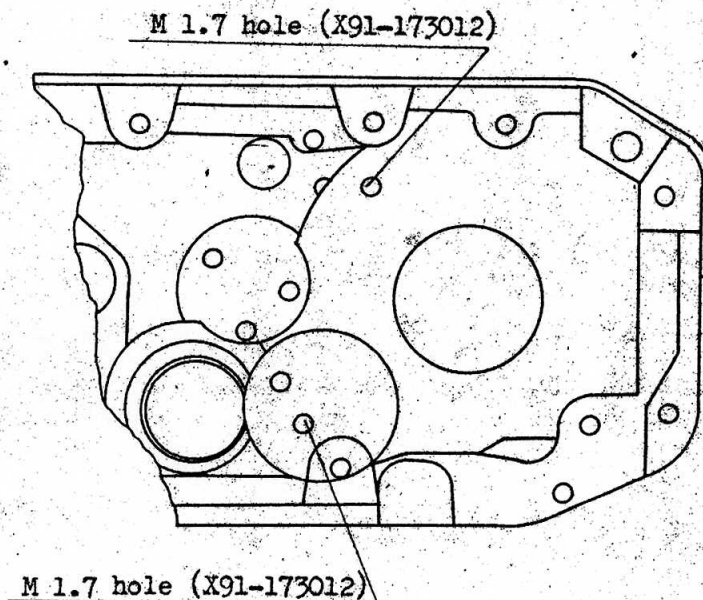
Issued by Service Department, Canon Camera Co., Inc.

Date APR 10 1965

Pertaining to Light Leakage of Canon FX, FP

1 Phenomenon

Body (19-9727) of Canon Pellix is diverted to body of Canon FX, FP at present time, however, as the body of Pellix has two more holes compared with the body of FX, FP, refer to the following diagram, if it is assembled without being covered a lid on the holes, there is a danger light might leak.



2 Disposition in Service Department

FX, FP of the body which has the screw holes without being covered a lid has only shipped approximately 150 - 200 pieces on 11th, 12th February, 1965 both FX, FP and the classification numbers are given as follows.

FX F0208, F0209

FP F0207, F0208

So if FX, FP which is assembled with this specific body returns to you for repair, no matter what light leaks or not, fill up screw X91-173012 to the holes mentioned above.

The number 13-8372 Battery Cover is altered to 13-8372-05.
The material vinyl chloride is altered to polypropylene and the thick
0.2mm is altered to 0.4mm. The number 13-8368 Insulator is altered
to 13-8368-03.

Canon SERVICE MANUAL REPORT

Serial No. **AC10-032E**

Service Manual **C-010**

Issued by Service Department, Canon Camera Co., Inc.

Date **1967. 8. 23**

Altered Rewind Crank of Canon FX

Alterations

For making the operation of Rewind Crank well, the Crank is made to common as the one for FTQL and PXQL.

1 Rewind Crank (Unit)

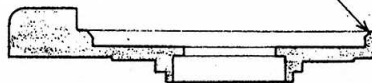
The number 18-0161 is altered to 18-0260.

Refer to FTQL and PXQL' Service Manual for the component parts.

2 Meter Switch Knob 13-8400

New Rewind Crank is made larger in diameter so that planning off the edges (0.4C) are supplemented to the Knob.

Supplemented Planning
off the Edges 0.4C



Repairings

In principle, replace Rewind Crank, the former Crank to the former type and the new one to the new type. If, however, the position of Top Cover to Rewind Crank Shaft is not shifted, it is possible to fix a new Crank to the former type of Camera.

Canon SERVICE MANUAL REPORT

Serial No. AC10-033E

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

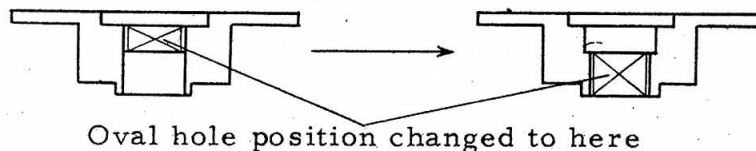
Date 1967. 8. 23

Altered Shutter Speed Dial 13-8155 of Canon FX, and FTQL

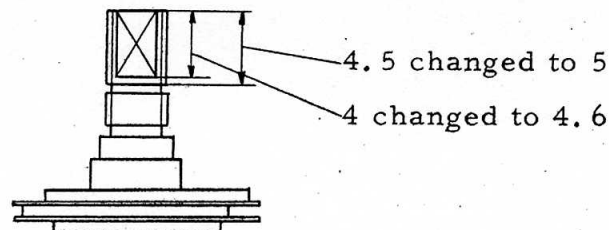
Alterations

Oval hole position for Shutter Speed Dial 13-8155 of FX, FTQL is made altered to the same position Pellix as follows.

