

# PIXUS 900PD i900D / i905D PARTS CATALOG

REVISION 0

8568A001AA	120V(US)
8568A002AA	120V(CA)
8568A003AA	120V(LAM LVT)
8568A004AA	220V-240V(LAM HVT)
8568A005AA	220V-240V(EUR)
8568A006AA	220V-240V(DE)
8568A007AA	220V-240V(FR)
8568A008AA	220V-240V(ASA HVT)
8568A009AA	220V-240V(AU)
8568A010AA	220V-240V(KR)
8568A011AA	220V-240V(GB)
8568A012AA	100V(JP)
8568A013AA	120V(TW)
8568A014AA	220V-240V(HK)
8568A015AA	220V-240V(CN)

## Canon

SEPT. 2003

## QY8-31BX-000

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**PIXUS 900PD  
i900D / i905D  
PARTS  
CATALOG**

**Canon**

## Application

This manual has been issued by Canon Inc. for qualified person to learn technical theory, installation, maintenance, and repair of products. This manual covers all localities where the products are sold. For this reason, there may be information in this manual that does not apply to your locality.

## Corrections

This manual could include technical inaccuracies or typographical errors due to improvements or changes in the products. When changes occur in applicable products or in the content of this manual, Canon will release technical information as the need arises. In the event of major changes in the contents of this manual over a long or short period, Canon will issue a new editions of this manual.

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CANON INC.

Inkjet Products Quality Assurance Div.

16-1, Shimonoge 3-chome, Takatsu-ku, Kawasaki-shi,  
Kanagawa 213-8512, Japan

## DTP System

This manual was produced on an Apple® Power Macintosh® G3 personal computer and Canon LBP-2030PS laser beam printer.

Parts layout pictures were taken using Canon Digital Camera EOS D30, and edited with Adobe® Photoshop® 5.0.

KEY No. and Logotypes were created using

MACROMEDIA® FreeHand® 8J.

Documents and page layouts were created using

QuarkXpress® 3.3J.

Parts lists were created using Helix Technologies® Herix Xpress® and converted to EPS files.

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- C. OPTIONS & CONSUMABLES
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## II. ABOUT THIS MANUAL

### A. ILLUSTRATION INDEX

For illustration index, the parts layout illustrations in this parts catalog are listed in abbreviated form in order of illustration number to identify the pages they appear on. To find an illustration of a part, see the ILLUSTRATION INDEX.

### B. PARTS LAYOUT & PARTS LIST

#### Parts layout illustration

##### a) Parts search

Find a part from the parts layout illustration and find its key number from the parts list to identify the part number and name. For screws, nuts, washers, lock washers, pins, spacers, see SCREWS & WASHERS LIST.

**Note:** If parts have the same or similar shape but different specifications, their key number is assigned to several part numbers and names in the parts list.

##### b) Parts replacement procedure

To replace parts, the parts layout illustrations have figure numbers according to the disassembly procedure of the product. The parts that require careful work are shown the illustration.

#### Parts list

##### a) FIGURE & KEY No.

The FIGURE & KEY No. column corresponds to the key numbers assigned to the parts in the parts layout illustration. It also corresponds to the part locations printed on the PC board.

##### b) PART NUMBER

The PART NUMBER column gives the part numbers corresponding to the key numbers. To order a part, indicate the part number clearly.

**Note:** Parts marked NPN are not service parts.

##### c) RANK

The service parts with N in the RANK column are order parts.

##### d) QTY

The QTY column gives the number of parts in the corresponding components layout illustration.

##### e) DESCRIPTION

The DESCRIPTION column gives the part names in English.

To order a part, indicate the part name, too.

### C. OPTIONS & CONSUMABLES

These are illustrations and a list of units that can be used as optional consumable equipments.

### D. SCREWS & WASHERS LIST

This is a list of screws, nuts, washers, lock washers, pins, and spacers. The QTY column does not give the number of parts used.

### E. TOOL LIST

This is a list of tools used for servicing products.

### F. NUMERICAL INDEX

All the parts listed in this parts catalog are arranged in order of part number. You can identify part locations and names from the NUMERICAL INDEX.

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# A. ILLUSTRATION INDEX

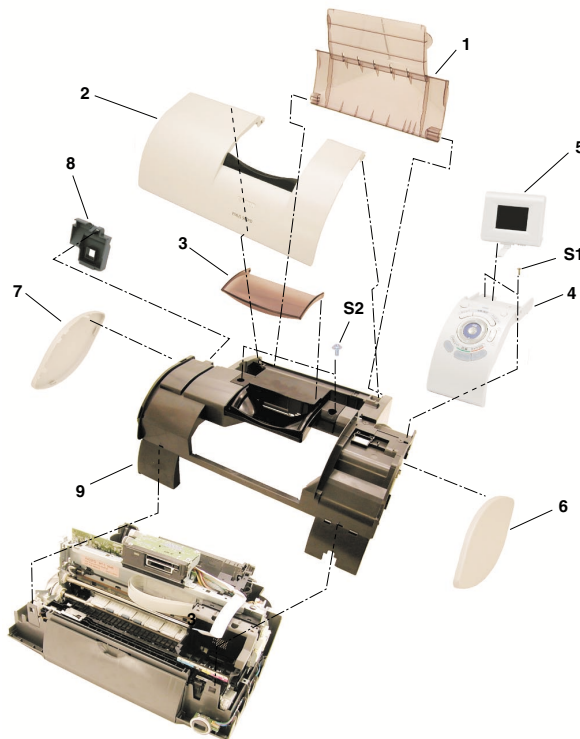
**FIGURE 1** PRINTER & PRINT HEAD

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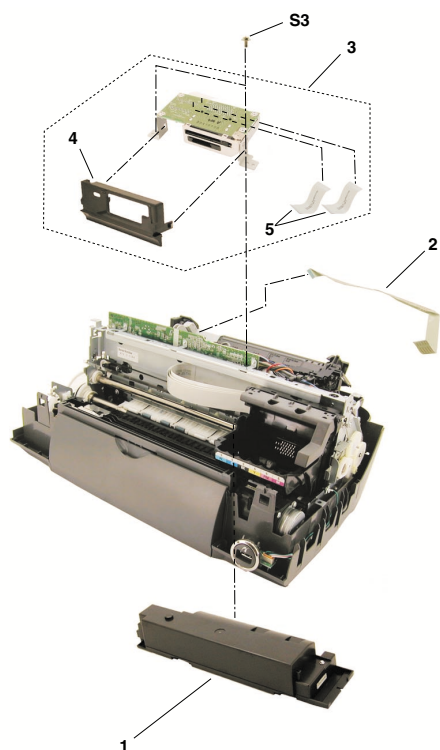
**FIGURE 2** OPERATION PANEL UNIT & UPPER COVER UNIT

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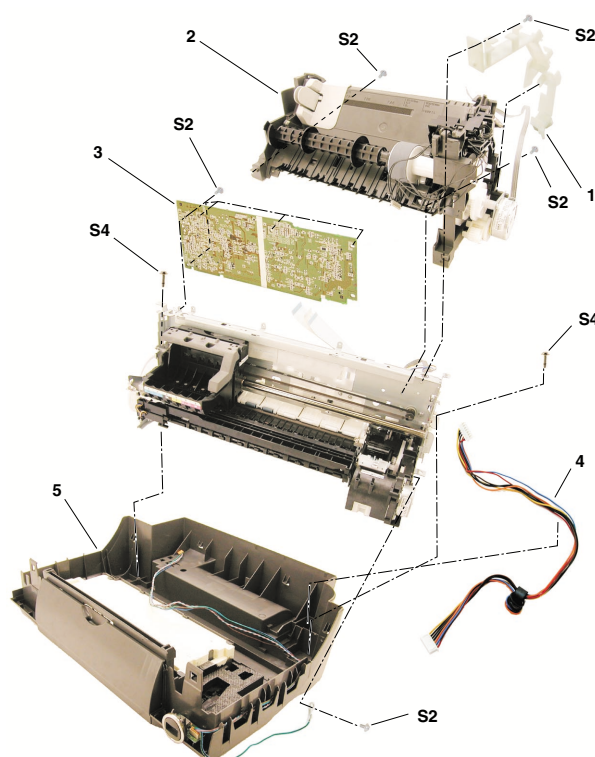
**FIGURE 3** AC ADAPTER & CARD SLOT UNIT

