

Reissued: 08-Feb-09

Model: Model CM-C2	Date: 24-Aug-07	No.: RG960001a
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RTB Reissue

The items in bold italics have been changed or added.

Subject: Firmware history (Local)		Prepared by: Y.Gaman	
From: Technical Services Sec., Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

This is to inform you of the firmware history for Model CM-C2.

Part Number	Version	Production
<i>G960106LA</i>	<i>1.06.01.00</i>	<i>February production 2009</i>
G960106L	1.06	1 st mass production

Descriptions of changes

Symptom Corrected, Other Changes	Version
<i>F/W for Local USB update:</i> <i>Fusing control modifications were made to this firmware to support the following new fusing units:</i> <i>-G9601600: 110V</i> <i>-G9601602: 220V</i> <i>Important: This version of System firmware and newer can be used with all fusing units. System firmware older than this version can only be used with fusing units older than the ones listed above.</i>	<i>1.06.01.00</i>
F/W for Local USB update: 1 st Mass production	1.06

Reissued: 08-Feb-09

Model: Model CM-C2	Date: 24-Aug-07	No.: RG960002a
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RTB Reissue

The items in bold italics have been changed or added.

Subject: Firmware history (Remote)		Prepared by: Y.Gaman	
From: Technical Services Sec., Service Planning Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input checked="" type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input checked="" type="checkbox"/> Tier 2

This is to inform you of the firmware history for Model CM-C2.

Part Number	Version	Production
<i>G960106RA</i>	<i>1.06.01.00</i>	<i>February production 2009</i>
G960106R	1.06	1 st mass production

Descriptions of changes

Symptom Corrected, Other Changes	Version
<i>F/W for remote update:</i> <i>Fusing control modifications were made to this firmware to support the following new fusing units:</i> <i>-G9601600: 110V</i> <i>-G9601602: 220V</i> <i>Important: This version of System firmware and newer can be used with all fusing units. System firmware older than this version can only be used with fusing units older than the ones listed above.</i>	<i>1.06.01.00</i>
F/W for remote update: 1 st mass production	1.06

Model: CM-C2		Date: 15-Jan-09	No.: RG960003
Subject: Service Manual Correction		Prepared by: Y.Gaman	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input checked="" type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Descriptions for New Toner Detection and Toner End Detection were added.

Section 6: Detailed Descriptions

Toner Cartridge

New Toner Detection

A new supply AIO cartridge has an ID chip. The machine knows a new cartridge has been installed when the chip gets detected. When the new cartridge is installed in the machine, the machine automatically detects by the chip that the cartridge is brand-new. Then the machine resets the total dot counter (TOTAL TONER COUNT) and CRU print counter (Cru Prints). And increments the counter for counting the number of CRU replaced (Replaced Toner Counts). Only the case when the "Replaced Toner Counts" was 0, the CRU currently installed is regarded as starter CRU. In this condition, threshold to detect toner end is shorter than that for supply CRU.

Toner End Detection

The machine does not have a toner end sensor. The machine checks the amount of toner with software. The machine counts and adds up black dots as toner consumption. For example, the following occurs when the machine prints 5% of black rate chart

- Starter cartridge: Approx. 4, 750, 000, 000 dots will be added.
- Supply cartridge: Approx. 7, 500, 000, 000 dots will be added.

When the total number of dots gets to a pre-programmed figure (as for toner near-end), the machine shows "TONER LOW". After another period of dots has been counted up, the machine finally shows "TONER EMPTY" (as for toner end), and the machine stops printing. You can check the total dot counts from the current cartridge in the System Data List in TECH mode.