1 Shutter Speed Dial 13-8155

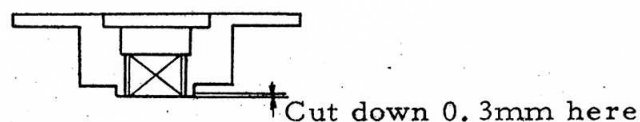


2 Shutter Speed Cam 19-9580



Repairings

As for FX, if a new Shutter Speed Dial is fixed to the former Shutter Speed Cam, small end play may come out. In this case, cut down about 0.3mm at the bottom of Shutter Speed Dial, then fix it.



There is no question in FTQL, but as to FX, in case of fixing the former Shutter Speed Dial to a new Shutter Speed Cam, both Shutter Speed Dial and Shutter Speed Selector Base are not classified, therefore, take heed when the Shutter Speed Dial is replaced.

Canon SERVICE MANUAL REPORT

Serial No. **AC10-031E**
Service Manual

Issued by Service Department, Canon Camera Co., Inc.

Date **1967. 5. 18**

Change of Front Plate and Mount for Canon FX

1 Matter Changed

In connection with the sound proof device of FT and PX QL, FX has also been improved as follows.

Front Plate	19-9518-07	19-9518-08
Mount	13-8331-01	13-8331-02
Washer	13-8329	13-9055
Light Shield	13-8328	13-9054

For further details, refer to Service Manual Report No. AC21-021.

2 Guide for Repair Service

There is no interchangeability between old and new parts except for the washer.

Canon SERVICE MANUAL REPORT

Serial No. AC10-030E

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

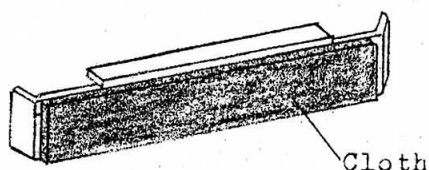
Date APR - 6, 1967

Change of Light Shield of Canon FX and FT

1. Matter for Change

Light shield material has been changed from vinyl chloride to cloth as the latter is more effective.

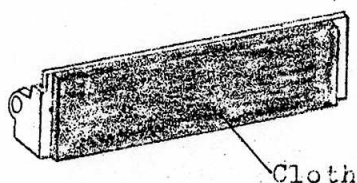
1) Body Side of FX and FT



Old: Z9177(vinyl chloride) stucked to 13-8347

New: 13-8666(cloth) stucked to 13-8347
Combination part No. 19-0284

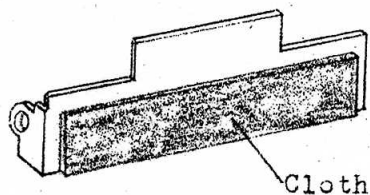
2) Side of FX Mirror Box



Old: Z9176(vinyl chloride) stucked to
13-8346(light shield)

New: 13-8665(cloth) stucked to
13-8346(light shield)
Combination part No. 19-0286

3) Side of FT Mirror Box



Old: Z9176 to 13-9005

New: 13-8665 to 13-9005
Combination part No. 19-0285

2. Guide for Repair Service

Upon the claim of light leakage, use new light shield.

Canon SERVICE MANUAL REPORT

Serial No. AC10-019

Service Manual

Issued by Service Department, Canon Camera Co., Inc.