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**FIGURE 4** LOGIC BOARD & SHEET FEED UNIT & BOTTOM CASE UNIT

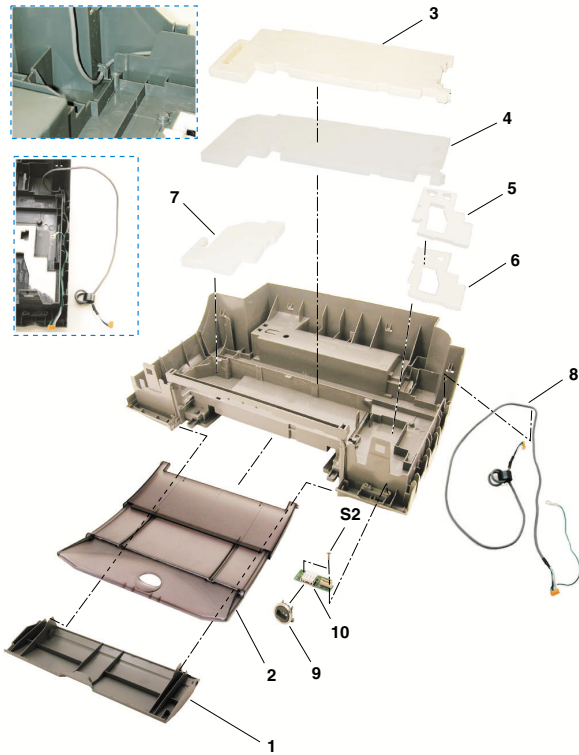
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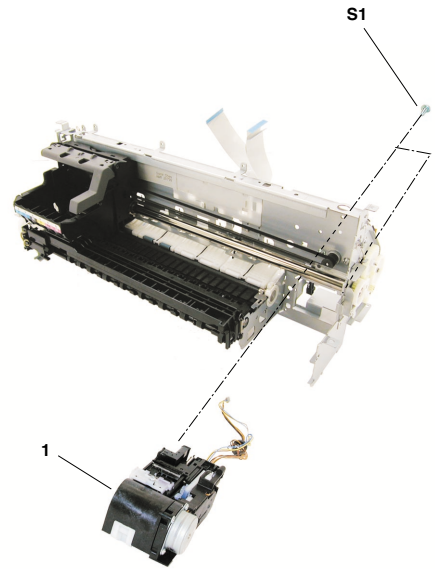
**FIGURE 5** OUTPUT TRAY & WASTE INK ABSORBER

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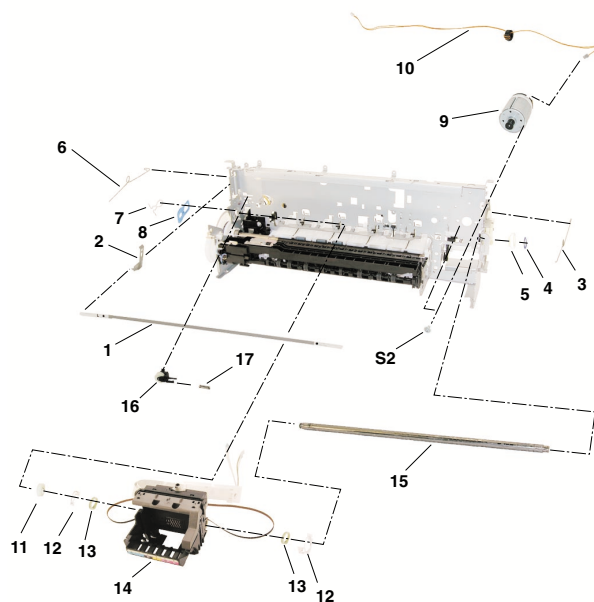
**FIGURE 6** PURGE UNIT

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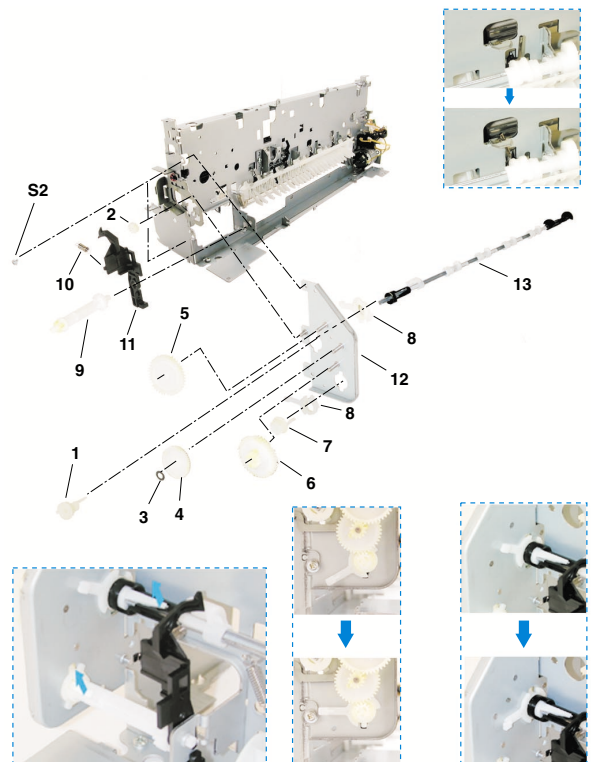
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**FIGURE 8** CARRIAGE LIFT PART

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<b>FIGURE 11</b> OPTION & CONSUMABLES	See Page C - 1	<b>FIGURE 12</b> TOOL	See Page E - 1

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## B. PARTS LAYOUT & PARTS LIST

FIGURE 1 PRINTER & PRINT HEAD

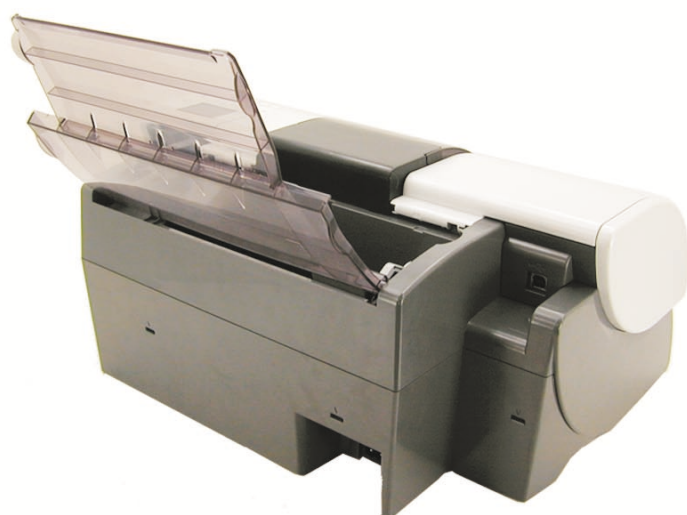
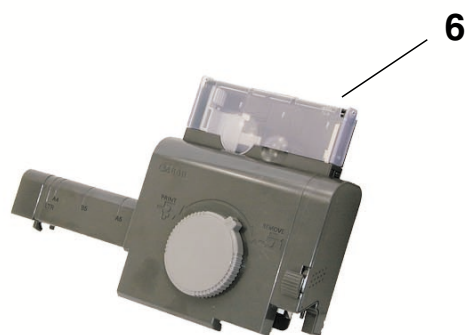
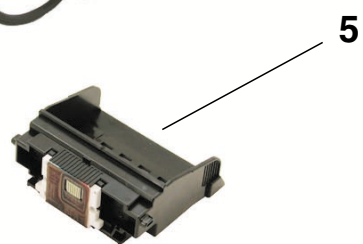
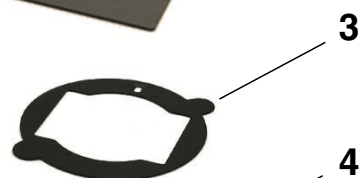
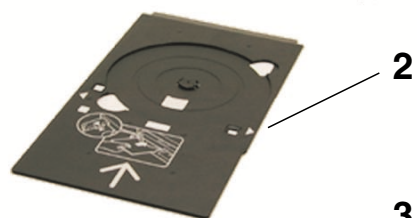
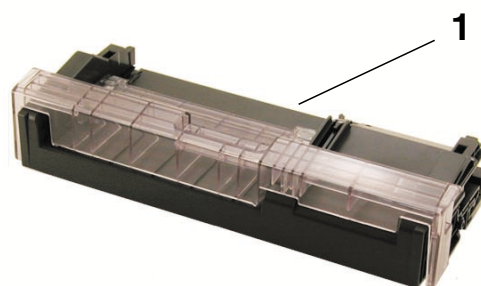
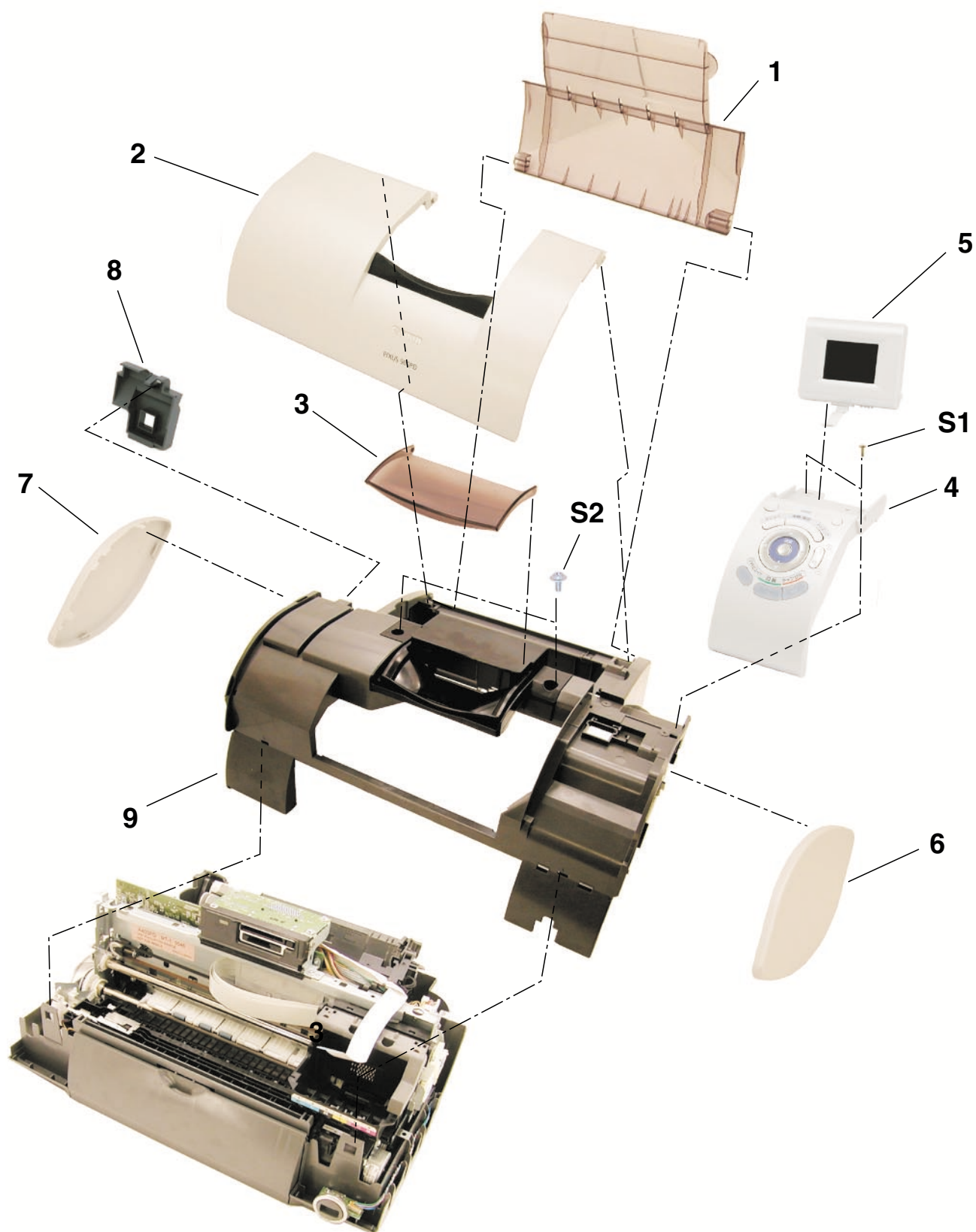