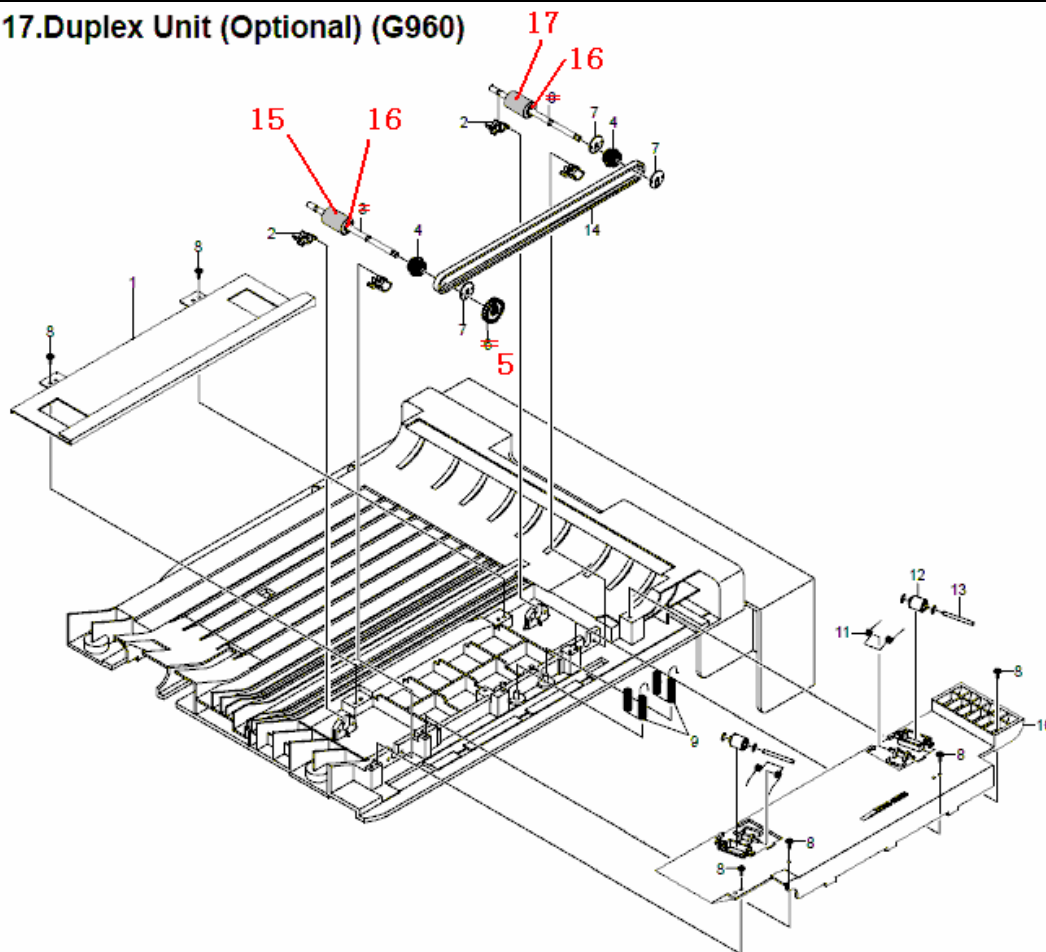
Model: CM-C2		Date: 07-Jul-09	No.: RG960004
Subject: DUPLEX FEED ROLLER (Duplex Unit)		Prepared by: Y. Gaman	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Change: The two assemblies in the table below (P/N G9601422 and G9601423) were each divided into two parts.

Reason: The parts vendor stopped supplying P/N G9601422 and G9601423 as assemblies.

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
G9601422	M3071032	DUPLEX FEED ROLLER	1	O/O	35	6→17	
	M3071033	C-RING	1			6→16	
G9601423	G9601604	DUPLEX FEED ROLLER	1	O/O		3→15	
	M3071033	C-RING	1			3→ 16	

17.Duplex Unit (Optional) (G960)



