

SB Number:	SB 2BJ-035	Creation Date: 09/06/2004
Subject:	'PARTS, ASS'Y ISU (SP)' available for field	
Model:	KM-2530 / 3530, KM-4030	

Please be informed that the '**PARTS, ASS'Y ISU (SP)**' for KM-2530 / 3530 / 4030 is available as spare parts for the field.

If the '**PARTS, ASS'Y ISU (SP)**' is replaced in the field, please mind the following attention points and refer to [page 2](#) and later of this service bulletin: "*Detaching and refitting the ISU*", extracted from the Service Manual.

ATTENTION POINTS

After replacing the ISU or after adjusting its attachment position, please output an image and adjust the scanner (image) according to below maintenance modes.

- **U065** (= 'Adjusting the scanner magnification')
- **U066** (= 'Adjusting the leading edge registration for scanning an original on the contact glass')
→ **U071** (= 'Adjusting the DF scanning timing')
- **U067** (= 'Adjusting the center line for scanning an original on the contact glass')
→ **U072** (= 'Adjusting the DF center line')
- **U403** (= 'Adjusting the margins for scanning an original on the contact glass')
→ **U404** (= 'Adjusting the margins for scanning an original from the DF')

No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	-----	2BJ93090	PARTS, ASS'Y ISU (SP)	-	1	-	O

(5) Detaching and refitting the ISU (reference)

Take the following procedure when the ISU is to be checked or replaced.

Caution:

After replacing the ISU, make a test copy and check the copy image. If the image is incorrect, perform the adjustments (see pages 1-6-25 to 31).

ISU installation requires the following tools:

Two positioning pins (P/N 1856812)

Procedure

- Detaching the ISU

1. Remove the contact glass (see page 1-6-19).
2. Remove the rear and shield covers and detach connector CN34 on the main PCB.

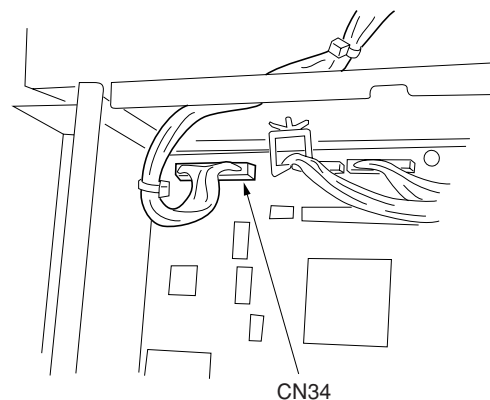


Figure 1-6-46

3. Remove the eight screws holding the ISU cover and then the cover.

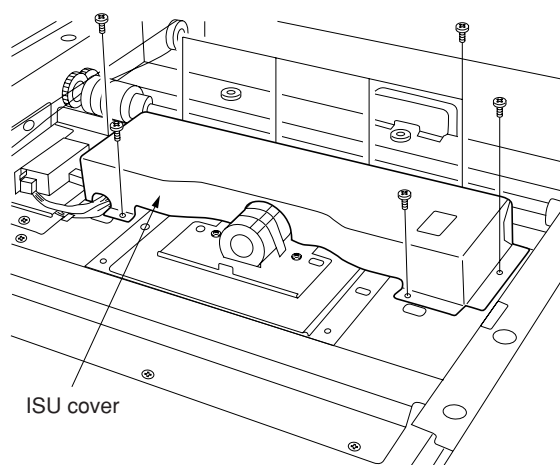


Figure 1-6-47

4. Remove the two screws holding the original size detection sensor retainer and then the retainer.
5. Remove the four screws holding the ISU and then the ISU.
6. Check or replace the ISU.

Original size detection sensor retainer

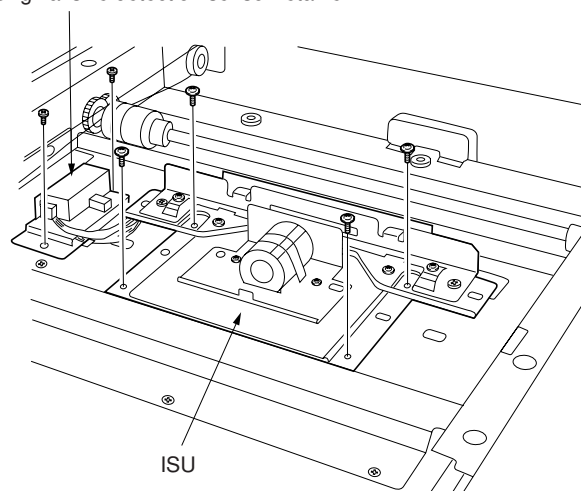


Figure 1-6-48

2BH/J

- Refitting the ISU
 1. Fit the ISU using the two positioning pins.
 2. Secure the ISU using the four screws.
 3. Remove the two positioning pins and refit all the removed parts.

