

SP C260DNw/SP C262DNwPoint To Point DIAGRAM and Harnesses

SP C260DNw/SP C262DNw Entire Pin Assignment List

Harness No.	Harness	Connector (FROM)				Signal Infomation				Relay Harness	Connector (TO)							
		No.	Access Point No.	Destination	Pin	Signal Name	Direction	L	H		No.	Access Point No.	Destination	Pin				
1	M0AH5403	CN1	CN301	EGB	1	+24V					CN2	CN	Polygon Motor	5				
					2	GND								4				
					3	A PMON	→	OFF	ON					3				
					4	SCRDY N	←	Synchro	Not Synchro					2				
					5	A PMCLK	→					1						
					6	A DETP N KC	←	ON	OFF		CN3	CN	Synchronizing Detector Board	3				
					7	+5V								2				
					8	GND								1				
2	M0AH5404	CN1	CN302	EGB	1	GND								CN3	CN1	LDB[K,Y]	16	
					2	GND						15						
					3	GND						14						
					4	A LDLVL2 Y	→					13						
					5	A LDLVL0 K	→					12						
					6	A LDERR N	←	Trouble	Normal			11						
					7	LDOFF2 Y	←	ON	OFF			10						
					8	LDOFF0 K	←	ON	OFF			9						
					9	APC2EN N Y	→	ON	OFF			8						
					10	APC0EN N K	→	ON	OFF			7						
					11	LDDT0 K	→					6						
					12	LDDT0 N K	→					5						
					13	N.C.						1						
					14	LDDT2 Y	→					4						
					15	LDDT2 N Y	→					3						
					16	N.C.												
					17	+5V LD CNT						2						
					18	+5V LD CNT						1						
		CN2	CN303		1	GND						CN4	CN1	LDB[M,C]	16			
					2	GND									15			
					3	GND									14			
					4	A LDLVL1 M	→								13			
					5	A LDLVL3 C	→								12			
					6	A LDERR N	←	Trouble	Normal						11			
					7	LDOFF1 M	←	ON	OFF						10			
					8	LDOFF3 C	←	ON	OFF						9			
					9	APC1EN N M	→	ON	OFF						8			
					10	APC3EN N C	→	ON	OFF						7			
					11	LDDT3 C	→								6			
					12	LDDT3 N C	→								5			
					13	LDDT1 M	→								4			
					14	LDDT1 N M	→								3			
15	N.C.																	
16	+5V LD CNT						2											
17	+5V LD CNT						1											
3	M2025408	CN1	CN324	EGB	1	+5V LD CNT					CN2	CN	Fusing Stripper Pawl Solenoid	2				
					2	SOL FU P	→	OFF	ON					1				
					CN10	CN314	1	GND						CN20	CN	Paper End Sensor	3	
		2	SEN PAPEND N				←	Detect Paper	Not Delect		2							
		3	+5V									1						
		4	GND									CN30	CN				Registration Sensor	3
		5	SEN REG N				←	Detect Paper	Not Delect		2							
		6	+5V								1							
		7	GND									CN40	CN				Paper Exit Sensor	3
		8	SEN PAPOUT N				←	Detect Paper	Not Delect		2							
		9	+5V						1									
		CN100	CN317		1	DM 1TCSPCCW	→				G1665457	CN200	CN	ITB (Image Transfer Belt) Contact Motor	2			
					2	DM 1TCSPCW	→								1			
					3	GND						CN300	CN	ITB (Image Transfer Belt) Contact Sensor	3			
					4	SEN 1TCSP	←	Separate	Attach						2			
		5	+5V								1							
		6	DM TONER P		→	OFF	ON		G1665457	CN400	CN	Agitator Motor	2					
		7	+24V IL FU1										1					
		CN1000	CN308		1	SEN TEMP A	←					CN2000	CN	Temperature/Humidity Sensor	4			
					2	GND									3			
					3	SEN HUM A	←								2			
					4	+5V									1			
		CN10000	CN326		1	GND						CN20000	CN	Fusing Pressure Release Sensor	3			
					2	SEN TRSET P	←	Release	Normal						2			
					3	+5V									1			
					2													
4	G1665457	CN	CN200 CN400	M2025408	2								1					
					1								1					
5	M2025405	CN1	CN316	EGB	1	GND					CN10	CN	High Voltage Power Supply Board	16				
					2	GND									15			
					3	+24V IL									14			
					4	+24V IL									13			
					5	HVPERR N	←	Trouble	Normal						12			
					6	HVPERR2									11			
					7	HVPBION N	→	Trouble	Normal						10			
					8	PWM T2 +	→	Trouble	Normal						9			
					9	PWM T2 -	→	Trouble	Normal						8			
					10	PWM 1T	→	Trouble	Normal						7			
					11	PWM DC	→	Trouble	Normal						6			
					12	PWM DM	→	Trouble	Normal						5			
					13	PWM DY	→	Trouble	Normal						4			
					14	PWM DK	→	Trouble	Normal						3			

