



Field Feature Bill of Material

PN 29H4165

INSTALL SERVICE PROCESSOR (FC 5021) on IBM 3745 Models X1A and 17A

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Before Installation (Steps 1-8)

1.0 Machines Affected

3745 Models 17A, 21A, 31A, 41A, 61A.

2.0 Related BMs and ECs

None.

3.0 BMs to be Installed

- Service Processor FFBM
 - FFBM 29H4164 - SP for 3745 Models XXA
US/Canada only
 - or
 - FFBM 29H4168 - SP for 3745 Models XXA
W/T except US/Canada
- One FFBM providing 2 power cords based on the country rules.

FFBM 43G3160: Countries : 610, 618, 624, 644, 662, 668, 699, 702, 704, 705, 706, 707, 708, 726, 724, 740, 742, 749, 762, 768, 773, 782, 785, 786, 788, 806, 820, 821, 822, 825, 826, 838, 842, 846, 850, 862, 865, 882.

FFBM 43G3161: Country: 678.

FFBM 43G3162: Countries: 655, 758.

FFBM 43G3163: Country: 848.

FFBM 43G3164: Countries: 620, 643, 666, 672, 677, 680, 725, 738, 744, 752, 764, 767, 769, 778, 780, 804, 805, 823, 833, 834, 851, 857, 866, 883.

FFBM 43G3165: Countries: 755, 756.

FFBM 43G3166: Countries: 615, 646, 652, 808, 864.

FFBM 43G3167: Countries: 619, 621, 627, 649, 661, 663, 681, 683, 731, 733, 735, 759, 770, 781, 791, 799, 811, 818, 829, 832, 843, 859, 871, 896.

FFBM 57G7451: Countries: 629, 815, 856.

FFBM 57G7452: Countries: 760, 766, 815.

FFBM 57G7453: Countries: 613, 631, 813, 869.

FFBM 57G7454: Countries: 616, 796.

Modem RSF, 9600 bps.

If the modem 7855 or 7857 is homologated in your country, you receive a FFBM providing the correct RSF modem.

Modem RSF, 2400 bps.

If you did not receive a RSF modem at the initial shipment of 3745 and if the modem 2400 bps has been homologated since, then you receive with the Service Processor a FFBM providing the RSF modem.

3.1 Additional FFBM

If the Service Processor is received as part of a Model conversion MES, you receive one of the following BMs:

- FFBM 17G5441 - 3745 conversion 210 to 21A.
- 17G5445 - 3745 conversion 410 to 41A
- 17G5443 - 3745 conversion 310 to 31A
- 17G5448 - 3745 conversion 610 to 61A
- 17G5442 - 3745 conversion 210 to 41A
- 17G5451 - 3745 conversion 310 to 61A
- 17G5453 - 3745 conversion 310 to 61A (16MB)
- 17G5475 - 3745 conversion 210 to 31A (4MB)
- 17G5476 - " " (8MB)
- 17G5477 - " " (16MB)
- 17G5478 - 3745 conversion 210 to 61A (4MB)
- 17G5479 - " " (8MB)
- 17G5480 - " " (16MB)
- 17G5487 - 3745 conversion 410 to 61A (4MB)
- 17G5488 - " " (8MB)
- 17G5489 - " " (16MB)
- 57G7495 - 3745 conversion 130/160/170 to 17A
- 57G7496 - 3745 conversion 150 to 17A
- 57G7497 - 3745 conversion 150 to 17A (US only)

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4.0 Preparation

1. Familiarize yourself with the purpose and details of the installation instruction before negotiating machine time with the customer.
2. Check all items listed on the BM(s) to determine that all parts have been received.
3. The set up of the Service Processor has no impact on customer operations.
 - The connection to the 3745 will be performed during the Model conversion.

Additional Information

The RSF link will be connected to the Service Processor instead of the 3745. Insure the RSF link is installed and working. If the Customer has not provided an RSF link, review or have marketing review for the 3745/3746-900 maintenance exposure with the customer.

5.0 Programming

None.

6.0 Purpose and Description

6.1 Purpose

To allow the operation of a 3745 Model XXA.

6.2 Description

Install/replace a Service Processor.

7.0 Installation Time

FFBM	Machine Hrs.	System Hrs.	CE hours
29H4164	00.0	00.0	2.00
or			
29H4165			

No impact on 3745 customer operations.

8.0 Tools/Material Required

ESD kit (PN 6428316).

Installation (Steps 9-11)

9.0 Safety

None.

10.0 Hardware Installation

- If you are replacing an old Service Processor with a new one, go to step 10.2, "Service Processor replacement."
- Otherwise, continue.

10.1 Service Processor installation

Follow the set up instructions in the *Service Processor Installation and Maintenance* (SPIM SY33-2111), provided in the shipping group of the Service Processor.

- Go step 11.0, "Test Procedures."

10.2 Service Processor replacement

Follow the following procedures in the *Service Processor Installation and Maintenance* (SPIM SY33-2111), provided in the shipping group of the Service Processor.

1. Saving the (old) Service Processor Hard Disk on the Optical Disk.
2. Shutting down the (old) Service Processor.
3. Restoring the (new) Service Processor Hard Disk from the Optical Disk.

11.0 Test Procedures

No test required.

After Installation (steps 12-15)

12.0 Field Updating

None.

13.0 Publications Update

None.

14.0 Parts Disposition

14.1 Purchased Machines

Refer to the parts ownership matrix to determine the correct owner of removed/unused parts.

- For EMEA/APG/AG Areas, refer to *Hardware and General Service Code Description*.
- For Domestic Areas, return parts to the customer.

15.0 Machine Records

- Install the new **MACHINE HISTORY** supplied.
- Report installation and quality to existing procedures.

End of instructions.



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