

Service Bulletin

SB Number:	SB 2AV-016	Issue Date: 24/10/2001
Subject:	Supply of 'PARTS, ASS'Y ISU (SP)' as spare part	
Model:	KM-1530 / 2030, KM-1525	

Please be informed that the 'PARTS, ASS'Y ISU (SP)' will be available as a spare part for the field.

For the correct installment in the field, please refer to the chapter '*Replacing the ISU*' and '*Adjusting the position of ISU*' mentioned in the Service Manual. See page 2 to 4 of this bulletin for these 2 chapters.

After replacing the ISU and adjusting the installation position, please run the following maintenance modes:

- **U060** = 'Adjusting the scanner input properties'
- **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 margins for scanning an original on the contact glass'
→ **U404** = 'Adjusting margins for scanning an original from the DF'

Item No.	Parts No. OLD	Parts No. NEW	Description	Q'ty old-new		Interchangeability	
1	---	2AV93170	PARTS, ASS'Y ISU (SP)	-	1	-	O

Note:

Since the 'PARTS, ASS'Y ISU (SP)' is used only for field service and it is not integrated in the production lines, there are no affected machine serial numbers.

(5) Detaching and refitting the ISU (reference)

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

Caution: After fitting the ISU, proceed to (6) Adjusting the position of the ISU (see page 1-6-30).

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 connectors CN22 and CN23 on the main PCB.

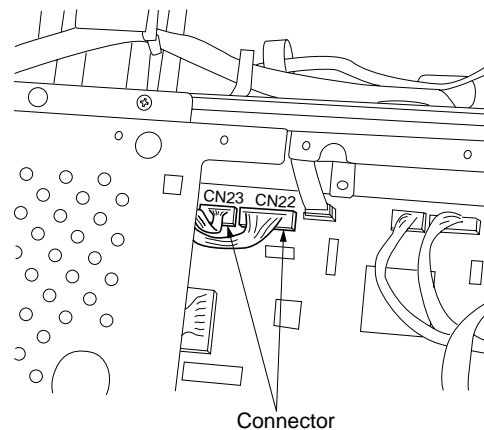


Figure 1-6-41

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

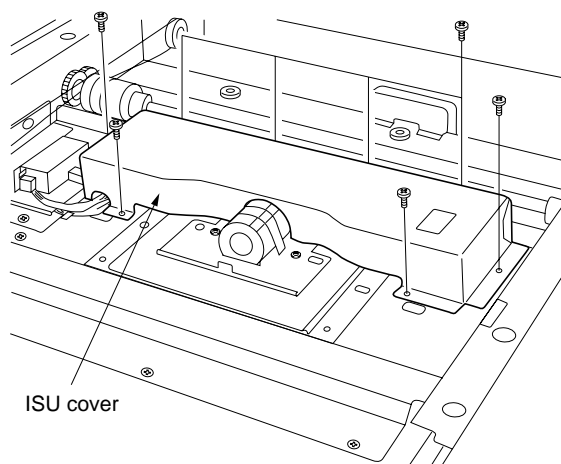


Figure 1-6-42

4. Remove the two screws holding the paper size switch and then the switch.
5. Remove the four screws holding the ISU and then the ISU.
6. Check or replace the ISU.

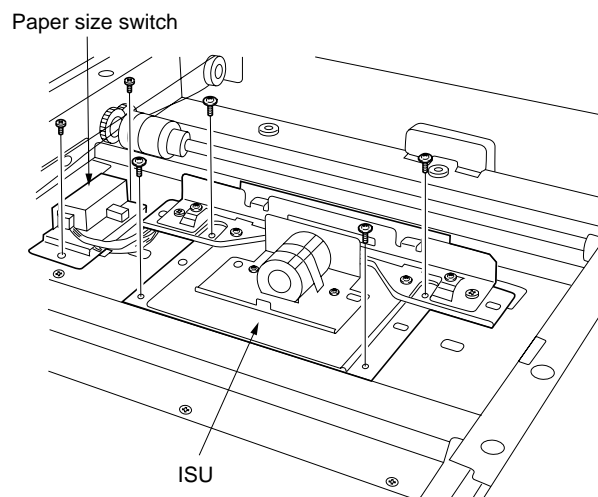
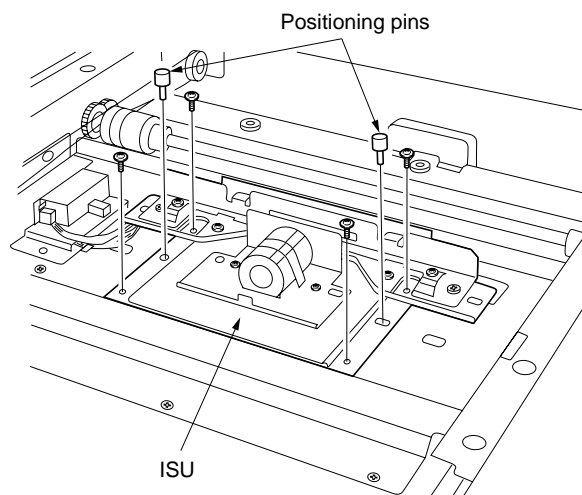


