CR SERIES RISOGRAPH

TECHNICAL INFORMATION

RISO EUROPE TECHNICAL OPERATIONS DIVISION

DATE: JUNE 1999	ISSUE NO. CR001 Our ref: CRT-004

MODEL: CR1630 & 1610

INFORMATION CATEGORY		ACTION REQUIRED	
FACTORY MODIFICATION	X	IMMEDIATE ACTION	
FIELD MODIFICATION		NEXT SERVICE CALL	
SAFETY INFORMATION		AS NECESSARY	
GENERAL INFORMATION		AT INSTALLATION	X

SUBJECT: 020-12416-108 Rear Frame; Drum
020-12455-006 Actuator Plate; Drum Safety SW

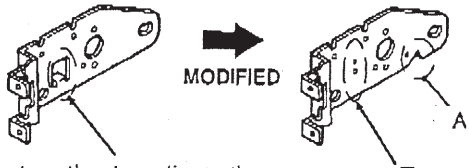
Brief:

The drum rear frame was modified.
The drum safety switch actuator plate, which was formerly in one piece with the drum rear frame is now separated into an independent part.
On the new drum, the actuator plate is screwed onto the drum rear frame.

Reason:

The drum safety switch actuator plate now has two functions.
One is to prevent the drum from rotating inside the machine during the machine shipment. For this function, the tip of the actuator plate is hooked on the rib of the drum main gear to keep the drum fixed at position-B.
After the installation of the machine, the actuator plate needs to be transferred to a second position on the drum rear frame for its second function. The second function is actually the main function of the actuator plate, which is to press against the drum safety switch to activate the switch.
All CR inkless drums have the actuator plate already installed in the "second function" position, when shipped from our factory, ready for normal printing job.

020-12416-000 Rear Frame; Drum → MODIFIED → **020-12416-108 Rear Frame; Drum**



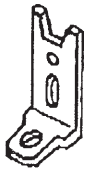
This cutout and the bent portion to activate the safety switch is removed from the new part.

Two tap holes are made.

Newly registered part

A "V" cut is made, with a tap hole next to the "V" cut.

Newly registered part →

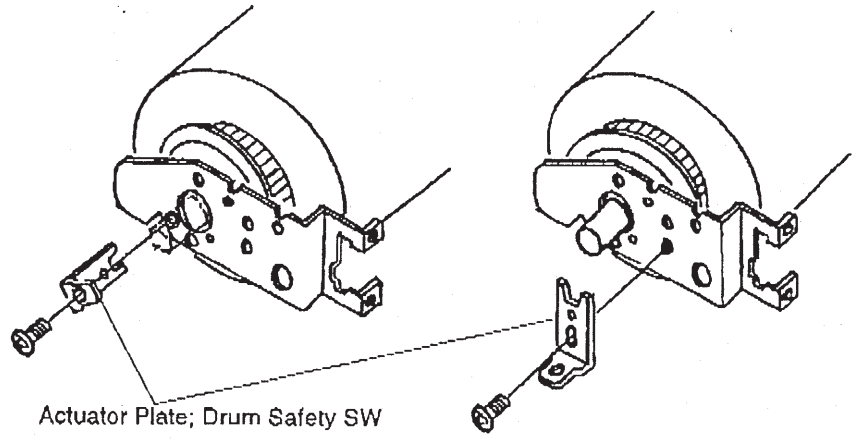


020-12455-006
Actuator Plate; Drum Safety SW

- continued from page 1-

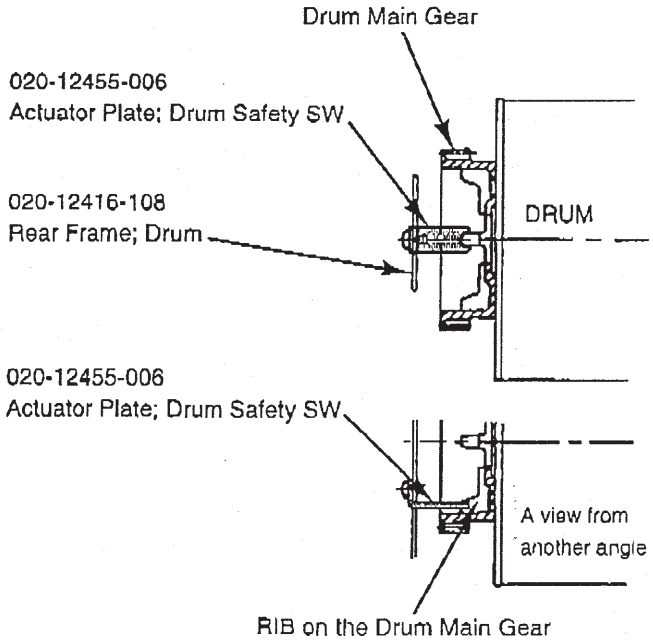
DURING MACHINE SHIPMENT

DURING NORMAL PRINTING OPERATION



[Follow the procedure when you install the machine]

