

Service Manual

Comact Plain Paper Fax



KX-FP81EX

KX-FP82PD

KX-FP82RS

KX-FP85EX

KX-FP88PD

KX-FP88RS

(for Asia)

(for Poland)

(for Russia)

Subject : Parts Change

Please file and use this supplement manual together with the original service manuals for the following models.

Model No.	Order No.	Supplement No.
KX-FP81EX	KMF0010446C3	1
KX-FP82PD	KMF0008437C2	1
KX-FP82RS	KMF0009440C3	1
KX-FP85EX / KX-FP88PD / KX-FP88RS	KMF0010450C8	1

WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.





Panasonic

© 2001 Kyushu Matsushita Electric Co., Ltd. All rights reserved. Unauthorized copying and distribution is a violation of law.

1 REPLACEMENT PARTS LISTS

1.1. REFERENCE CHART

Reason for Change	
*The following items (1-8) indicate the reason for change. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LIST(S) .	
1. Improve performance	Remarks: *a: To improve the electric conduction. *b: To change the factory mode. *c: To share the part with other models. *d: For improvement of copy performance. *e: To improve how to set up. *f: To collect error writing. *g: Sales company's request.
2. Change of material or dimension	
3. To meet approved specification	
4. Standardization	
5. Addition	
6. Deletion	
7. Correction	
8. Other	

Interchangeability Code		
**The following items (V-Z) indicate the interchangeability. See the "Notes" column for each part in ORIGINAL AND NEW PARTS COMPARISON LIST(S) .		
Parts	Set Production	
V Original New	 Early (before change) Late (after change)	Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
W Original New	 Early (before change) Late (after change)	Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
X Original New	 Early (before change) Late (after change)	New parts only may be used in early or late production sets. Stock new parts.
Y Original New	 Early (before change) Late (after change)	Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
Z Other		

Note:

Alphabets in the "Remarks" column in the following lists correspond to the alphabets in the "Remarks" in **REFERENCE CHART**.

1.2. ORIGINAL AND NEW PARTS COMPARISON LIST(S)

1.2.1. KX-FP81EX

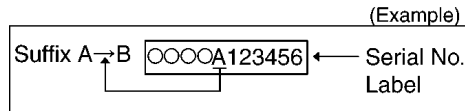
Ref No.	Part No.		Part Name & Descriptions	Pcs/Set	Remarks	Notes		Suffix
	Original Part No.	New Part No.						
CABINET AND ELECTRICAL SECTION								
36	PFHX1342X	PFHX1342Z	INSULATOR, STATICELEC. (RIGHT)	1	*d	1	V	
45	PF0U1022Z	PF0U1022Y	PHOTO ELECTRIC TRANSDUCER, IMAGE SENSOR(CIS)	1	*a	1	V	
ACCESSORIES AND PACKING MATERIALS								
P1	PFPK1826Z-M	PFPK1826Y-M	GIFT BOX	1	*a	8	V	

1.2.2. KX-FP82PD

Change of the Suffix Code

Suffix Code	Reasons of change
A→B	To upgrade the ROM version for improvement of the Caller ID display. Program No. is changed from E581RA to E581RB .

Serial No.Label tells you the suffix code as follows.



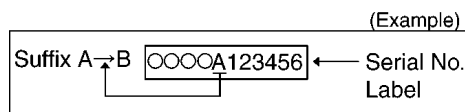
Ref No.	Part No.		Part Name & Descriptions	Pcs/Set	Remarks	Notes	Suffix
	Original Part No.	New Part No.					
CABINET AND ELECTRICAL SECTION							
32	PFHR1189Z	PFHR1189Y	GUIDE, THERMAL HEAD (LEFT)	1	*d	1	W
34	PFHR1190Z	PFHR1190Y	GUIDE, THERMAL HEAD (RIGHT)	1	*d	1	W
35	PFHR1192Y	PFHR1192X	COVER, THERMAL HEAD	1	*d	1	W
36	PFHX1342X	PFHX1342Z	INSULATOR, STATICELEC. (RIGHT)	1	*d	1	V
45	PF0U1022Z	PF0U1022Y	PHOTO ELECTRIC TRANSDUCER, IMAGE SENSOR(CIS)	1	*a	1	V
51	-----	PFHX1457Z	SPACER, SHEET (Refer to UPPER CABINET SECTION)	2	*d	5	W
65	PFKV1025Y1	PFKV1025X1	COVER, UPPER TURN (Refer to BACK COVER 1)	1	*e	1	W
109	PFHX1367Z	-----	COVER, IC ROM SHEET	0	Deleted	6	---
113	PFHX1359Y	-----	COVER, SHEET	0	Deleted	6	---
132	PFUA1024Z	PFZMFM189E	CHASSIS KIT, GEAR BASE (Refer to MOTOR SECTION)	1	*c	4	V
Note: Change Parts of Ref No.32 and No.34 at the same time.							
DIGITAL BOARD PARTS							
IC501	PFVIM66426M1	PFVIM66440M1	IC	1	*c	4	V
IC502	PFWIFP82PD	PFWIFP82PD1	IC(ROM)	1	*b	1	X
C566	ECEA1CKA101	ECEA0JKA101	CAPACITOR, 100	1	*c	4	V
							B

