

COLOR LASER REPETITIVE DEFECT CHART

By Mike Josiah



Drum (F) Black Mag/Developer (F) Color Mag/Developer (F) PCR (F) Upper Fuser (F) Lower Fuser (B) Transfer / T1 Transfer (B) T2 Transfer ITB Cleaning Roller Toner Feed Roller Media Attaching Roller Transfer Belt Transfer Belt Drive Roller Toner Charge Roller Registration Roller 1 Registration Roller 2

Brother HL2700CN/TN04	380.0	56.52	56.52		125.6		62.80		56.52			379.94			42.39	
Brother HL4040/TN110/115	75.0	37.4	37.4		78.5	78.5										
HP Color LaserJet 1500	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
HP Color LaserJet 2500	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
HP Color LaserJet 2550	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
HP Color LaserJet 2600	75.4	24.7	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
HP Color LaserJet 2820	148.0	34.0	34.0	40.0	76.0	67.0	44.0	57.0					89.0	89.0		
HP Color LaserJet 3000	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
HP Color LaserJet 3500	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
HP Color LaserJet 3550	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
HP Color LaserJet 3600	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
HP Color LaserJet 3700	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
HP Color LaserJet 3750	77.0	38.0	38.0	26.0	75.0	41.0									44.0	41.0
HP Color LaserJet 3800	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
HP Color LaserJet 4500	152.0	38.0	30.0	40.0	132.0		53.0		40.0							
HP Color LaserJet 4550	152.0	38.0	30.0	40.0	132.0		53.0		40.0							
HP Color LaserJet 4600	94.0	33.0	33.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
HP Color LaserJet 4610n	94.0	33.0	33.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
HP Color LaserJet 4650	94.0	33.0	33.0	38.0	107.0	63.0	75.0			38.0	38.0			14.0		
HP Color LaserJet 4700/4730	94.2	34.3	38.5	37.7	76.0	81.0	37.7			42.7	75.0				47.0	55.0
HP Color LaserJet 5500	94.0	50.0	50.0	38.0	107.0	63.0	82.0			43.0	38.0			14.0		
HP Color LaserJet 5550	94.0	50.0	50.0	38.0	107.0	63.0	82.0			43.0	38.0			14.0		
HP Color LaserJet 8500	195.0	52.0	38.0	44.0	151.0		66.0		56.0			222.0				
HP Color LaserJet 8550	195.0	52.0	38.0	44.0	151.0		66.0		56.0			222.0				
HP Color LaserJet 9500	98.0	27.0	30.0	45.0	148.0	140.0	52.0	71.0	100.0							
HP Color LaserJet CM1015	75.4	24.7	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
HP Color LaserJet CM1017	75.4	24.7	24.7	26.7	56.6	62.8	37.7				32.9			54.5		
HP Color LaserJet CP1215	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5		633.6			44.0	
HP Color LaserJet CP1518	75.8	22.3	22.3	26.7	56.5	56.8	57.0			28.5		633.6			44.0	
HP Color LaserJet CP2020	75.0	22.0	22.0	38.0	58.0	63.0	58.0	78.0								
HP Color LaserJet CP3505	76.0	27.0	27.0	27.0	75.0	79.0	44.0								35.0	36.0
HP Color LaserJet CP3525	75.5	32.0	32.0	27.0	77.0	78.0	44.0	50.0	76.0	49.0					63.0	
HP Color LaserJet CP4005	94.2	34.3	38.5	37.7	76.0	81.0	37.7			42.7	75.0				47.0	55.0
HP Color LaserJet CP6015	94.0	36.0	36.0	40.0	148.0	144.0	50.0	71.0					82.0			
Samsung CLP-300																
Samsung CLP-315	188.5	26.0	26.0	37.7	86.4	50.3	43.8	54.6		32.7						

Millimeters

(F) = Front of page • (B) = Back of page

*This chart is used for locating the cause of images, which repeat at equal intervals. These intervals may not appear at the same place on each page. Once you have located the repeating defects, measure the distance between them. Then locate the number under the corresponding cause. Many defects repeat several times.



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	Drum (F)	Black Mag/Developer (F)	Color Mag/Developer (F)	PCR (F)	Upper Fuser (F)	Lower Fuser (B)	Transfer / T1 Transfer (B)	T2 Transfer	ITB Cleaning Roller	Toner Feed Roller	Media Attaching Roller	Transfer Belt	Transfer Belt Drive Roller	Toner Charge Roller	Registration Roller 1	Registration Roller 2	
Samsung CLP-350																	
Samsung CLP-500/550	**	29.3					75.4				**						
Samsung CLP-510	**	35.3	35.3	44.0	109.9		75.4				**						
Samsung CLP-600	**	27.0	27.0				75.4				**						
Samsung CLP-610/CLX6200	75.4	32.5	30.6	26.7	125.6		45.0			40.8	43.0						
QMS Magicolor 2400																	
Xerox Phaser 7400	94.0	49.0	49.0	37.4	124.0	87.3	106.0		102.0								

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