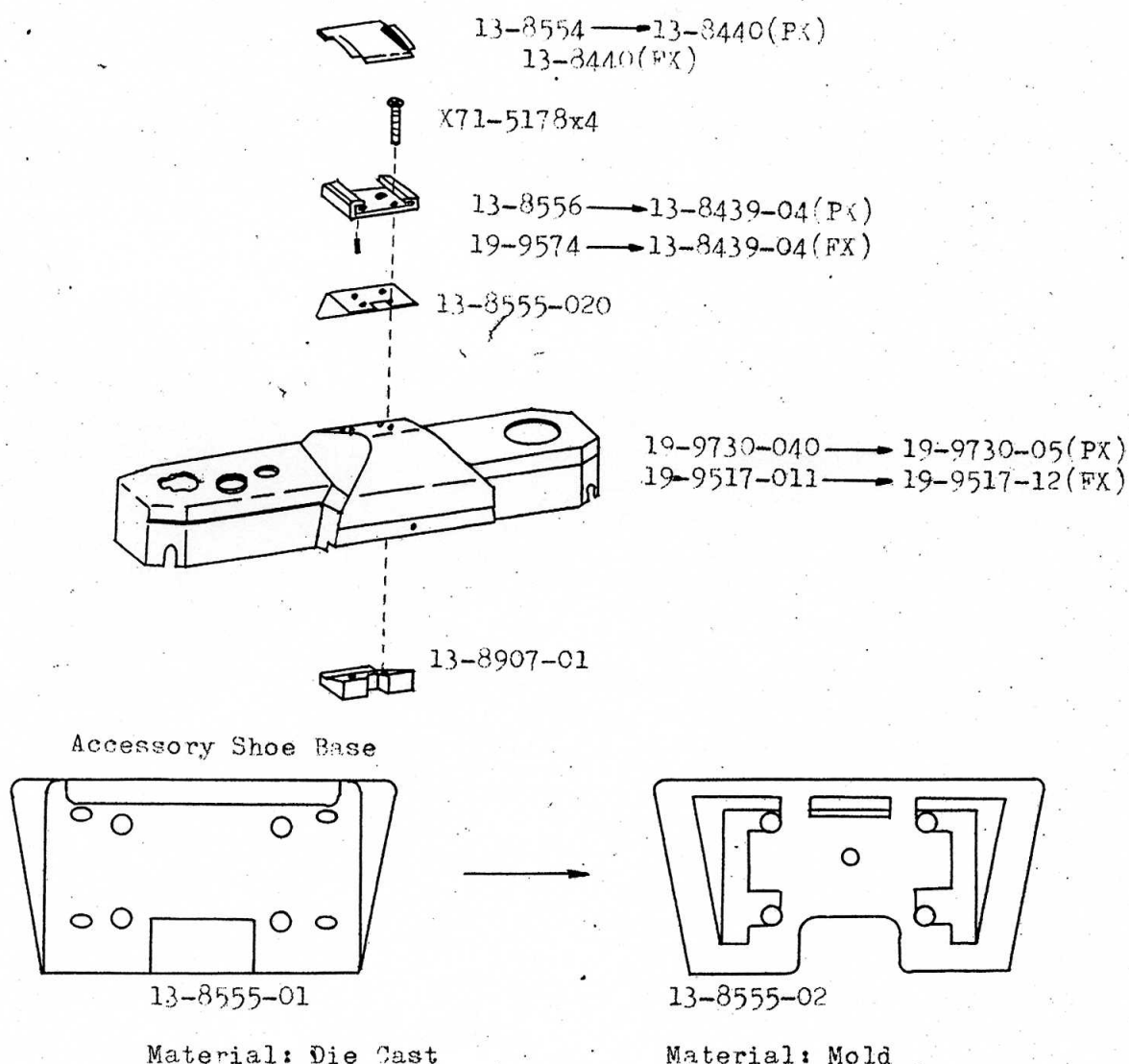
Date 11th June, 1965

REGARDING CHANGE IN ACCESSORY SHOE PARTS OF CANON PX (1-20301) AND CANON PELLIA (1-20311)

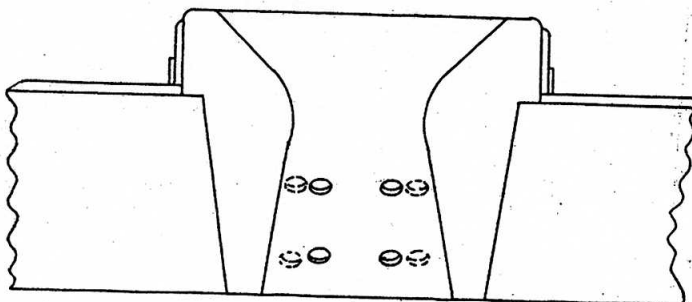
1. CONTENTS OF CHANGE

The material for the accessory shoe base (13-8555) has been changed to mold for the purpose of reducing man-hours and production costs.