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
1- 1	QM2-0626-000		1	TRAY GUIDE UNIT	
2	QL2-0348-000		1	CDR TRAY ASS'Y	
3	QA4-1117-000		1	TRAY, CD SUB	
4	QH2-2720-000		1	CORD, POWER	120V(LAM-LV)
	QH2-2724-000		1	CORD, POWER	100V-120V(JP)
	QH2-2725-000		1	CORD, POWER	100V-120V
	QH2-2726-000		1	CORD, POWER	220V-240V
	QH2-2727-000		1	CORD, POWER	220V-240V(AU)
	WT3-5156-000		1	CORD, POWER	220V-240V(GB, HK)
	WT3-5160-000		1	CORD, POWER	220V-240V(KR)
5	WT3-5182-000		1	CORD, POWER	220V-240V(CHN)
	QY6-0050-000		1	PRINT HEAD	
6	QM2-0603-000		1	PHOTO PAPER TRAY UNIT	

**FIGURE 2** OPERATION PANEL UNIT & UPPER COVER UNIT







**FIGURE 3** AC ADAPTER & CARD SLOT UNIT

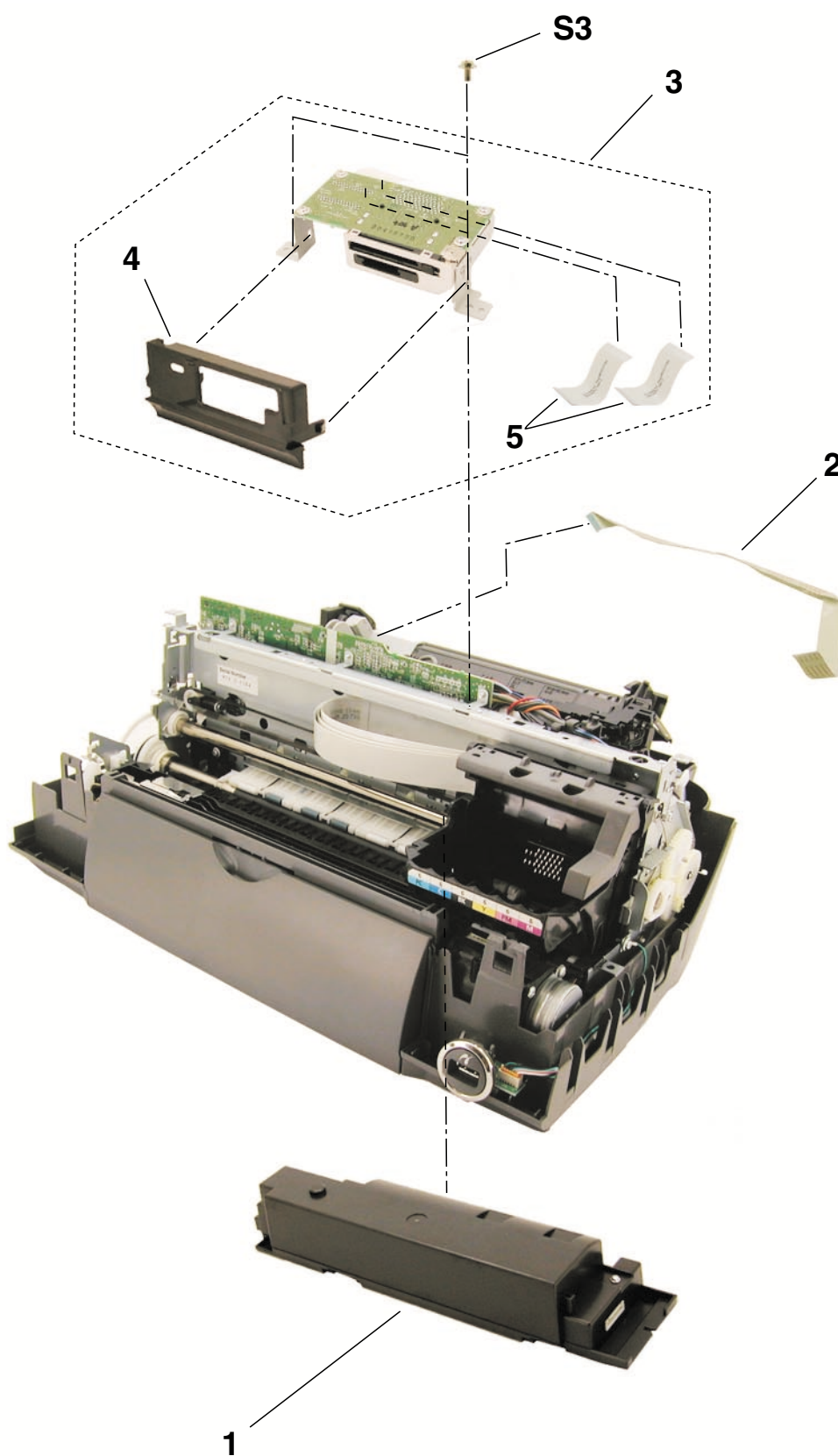




FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
3 - 1	QK1-0185-000		1	AC ADAPTER: 100V-120V 50/60HZ	
	QK1-0322-000		1	AC ADAPTER: 220V-240V 50/60HZ	
2	QK1-0254-000		1	CABLE, PANEL	
3	QM2-0667-000		1	CARD SLOT UNIT	
4	QC1-2629-000		1	COVER, CARD SLOT	
5	QK1-0255-000		2	CABLE, CARD SLOT	

