

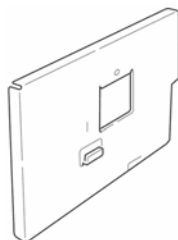
<b>SB Number:</b>	<b>SB 2C9-003</b>	<b>Creation Date: 15/12/2003</b>
<b>Subject:</b>	Attachment parts needed for installation key counter	
<b>Model:</b>	<b>KM-1620</b>	

Please be informed that when installing the 'key counter' to the KM-1620, the following separate parts for installation to the KM-1620 are required. These parts are mentioned in the KM-1620 Service Manual, but different parts are mentioned in the Parts List (version issued in July 2003). Please refer to the correct info as follows.

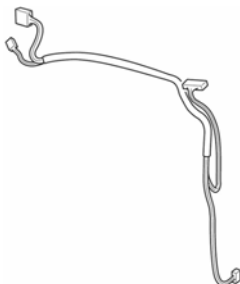
## Key counter:

'MOUNT KEY COUNTER'	(P/N: 2C960100)
'WIRE KEY COUNTER'	(P/N: 2C960110)
'ROUND HEAD SCREW M4X35'	(P/N: B0004350)

'MOUNT KEY COUNTER'



'WIRE KEY COUNTER'



'ROUND HEAD SCREW M4X35'



No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	-----	2C960100	MOUNT KEY COUNTER	-	1	-	O
2	-----	2C960110	WIRE KEY COUNTER	-	1	-	O
3	-----	B0004350	ROUND HEAD SCREW M4X35	-	1	-	O

### 1-3-7 Installing the key counter (option)

Key counter installation requires the following parts:

- Key counter cover (P/N 2A360010)
- Key counter retainer (P/N 66060030)
- ( → ) • Key counter mount (P/N 66060040)
- Key counter assembly (P/N 41529210)
- Four (4) M4 × 6 bronze TP-A screws (P/N B4304060)
- One (1) M4 × 35 round head screw (P/N B0004350)
- NEW** • Two (2) M3 × 6 bronze flat-head screws (P/N B2303060)
- NEW** • One (1) M3 bronze nut (P/N C2303000)
- NEW** • Key counter mounting plate (P/N 2C960100)
- Key counter wire (P/N 2C960110)

#### Procedure

1. Fit the key counter socket assembly to the key counter retainer using the two screws and nut.
2. Fit the key counter mount to the key counter cover using the two screws, and attach the key counter retainer to the mount using the two screws.

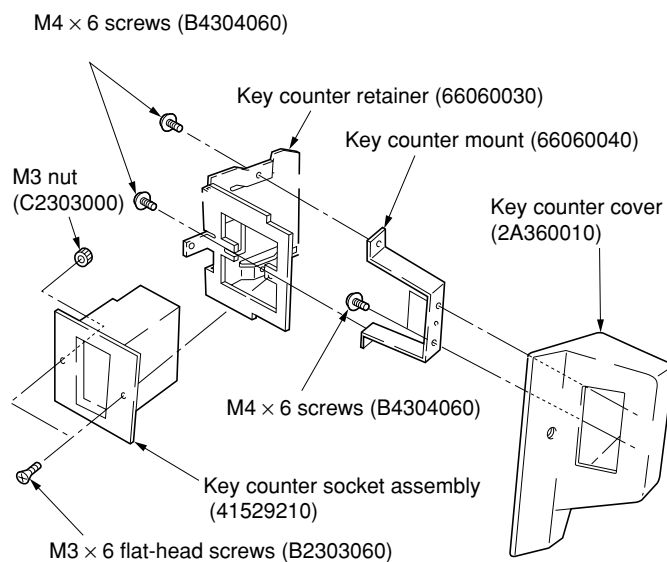
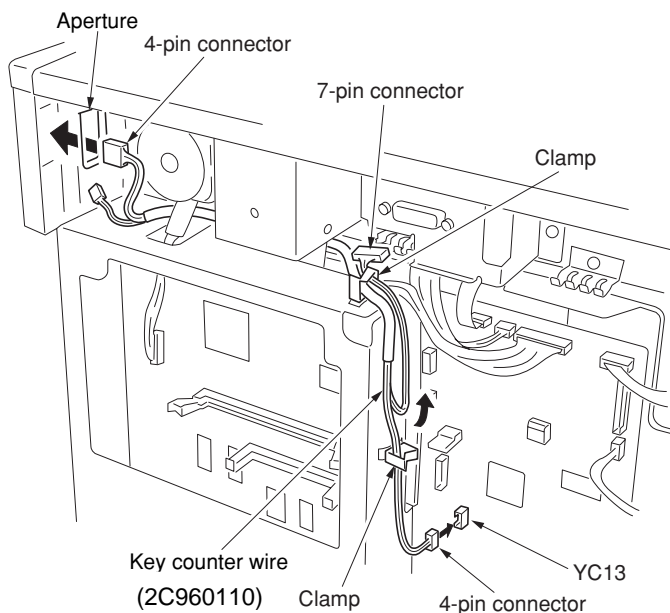