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Harness No.	Harness	Connector (FROM)				Signal Infromation				Relay Harness	Connector (TO)						
		No.	Access Point No.	Destination	Pin	Signal Name	Direction	L	H		No.	Access Point No.	Destination	Pin			
11	M2025410	CN1	CN309	EGB	1	DM COLGAIN	→	Low Speed	High Speed		CN2	CN	Color AIO Motor	11			
					2	DM COLCLK	→							10			
					3	DM COLON N	→	Start	Stop					9			
					4	DM COLLOCK P	←	Normal	Trouble					8			
					5	GND								7			
					6	GND								6			
					7	+24V IL								5			
					8	+24V IL								4			
					9	+24V IL								3			
					10	GND								2			
														1			
					11	DM BWMIDGAIN	→	Low Speed	High Speed		CN3	CN	Black AIO Motor	10			
					12	DM BWMIDCLK	→							9			
					13	DM BWMIDBK P	→		Brake					8			
					14	DM BWMIDCW	→	Normal Rotation	Reverse Rotation					7			
					15	DM BWMIDON N	→	Start	Stop					6			
					16	DM BWMIDLOCK P	←	Normal	Trouble					5			
					17	GND								4			
					18	GND								3			
					19	+24V IL								2			
		20	+24V IL						1								
		CN10	CN311		1	DM FEEDFUGAIN	→	Low Speed	High Speed		CN20	CN	Transport/Fusing Motor	8			
					2	DM FEEDFUCLK	→							7			
					3	DM FEEDFUON N	→	Start	Stop					6			
					4	DM FEEDFULOCK P	←	Normal	Trouble					5			
					5	GND								4			
					6	GND								3			
					7	+24V IL								2			
					8	+24V IL								1			
					9	+24V IL											
					10	CL PAP P	→	OFF	ON					CN30	CN	Paper Feed Clutch	2
					11	+24V IL											1
					CN40	CN	Registration Clutch	12	CL REG P	→	OFF	ON		2			
								1	CL OPPAP P	→	OFF	ON		1			
								CN200	CN	Optional Tray	2	+24V IL FU2				10	
											3	GND				9	
											4	SEN OPPAPEND N	←	Detect Paper	Not Detect		8
											5	+5V					7
											6	CL OPFEED P	→	OFF	ON		6
											7	+24V IL FU2					5
											8	SEN OPSET N	←	Set	Not Set		4
		9	SEN OPJAM P		←	Not Detect	Detect Paper					3					
		10	+5V						2								
						1											
12	M2025406	CN1	CN320	EGB	1	GND					CN2	CN220	PSU	12			
					2	GND								11			
					3	GND								10			
					4	24V IL								9			
					5	24V IL								8			
					6	24V IL								7			
					7	GND								6			
					8	+5V								5			
					9	GND								4			
					10	+3.3VE								3			
					11	GND								2			
					12	+5VE								1			
		CN10	CN304		1	+5V LD						CN20		CN204	4		
					2	GND					3						
					3	+24V					2						
					4	GND					1						
		CN100	CN319		1	SLP.PSU	→					CN200		CN219	5		
					2	HTRLON P	→	OFF	ON		4						
					3	ZEROXI	←				3						
					4	HTTRON0 P	→	OFF	ON		2						
					5	GND					1						
13	M2025407	CN1	CN307	EGB	1	TH HEAT A	←			GW100020	CN10	CN	Thermistor(Center)	4			
					2	GND								Thermistor(End)	3		
					3	TH EDGE A	←							2			
					4	GND								1			
					5	SEN.FUSET N	←	Set	Not Set				N.C.				
					6	GND					CN1	CN1	Loop	8			
					7	SEN.FUNEW N	←	New	Old				N.C.				
15	M0AR5409	T1	T101	PSU	1	AC.L					INLET	-		L			
		T2	T102		1	AC.N							N				
		GND	GND							GND							
16	M2025413	CN1	CN221	PSU	1	+5V	→				CN2	-	Interlock SW	1			
					2	+5V IL	←				PS1	-	Interlock SW	2			
					3	+24V	→				PS2	-	Interlock SW	1			
					4	+24V IL	←							2			
		CN3			1						PS1	-	Interlock SW	1			
17 DOM/NA	M0005405	CN1	CN101	PSU	2	HT.N					CN2	CN1	Heater/Thermostat	1			
					1	HT.L									2		

