

# BLACK LASER REPETITIVE DEFECT CHART

By Mike Josiah and the Technical Staff at UniNet



	Drum (F)	Magnetic / Developer Roller (F)	PCR (F)	Upper Fuser (F)	Lower Fuser (B)	Upper Registration (F)	Lower Registration (B)	Transfer (B)	Paper Feed (F)	Delivery (B)	Fuser Guide	UP / Div / Exit	Toner Charge Roller	Toner Feed Roller
BROTHER HL-1240 (TN460)	94.1	39.0		78.5	78.5			47.7	44.0					
BROTHER HL-1560 (TN560)	94.1	39.0		78.5	78.5			47.7	44.0					
BROTHER HL-2040 (TN350)	94.1	39.0												
BROTHER HL-2170 (TN360)	75.0	41.0		78.5	78.5									
BROTHER HL-2270 (TN450)	94.2	32.5		53.4	78.5									
BROTHER HL-5150 (TN570)	94.1	39.0												
BROTHER HL-5200 (TN580)	94.2	42.7		78.5	78.5			48.2	44.0					
BROTHER HL-5300 (TN650)	94.2	42.5		78.5	78.5	44.0								
BROTHER HL-6050 (TN670)	94.1	39.0												
BROTHER HL-6080 (TN750)	94.1													
CANON IMAGECLASS D1120	75.0	42.0	38.0	57.0	63.0	43.0		39.0						
CANON IMAGECLASS MF4570	75.0	34.0	27.0	57.0	56.0			39.0						
CANON IMAGECLASS MF6530	76.0	38.0	36.0											
CANON IMAGECLASS MF7280	95.0	63.0	45.0											
CANON LASERCLASS 810/830i FX11	76.0	38.0	36.0											
CANON PC330 E40	75.0	38.0	36.0											
CANON PC A15/30	94.0	51.0		76.0	63.0	39.0	43.0		26.0					
CANON "P" STYLE	94.0	63.0	44.0											
DELL 1130	75.6	35.0	37.5	77.5	75.4			47.0						49.0

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DELL 1600	75.5	35.3	37.7	78.0	75.5			47.1						44.9
DELL 1815N	75.5	35.2	37.7	77.8	75.4			47.1						
DELL 2335	75.5	39.2	37.7	88.9	101.3			47.1						53.2
DELL B1160	62.9	37.7	25.5											
DELL B1260	75.5	36.8	26.7	77.6	75.4			47.1						63.2
EPSON 1500	94.0	79.0		63.0	63.0	111.0		51.0	40 (B)					
FUJI XEROX XP 5/10	94.0	47.0	38.0	62.0	57.0			51.0						
FUJI XEROX XP 15/20	126.0	53.0		74.0	74.0									
HP 3SI/4SI (NX)	94.0	51.0	38.0	94.0	94.0	44.0		63.0						
HP 4/5 (EX)	94.0	51.0	38.0	63.0	63.0			54.0						
HP 4L/4P (PX/FX2)	75.0	38.0	38.0	75.0	47.0			44.0		37.0				
HP 4V (BX)	94.0	63.0	43.0	88.0	85.0	51.0	45.0	61.0			37.0			
HP 5L/6L (AX/FX3)	76.0	31.0	38.0	76.0	63.0			48.0		44.0				
HP 5P/6P (VX/FX4)	75.0	38.0	38.0	75.0	47.0			44.0		37.0				
HP 5SI/8000 (WX)	94.0	53.0	43.0	125.0	94.0	43.0		58.0				47.0		
HP 1000 (1200)	75.0	37.0	37.0	56.0	62.0			45.0						
HP 1010/1012/1015/1020 (FX9/FX10)	76.3	37.7	30.8	56.5	41.0				55.2					
HP 1100	75.0	32.0	38.0	76.0	64.0			46.0		38.0				
HP 1150	75.0	37.0	37.0	56.0	62.0			45.0						

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HP 1160/1320	76.0	46.0	39.0											
HP 1200/1220 (FX8)	75.0	37.0	37.0	56.0	62.0			45.0						
HP 1300	75.0	37.0	37.0	56.0	62.0			45.0						
HP 2100/2200 (FX7)	94.0	50.0	38.0	75.0	63.0	44.0		46.0	42.0					
HP 2300	95.0	47.0	38.0	75.0	63.0			44.0						
HP 2400	94.0	47.0	38.0											
HP 3015/3020/3030	76.3	37.7	30.8	56.5	41.0				55.2					
HP 3100/3150	95.0	32.0	38.0	76.0	64.0			48.0		44.0				
HP 3200	75.0	32.0	38.0	76.0	64.0			46.0		38.0				
HP 3300/3380	75.0	37.0	37.0	56.0	62.0									
HP 4000/4050 (FX6)	94.0	51.0	38.0	75.0	64.0			48.0						
HP 4100	94.0	38.0	38.0	75.0	63.0	50.0		47.0						
HP 4200	94.2	54**	37.7	75.0										
HP 4250/4350	94.0	55.0	38.0											
HP 4300	94.2	54**	37.7	94.0										
HP 4345	94	54**	37.7	94				47						
HP 4350 MFP	94.0	55.0	38.0											
HP 5000/5100	94.0	53.0	44.0	75.0	79.0	50.0		58.0						
HP 5200	94.0	58.0	44.0											