1. Slide the Drum unit out from the machine.
2. Remove the Actuator Plate; Drum Safety SW as shown above figure "During Machine Shipment".
3. Put the Actuator Plate; Drum Safety SW onto the Drum Frame as shown above figure "During Nomal Printing Operation".
4. Put the Drum unit back into the machine.

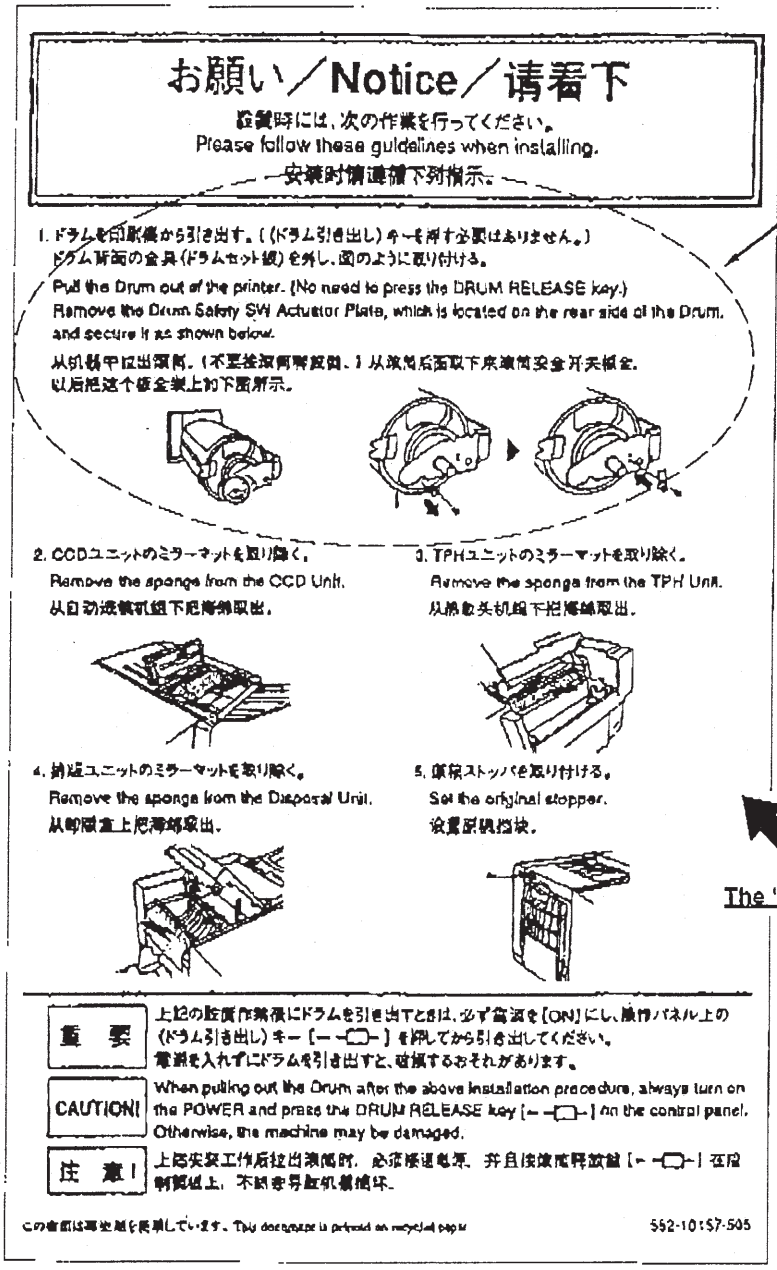


When CR machine is shipped:
During the shipment of the machine from Japan, "020-12455-006 Actuator Plate; Drum Safety SW" is attached onto the drum rear frame in the position as shown on the left drawing.
The forked end of the actuator plate is locked on the rib of the drum main gear to prevent the drum from rotating within the machine.
Since the actuator plate is not attached in the position to press the drum safety switch, the machine will not run without changing the position of the actuator plate.