**FIGURE 4** LOGIC BOARD & SHEET FEED UNIT & BOTTOM CASE UNIT

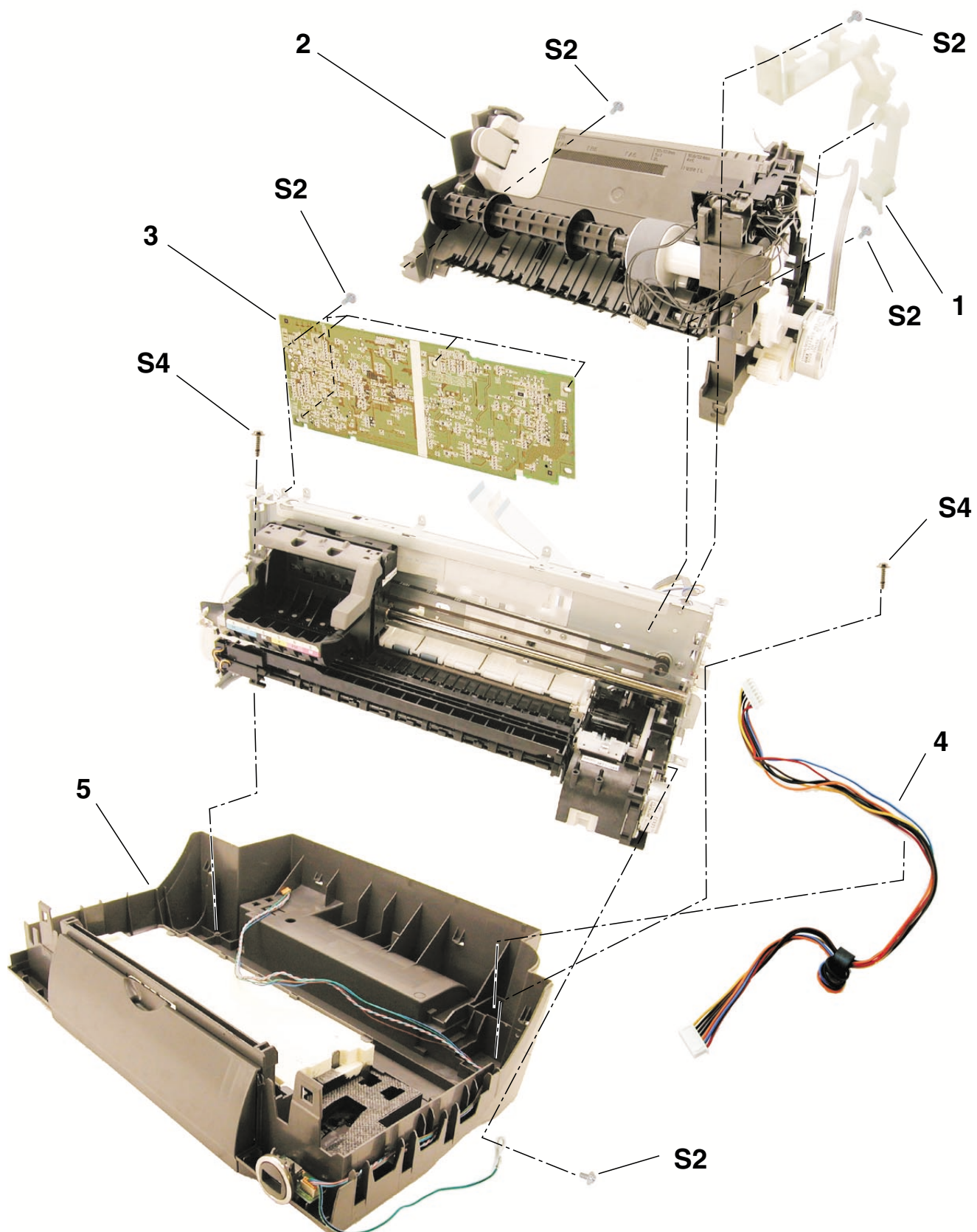
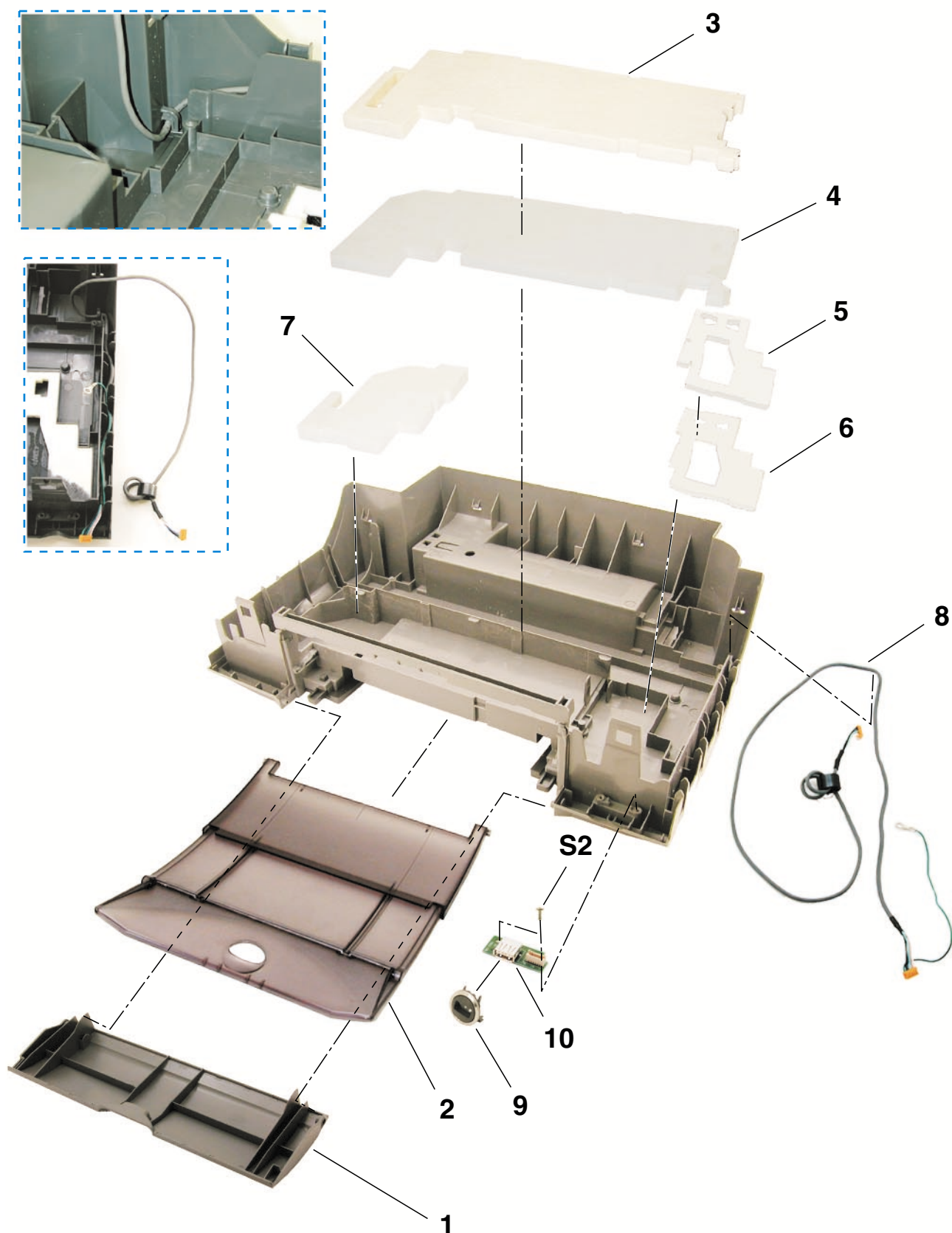


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
4 - 1	QC1-2640-000		1	GUIDE, HARNESS	W/ MEDIA SENSOR W/O CDR PRINTING W/ CDR PRINTING
2	QM2-0677-000		1	SHEET FEEDER UNIT	
3	QM2-0813-000		1	LOGIC BOARD ASS'Y	
	QM2-0814-000		1	LOGIC BOARD ASS'Y	
4	QM2-0821-000		1	DC CONNECTOR ASS'Y	
5	QM2-0663-000		1	BOTTOM CASE UNIT	