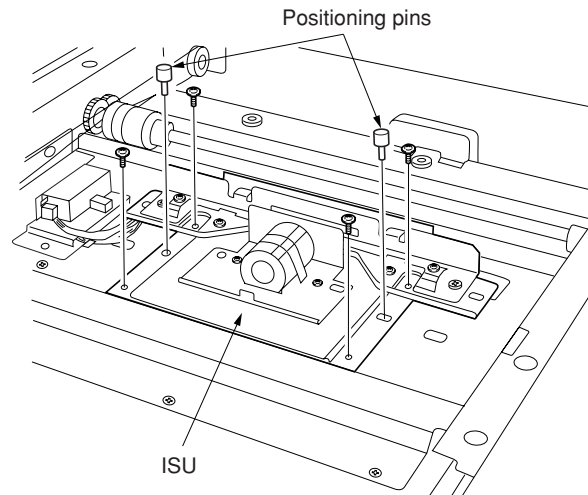


Figure 1-6-49

(6) Adjusting the position of the ISU (reference)

Perform the following adjustment if the leading and trailing edges of the copy image are laterally skewed (lateral squareness not obtained).

Caution:

- Be sure to perform “(4-1) Adjusting the skew of the laser scanner unit” (page 1-6-22) first.
- Before making the following adjustment, output a VTC-PG2 pattern in maintenance item U993 to use as the original for the adjustment.

Procedure

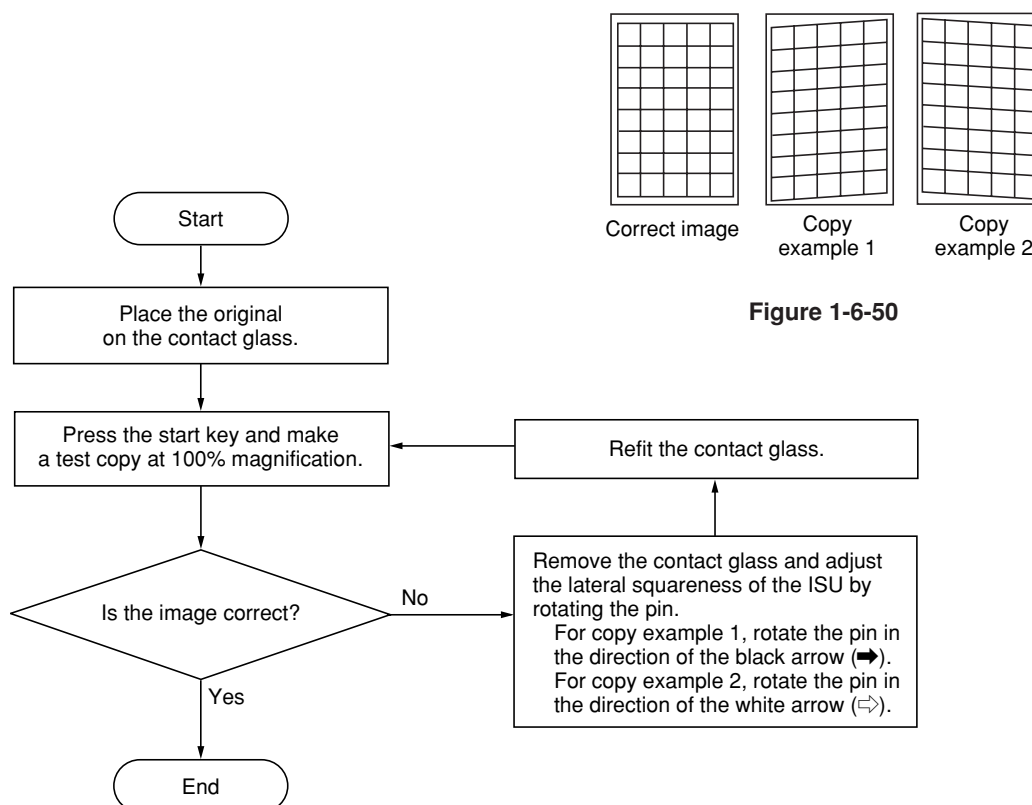


Figure 1-6-50

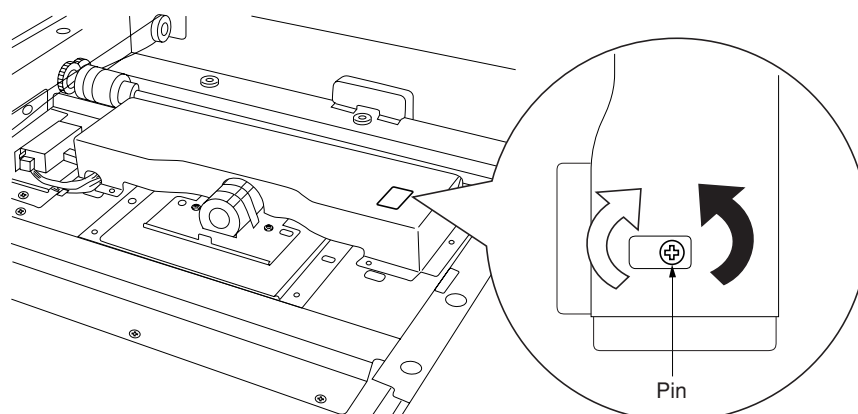


Figure 1-6-51