A "NOTICE" sheet is included within the box of the machine.
The "NOTICE" sheet gives the instruction to the person, who installs the machine, where to position the actuator plate.
Refer to page #3 of this bulletin for the copy of the "NOTICE" sheet.

When Inkless Drum is shipped:
The inkless drum has the actuator plate already attached in the "Printing" position. The "NOTICE" sheet is not included in the inkless drum shipment.

- continued from page 2 -



お願い／Notice／请看下

設置時には、次の作業を行ってください。
Please follow these guidelines when installing.
安装时请遵循下列指示。

1. ドラムを印刷機から引き出す。(〔ドラム引き出し〕キーを押す必要はありません。)
ドラム背面の金具(ドラムセット板)を外し、図のように取り付ける。
Pull the Drum out of the printer. (No need to press the DRUM RELEASE key.)
Remove the Drum Safety SW Actuator Plate, which is located on the rear side of the Drum, and secure it as shown below.
从机器中拉出滚筒。(不要按滚筒释放键。) 从滚筒后面取下滚筒安全开关板金，以后把这个板金装上如下图所示。

2. CCDユニットのミラーマットを取り除く。
Remove the sponge from the CCD Unit.
从自动读稿机组下把海绵取出。

3. TPHユニットのミラーマットを取り除く。
Remove the sponge from the TPH Unit.
从热敏头机组下把海绵取出。

4. 排紙ユニットのミラーマットを取り除く。
Remove the sponge from the Disposal Unit.
从印版盒上把海绵取出。

5. 原稿ストッパを取り付ける。
Set the original stopper.
设置原稿挡块。

重 要 上記の設置作業後にドラムを引き出すときは、必ず電源を〔ON〕にし、操作パネル上の〈ドラム引き出し〉キー〔－◯－〕を押してから引き出してください。
電源を入れずにドラムを引き出すと、破損するおそれがあります。

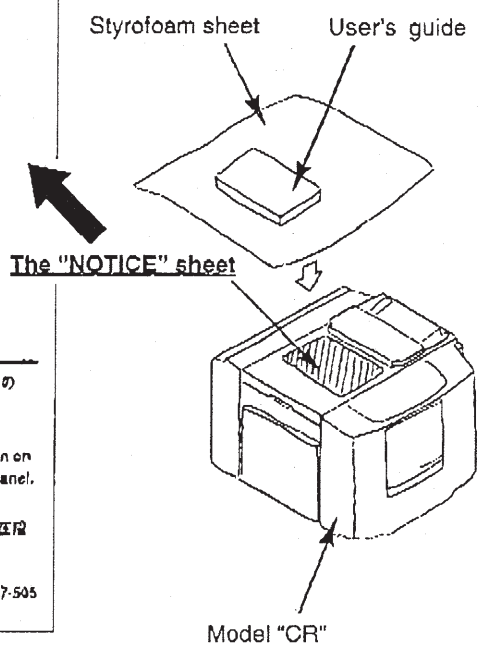
CAUTION! When pulling out the Drum after the above installation procedure, always turn on the POWER and press the DRUM RELEASE key [－◯－] on the control panel. Otherwise, the machine may be damaged.

注 意! 上述安装工作后拉出滚筒时，必须接通电源，并且按滚筒释放键〔－◯－〕在控制板上，不然会导致机器损坏。

この書類は環境紙を使用しています。This document is printed on recycled paper. 592-1015?-505

As mentioned on the previous page, a "NOTICE" sheet is included within the box of the machine.
Where circled on the left is the explanation on the positioning of the actuator plate.

The "NOTICE" sheet is included in each machine boxing. The sheet is located on top of the machine, under the styrofoam sheet, as shown on the sketch below.



Newly-registered part

020-12416-108	Rear Frame; Drum
020-12455-006	Actuator Plate; Drum Safety SW

Application Serial No.