**FIGURE 5** OUTPUT TRAY & WASTE INK ABSORBER





**FIGURE 6** PURGE UNIT

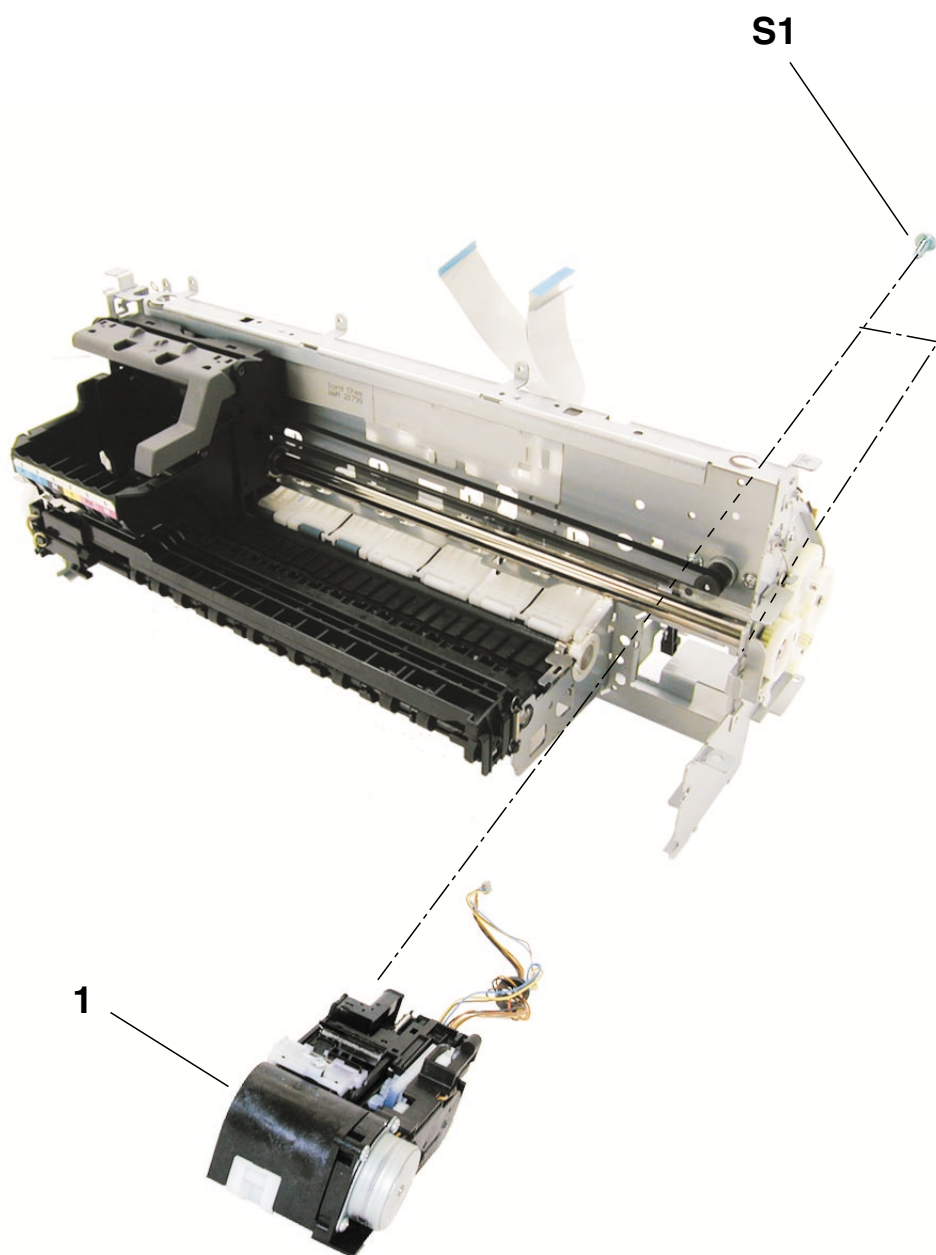


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
6 - 1	QM2-0656-000		1	PURGE UNIT	

**FIGURE 7 CARRIAGE UNIT**

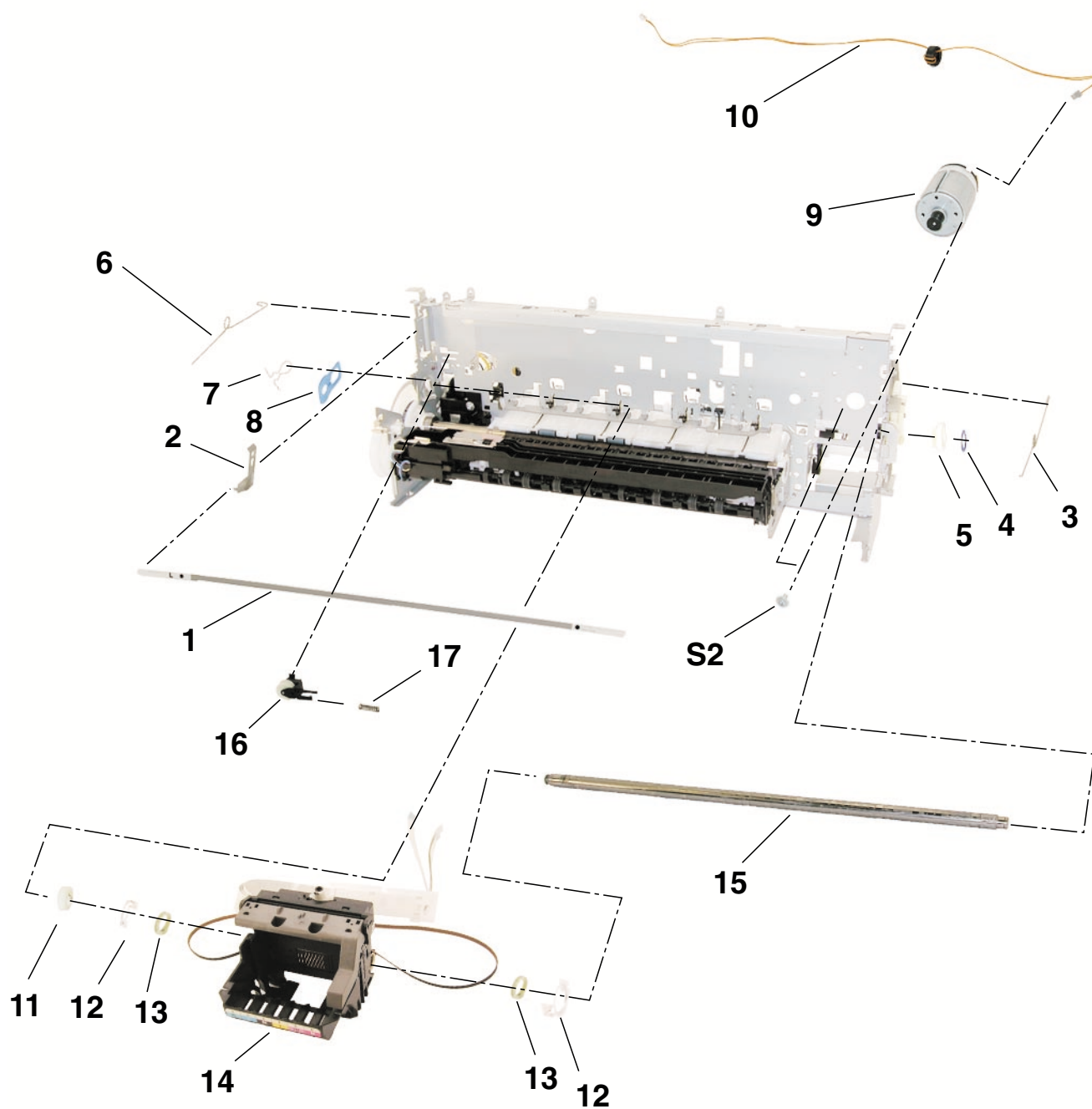




FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
7 - 1	QA4-1053-000		1	FILM, TIMING SLIT STRIP	
2	QA4-0990-000		1	SPRING, LEAF	
3	QC1-2285-000		1	CLIP, SHAFT R	
4	QC1-2289-000		1	RING, CARRIAGE SHAFT	
5	QC1-2299-000		1	CAM, CARRIAGE SHAFT R	
6	QC1-2284-000		1	CLIP, SHAFT L	
7	QC1-2510-000		1	CLIP, CARRIAGE SHAFT	
8	QC1-2288-000		1	PLATE, CARRIAGE SHAFT	
9	QK1-0175-000		1	MOTOR, CARRIAGE	
10	QM2-0795-000		1	CARRIAGE MOTOR HARNESS ASS'Y	
11	QC1-2300-000	N	1	CAM, CARRIAGE SHAFT L	
12	QA4-0723-000		2	HOLDER, GREASE PAD	
13	QA4-0721-000		2	PAD, GREASE	
14	QM2-0662-000		1	CARRIAGE UNIT	
15	QC1-2759-000		1	SHAFT, CARRIAGE	
16	QF4-0153-000		1	IDLER ROLLER ASS'Y	
17	QS4-2112-000		1	SPRING, COIL	