Furthermore, the screw has been changed to a plus screw (X71-5178) and the accessory shoe tightening plate (13-8907) has been added.



Top Cover



Position of screw hole has been changed.
Dotted line indicates old hole position.

19-9730-040 —→ 19-9730-05 (Pellix)
19-9517-11 —→ 19-9517-12 (FX)

2. MEASURES TAKEN BY SERVICE DEPARTMENT

Parts are not interchangeable.

Both the new and old parts are stored by the Service Department. Therefore, when requesting parts, be sure to indicate the parts number.

3. ENFORCEMENT OF NEW PROCESS

27th May, 1965

4. STRATIFICATION NUMBERS

PX From FO504

FX From FO512

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the end

Canon SERVICE MANUAL REPORT

Serial No. AC10-034E

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

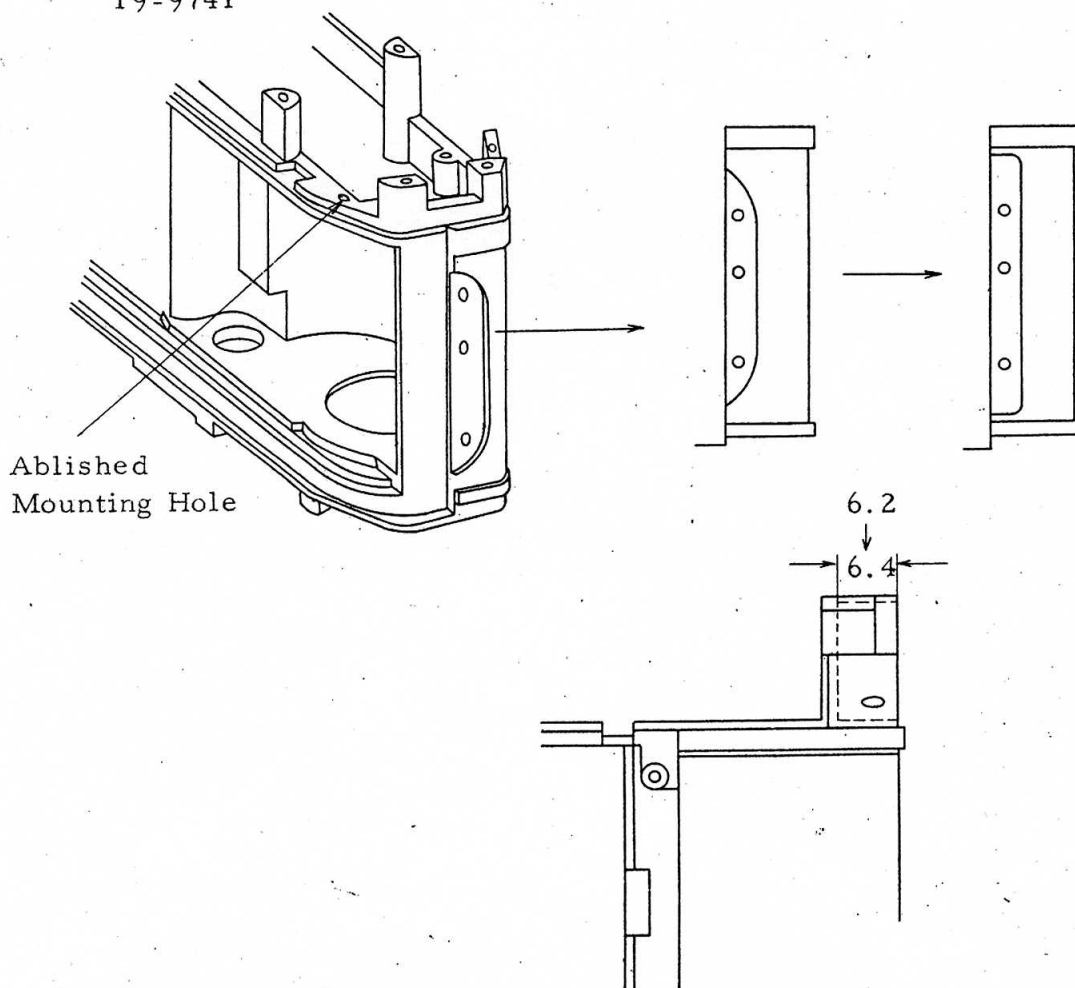
Date 27th Oct., 1967

Altered Body Case, Canon FX

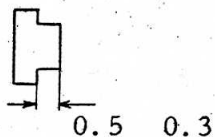
1 Alterations

The part of Body Case (B.P.) 19-9741 where hinge is fixed, the part number has been previously altered from 19-9516, is made all common to FTQL and PXQL. The mounting hole of Screw X91-142379 for Reset Lever is abolished. The depth 6.2mm of the Mercury Battery Box is also altered to 6.4mm as well as FTQL and PXQL.

Body Case (B.P.)
19-9741



The number 13-8372 Battery Cover is altered to 13-8372-05.
The material vinyl chloride is altered to polypropylene and the
thick 0.2mm is altered to 0.4mm. The number 13-8368
Insulator is altered to 13-8368-03.



The number 13-8326 Hinge is altered to 13-8948.

13-8326 is stopped, then 13-8948 which is common to FTQL and
PXQL is applied instead. Collar 13-8521 and Screw X91-142379
are stopped.