CR1610 EP	81136332
CR1630 EP	81032131

DATE: AUGUST 1999	ISSUE NO. CR002 Our ref: CRT-005

MODEL: CR1630 & 1610

INFORMATION CATEGORY		ACTION REQUIRED	
FACTORY MODIFICATION	X	IMMEDIATE ACTION	
FIELD MODIFICATION		NEXT SERVICE CALL	
SAFETY INFORMATION		AS NECESSARY	
GENERAL INFORMATION		AT INSTALLATION	X

SUBJECT: 020-80020-700 System ROM "CRS/V2.03
020-15128-408 Master Tension Plate

Brief:

The System ROM of CR machines has been revised from version 2.02 to 2.03
The Master Tension Plate has been modified from 020-15128-308 to 020-15128-408.

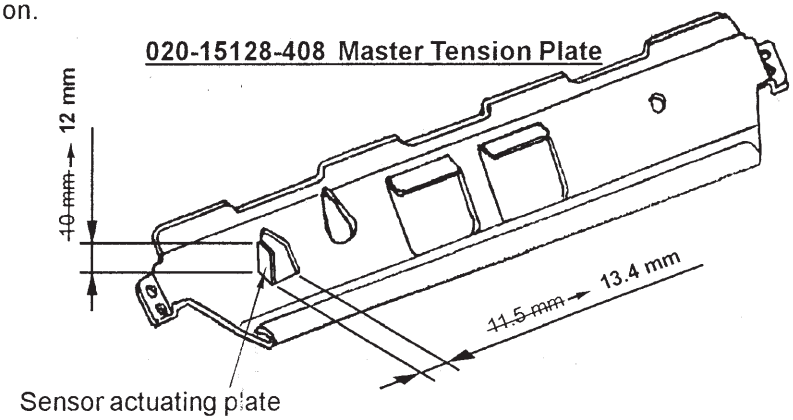
Revised Items:

-System ROM - CRS/V2.03

The Read Pulse Moter activation time (in the reverse direction) after the sensor detect the Master Tension Plate is extended from 10ms to 35ms.
This movement is on the process of lifting the Master Tension Plate to its home position after Master making process.

-Master Tension Plate

The sensor actuating plate on the Master Tension Plate is elongated 2mm longer than previous part. Please refer to the figure below. This part must be used with System ROM CRS/V2.03 or later version.



Reason:

The main reason of these revision is to prevent the error message "E-15".
To avoid mis-detection of the plate at its home position by the Master Tension Plate Sensor, the sensor actuating plate on the part is elongated. Due to revision of this part needs to revise the program, which explained on the above. This program revision enable the Master Tension Plate to ensure fully lock to its home position as well.

- continued from page 1-

NOTE: COMPATIBILITY

Previous Master Tension Plate + CRS/V2.02 or older	○
Previous Master Tension Plate + CRS/V2.03	○
New Master Tension Plate + CRS/V2.02 or older	×
New Master Tension Plate + CRS/V2.03	○

If the new Master Tension Plate is used with the Rom CRS/V2.02 or older, the machine does not work correctly. "E-15" would be appeared.

Newly-registered part

020-80020-700 **System ROM "CRS/V2.03"**

020-15128-408 **Master Tension Plate**

Application Serial No.

CR1610 EP 81133827

CR1630 EP 81031398

RISOGRAPH SERIES

TECHNICAL INFORMATION

RISO EUROPE TECHNICAL OPERATIONS DIVISION

DATE: February 1999	ISSUE NO. GR087 OUR REF: GRT-118

MODEL: All Models

INFORMATION CATEGORY		ACTION REQUIRED	
FACTORY MODIFICATION	☐	IMMEDIATE ACTION	☐
FIELD MODIFICATION	☐	NEXT SERVICE CALL	☐
SAFETY INFORMATION	☐	AS NECESSARY	☐
GENERAL INFORMATION	☒	AT INSTALLATION	☐

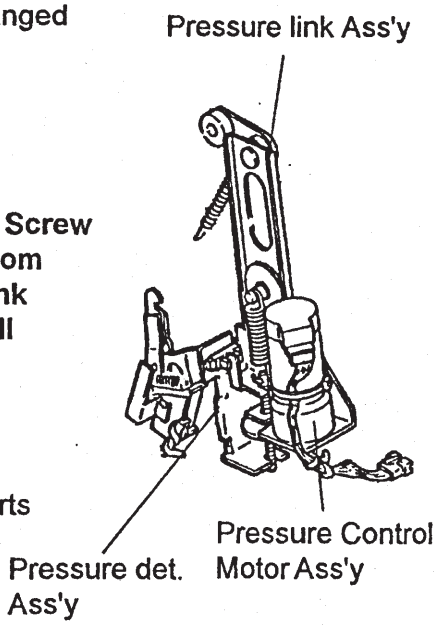
SUBJECT: MODIFICATION TO PREVENT T-11 ERROR

DESCRIPTION

The parts which are related to pressure regulation system (Pressure Link Ass'y, Pressure Det. Ass'y & Pressure Control Motor Ass'y) have been changed to help prevent Pressure Control Motor lock Problem (T-11 "Pressure Control Motor Lock") .