**FIGURE 8 CARRIAGE LIFT PART**

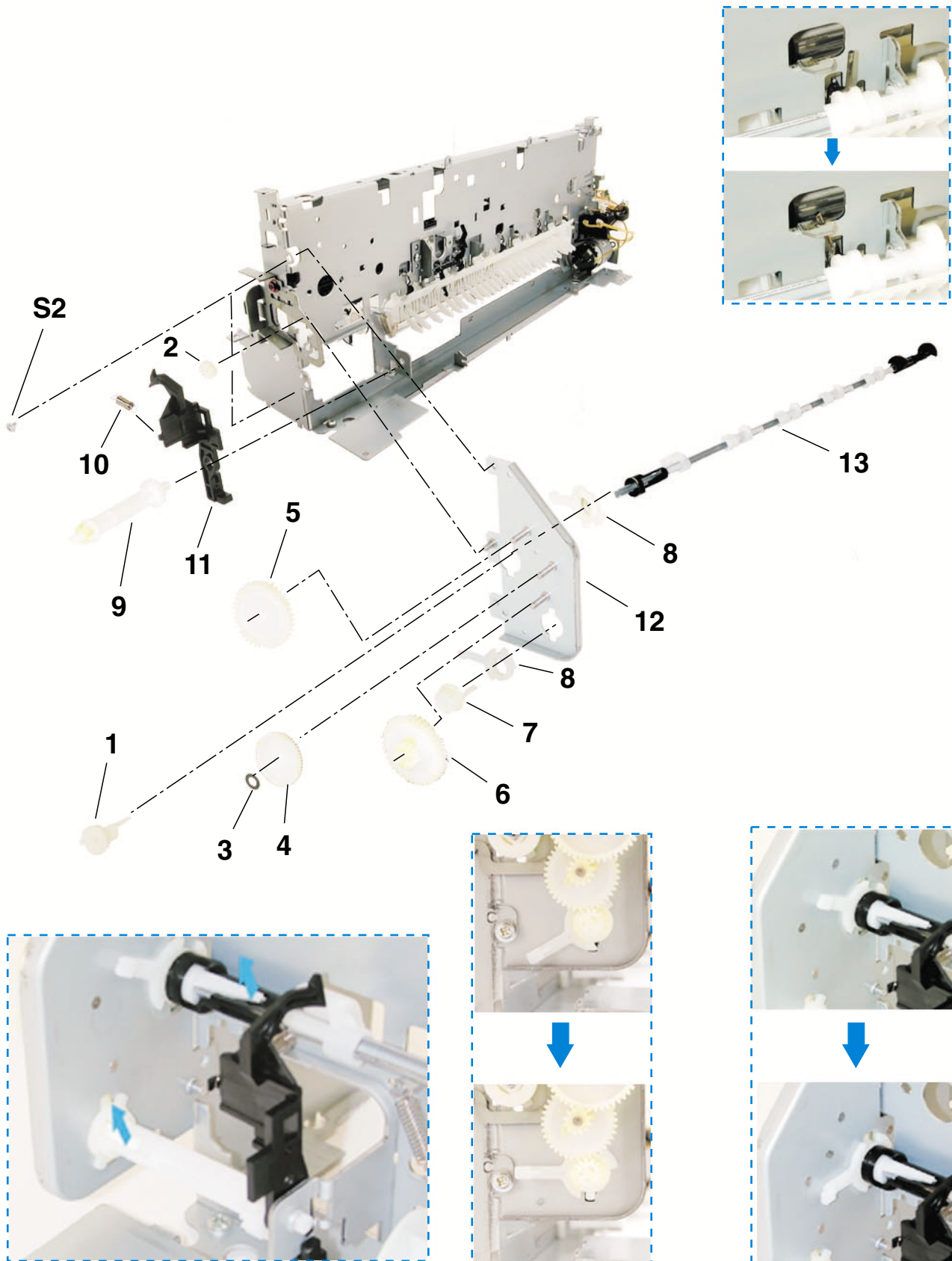


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
8 - 1	QC1-2297-000		1	GEAR, LIFT SHAFT	
2	QC1-2298-000		1	GEAR, CARRIAGE INPUT	
3	QA4-1177-000		1	RING, LIFT GEAR	
4	QC1-2295-000		1	GEAR, LIFT TRANSMISSION	
5	QC1-2296-000		1	GEAR, LIFT TRANSMISSION	
6	QC1-2294-000		1	GEAR, LIFT TRANSMISSION	
7	QC1-2293-000		1	GEAR, LIFT INPUT	
8	QC1-2301-000		2	BUSHING	
9	QC1-2304-000		1	SHAFT, LIFT INPUT GEAR	
10	QC1-2303-000		1	SPRING, HOOK END COIL	
11	QC1-2302-000	N	1	LOCK, LIFT SHAFT	
12	QL2-0340-000		1	LIFT BASE ASS'Y	
13	QM2-0593-000		1	LIFT CAM SHAFT UNIT	