2 Repairings

Old Hinge 13-8326 can't be used to the new Body Case.
Old Mercury Cover 13-8372 can't be used to the new Body Case.
Old Insulator 13-8368 can't be used to the new Body Case
19-9741-12, but the new Insulator 13-8368-03 can be used to the
old Body Case 19-9741.

Canon SERVICE MANUAL REPORT

Serial No. AC10-042E

Service Manual C-010

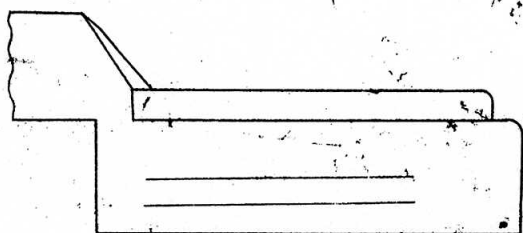
Issued by Service Department, Canon Camera Co., Inc.

Date 2nd April, 1969

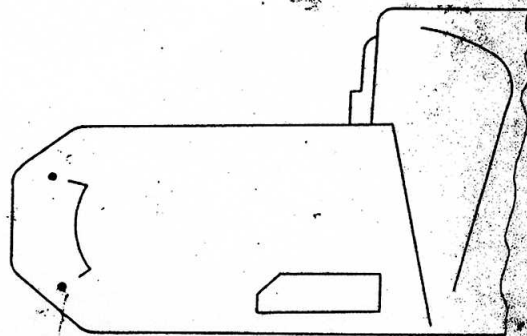
Modified Top Cover and Base Plate, Canon FX

1 Modifications

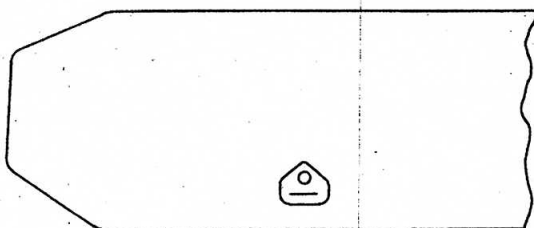
With the alteration of the name, the top cover and the base plate are modified. The carving CANON CAMERA COMPANY, INC. NO. 100001 MADE IN JAPAN on the backside at right hand side of the cover is abolished, but 100001 is put on the surface at left hand side instead and CANON JAPAN is also put on the surface of the base plate.



CANON CAMERA COMPANY, INC.
NO. 100001 MADE IN JAPAN
19-9517



19-9517-14



19-9521-05

Assortments of the top cover and the base plate assembled in the cameras are the following three kinds for the time being.

- 1 Current top cover and current base plate
- 2 Current top cover and modified base plate
- 3 Modified top cover and modified base plate

2 Repairings

The stock of the current parts will be gradually switched over to the modified ones.

Canon SERVICE MANUAL REPORT

Serial No. AC10-041E

Service Manual

Issued by Service Department, Canon Camera Co., Inc.

Date 7th March, 1969

Modified Screws, Canon FX

The parts numbers reported by AC10-037 on 28th May, 1968 are again modified for lasting number as follows.