FIELD MODIFICATION

* **Modified parts are not compatible with present parts.**
  When replacing any existing related part with the modified one, other modified parts are must also be replaced with it.
* This modification is also adopted on the **RA models.**
* Adjustment of Standard Pressure Position has not been changed



Comparison list for present and modified parts.

1. Pressure Link Ass'y (B4,A4 ,L models)

	Present parts	New parts	
	017-91230-205	**017-91230-302**	**Pressure Link Ass'y**
A.	011-11245-009	**019-11245-007**	*** Gear II;Pressure Adj. Screw**
B.	017-11215-006	**019-11247-000**	*** Pressure Link II; Bottom**
C.	017-11225-001	**019-11251-007**	*** Spring II;Pressure Link**
D.	017-11227-004	**019-11250-000**	*** Pressure Adj. Screw II**
E.	607-70815-005	**607-71420-004**	*** Washer 14x20x0.8**

2. Pressure Link Ass'y (A3 models)

	019-91230-102	**019-91230-200**	**Pressure Link Ass'y**

The composed modified parts are the same as above listed parts of Pressure Link Ass'y (B4).

3. Pressure Control Motor

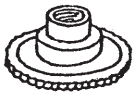
	017-91266-005	**017-91266-102**	**Pressure Control Motor Ass'y**
F.	011-11244-002	**019-11246-003**	*** Gear II;Pressure Control Motor**

4. Pressure Det. Ass'y

	017-91206-002	**017-91206-100**	**Pressure Det. Ass'y**
G.	017-11231-001	**019-11252-003**	*** Bracket A II; Pressure Control**
H.	017-11232-202	**019-11253-000**	*** Bracket B II; Pressure Control**

How to distinguish present parts and modified parts.

A. Gear;Pressure Adj. Screw
Inside diameter : Change from M6 to M10
Number of Teeth : Change 36 to 42



B. Pressure Link; Bottom
Color : Change Gold to Silver



C. Spring;Pressure Link
Color : Change Gold to Black



D. Pressure Adj. Screw
Diameter : Change M6 to M10



E. Washer 14x20x0.8
Inside diameter : Change to 14mm



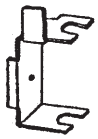
F. Gear;Pressure Control Motor
Number of Teeth : Change 18 to 14



G. Bracket A; Pressure Control
Shape of the bracket have been changed.
Part Number is indicated on the bracket.



H. Bracket B; Pressure Control
Shape of the bracket have been changed.
Part Number is indicated on the bracket.



Spare Part Supply

The modified parts are available as spare part for field maintenance.
The present parts are terminated except "011-11245-009 Gear;Pressure Adj. Screw", since this part is necessary for RC models.

Application Serial No.

1700-B/Pic.	88652494	1700-A/Pic.	88682907	1750-B/Pic.	88702340
1750-A/Pic.	88731796	2700-B/Pic.	89340108	2700-A/Pic.	89360183
2710-B/Pic.	89652476	2710-A/Pic.	89682540	2750-B/Pic.	89701707
2750-A/Pic.	89731983	3710-Pic.	99591151	3750-Pic.	99614396
3770-Pic.	99623985				

RISOGRAPH SERIES

TECHNICAL INFORMATION

RISO EUROPE TECHNICAL OPERATIONS DIVISION

DATE: June 1998	ISSUE NO. GR079 OUR REF: GRT-106

MODEL: GR2700,2710,2750,3710,3750

INFORMATION CATEGORY		ACTION REQUIRED	
FACTORY MODIFICATION	X	IMMEDIATE ACTION	
FIELD MODIFICATION		NEXT SERVICE CALL	
SAFETY INFORMATION		AS NECESSARY	
GENERAL INFORMATION	X	AT INSTALLATION	

