

Service Bulletin

SB Number:	SB 2AV-026	Issue Date: 31/01/2002
Subject:	Unusual noise from 'Power Source PCB'	
Model:	KM-1530 / 2030, KM-1525	

Phenomenon

An unusual noise (buzzing noise) may be heard from the power source section when fixing heater lights up.

Cause

Some coils may have a small opening between the bobbin (the windings of the coil) and the center core of the coil. The center core may deform due to magnetic influences from the coil and may start to vibrate. As a result, the unusual noise arises.

Countermeasure

1. The 'COIL PCB' causing the unusual noise has been discontinued.
2. The 'POWER SOURCE PCB' has been modified.
3. In compliance with the discontinuance of No.1, the 'WIRE, COIL (200)' and the 'SPACER, KGLS-8RF (KITAGAWA)' that support the 'COIL PCB' have also been discontinued.
4. In compliance with the discontinuance of No.1, the length of the 'WIRE, POWER SOURCE PRIMARY (200)' has been adjusted.

See page 2 and later for more details.

Field Measure

If the phenomenon arises, please replace No. 1 and 2. at the same time.
Part No. 3, 4 and 5 have been discontinued.

Parts Table

Item No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new	Interchangeability	Note
1	2AV93161	2AV93162	PARTS, PCB POWER SOURCE 200 (SP)	1 / 1	O / O	
2	2AV27391	2AV27011	WIRE, POWER SOURCE PRIMARY	1 / 1	X / O	*1.
3	2AV28090	---	COIL PCB	1 / -	X / -	
4	2AV27380	---	WIRE, COIL (200)	1 / -	X / -	
5	M2108700	---	SPACER, KGLS-8RF (KITAGAWA)	4 / -	O / -	

*1. Old description of No.2 = 'WIRE, POWER SOURCE PRIMARY (200)'

Affected Machine Serial Numbers:

KM-1530: 37029285 and later
KM-2030: 37026716 and later
KM-1525: 37004494 and later

Service Bulletin

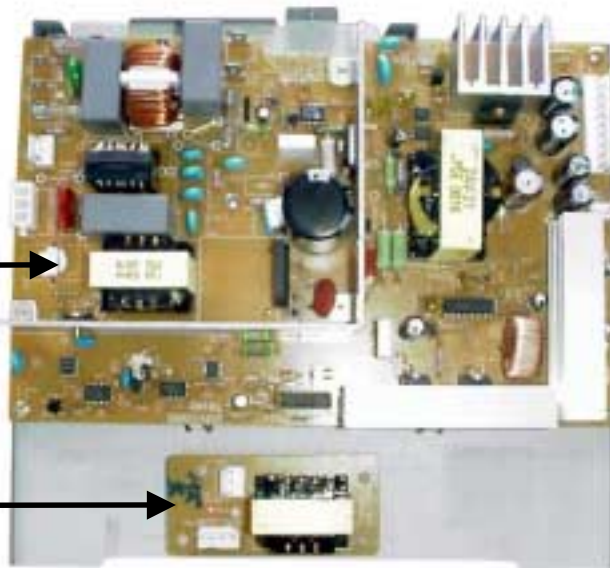
Modification history of 'POWER SOURCE PCB'

- L1: Change of supplier
- L2: Change of part number by supplier
- L6: Parts newly added
- C1: Change of capacity (1.5 → 1 μ F)
- C2: Change of capacity (1.5 → 1 μ F)
- C16: Change of capacity (100 → 330PF)
- C51: Parts newly added (220PF)
- R11: Change of resistor (22 → 6.8 Ω)

Before modification

Jumper wire

'COIL PCB' (discontinued)



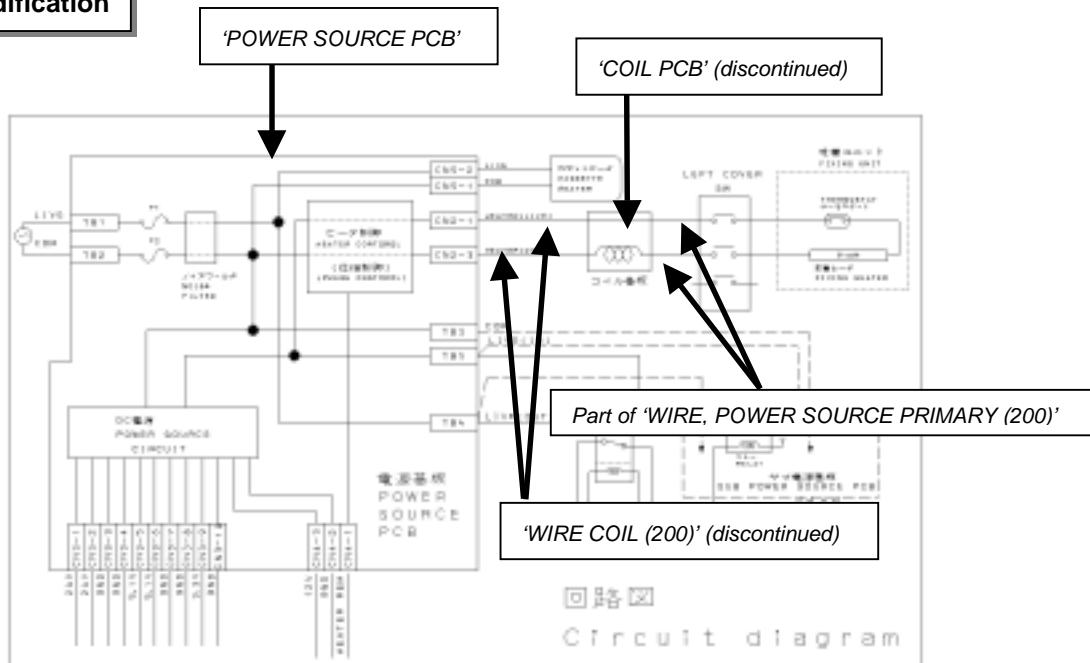
After modification

Coil (L6) added.



Service Bulletin

Before modification



After modification