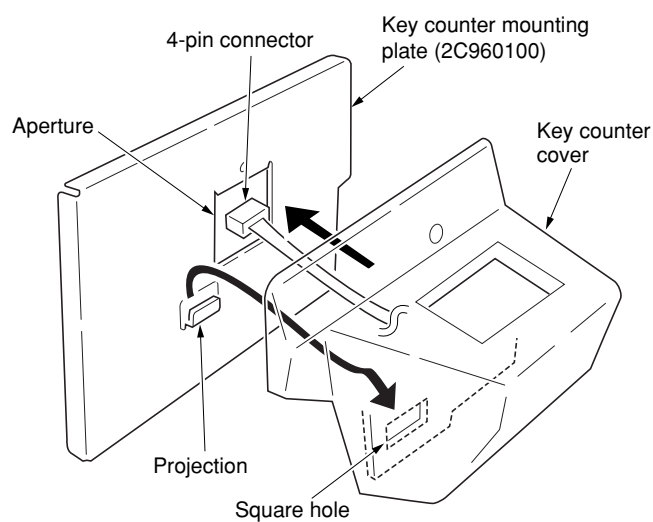
Figure 1-3-31

3. Remove the rear cover.
4. Cut out the aperture plate on the right cover using nippers.
5. Connect the 4-pin connector of the key counter wire (located at a longer distance from the tube) to YC13 on the engine PCB, pass the wire through the two clamps, and pull the other 4-pin connector out from the aperture of the right cover.
  - \* Arrange the key counter wire behind the optical system wire as shown in the illustration.
6. Fold the 7-pin connector of the key counter wire back, pass the wire through the clamp at the upper part of the controller box, and hang it.



**Figure 1-3-32**

7. Pass the connector of the key counter through the aperture of the key counter mounting plate, and engage the projection of key counter mounting plate with the square hole of the key counter cover.



**Figure 1-3-33**

8. Connect the 4-pin connector of the key counter to the key counter wire.
9. Engage the projection of the key counter mounting plate with the aperture of the right cover.
10. Secure the key counter cover and the key counter mounting plate together with the copier using a M4 x 35 screw.
11. Refit the rear cover.

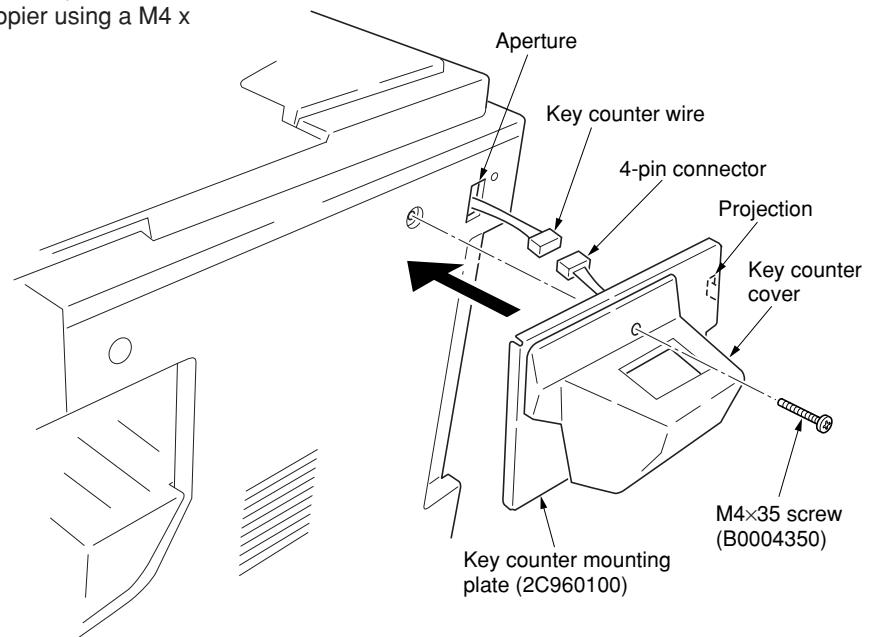


Figure 1-3-34

12. Insert the key counter into the key counter socket assembly.
13. Turn the main switch on and enter the maintenance mode.
14. Run maintenance item U204 and select "KEY-COUNTER."
15. Exit the maintenance mode.
16. Check that if the key counter is removed, "U1" is displayed in the copy quantity display.
17. Check that the counter counts up as copies are made.