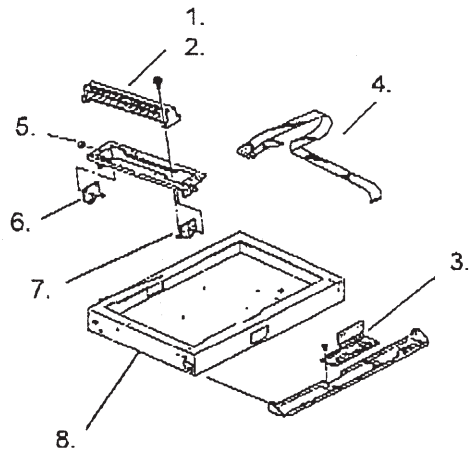
SUBJECT: MODIFICATION OF "FB SCANNER AREA"

DESCRIPTION

* For improved protection from electromagnetic interference, the design of the scanner holder area has been changed on picture panel models, as described on the next page.
* Due to the change of connector on the Image Scanner and Flat Bed PCB, parts have been changed in the Scanner area as described below.

The following parts have been changed for all models.

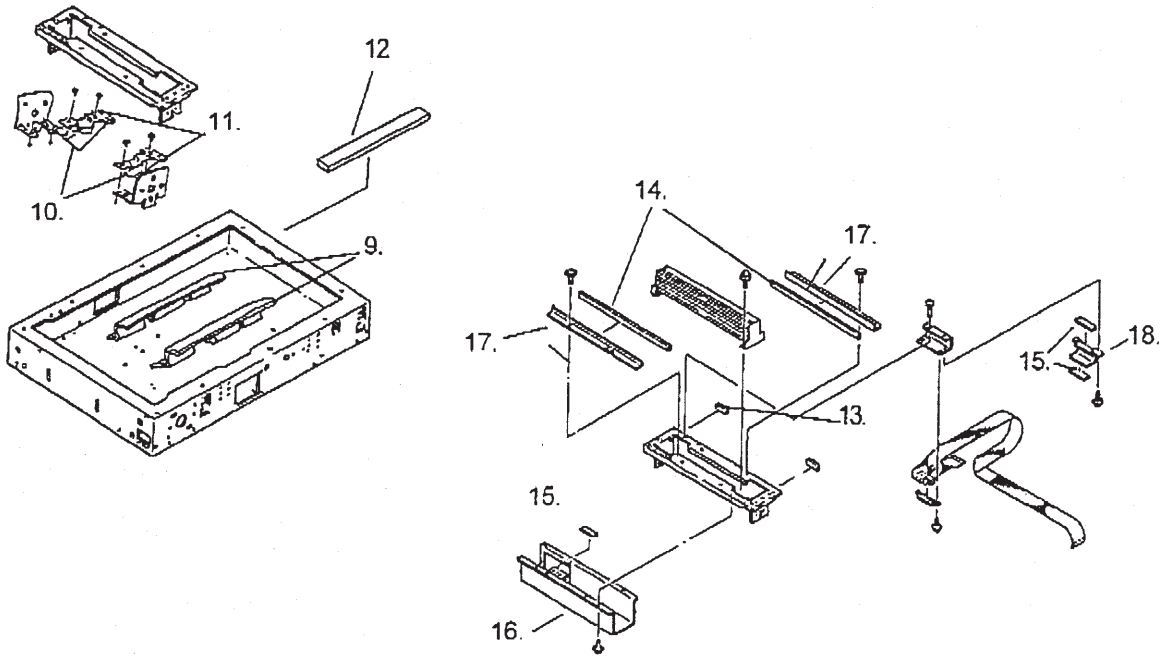
Present Parts	New Parts (Last 3 digits)		Compatibility
1. 018-60023-004 -	101	Image Scanner 301-CE	Not compatible
2. 019-60018-008 -	105	Image Scanner 401-CE	Not compatible
3. 019-96051-001 -	109	Flat Bed PCB 2	Not compatible
4. 019-55075-109 -	019-55103-005		Not compatible
4. 019-55102-009 -		Image Flexible Wire;CE3	
5. 600-06172-108 -	205	Bearing;DDR-1760x2ZZR454	*Conditionally compatible
6. 018-16002-105 -	202	Scanner Holder (F)	*Conditionally compatible
7. 018-16003-209 -	306	Scanner Holder (R)	*Conditionally compatible
8. 019-36050-103 -	200	Main Frame; FB-Scanner;CE	*Conditionally compatible



*Conditionally Compatible
(Present type of part can be used on the machines excluding the Picture panel models.)

