

SB Number:	SB 2F8-020	Creation Date: 23/04/2007
Subject:	<i>Firmware upgrade, 'Missing Developer Unit' message due to communication error between DU and RFID board.</i>	
Model:	FS-2000D/3900DN/4000DN/6950DN	

The engine firmware is upgraded as follows.

The cause of a rarely appearing "Missing developer unit" error, has been detected and the problem has been corrected. This message sometimes appeared even though the developer unit was installed.

The current conditions by which the developer unit is detected:

The engine board communicates with the RFID board in the developer unit. The RFID-board takes care of developer unit detection. Communication takes place during machine power-up, warm-up after closing a cover and after performing a print job. In case the communication error occurs 3 times, "Missing developer unit" is displayed and a communication error counter is reset. Though this communication error does not usually occur, it has nevertheless been corrected.

Contents of change:

1. The communication error counter is reset after the communication is successful on the 2nd to 10th time.
2. Communication is initiated after error is changed from 3 times to 10 times.

Type	Program number	Check SUM	Version	Remarks
ENGINE	S2F8_1000010001	844f	010.001	FS-2000D
ENGINE	S2F9_1000011001	f7bf	011.001	FS-3900DN
ENGINE	S2GA_1000010001	2b53	010.001	FS-4000DN
ENGINE	S2F7_1000013002	6b92	013.002	FS-6950DN

Field measure:

If the problem arises, please upgrade firmware.

Affected machine serial numbers:

from April 2007 production on.