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HP 8100/8150	94.0	53.0	44.0	141.0	100.0	44.0		54.0		47.0				
HP IIP/IIIP (LX/FX1)	94.0	51.0	38.0	63.0	54.0			52.0	49.0					
HP II/III (SX)	94.0	51.0	80.0	65.0	38.0	44.0	13.0							
HP LASERJET (CX)	189.0	66.0		130.0	75.0	38.0				58.0				
HP ENTERPRISE 600 M4555	94.0	63.0	37.7	94.0	94.0	47.0	50.0	47.0	79.0					50.0
HP ENTERPRISE 700 M712	94.0	58.0	44.0											
HP ENTERPRISE MFP M775	94.0	42.0	35.0	76.0	79.0			50.0						
HP PRO MFP M125	75.0	34.0	27.0	57.0	56.0			39.0						
HP PRO 400 MFP M425	75.0	42.0	38.0	57.0	63.0	43.0		39.0						
HP M551	75.5	32.0	44.0	77.0	78.0			44.0						49.0
HP M5025	96.0	58.0	44.0	94.0	75.0									
HP P1006	75.0	31.0	27.0											
HP P1102/1102W	75.0	34.0	27.0	57.0	56.0			39.0						
HP P1505	75.0	31.0	27.0											
HP P1606/1566	75.0	34.0	27.0	57.0	56.0			39.0						
HP P2015	75.4	44.0	37.7	56.5	69.0	43.0		46.2						
HP P2030/P2050 SERIES	75.0	42.0	38.0	57.0	63.0	43.0		39.0						
HP P3005	96.0	47.0	38.0	76.0	62.0			43.6						
HP P3015	95.0	50.0	38.0	76.0	79.0			43.6						

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HP P4014/P4015/P4515	94.0	63.0	37.7	94.0	94.0	79.0		47.0	79.0					
IBM/LEXMARK 4019	129.0	62.0		67.0	69.0					39.0		51.0		
IBM/LEXMARK 4039/4049	129.0	62.0	38.0	67.0	69.0					39.0		51.0		
LEXMARK E120	74.1	36.1	29.0	62.2	17.8			48.1	56.2			30.4		17.8
LEXMARK E220	96.7	47.8	38.2	79.8	95.5			51.7						
LEXMARK E230/330	94.0	54.0	38.0											
LEXMARK E240/340	94.0	54.0	38.0											
LEXMARK E250/450	96.7	47.8	38.2	79.8	95.5			51.7						
LEXMARK E260/360/460	98.3	48.3	38.8	80.0				52.4						
LEXMARK E310/312	94.2	56.0	37.7	56.7	69.0			46.0						
LEXMARK OPTRA S	94.0	62.0	38.0											
LEXMARK OPTRA SE	94.0	62.0	38.0											
LEXMARK OPTRA T	94.0	62.0	38.0											
LEXMARK T520	94.0	62.0	38.0											
LEXMARK T620	94.0	62.0	38.0											
LEXMARK T630	94.0	62.0	38.0											
LEXMARK T640	94.0	62.0	38.0											
LEXMARK W812	94.0	52.0	36.0											
LEXMARK X215	78.0	45.0	40.0											

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LEXMARK X260/360	98.3	48.3	38.8	80.0				52.4						
LEXMARK X340/342	96.7	47.8	38.2	79.8	95.5			51.7						
MINOLTA SP101	94.0	79.0		63.0	63.0	111.0		51.0	40 (B)					
OKIDATA 400E	94.0	58.0	40.0	63.0	69.0			51.0						
OKIDATA B710/720/730	94.4	52.0	38.0	94.2				51.0						
OKIDATA B2500	75.0	50.0	29.0											
OKIDATA MB260	75.0	50.0	29.0											
RICOH SP4100	94.0			105.0	100.0			50.0						
SAMSUNG ML-1210	75.0	32.0	37.0	58.0	60.0			47.0						
SAMSUNG ML-1610	75.0	44.0	38.0											
SAMSUNG ML-1630/1631	62.8	35.2	26.7	77.1	75.4			47.1						
SAMSUNG ML-1640/2240	75.5	35.2	37.7	75.4	63.9			46.2						47.5
SAMSUNG ML-1665	62.8	45.0	26.0	64.0	64.0			40.5						
SAMSUNG ML-1710/1750	78.0	45.0	40.0											
SAMSUNG ML-1860/1865	62.9	35.1	26.7	77.5	75.4			39.2						
SAMSUNG ML-2010	75.0	44.0	38.0											
SAMSUNG ML-2150		42.0												
SAMSUNG ML-2250	75.5	35.3	37.7	78.0	75.5			47.1						44.9
SAMSUNG ML-2525/1910	75.6	35.0	37.5	77.5	75.4			47.0						49.0