The following parts were added (changed) on the Picture panel models.

9.	019-16019-005			Rail; FB-Scanner
10.	019-16020-003			Ground Spring; Scanner Holder
11.	019-16021-000			Base Plate; Ground Spring
12.	019-16018-009	-	106	Guide; Image Flexible Wire



The following parts were removed from the Picture panel models.

13.	481-30020-006	Gasket;30
14.	481-30002-008	Gasket;318
15.	481-30005-007	Gasket;40
16.	019-16014-003	Image Scanner Cover (Down);CE
17.	019-16013-007	Image Scanner Cover (Upper);CE
18.	019-16017-002	Wire Harness Stand II;CE

Application Serial No.

2700-B/Pic.	89340035	2750-B/Pic.	89701598
2700-A/Pic.	89360107	2750-A/Pic.	89731807
2710-B/Pic.	89652194	3710-Pic.	99590691
2710-A/Pic.	89682382	3750-Pic.	99613451

TR RISOGRAPH SERIES
TECHNICAL INFORMATION
RISO EUROPE TECHNICAL OPERATIONS DIVISION

DATE: AUGUST 1999	ISSUE NO. TR034 Our ref: TRT-042

MODEL: TR 1510 & 1530

INFORMATION CATEGORY		ACTION REQUIRED	
FACTORY MODIFICATION	☐	IMMEDIATE ACTION	☐
FIELD MODIFICATION	☐	NEXT SERVICE CALL	☐
SAFETY INFORMATION	☐	AS NECESSARY	X
GENERAL INFORMATION	X	AT INSTALLATION	☐

SUBJECT: 020-11301-200 Main Gear
650-35200-007 Spring Pin; Main Gear

Brief:
Above two parts are registered as spare parts.

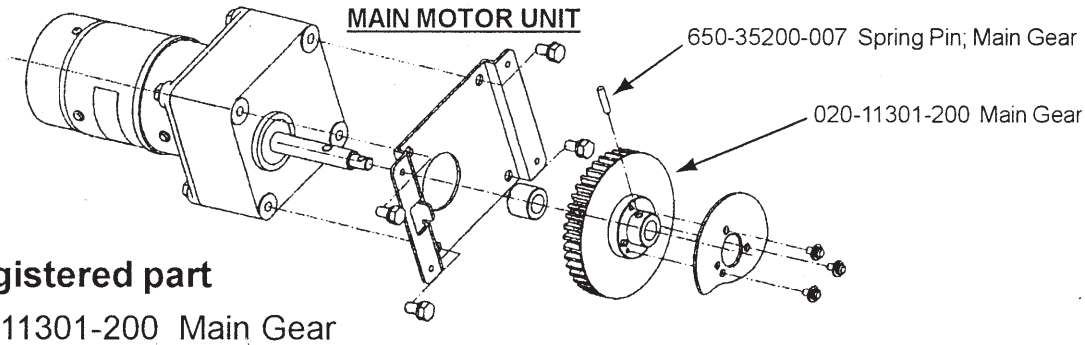
Reason:
There were requests from the field for these two parts to be registered as spare parts.

1. There were incidents in the past, in which the Main Gear needed to be changed. The only way in the past was to purchase the whole main motor unit.
2. There were another incident in the past, in which the Spring Pin became loose from the Main Gear. As with the other case, the whole main motor had to be replaced.

Note: When the Spring Pin becomes loose on the Main Gear, the hole for the spring pin on the main gear has usually become enlarged.
Therefore, when the spring pin is loose, it is best that both the Spring Pin and the Main Gear be replaced at the same time.

Important:
1. When forcing the Spring Pin into the Main Gear and the shaft of the Main Motor, make sure to rest both the main motor and the motor shaft on some solid object, so that the motor shaft does not bend when the Spring Pin is forced into the Main Gear and the motor shaft.
2. Apply ***plenty of grease*** on the teeth of both the Main Gear and Intermediate Gear when replacing either of these two gears.

Additional information: A modification is planned in the future on the Main Gear and the Spring Pin to prevent the spring pin from becoming loose on the Main Gear.
The exact time for this modification is not known at this moment.



Newly-registered part
020-11301-200 Main Gear
650-35200-007 Spring Pin; Main Gear