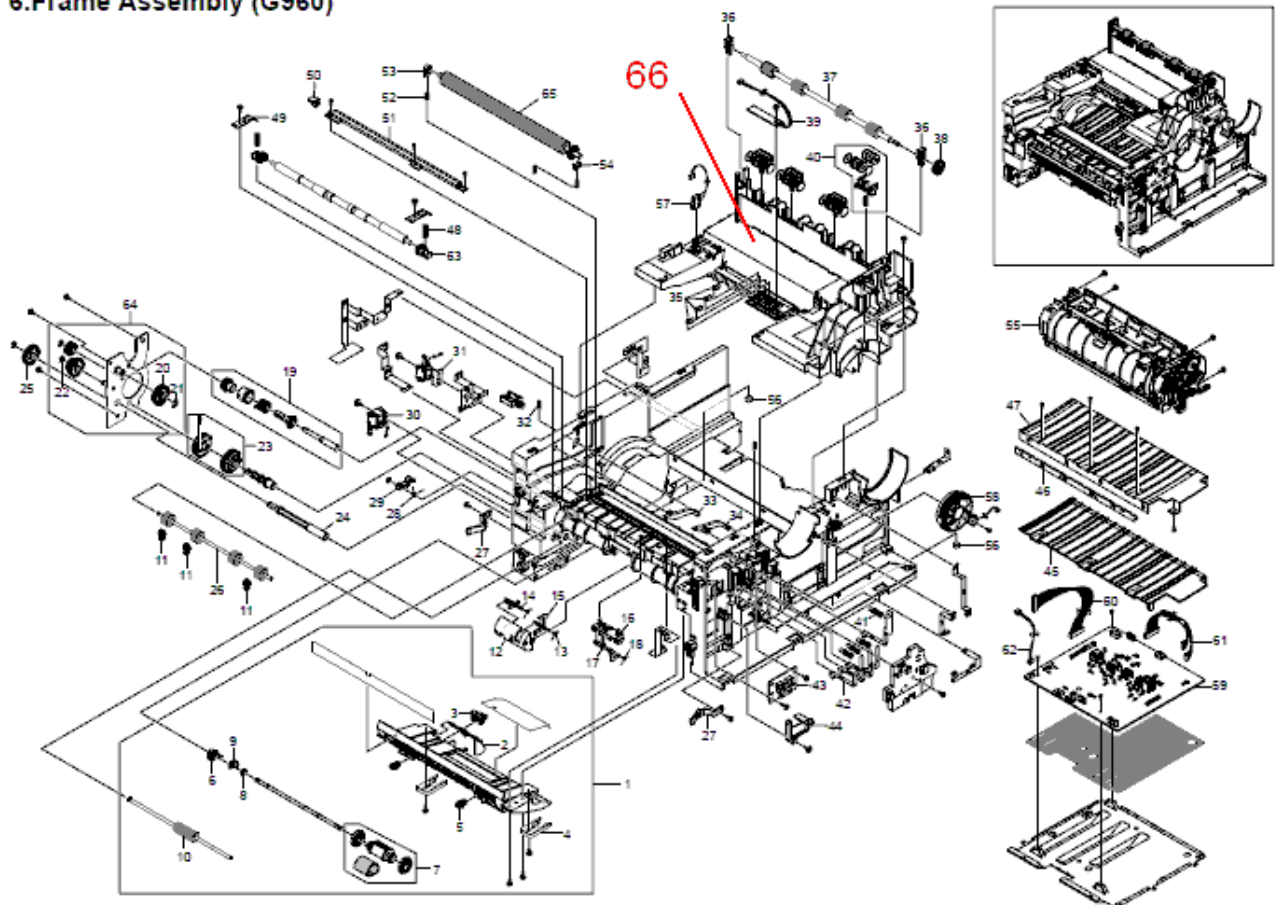
Model: CM-MF2		Date: 21-Dec-09	No.: RG960005
Subject: FRAME-M_EXIT (Frame Assembly)		Prepared by: Y. Gaman	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

New part number	Description	Q'ty	Int	Page	Index	Note
G9601258	FRAME-M_EXIT	1	-	13	66	

Change: This part was added.

Reason: Requests from the field.

6.Frame Assembly (G960)



Reissued: 03-Sep-10

Model: Model CM-C2	Date: 24-Aug-07	No.: RG960001b
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RTB Reissue

The items in bold italics have been changed or added.

Subject: Firmware history (Local)		Prepared by: K.Nakano	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

This is to inform you of the firmware history for Model CM-C2.

Part Number	Version	Production
<i>G960106LB</i>	<i>1.06.05.00</i>	-
G960106LA	1.06.01.00	February production 2009
G960106L	1.06	1 st mass production