Number Reported by AC10-037

Number Modified Here

Screw Z20321	—————→	X29-170256
Screw Z20320	—————→	X29-140306
Screw Z20319	—————→	X28-170306
Screw Z20321	—————→	X29-170256
Screw Z20324	—————→	X23-170256
Screw Z20318	—————→	X99-0013

Canon SERVICE MANUAL REPORT

Serial No. AC10-040E

Service Manual C-010

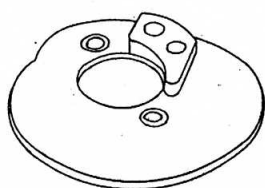
Issued by Service Department, Canon Camera Co., Inc.

Date Oct. 29, 1968

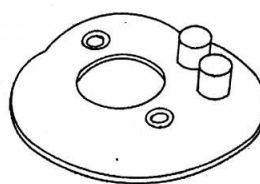
Altered Counter Cam, Canon FX

1 Alterations

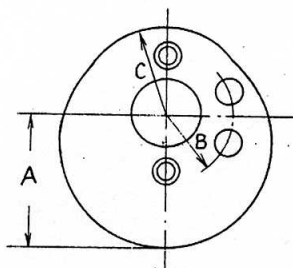
In order to make the adjustment easier in the assembly and to let the feedings have the end play, Counter Cam 19-9689 is altered as illustrated below.



19-9689



19-9689-002



A	8.4 → 8.6
B	4.5R → 4.8R
C	6R → 5.8R

2 Repairings

The present part is interchangeable with the altered part.

Canon SERVICE MANUAL REPORT

Serial No. AC10-039E

Service Manual C-010

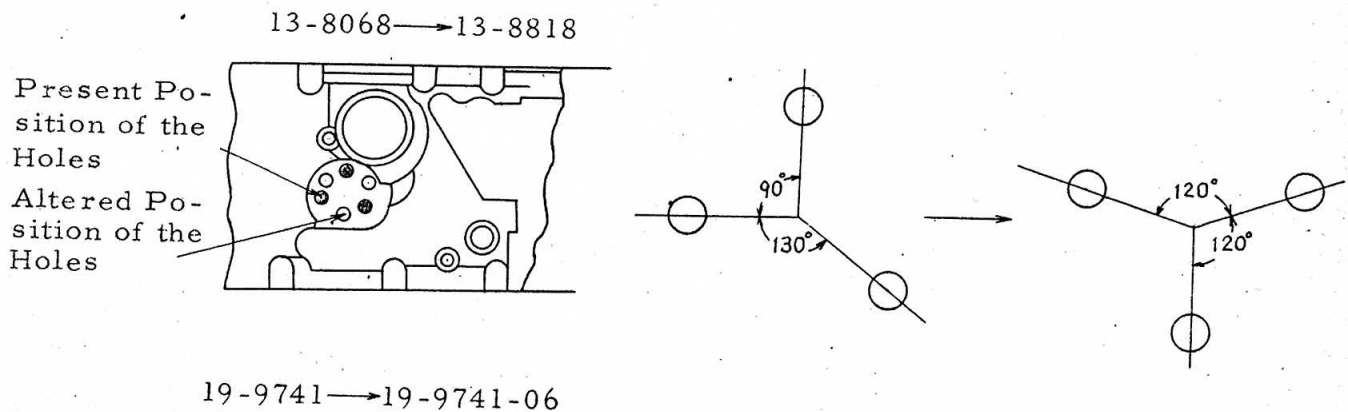
Issued by Service Department, Canon Camera Co., Inc.

Date Oct. 29, 1968

Altered Brake Shaft and Body Die Casting, Canon FX

1 Alterations

In order to rationalize the processing of perforation in the Body Die Casting 19-9741, which is made common to the processing for FT and PXQL, the position of the mounting holes for Brake Shaft 13-8068 is altered as illustrated below. Consequently, the Brake Shaft is altered to the same one which is used for FT and PXQL.



2 Repairings

It is not possible to pair neither the present Brake Shaft 13-8068 to the altered Body Die Casting nor the altered Brake Shaft 13-8818 to the present Body Die Casting. Both present and altered Brake Shafts are stocked for spare.

Canon SERVICE MANUAL REPORT

Serial No. AC10-038E

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

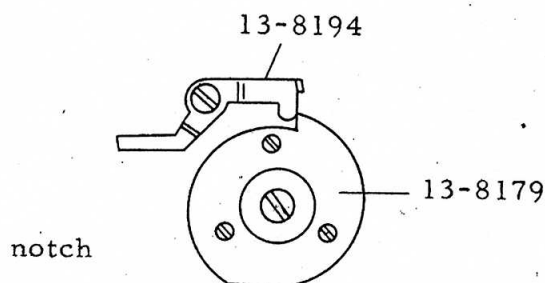
Date 24th June, 1968

Altered Reflector and Rewind Clamp Lever, Canon FX

1 Alterations

1-1 Altered Rewind Clamp Lever

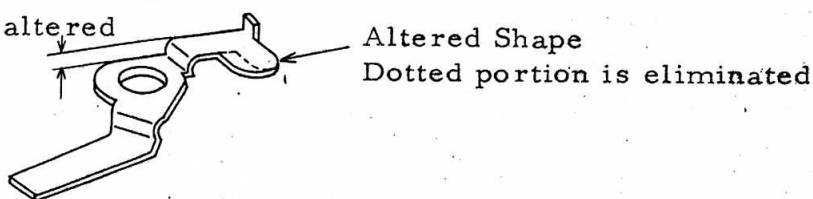
When winded up, Rewind Clamp Lever gets into notch of Cover Plate 13-8179 so that further winding sometimes becomes incompetent.



And also on the way of winding, the Rewind Clamp Lever gets in under disk and jams with gear so that return of Winding Lever (B.P.) becomes inferior. For the prevention, Rewind Clamp Lever, and Cover Plate are altered as illustrated below.

Rewind clamp Lever 13-8194

0.4 is altered
to 0.6



Cover Plate

The thickness 0.8 is altered to 1.0mm

1-2 Altered Reflector

For the purpose to lighten the finder, the reflection ratio of the Reflector is increased, light in the finder increases about 10% accordingly.

2 Repairings

The respective present and altered parts of 13-8179 and 13-8194 are not interchangeable. If 13-8194 is replaced to the altered one, replace 13-8179 to the altered one without fail. Specify PRESENT or ALTERED parts when ordering.

Canon SERVICE MANUAL REPORT

Serial No. AC10-037E

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

Date 28th May, 1968

Altered Screws, Canon FX

1 Alterations

Screws (-) for fixing Top Cover or Base Plate are altered to Screws (+), and the numbers are also altered as specified below.

Present Number		Altered Number
Screw X25-170256 x 3 for Top Cover (B.P.) 19-9517	→	Z20321 x 3
Screw X25-140306 for Top Cover (front) 19-9517	→	Z20320
Screw X24-170306 x 2 for Base Plate 19-9521	→	Z20319 x 2
Screw X25-170256 for Base Plate (side) 19-9521	→	Z20321
Screw X23-170256 for Front Cover (B.P.) 19-9590	→	Z20324
Screw X95-170013 for Front Panel 19-9518	→	Z20318

2 Repairings

Each threading pitch of these altered screws (+) above is the same as the respective present screw's. Specify the part number upon ordering.

Canon SERVICE MANUAL REPORT

Serial No. AC10-036

Service Manual C-010

Issued by Service Department, Canon Camera Co., Inc.

Date 12th April, 1968

Altered Battery Cover, Canon FX

1 Alterations

The material of Battery Cover 13-8372 made from white polypropylene in semitransparency is altered to black polypropylene in opacity, because as this can be diverted to Canon TL. Since the booster circuit is eliminated from the structure in Canon TL, as the socket hole for the booster should not be conspicuous by appearance, 13-8372 is made black.

Canon SERVICE MANUAL REPORT

Serial No. AC10-035E

Service Manual C-010

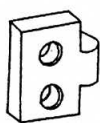
Issued by Service Department, Canon Camera Co., Inc.

Date 24th January, 1968

Altered Brake Band Holder, Canon FX

1 Alterations

The mounting hole's position of Brake Band Holder 13-8510 is altered. Consequently, the mounting hole's position of Body 19-9741 is also altered.



13-8510



to



13-8510-03

2 Repairings

Both new 13-8510-03 and former 13-8510 are stocked for spare for the time being, so specify the part number you need.

Canon