SP C260DNw/SP C262DNw ELECTRICAL COMPONENT LAYOUT

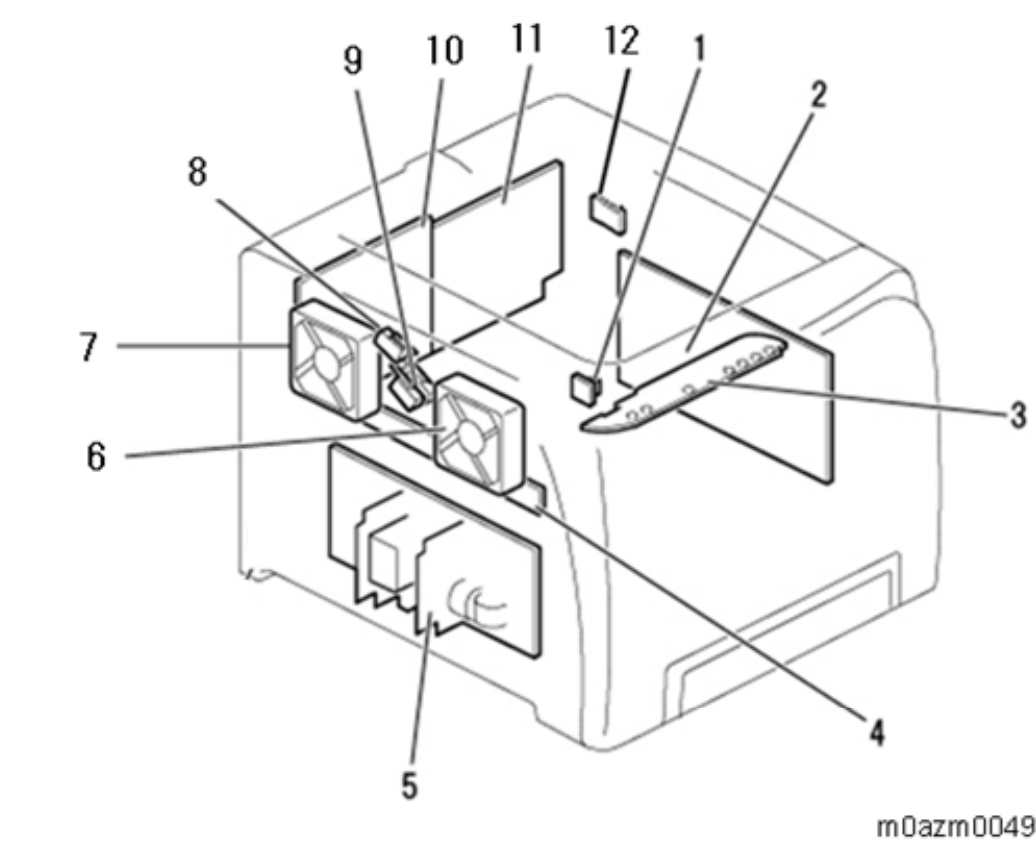


Fig.1

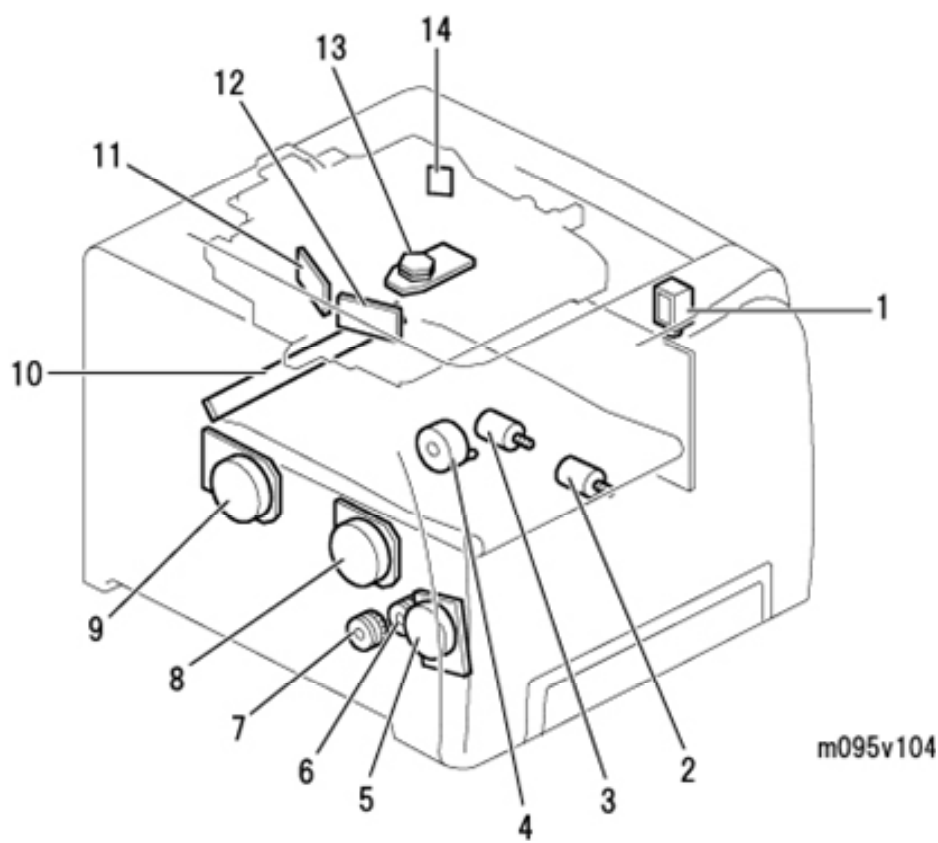


Fig.2

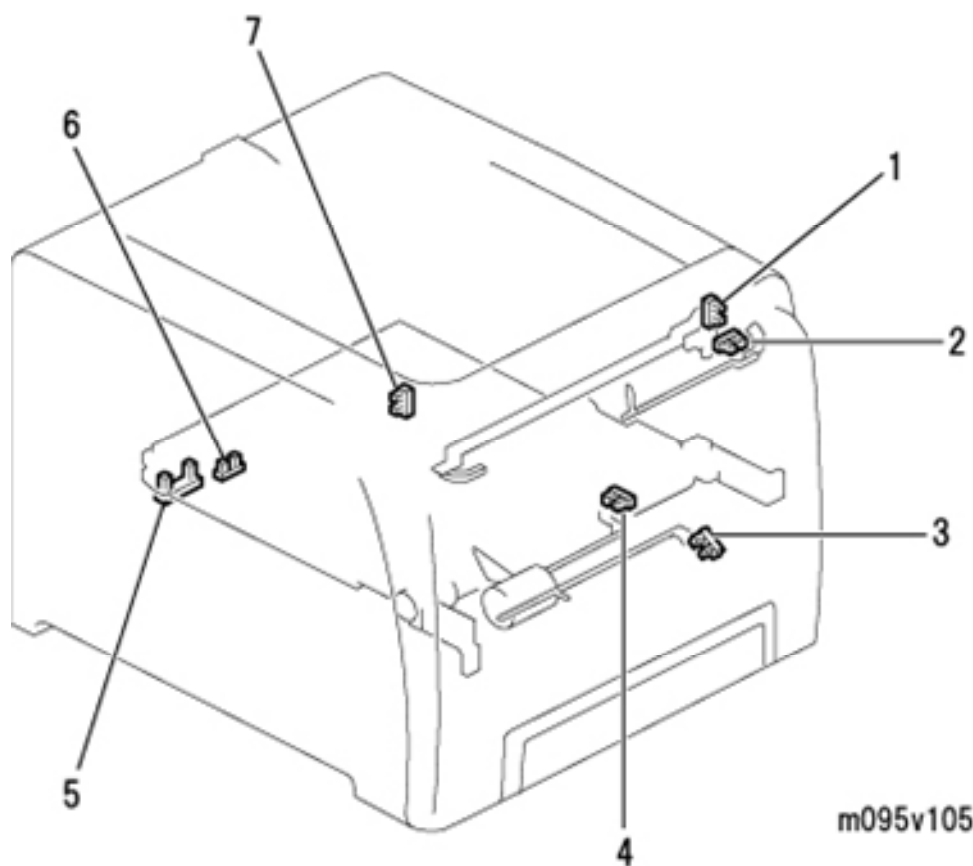


Fig.3

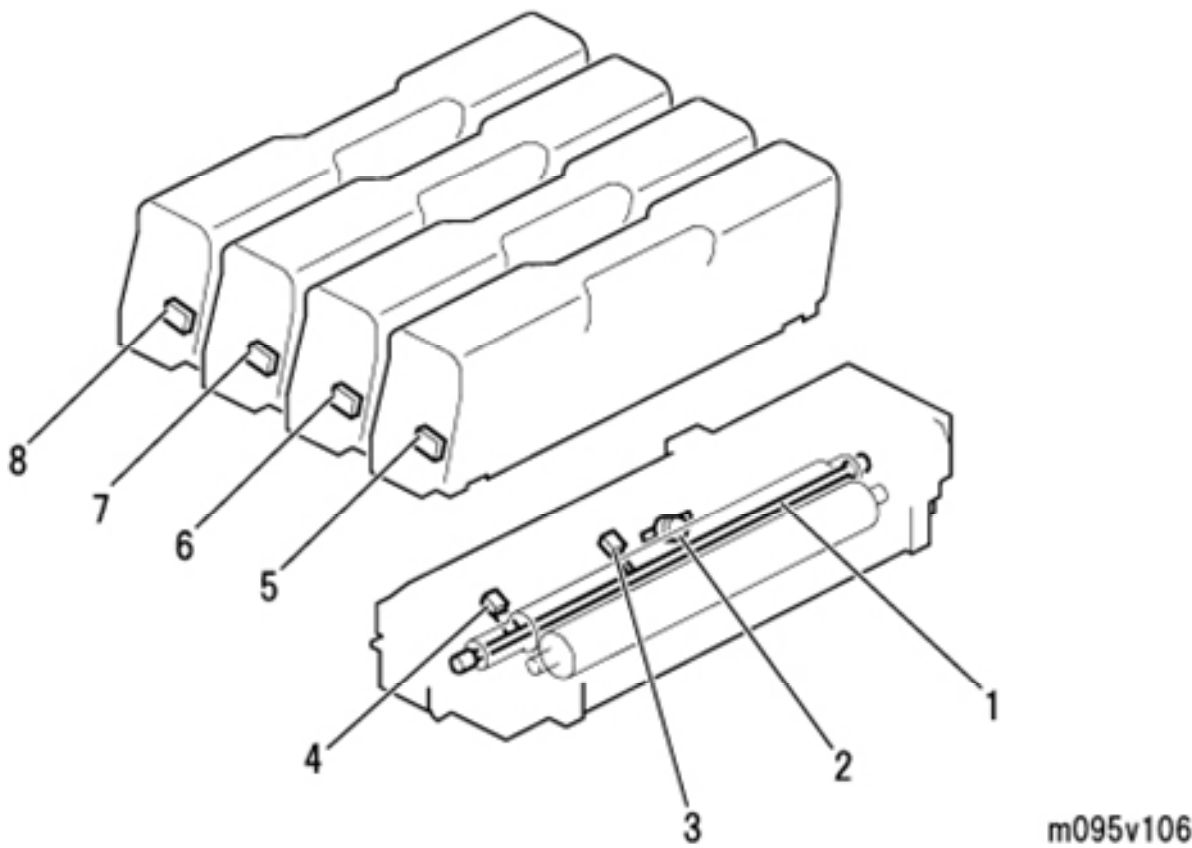


Fig.4

SP C260DN_w/SP C262DN_w ELECTRICAL COMPONENT LAYOUT

Symbol	Index No.	Description	P to P
Motors			
M1	Fig.2-13	Polygom Motor	G4
M2	Fig.2-3	ITB (Image Transfer Belt) Contact Motor	G7
M3	Fig.2-2	Agitator Motor	G8
M4	Fig.2-4	Duplex Motor	C3
