

BLACK LASER REPETITIVE DEFECT CHART

By Mike Josiah



	Drum (F)	Mag/Developer (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 (TN-460)	94.1	39.0		78.5	78.5			47.7	44.0					
Brother HL-1560 (TN-560)	94.1	39.0		78.5	78.5			47.7	44.0					
Brother HL-2040 (TN-350)	94.1	39.0												
Brother HL-2170 (TN-360)	75.0	41.0		78.5	78.5									
Brother HL-5150 (TN-570)	94.1	39.0												
Brother HL-5200 (TN-580)	94.2	42.7		78.5	78.5			48.2	44.0					
Brother HL-6050 (TN-670)	94.1	39.0												
Canon imageClass MF6530	76.0	38.0	36.0											
Canon imageClass MF7280	95.0	63.0	45.0											
Canon LaserClass 810, 830i FX-11	76.0	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 1815N	75.5	35.2	37.7	77.8	75.4			47.1						
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 5L,6L (AX)	76.0	31.0	38.0	76.0	63.0			48.0		44.0				
HP 4V (BX)	94.0	63.0	43.0	88.0	85.0	51.0	45.0	61.0			37.0			
HP Laserjet (CX)	189.0	66.0		130.0	75.0	38.0				58.0				
HP 4, 5 (EX)	94.0	51.0	38.0	63.0	63.0			54.0						
HP IIP, IIIP (LX)	94.0	51.0	38.0	63.0	54.0			52.0	49.0					
HP 3Si, 4Si (NX)	94.0	51.0	38.0	94.0	94.0	44.0		63.0						
HP 4L, 4P (PX)	75.0	38.0	38.0	75.0	47.0			44.0		37.0				
HP II, III (SX)	94.0	51.0		80.0	65.0	38.0	44.0	13.0						
HP 5P, 6P (VX)	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	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						
HP 1160/1320	76.0	46.0	39.0											
HP 1200/1220	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	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											

Millimeters

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TECHNICAL GUIDES • BLACK LASER REPETITIVE DEFECT CHART



	Drum (F)	Mag/Developer (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
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	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											
HP 8100, 8150	94.0	53.0	44.0	141.0	100.0	44.0		54.0		47.0				
HP M5025	96.0	58.0	44.0	94.0	75.0									
HP P1505	75.0	31.0	27.0											
HP P1006	75.0	31.0	27.0											
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 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 E320/322														
Lexmark E321/323														
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 T420														
Lexmark T430														

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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 T650														
Lexmark W812	94.0	52.0	36.0											
Lexmark X215	78.0	45.0	40.0											
Lexmark X422														
Minolta SP-101	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						
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-2010	75.0	44.0	38.0											
Samsung ML-1710/1750	78.0	45.0	40.0											
Samsung ML-2150		42.0												
Samsung ML-2250	76.0	44.0	38.0											
Samsung ML-2851	75.5	35.2	26.7		62.8			47.0						47.1
Samsung ML-3050	75.5	35.2	37.7	77.8	75.4			47.1						44.9
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-4550/4551	95.0	45.0	38.0					55.0						
Samsung ML-6000	94.2		37.7											
Samsung ML-6060														
Samsung ML-7000														
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-4725	75.5	35.2	37.7	63.9	75.4			46.2						47.5
Samsung SCX-5530	75.5	35.2	37.7	77.8	75.4			47.1						44.9
Samsung SCX-6230	94.3	54.3	38.3	83.6	91.0			56.6						43.8
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

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Xerox 4525	95.0	56.0	44.0											
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 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
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						

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