Figure 1-6-43

- 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 1-6-44**

(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 1-6-26) first.
- Before making the following adjustment, output a VTC-PG2 pattern in maintenance item U993 to use as the original for the adjustment.

Procedure

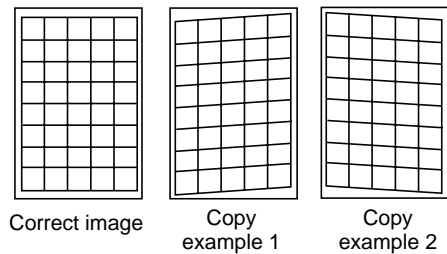


Figure 1-6-45

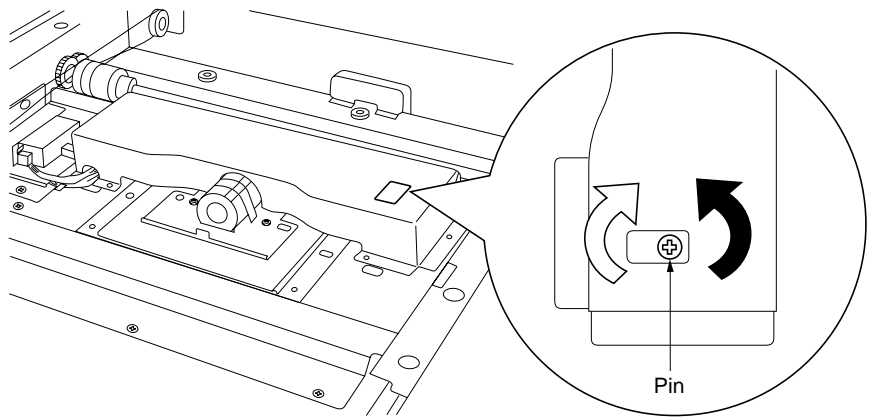
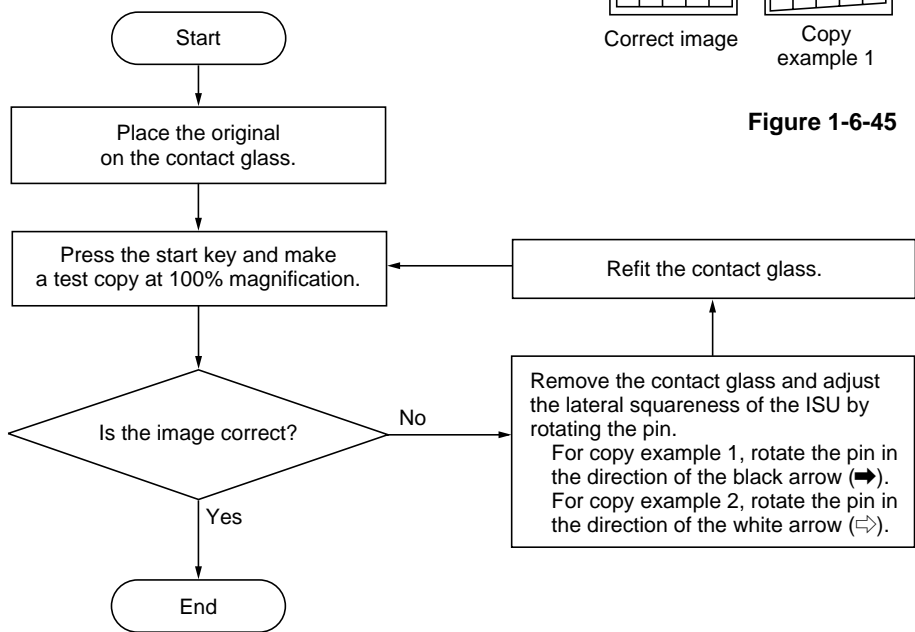


Figure 1-6-46