Descriptions of changes

Symptom Corrected, Other Changes	Version
<i>Symptom corrected:</i> <i>(No.2 through No.5 are for the SY-P1 issues, and those countermeasures were applied to CM-C2 just in case.)</i> <i>1. "Install Toner" message appears intermittently even though the toner cartridge is installed correctly.</i> <i>2. IP address issue in Super Netting(CIDR) environment.</i> <i>3. Wrong information about Mac address got through MIB information.</i> <i>4. Barcode image of 2nd page becomes gray-colored.</i> <i>5. SNMP security issue</i> <i>Other changes:</i> <i>1. Tray source selection option does not appear in Web UI</i> <i>2. Delete Jscribe strings not to be used</i> <i>3. Added general PDF fuction. ("Direct copy" is available for PDF files stored in USB memory even if they are created via any applications)</i> <i>*Note: The previous firmware can copy PDF files stored in USB memory if they are created only via "Scan to USB" function.</i>	<i>1.06.05.00</i>
F/W for Local USB update: Fusing control modifications were made to this firmware to support the following new fusing units: - G9601600: 110V - G9601602: 220V Important: This version of System firmware and newer can be used with all fusing units. System firmware older than this version can only be used with fusing units older than the ones listed above.	1.06.01.00
F/W for Local USB update: 1 st Mass production	1.06

Reissued: 03-Sep-10

Model: Model CM-C2	Date: 24-Aug-07	No.: RG960002b
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RTB Reissue

The items in bold italics have been changed or added.

Subject: Firmware history (Remote)		Prepared by: K.Nakano	
From: 2nd Overseas Tech Support Sec., 2nd PQM Dept.			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

This is to inform you of the firmware history for Model CM-C2.

Part Number	Version	Production
G960106RB	1.06.05.00	-
G960106RA	1.06.01.00	February production 2009
G960106R	1.06	1 st mass production

Descriptions of changes

Symptom Corrected, Other Changes	Version
Symptom corrected: (No.2 through No.5 are for the SY-P1 issues, and those countermeasures were applied to CM-C2 for just in case.) 1. "Install Toner" message appears intermittently even though the toner cartridge is installed correctly. 2. IP address issue in Super Netting(CIDR) environment. 3. Wrong information about Mac address got through MIB information. 4. Barcode image of 2nd page becomes gray-colored. 5. SNMP security issue Other changes: 1. Tray source selection option does not appear in Web UI 2. Delete Jscribe strings not to be used 3. Added general PDF fuction. ("Direct copy" is available for PDF files stored in USB memory even if they are created via any applications) *Note: The previous firmware can copy PDF files stored in USB memory if they are created only via "Scan to USB" function.	1.06.05.00
F/W for remote update: Fusing control modifications were made to this firmware to support the following new fusing units: -G9601600: 110V -G9601602: 220V Important: This version of System firmware and newer can be used with all fusing units. System firmware older than this version can only be used with fusing units older than the ones listed above.	1.06.01.00
F/W for remote update: 1 st mass production	1.06

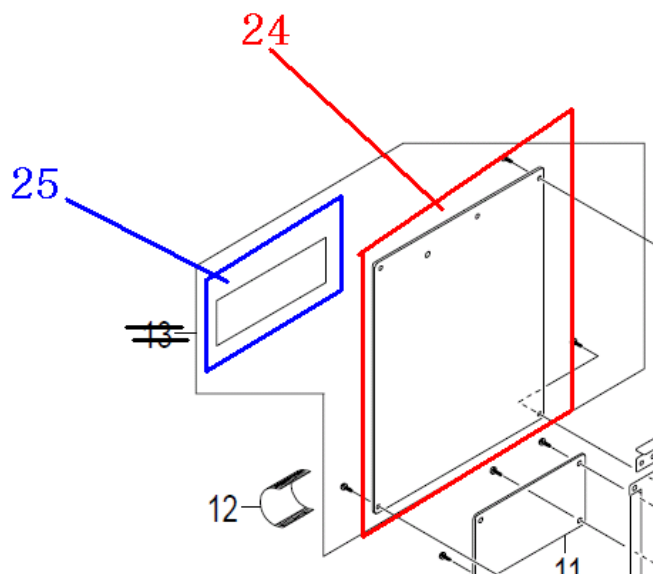
Model:CM-C2		Date: 14-Jan-11	No.: RG960006
Subject: Parts Catalog Correction (Main Board)		Prepared by: K. Nakano	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Change

The main board assembly is divided into two separate parts as follows:

Old part #	New Part #	Description	Q'ty	Int	Page	Index	Note
G9601375	G9601454	Main Board	1	O/O	3	13→24	
	G9601460	SDRAM	1	O/O	3	25	