1.2.3. KX-FP82RS

Change of the Suffix Code

Suffix Code	Reasons of change
A→B	To upgrade the ROM version for improvement of the Caller ID display. Program No. is changed from E581RN to E581RP .

Serial No.Label tells you the suffix code as follows.



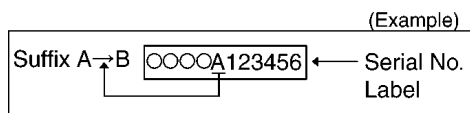
Ref No.	Part No.		Part Name & Descriptions	Pcs/Set	Remarks	Notes		Suffix
	Original Part No.	New Part No.						
CABINET AND ELECTRICAL SECTION								
36	PFHX1342X	PFHX1342Z	INSULATOR, STATICELEC. (RIGHT)	1	*d	1	V	
47	PFPE1074Z	Not Used	-----	0	Deleted	---	---	
51	-----	PFHX1457Z	SPACER, SHEET (Refer to UPPER CABINET SECTION)	2	*d	5	W	
65	PFKV1025Y1	PFKV1025X1	COVER, UPPER TURN (BACK COVER 1)	1	*e	1	W	
132	PFUA1024Z	PFZMFM189E	CHASSIS KIT, GEAR BASE (Refer to MOTOR SECTION)	1	*c	4	V	
ACCESSORIES AND PACKING MATERIALS								
A6	PFQX1463Z	PFQX1463Y	INSTRUCTION BOOK	1	*f	7	W	
DIGITAL BOARD PARTS								
IC502	PFWIFP81RS	PFWIFP81RS1	IC(ROM)	1	*b	1	X	B
C566	ECEA1CKA101	ECEA0JKA101	CAPACITOR, 100	1	*c	4	V	
OPERATION BOARD PARTS								
CN302	PFAVM190B	PFAVM220C	LIQUID CRYSTAL DISPLAY	1	*f	7	Z	

1.2.4. KX-FP85EX, KX-FP88PD, KX-FP88RS

Change of the Suffix Code

Suffix Code	Reasons of change
A→B	To upgrade the ROM version for improvement of the Caller ID display. Program No. is changed as follows. <ul style="list-style-type: none"> • KX-FP85EX - E571EN→E571EP • KX-FP88PD - E571RA→E571RB • KX-FP88RS - E571RP→E571RQ

Serial No.Label tells you the suffix code as follows.