M5	Fig.2-9	Color AIO Motor	C5
M6	Fig.2-8	Black AIO Motor	C6
M7	Fig.2-5	Transport/Fusing Motor	C6
Clutches			
CL1	Fig.2-7	Paper Feed Clutch	C6
CL2	Fig.2-6	Registration Clutch	C7
CL3	-	Optional Tray Paper Clutch	C7
CL4	-	Optional Tray Relay Clutch	C7
Switches			
SW	Fig.1-8 Fig.1-9	Interlock SW	B9,B10
Sensors			
S1	Fig.3-3	Paper End Sensor	G7
S2	Fig.3-4	Registration Sensor	G7
S3	Fig.3-2	Paper Exit Sensor	G7
S4	Fig.3-7	ITB (Image Transfer Belt) Contact Sensor	G8
S5	Fig.1-1	Temperature/Humidity Sensor	G8
S6	Fig.3-1	Fusing Pressure Release Sensor	G9
S7	Fig.3-5	Waste Toner Overflow Sensor	G10
S8	Fig.3-6	Waste Toner Bottle Set Sensor	G11
S9	-	Optional Paper End Sensor	C8
S10	-	Optional Set Detector	C8
S11	-	Optional Relay Sensor	C8

Symbol	Index No.	Description	P to P
PCBs			
PCB1	Fig.1-3	OPU Main Board	C3
PCB2	Fig.1-10	EGB	E5
PCB3	Fig.1-11	CTL	F2
PCB4	Fig.1-2	HVP	G9
PCB5	Fig.1-4	ID Chip Connecting Board[K,Y,M,C]	G10
PCB6	Fig.1-5	PSU	D9
PCB7	Fig.1-12	WIFI	H4
PCB8	Fig.2-10	TM Sensor Board	D4
PCB9	Fig.2-12	LDB[K,Y]	G5
PCB10	Fig.2-11	LDB[M,C]	G6
PCB11	Fig.2-14	Synchronizing Detector Board	G5
Heater			
Heater	Fig.4-1	Heater	A10
FANs			
FAN1	Fig.1-6	Fusing Fan	C5
FAN2	Fig.1-7	LSU Fan	C5
Others			
SOL1	Fig.2-1	Fusing Stripper Pawl Solenoid	G6
TH1	Fig.4-2	Thermostat	B10
TH2	Fig.4-3	Thermistor(Centor)	B11
TH3	Fig.4-4	Thermistor(End)	B11
-	Fig.4-5	ID Chip [K]	G10
-	Fig.4-6	ID Chip [Y]	G10
-	Fig.4-7	ID Chip [M]	G10
-	Fig.4-8	ID Chip [C]	G10