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SAMSUNG ML-2545	75.6	35.0	37.5	77.5	75.4			47.0						
SAMSUNG ML-2851	75.5	35.2	26.7		62.8			47.0						47.1
SAMSUNG ML-2955	75.5	36.8	26.7	77.6	75.4			47.1						63.2
SAMSUNG ML-3050	75.5	35.2	37.7	77.8	75.4			47.1						44.9
SAMSUNG ML-3310	75.6	35.0	37.5	77.5	75.4			47.0						49.0
SAMSUNG ML-3471	75.5	35.2	37.7		92.0			47.1						44.9
SAMSUNG ML-3650	95.0	43.0	38.0	126.0	126.0			55.0						45.0
SAMSUNG ML-3712	75.6	35.0	37.5	77.5	75.4			47.0						49.0
SAMSUNG ML-4550/4551	95.0	45.0	38.0					55.0						
SAMSUNG ML-6000	94.2		37.7											
SAMSUNG SCX-4200	78.0	45.0	40.0											
SAMSUNG SCX-4216	78.0	45.0	40.0											
SAMSUNG SCX-4300	78.0	45.0	40.0											
SAMSUNG SCX-4600	75.6	35.0	37.5	77.5	75.4			47.0						49.0
SAMSUNG SCX-4725	75.5	35.2	37.7	63.9	75.4			46.2						47.5
SAMSUNG SCX-4824/4828	75.5	35.2	26.7	77.8	62.8			47.0						47.1
SAMSUNG SCX-5530	75.5	35.2	37.7	77.8	75.4			47.1						44.9
SAMSUNG SCX-5635	75.5	39.2	37.7	88.9	101.3			47.1						53.2
SAMSUNG SCX-6230	94.3	54.3	38.3	83.6	91.0			56.6						43.8

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SAMSUNG SCX-6345	94.0	44.0	38.0	126.0	155.0			57.0						
SAMSUNG SCX-6555	94.30	39.25	43.96	125.60	157.00			57.14						
SAMSUNG SF-5000 (P8E)	97.0	58.0	38.0											41.0
SAMSUNG SF-5100	75.0	32.0	37.0	58.0	60.0			47.0						
SAMSUNG SF-555P	75.0	32.0	37.0	58.0	60.0			47.0						
SAMSUNG SF-560R/PR	78.0	45.0	40.0											
SAMSUNG SF-830	94.3	57.8	37.7	82.5	69.1			57.8					37.7	35.8
XEROX 4525	95.0	56.0	44.0											
XEROX FAXCENTRE 2121	94.2	51.8			75.3									
XEROX PHASER 3100 MFP	75.0	50.0	29.0											
XEROX PHASER 3140/3155/3160	75.6	35.0	37.5	77.5	75.4			47.0						49.0
XEROX PHASER 3150	75.5	35.3	37.7	78.0	75.5			47.1						44.9
XEROX PHASER 3250	75.5	35.2	26.7	77.6	62.8			47.0						47.1
XEROX PHASER 3300	75.5	39.2	37.7	88.9	101.3			47.1						53.2
XEROX PHASER 3320	75.6	35.0	37.5	77.5	75.4			47.0						49.0
XEROX PHASER 3420	75.5	35.3	37.7	78.0	75.5			47.1						44.9
XEROX PHASER 3500	95.0	43.0	38.0	126.0	126.0			55.0						45.0
XEROX PHASER 3600	94.0	50.0	38.0	126.0	126.0			56.0						42.0
XEROX PHASER 3635 MFP	75.5	35.2	37.7											44.9

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XEROX PHASER 4510	94.4	52.0	38.0	94.2	94.2			51.0						
XEROX PHASER 5400	95.0	58.0	45.0											
XEROX PHASER 5500	94.2	56.5	44.0	78.5				58.7						
XEROX WORKCENTRE 3550	75.5	35.2	37.7											44.9
XEROX WORKCENTRE M118/128	94.2	56.5	44.0	78.5				58.7						
XEROX WORKCENTRE PE120	75.5	35.3	37.7	78.0	75.5			47.1						44.9

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