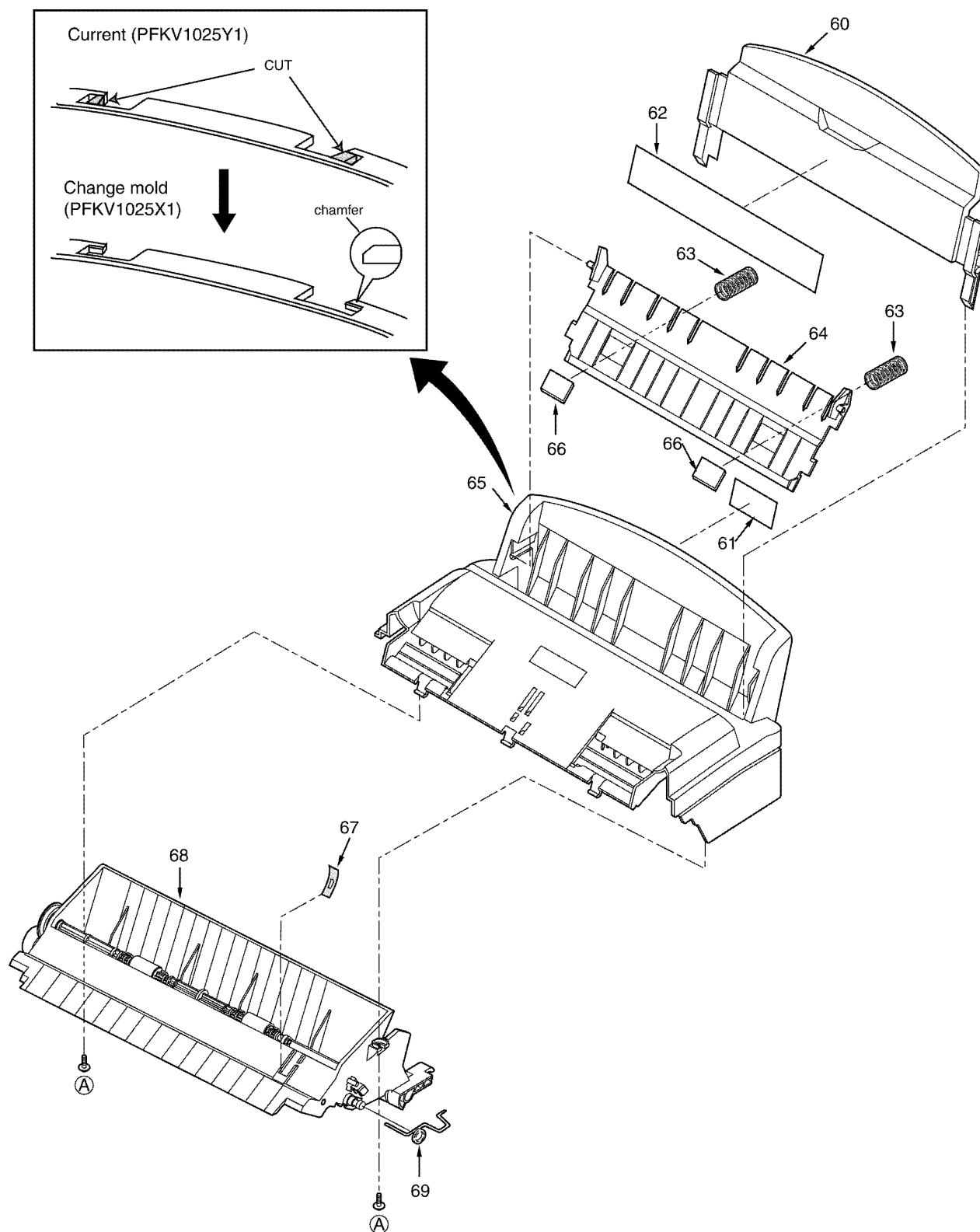
Ref No.	Part No.		Part Name & Descriptions	Pcs/Set	Remarks	Notes		Suffix
	Original Part No.	New Part No.						
CABINET AND ELECTRICAL SECTION								
36	PFHX1342X	PFHX1342Z	INSULATOR, STATICELEC. (RIGHT)	1	*d	1	V	
45	PF0U1022Z	PF0U1022Y	PHOTO ELECTRIC TRANSDUCER, IMAGE SENSOR(CIS)	1	*a	1	V	
ACCESSORIES AND PACKING MATERIALS								
P1	PFPK1837Z-M	PFPK1837Y-M	GIFT BOX (for KX-FP85EX)	1	*g	8	V	
DIGITAL BOARD PARTS								
IC502	PFWIFP85EX	PFWIFP85EX1	IC(ROM)	1	*b	1	X	B
IC502	PFWIFP88PD	PFWIFP88PD1	IC(ROM)	1	*b	1	X	B
IC502	PFWIFP88RS	PFWIFP88RS1	IC(ROM)	1	*b	1	X	B