**FIGURE 9 PAPER FEED PART**

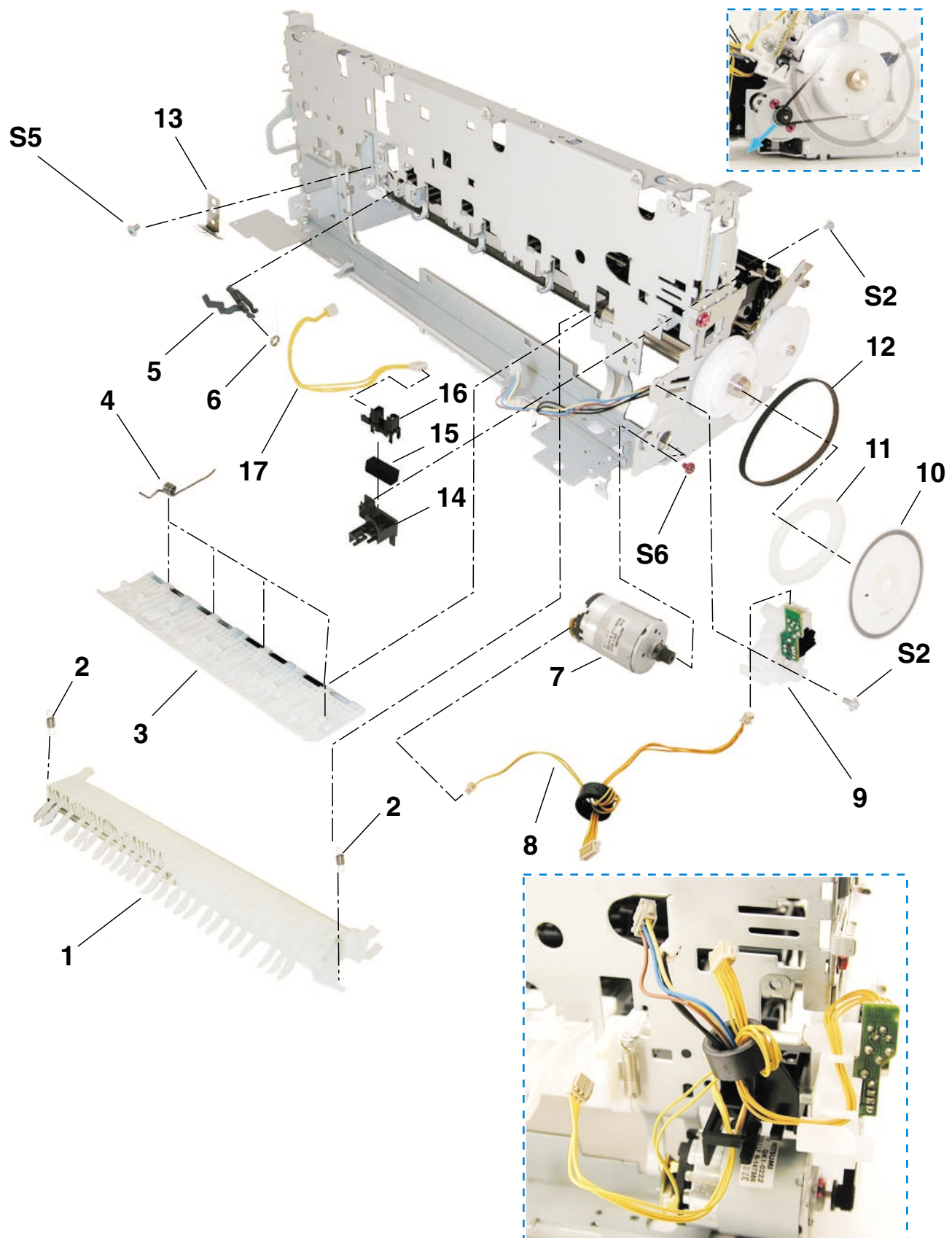


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
9 - 1	QL2-0341-000		1	PAPER GUIDE FLAPPER ASS'Y	W/ CDR PRINTING W/O CDR PRINTING
2	QC1-2291-000		2	SPRING, HOOK END COIL	
3	QM2-0597-000		1	PRESSURE ROLLER ASS'Y	
	QM2-0637-000		1	PRESSURE ROLLER ASS'Y	
4	QC1-2287-000		4	SPRING, TORSION	
5	QC1-2305-000		1	ARM, PAPER SENSOR	
6	QC1-2306-000		1	SPRING, TORSION	
7	QK1-0224-000		1	MOTOR, PAPER FEED	
8	QM2-1201-000		1	LF MULTI HARNESS ASS'Y	
9	QM2-0596-000		1	TIMING SENSOR UNIT	
10	QC1-2511-000		1	FILM, TIMING SLIT DISK	
11	QA4-1169-000		1	FLANGE, PULLEY	
12	QC1-2286-000		1	BELT, PAPER FEED	
13	QC1-2308-000		1	STATIC ELIMINATOR	
14	QC1-2292-000		1	BASE, LIFT SENSOR	
15	QC1-2528-000		1	PAD	
16	WG8-5571-000		1	PHOTO INTERRUPTER: TLP1243(C8)	
17	QM2-0792-000		1	LIFT CAM HARNESS ASS'Y	

**FIGURE 10** PLATEN & FEED ROLLER

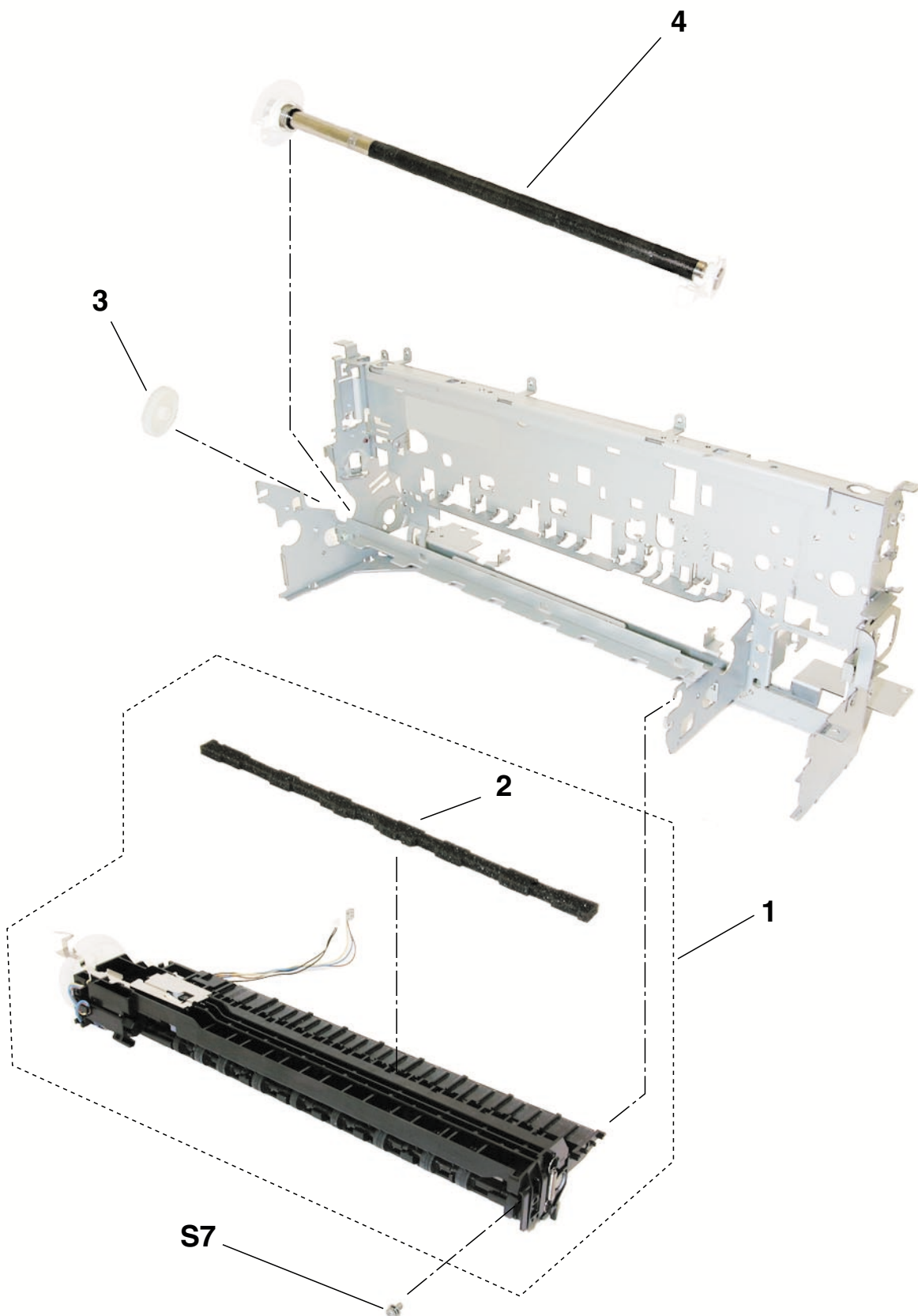


FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
10 - 1	QM2-0670-000		1	PLATEN UNIT	W/ SPUR,W/O CDR PRINTING
	QM2-0675-000		1	PLATEN UNIT	W/ SPUR, W/ CDR PRINTING
2	QA4-1066-000		1	ABSORBER, INK	
3	QA4-1162-000		1	GEAR, EJECT	
4	QF4-0155-000		1	FEED ROLLER ASS'Y	

## C. OPTIONS & CONSUMABLES

FIGURE 11 OPTION & CONSUMABLES





FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
11- 1	NPN		1	BLACK INK TANK BCI-6BK	CONSUMABLES
	NPN		1	CYAN INK TANK BCI-6C	CONSUMABLES
	NPN		1	MAGENTA INK TANK BCI-6M	CONSUMABLES
	NPN		1	YELLOW INK TANK BCI-6Y	CONSUMABLES
	NPN		1	PHOTO CYAN INK TANK BCI-6PC	CONSUMABLES
	NPN		1	PHOTO MAGENTA INK TANK BCI-6PM	CONSUMABLES

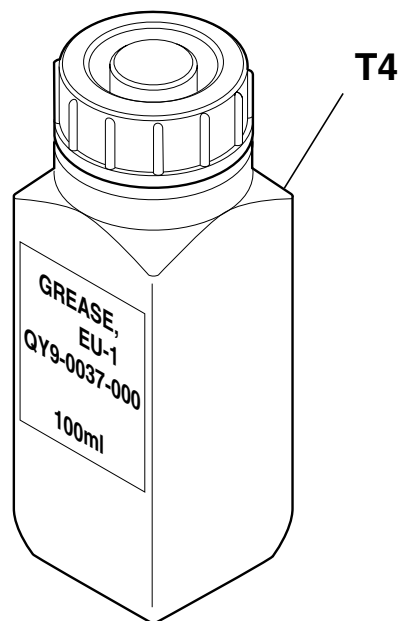
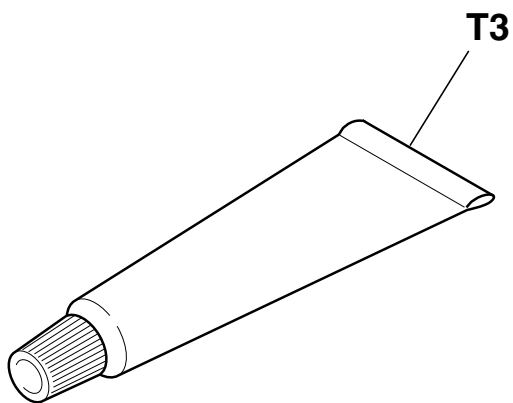
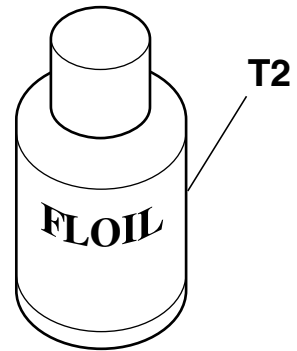
## D. SCREWS & WASHERS LIST