1.Main Exploded Views (G960)



Note

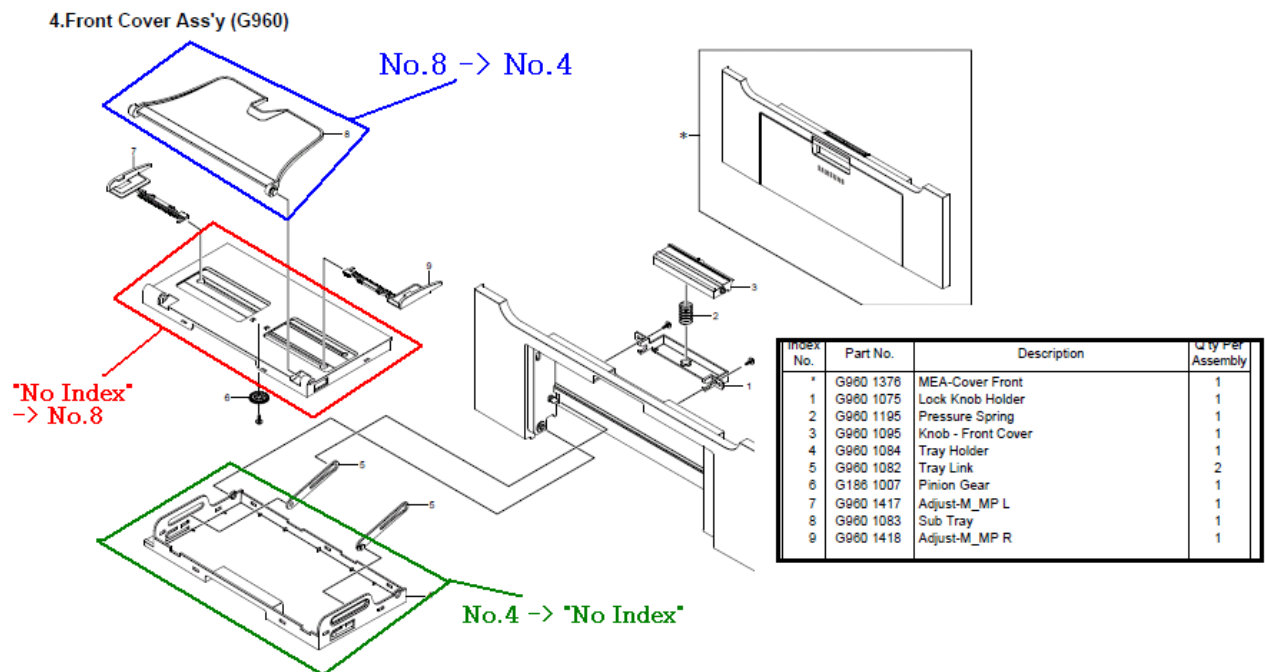
This change information is related to the Modification Bulletin, MG960003.

Model: CM-C2		Date: 28-Feb-11	No.: RG960007
Subject: Parts Catalog Correction		Prepared by: K. Nakano	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Other ()	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier2

Change:

The indices of the following parts are corrected.

Page 8 of Parts Catalog:



Model: CM-C2		Date: 11-Apr-11	No.: RG960008
Subject: Parts Catalog Correction		Prepared by: K. Nakano	
From: 2nd Overseas Tech Support Sec. 2nd PQM Dept			
Classification:	<input type="checkbox"/> Troubleshooting <input type="checkbox"/> Mechanical <input type="checkbox"/> Paper path <input type="checkbox"/> Product Safety	<input checked="" type="checkbox"/> Part information <input type="checkbox"/> Electrical <input type="checkbox"/> Transmit/receive <input type="checkbox"/> Other ()	<input type="checkbox"/> Action required <input type="checkbox"/> Service manual revision <input type="checkbox"/> Retrofit information <input type="checkbox"/> Tier 2

Change:

The Friction Pad assembly is divided into two separate parts as follows:

Old part #	New Part #	Description	Q'ty	Int	Page	Index	Note
G9601177	G9601609	Friction Pad	1	O/O	31	15	
	M0001043	Pad Holder	1	O/O	31	16	

Reason:

The parts vendor cannot supply the parts as an assembly.

Parts Catalog on page 30:

