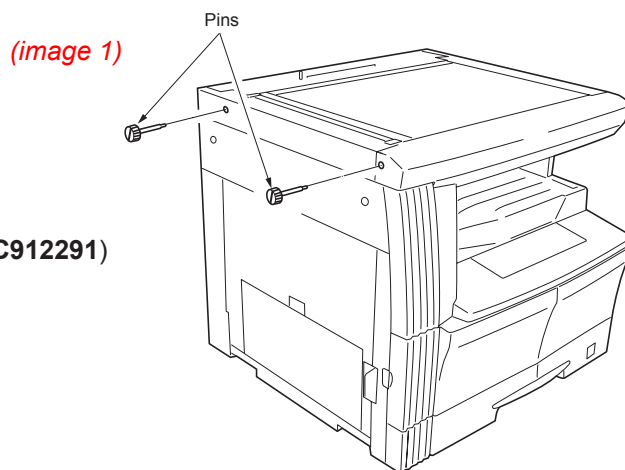


SB Number:	SB 2C9-022	Creation Date: 12/08/2005
Subject:	Scanner wire displacement prevention, Service manual correction	
Model:	KM-1620, KM-2020, KM-1650, KM-2050, KM-2550	

Phenomenon

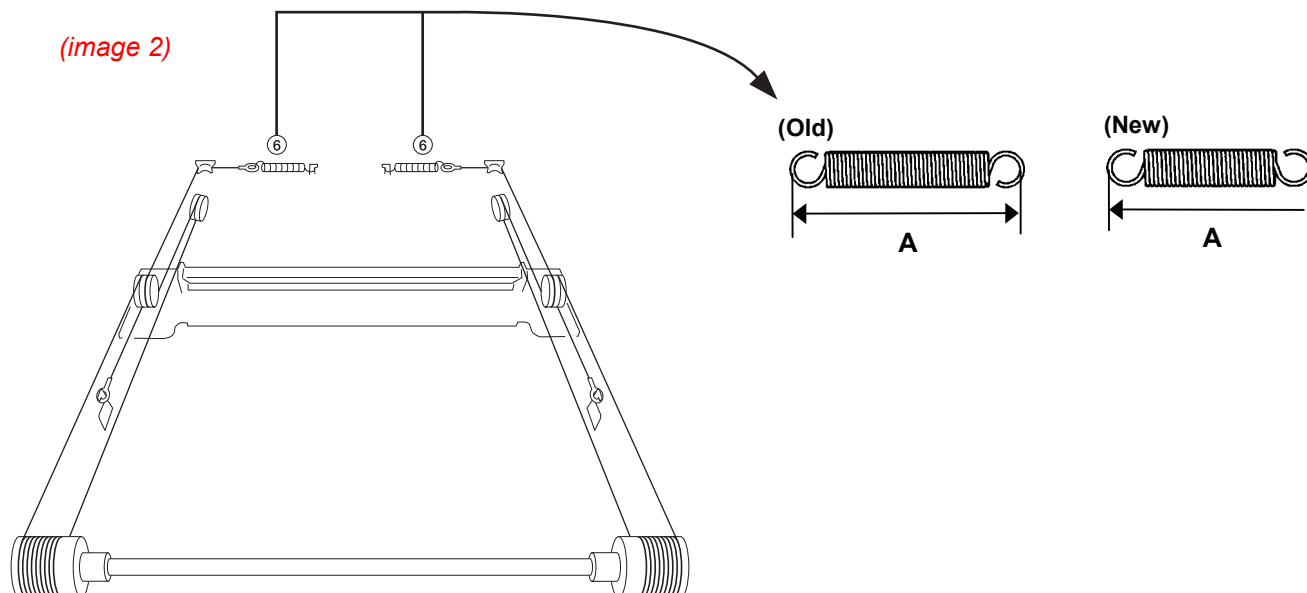
If, after setup, a strong shock is given when the machine is moved or transported without fixing the scanner moving frame using the scanner fixation pins (image 1), there is a possibility that the front-/rear scanner wire will slide off. If the machine is used in these conditions there is a chance the front-/ rear scanner wires will come off of the pulley completely. To prevent such events the following change has been made. (If the scanner wire comes off, service call (C3100, C3200) is displayed).



Countermeasure

To prevent the scanner wire from loosening, increase the tension of the scanner wire by using new springs (P/N: 2C912291) to replace the old (P/N: 2C912290) (image 2).

	Tensile force	Whole length (A)
Old	850 gf	49.9 mm
New	1500 gf	41.3 mm



No.	Old Parts No.	New Parts No.	Description	Q'ty		Interchangeability		SP
				Old	New			
1	2C912290	302C912291 2C912291	SPRING SCANNER TENSION	2	2	X	O	O

Field measure

If the problem arises please replace both front- and backside Spring Scanner Tension with new parts (P/N: 2C912291)

Affected Machine Serial Numbers:**KM-1620:** H3147507 and higher**KM-2550:** A3025164 and higher**KM-2050:** J3035090 and higher**KM-1650:** K3033526 and higher**KM-2020:** V3028490 and higher**Service manual correction:**

An error was detected in the service manual for the abovementioned machines. In section 1-6-3 "Optical Section" of chapter 1-6 "Assembly and Disassembly". Please correct the error as follows.

- 1-6. Assembly and Disassembly**
- 1-6-3. Optical section**
- (2) Detaching and refitting scanner wires**
- (2-2) Fitting the scanner wires**

Caution:

When fitting the wires, be sure to use those specified below.

Machine front: P/N 2C91236 (gray)

Machine rear: P/N 2C91235 (black)

Fitting requires the following tools:

Two frame securing tools (P/N 2AV6808) →

Two scanner wire stoppers (P/N 3596811)

OLD: 2AV6808 NEW: 302C968310

Procedure

1. Remove the screw and then scanner wire drum gear at the machine rear side.

Field measure:

When fitting the scanner wires, please use Mirror Frame Retaining SP (P/N: 302C968310).

