

SB Number:	SB 2FP-005	Creation Date: 22/11/2004
Subject:	Engine firmware upgrade	
Model:	FS-1920 / FS-3820N / FS-3830N	

FS-1920 ENGINE FIRMWARE UPGRADE VERSION A005 / A006

Version A004 to A005

Firmware has been changed to correct the possible presence of weak horizontal streaks that may rarely appear on the image due to a LSU's laser beam detection timing error.

	Version	Checksum	Label Name	U-No	Rom Type
Engine	A005	07CD	EB20KA005	U2	2Mbit-Flash

Version A005 to A006

Firmware has been changed to avoid paper jams that may rarely occur under following conditions.

1. Full set of 3 option feeders and duplexer.
2. Feed from CASS3 or CASS4 with Letter size.
3. Continuous duplex printing.

	Version	Checksum	Label Name	U-No	Rom Type
Engine	A006	779D	EB20KA006	U2	2Mbit-Flash

Affected Machine Serial Numbers:

FS-1920 (Ver. A005): ALB4742863 and later
FS-1920 (Ver. A006): from next production.

FS-3820N ENGINE FIRMWARE UPGRADE VERSION A003 / A004

Version A002 to A003

Firmware has been changed to correct the possible presence of weak horizontal streaks that may rarely appear on the image due to a LSU's laser beam detection timing error.

	Version	Checksum	Label Name	U-No	Rom Type
Engine	A003	07D9	EB28KA003	U2	2Mbit-Flash

Version A003 to A004

Firmware has been changed to avoid paper jams that may rarely occur under following conditions.

1. Full set of 3 option feeders and duplexer.
2. Feed from CASS3 or CASS4 with Letter size.
3. Continuous duplex printing.

	Version	Check Sum	Label Name	U-No	Rom Type
Engine	A004	77A9	EB28KA004	U2	2Mbit-Flash

Affected Machine Serial Numbers:

FS-3820N (ver. A003): ALD4823194 and later
FS-3820N (ver. A004): ALD4926464 and later

FS-3830N **ENGINE FIRMWARE UPGRADE VERSION A003 / A004 / A007**

Version A002 to A003 => *not applicable to European specs*

Version A003 to A004

Firmware has been changed to correct the possible presence of weak horizontal streaks that may rarely appear on the image due to a LSU's laser beam detection timing error.

	Version	Checksum	Label Name	U-No	Rom Type
Engine	A004	F949	EB21KA004	U2	2Mbit-Flash

Version A004 to A007

Firmware has been changed to avoid paper jams that may rarely occur under following conditions.

1. Full set of 3 option feeders and duplexer.
2. Feed from CASS4. or 1st from CASS4 and 2nd and later from CASS3 (orCASS2).
3. Paper size: Letter or B5.
4. Continuous printing.

	Version	Checksum	Label Name	U-No	Rom Type
Engine	A007	C73D	EB21KA007	U2	2Mbit-Flash

Affected Machine Serial Numbers:

FS-3830N (Ver. A003): ALC4612209 and later

FS-3830N (Ver. A004): ALC4715817 and later

FS-3830N (Ver. A007): ALC4919720 and later