FIGURE & KEY NO.	PART NUMBER	R A N K	Q T Y	DESCRIPTION	REMARKS
S - 1	XB4-7300-805			SCREW, TP, BH3X8	
2	XB6-7300-605			SCREW, MACHINE, WASHER HEAD, M3x6	
3	XB6-7300-405			SCREW, M3x4	
4	XA9-1258-000			SCREW, TAP, WASHER HEAD, M3X12	
5	XB1-2300-405			SCREW, MACH.BH, M3X4	
6	XA9-1437-000			SCREW, BIND, M2.6X4(RED)	
7	XB2-4300-605			SCREW, W/WASHER, M3X6	

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## E. TOOL

FIGURE 12 TOOL





# F. NUMERICAL INDEX

PART NUMBER	FIGURE & KEY NO.	DESCRIPTION
CK-0562-000	T - 3	GREASE, MOLYKOTE PG-641
QA4-0721-000	7 - 13	PAD, GREASE
QA4-0723-000	7 - 12	HOLDER, GREASE PAD
QA4-0990-000	7 - 2	SPRING, LEAF
QA4-1053-000	7 - 1	FILM, TIMING SLIT STRIP
QA4-1066-000	10 - 2	ABSORBER, INK
QA4-1117-000	1 - 3	TRAY, CD SUB
QA4-1162-000	10 - 3	GEAR, EJECT
QA4-1169-000	9 - 11	FLANGE, PULLEY
QA4-1177-000	8 - 3	RING, LIFT GEAR
QC1-2232-000	5 - 6	ABSORBER, INK
QC1-2233-000	5 - 5	ABSORBER, INK
QC1-2234-000	5 - 4	ABSORBER, INK
QC1-2235-000	5 - 3	ABSORBER, INK
QC1-2236-000	5 - 7	ABSORBER, INK
QC1-2284-000	7 - 6	CLIP, SHAFT L
QC1-2285-000	7 - 3	CLIP, SHAFT R
QC1-2286-000	9 - 12	BELT, PAPER FEED
QC1-2287-000	9 - 4	SPRING, TORSION
QC1-2288-000	7 - 8	PLATE, CARRIAGE SHAFT
QC1-2289-000	7 - 4	RING, CARRIAGE SHAFT
QC1-2291-000	9 - 2	SPRING, HOOK END COIL
QC1-2292-000	9 - 14	BASE, LIFT SENSOR
QC1-2293-000	8 - 7	GEAR, LIFT INPUT
QC1-2294-000	8 - 6	GEAR, LIFT TRANSMISSION
QC1-2295-000	8 - 4	GEAR, LIFT TRANSMISSION
QC1-2296-000	8 - 5	GEAR, LIFT TRANSMISSION
QC1-2297-000	8 - 1	GEAR, LIFT SHAFT
QC1-2298-000	8 - 2	GEAR, CARRIAGE INPUT
QC1-2299-000	7 - 5	CAM, CARRIAGE SHAFT R
QC1-2300-000	7 - 11	CAM, CARRIAGE SHAFT L
QC1-2301-000	8 - 8	BUSHING
QC1-2302-000	8 - 11	LOCK, LIFT SHAFT
QC1-2303-000	8 - 10	SPRING, HOOK END COIL
QC1-2304-000	8 - 9	SHAFT, LIFT INPUT GEAR
QC1-2305-000	9 - 5	ARM, PAPER SENSOR
QC1-2306-000	9 - 6	SPRING, TORSION
QC1-2308-000	9 - 13	STATIC ELIMINATOR
QC1-2510-000	7 - 7	CLIP, CARRIAGE SHAFT
QC1-2511-000	9 - 10	FILM, TIMING SLIT DISK
QC1-2528-000	9 - 15	PAD
QC1-2615-000	5 - 1	COVER, OUT PUT TRAY
QC1-2620-000	2 - 8	COVER, I/F
QC1-2621-000	2 - 6	COVER, SIDE R
QC1-2622-000	2 - 7	COVER, SIDE L
QC1-2627-000	2 - 3	COVER, MEMORY SLOT DOOR
QC1-2629-000	3 - 4	COVER, CARD SLOT
QC1-2640-000	4 - 1	GUIDE, HARNESS
QC1-2759-000	7 - 15	SHAFT, CARRIAGE
QF4-0153-000	7 - 16	IDLER ROLLER ASS'Y
QF4-0155-000	10 - 4	FEED ROLLER ASS'Y
QH2-2720-000	1 - 4	CORD, POWER
QH2-2724-000	1 - 4	CORD, POWER
QH2-2725-000	1 - 4	CORD, POWER
QH2-2726-000	1 - 4	CORD, POWER
QH2-2727-000	1 - 4	CORD, POWER
QK1-0175-000	7 - 9	MOTOR, CARRIAGE
QK1-0185-000	3 - 1	AC ADAPTER: 100V-120V 50/60HZ

PART NUMBER	FIGURE & KEY NO.	DESCRIPTION
QK1-0224-000	9 - 7	MOTOR, PAPER FEED
QK1-0254-000	3 - 2	CABLE, PANEL
QK1-0255-000	3 - 5	CABLE, CARD SLOT
QK1-0322-000	3 - 1	AC ADAPTER: 220V-240V 50/60HZ
QL2-0340-000	8 - 12	LIFT BASE ASS'Y
QL2-0341-000	9 - 1	PAPER GUIDE FLAPPER ASS'Y
QL2-0348-000	1 - 2	CDR TRAY ASS'Y
QM2-0587-000	5 - 2	OUT PUT TRAY UNIT
QM2-0593-000	8 - 13	LIFT CAM SHAFT UNIT
QM2-0596-000	9 - 9	TIMING SENSOR UNIT
QM2-0597-000	9 - 3	PRESSURE ROLLER ASS'Y
QM2-0603-000	1 - 6	PHOTO PAPER TRAY UNIT
QM2-0626-000	1 - 1	TRAY GUIDE UNIT
QM2-0637-000	9 - 3	PRESSURE ROLLER ASS'Y
QM2-0656-000	6 - 1	PURGE UNIT
QM2-0660-000	2 - 4	OPERATION PANEL UNIT
QM2-0661-000	2 - 5	LCD VIEWER UNIT
QM2-0662-000	7 - 14	CARRIAGE UNIT
QM2-0663-000	4 - 5	BOTTOM CASE UNIT
QM2-0664-000	2 - 2	ACCESS COVER UNIT
QM2-0665-000	2 - 2	ACCESS COVER UNIT
QM2-0666-000	2 - 9	UPPER COVER UNIT
QM2-0667-000	3 - 3	CARD SLOT UNIT
QM2-0670-000	10 - 1	PLATEN UNIT
QM2-0671-000	2 - 4	OPERATION PANEL UNIT
QM2-0672-000	2 - 1	PAPER SUPPORT UNIT
QM2-0673-000	2 - 2	ACCESS COVER UNIT
QM2-0675-000	10 - 1	PLATEN UNIT
QM2-0676-000	5 - 9	DCC COVER UNIT
QM2-0677-000	4 - 2	SHEET FEEDER UNIT
QM2-0792-000	9 - 17	LIFT CAM HARNESS ASS'Y
QM2-0795-000	7 - 10	CARRIAGE MOTOR HARNESS ASS'Y
QM2-0813-000	4 - 3	LOGIC BOARD ASS'Y
QM2-0814-000	4 - 3	LOGIC BOARD ASS'Y
QM2-0815-000	5 - 10	DCC BOARD ASS'Y
QM2-0820-000	5 - 8	DCC CABLE ASS'Y
QM2-0821-000	4 - 4	DC CONNECTOR ASS'Y
QM2-1201-000	9 - 8	LF MULTI HARNESS ASS'Y
QS4-2112-000	7 - 17	SPRING, COIL
QY6-0050-000	1 - 5	PRINT HEAD
QY9-0037-000	T - 4	GREASE EU-1
QY9-0057-000	T - 2	LUBE, FLOIL KG107A, OIL
QY9-0064-000	T - 1	CALIBRATION MEDIA KIT
WG8-5571-000	9 - 16	PHOTO INTERRUPTER: TLP1243(C8)
WT3-5156-000	1 - 4	CORD, POWER
WT3-5160-000	1 - 4	CORD, POWER
WT3-5182-000	1 - 4	CORD, POWER
XA9-1258-000	S - 4	SCREW, TAP, WASHER HEAD, M3X12
XA9-1437-000	S - 6	SCREW, BIND, M2.6X4(RED)
XB1-2300-405	S - 5	SCREW, MACH.BH, M3X4
XB2-4300-605	S - 7	SCREW, W/WASHER, M3X6
XB4-7300-805	S - 1	SCREW, TP, BH3X8
XB6-7300-405	S - 3	SCREW, M3x4
XB6-7300-605	S - 2	SCREW, MACHINE, WASHER HEAD, M3x6

**Canon**