2.1. UPPER CABINET SECTION

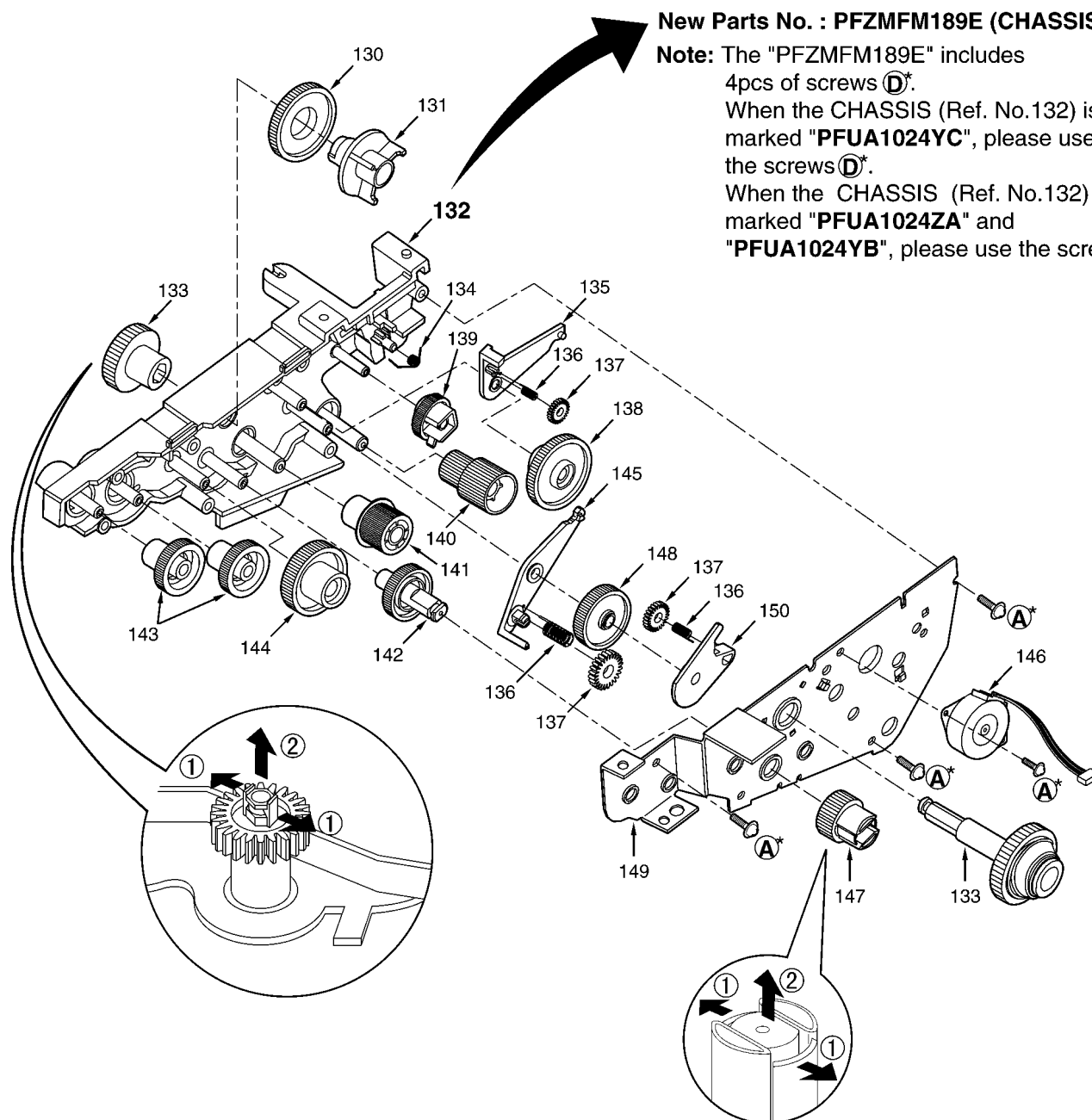


2.2. BACK COVER SECTION

2.2.1. BACK COVER 1

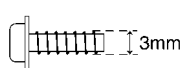

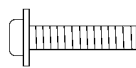
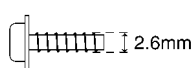


2.3. MOTOR SECTION



New Parts No. : PFZMFM189E (CHASSIS KIT)

Note: The "PFZMFM189E" includes 4pcs of screws **D***.
When the CHASSIS (Ref. No.132) is marked "PFUA1024YC", please use the screws **D***.
When the CHASSIS (Ref. No.132) is marked "PFUA1024ZA" and "PFUA1024YB", please use the screws **A***

	Part No.	Illustration
A	XTW3+S10P	
B	XSB4+6	
C	XTW3+U14L	
D	XTW26+S10P	

TN
KXFP81EX, KXFP82PD
KXFP82RS, KXFP85EX
KXFP88PD, KXFP88RS